

S01\_messages.txt

2014-04-06 14:04:23.380  
2014-04-06 14:04:23.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-04-06 14:04:23.380 Control Port 2491 Opened  
2014-04-06 14:04:23.380 Baler ready on Ethernet  
2014-04-06 14:04:23.380 Power Cycled Baler Acknowledged  
2014-04-06 14:04:23.380 Commands Accepted by Q330  
2014-04-06 14:04:23.380 Access timeout: 300 sec  
2014-04-06 14:04:23.380 Control Port 4023 Opened  
2014-04-06 14:04:23.380 Data Port 4024 Opened  
2014-04-06 14:04:23.380 Registered with Q330  
2014-04-06 14:04:23.380 Combination Record Received  
2014-04-06 14:04:23.380 window=4 Min. Timeout=10 Max. Timeout=30  
2014-04-06 14:04:23.380 Link Reset, starting window sequence: 0  
2014-04-06 14:04:23.380 GPS Receiver ID Received  
2014-04-06 14:04:23.380 Manufacturer's Data Received, Property Tag=2017  
2014-04-06 14:04:23.380 Digitizer Gain & Offsets Received  
2014-04-06 14:04:23.380 Baler clock set to 2014-04-06 14:04:22  
2014-04-06 14:04:23.380 Starting to Read DP Tokens  
2014-04-06 14:04:23.380 DP Tokens loaded, size=1474 bytes  
2014-04-06 14:04:23.380 webserver advertising 192.168.200.119:5380  
2014-04-06 14:04:23.380 filters & delay HHZ:1@100,Linear all=0.320000  
2014-04-06 14:04:23.380 filters & delay HH1:2@100,Linear all=0.320000  
2014-04-06 14:04:23.380 filters & delay HH2:3@100,Linear all=0.320000  
2014-04-06 14:04:23.380 filters & delay BDH:4@20,Linear all=1.650000  
2014-04-06 14:04:23.380 filters & delay LHZ:1@1,Linear all=15.000000  
2014-04-06 14:04:23.380 filters & delay LH1:2@1,Linear all=15.000000  
2014-04-06 14:04:23.380 filters & delay LH2:3@1,Linear all=15.000000  
2014-04-06 14:04:23.380 filters & delay LDH:4@1,Linear all=15.000000  
2014-04-06 14:04:23.380 SEQUENCE CONTINUITY LOST DUE TO 1 Q330 REBOOT(S)  
2014-04-06 14:04:23.380 Sending DT\_OPEN  
2014-04-06 14:04:23.380 Station: XX-2017  
2014-04-06 14:04:23.380 Q330 Serial Number: 0100000DB18FC351  
2014-04-06 14:04:23.380 AMB Serial Number: 0100000B6909DD82  
2014-04-06 14:04:23.380 Seismo 1 Serial Number: 0000000000000000  
2014-04-06 14:04:23.380 Seismo 2 Serial Number: 0000000000000000  
2014-04-06 14:04:23.380 QAPCHP 1 Serial Number: 4643206  
2014-04-06 14:04:23.380 QAPCHP 2 Serial Number: 3743050  
2014-04-06 14:04:23.380 KMI Property Tag Number: 2017  
2014-04-06 14:04:23.380 System Software Version: 1.146  
2014-04-06 14:04:23.380 Slave Processor Version: 1.11  
2014-04-06 14:04:23.380 Calibrator Type: QCAL330  
2014-04-06 14:04:23.380 Calibrator Version: 1.8  
2014-04-06 14:04:23.380 Auxiliary Board Type: None  
2014-04-06 14:04:23.380 Clock Type: Motorola M12  
2014-04-06 14:04:23.380 PLD Version: 7.9  
2014-04-06 14:04:23.380 Total Hours: 65154.48  
2014-04-06 14:04:23.380 Power On Hours: 29784.87  
2014-04-06 14:04:23.380 Time of Last Boot: 2014-04-06 02:03:58  
2014-04-06 14:04:23.380 Total Number of Boots: 120  
2014-04-06 14:04:23.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-04-06 14:04:23.380 Total Number of Re-Syncs: 213  
2014-04-06 14:04:23.380 Status Inputs: 00000000  
2014-04-06 14:04:23.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-04-06 14:04:23.380 Clock Quality: 100%  
2014-04-06 14:04:23.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-04-06 14:04:23.380 Clock Phase: 0 usec. max allowed=50000  
2014-04-06 14:04:23.380 Boom positions:  
2014-04-06 14:04:23.380 ch1: -34 ch2: -35 ch3: 45 ch4: 20 ch5: 20 ch6: 20  
2014-04-06 14:04:23.380 Analog Status  
2014-04-06 14:04:23.380 Analog Positive Supply: 5.46V  
2014-04-06 14:04:23.380 Input Voltage: 13.20V  
2014-04-06 14:04:23.380 System Temperature: 5C  
2014-04-06 14:04:23.380 Main Current: 62ma

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2014-04-06 14:04:23.380 Antenna Current: 0ma
2014-04-06 14:04:23.380 GPS Status
2014-04-06 14:04:23.380 Time: 14:04:22
2014-04-06 14:04:23.380 Date:
2014-04-06 14:04:23.380 Fix Type: 1-D
2014-04-06 14:04:23.380 Height:
2014-04-06 14:04:23.380 Latitude:
2014-04-06 14:04:23.380 Longitude:
2014-04-06 14:04:23.380 On Time: 0min
2014-04-06 14:04:23.380 Sat. Used: 0
2014-04-06 14:04:23.380 In View: 0
2014-04-06 14:04:23.380 Checksum Errors: 0
2014-04-06 14:04:23.380 Last GPS timemark: 2014-04-06 14:04:21
2014-04-06 14:04:23.380 PLL Status
2014-04-06 14:04:23.380 State: Lock
2014-04-06 14:04:23.380 Initial VCO: 2201.994141
2014-04-06 14:04:23.380 Time Error: 0.000000
2014-04-06 14:04:23.380 RMS VCO: 0.0000000
2014-04-06 14:04:23.380 Best VCO: 2202.00
2014-04-06 14:04:23.380 Seconds Since Track or Lock: 0.0
2014-04-06 14:04:23.380 Vco Control: 2202
2014-04-06 14:04:23.380 timing mode: external seascan
2014-04-06 14:04:23.380 tempco normal
2014-04-06 14:04:23.380 PLL update: 10s PLL lock criterion: 5us
2014-04-06 14:04:23.380 Pfrac: 150.00
2014-04-06 14:04:23.380 VCO slope: -0.0175000
2014-04-06 14:04:23.380 VCO intercept: 7.1100001
2014-04-06 14:04:23.380 Km delta: 600.0000000
2014-04-06 14:04:23.380 Logical Port 4 Status
2014-04-06 14:04:23.380 Data Packets Sent: 0
2014-04-06 14:04:23.380 Flood Packets Sent: 0
2014-04-06 14:04:23.380 Packets Re-Sent: 0
2014-04-06 14:04:23.380 Sequence Errors: 0
2014-04-06 14:04:23.380 Packet Buffer Used: 14902488
2014-04-06 14:04:23.380 Physical Port: Ethernet
2014-04-06 14:04:23.380 Baler Model: 14 Software Version: 2.28
2014-04-06 14:04:23.380 MAC Address: 00:04:FB:00:02:EA
2014-04-06 14:04:23.380 Disk Size: 20000669696
2014-04-06 14:04:23.380 Percent of 1177 data files in use: 2.3
2014-04-06 14:04:23.380 Channels Enabled: 1234 Preamps ON channels:
2014-04-06 14:04:23.380 Channel Sensitivities (uV per count):
2014-04-06 14:04:23.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-06 14:04:23.380 Digitizer Calibration Results:
2014-04-06 14:04:23.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-06 14:04:23.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-06 14:04:23.380 DMU1 Software Version=10
2014-04-06 14:04:23.380 Supply Voltage=12.6
2014-04-06 14:04:23.380 Supply Current=0.41
2014-04-06 14:04:23.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-06 14:04:23.380 WebLink Data Maps Restored
2014-04-06 14:04:23.380 [2000-01-01 00:00:00.000000] sequence resumes: 0 to 0
2014-04-06 14:04:23.380 [2014-04-06 02:05:07.000000] New Digitizer Phase=Start
2014-04-06 14:04:23.380 [2014-04-06 02:05:07.000000] New Digitizer Phase=Internal
Marks
2014-04-06 14:04:23.380 [2014-04-06 02:05:07.000000] sequence resumes: 0 to 0
2014-04-06 14:04:23.380 [2014-04-06 02:05:07.000000] sequence resumes: 0 to 1
2014-04-06 14:04:23.380 [2014-04-06 02:05:08.000000] time label discontinuity: LCQ
1059905.004215
2014-04-06 14:04:23.380 [2014-04-06 02:05:08.000000] time label discontinuity: LCE
1059905.004219
2014-04-06 14:04:23.380 [2014-04-06 02:05:08.000000] time label discontinuity: LCL
1059905.004196
2014-04-06 14:04:23.380 [2014-04-06 02:05:08.000000] time label discontinuity: LHZ

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1059905.004196  
 2014-04-06 14:04:23.380 [2014-04-06 02:05:08.000000] time label discontinuity: LH1  
 1059905.004196  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:08.000000] time label discontinuity: LH2  
 1059905.004196  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:08.000000] time label discontinuity: LDH  
 1059905.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:08.000000] time label discontinuity: HHZ  
 1059904.013102  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:08.000000] time label discontinuity: HH1  
 1059904.013107  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:08.000000] time label discontinuity: HH2  
 1059904.013102  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:08.000000] time label discontinuity: BDH  
 1059904.053198  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:18.000000] time label discontinuity: VCO  
 1122509.904465  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:18.000000] time label discontinuity: VEP  
 1122509.904465  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:18.000000] time label discontinuity: VKI  
 1122509.904465  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:18.000000] time label discontinuity: VEC  
 1089759.954445  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:18.000000] time label discontinuity: VEA  
 1122509.904465  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:20.000000] time label discontinuity: VMZ  
 1122509.904465  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:20.000000] time label discontinuity: VM1  
 1122509.904465  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:20.000000] time label discontinuity: VM2  
 1122509.904465  
 2014-04-06 14:04:25.850 [2014-04-06 02:05:24.000000] time label discontinuity: VFP  
 1121589.905884  
 2014-04-06 14:04:25.850 [2014-04-06 02:17:07.000000] New Digitizer Phase=External  
 Marks  
 2014-04-06 14:04:25.850 [2014-04-06 02:17:07.000000] New Digitizer Phase=Timemark  
 Wait, Reason=GPS Time Received  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] TIME JUMP OF -16.000000 SECONDS  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: LCQ  
 -16.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: LCE  
 -16.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: LCL  
 -16.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: LHZ  
 -16.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: LH1  
 -16.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: LH2  
 -16.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: LDH  
 -16.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: HHZ  
 -16.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: HH1  
 -16.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: HH2  
 -16.000000  
 2014-04-06 14:04:25.850 [2014-04-06 02:16:52.000000] time label discontinuity: BDH  
 -16.000000  
 2014-04-06 14:04:25.850 Msg From 192.168.200.119:Balr14-2.28 tag 01027: XX-2017 reg  
 2014-04-06 14:04:22  
 2014-04-06 14:05:37.030 [2014-04-06 05:40:14.999978] time jump of -22 usec

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2014-04-06 14:08:45.480 Reducing Status Polling Interval
2014-04-06 14:08:45.480 [2014-04-06 14:08:45.000000] total packets received: 43521
2014-04-06 14:08:45.480 [2014-04-06 14:08:45.000000] command timeouts: 6
2014-04-06 14:08:45.480 [2014-04-06 14:08:45.000000] out of window: 36
2014-04-06 14:08:45.480 written: HHZ-708 HH1-699 HH2-694 BDH-455 VEP-1 VEC-1 VEA-1
VKI-1 VCO-1
2014-04-06 14:08:45.480 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-8 LH1-8 LH2-8 LDH-32
VMZ-1 VM1-1
2014-04-06 14:08:45.480 written: VM2-1 LOG-4 ACE-24 OCF-1
2014-04-06 14:08:45.480 [2014-04-06 14:08:45.000000] Done: 2674 recs. seq end:
43434. run: 263 s
2014-04-07 02:09:38.320
2014-04-07 02:09:38.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-07 02:09:38.320 Control Port 2491 Opened
2014-04-07 02:09:38.320 Baler ready on Ethernet
2014-04-07 02:09:38.320 Power Cycled Baler Acknowledged
2014-04-07 02:09:38.320 Commands Accepted by Q330
2014-04-07 02:09:38.320 Access timeout: 300 sec
2014-04-07 02:09:38.320 Control Port 4023 Opened
2014-04-07 02:09:38.320 Data Port 4024 Opened
2014-04-07 02:09:38.320 Registered with Q330
2014-04-07 02:09:38.320 Combination Record Received
2014-04-07 02:09:38.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-07 02:09:38.320 Link Reset, starting window sequence: 43453
2014-04-07 02:09:38.320 GPS Receiver ID Received
2014-04-07 02:09:38.320 Manufacturer's Data Received, Property Tag=2017
2014-04-07 02:09:38.320 Digitizer Gain & Offsets Received
2014-04-07 02:09:38.320 Msg From 192.168.200.119:Baler XX-2017 readback. 2674 recs.
seq end: 43434
2014-04-07 02:09:38.320 Baler clock set to 2014-04-07 02:09:37
2014-04-07 02:09:38.320 Starting to Read DP Tokens
2014-04-07 02:09:38.320 DP Tokens loaded, size=1474 bytes
2014-04-07 02:09:38.320 Webserver advertising 192.168.200.119:5380
2014-04-07 02:09:38.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-07 02:09:38.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-07 02:09:38.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-07 02:09:38.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-07 02:09:38.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-07 02:09:38.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-07 02:09:38.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-07 02:09:38.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-07 02:09:38.320 [2014-04-06 14:08:45.000000] continuity found: 43434
450108525.000000 Q=100
2014-04-07 02:09:38.320 [2014-04-06 14:08:45.000000] restoring continuity
2014-04-07 02:09:38.320 Sending DT_OPEN
2014-04-07 02:09:38.320 Station: XX-2017
2014-04-07 02:09:38.320 Q330 Serial Number: 0100000DB18FC351
2014-04-07 02:09:38.320 AMB Serial Number: 0100000B6909DD82
2014-04-07 02:09:38.320 Seismo 1 Serial Number: 0000000000000000
2014-04-07 02:09:38.320 Seismo 2 Serial Number: 0000000000000000
2014-04-07 02:09:38.320 QAPCHP 1 Serial Number: 4643206
2014-04-07 02:09:38.320 QAPCHP 2 Serial Number: 3743050
2014-04-07 02:09:38.320 KMI Property Tag Number: 2017
2014-04-07 02:09:38.320 System Software Version: 1.146
2014-04-07 02:09:38.320 Slave Processor Version: 1.11
2014-04-07 02:09:38.320 Calibrator Type: QCAL330
2014-04-07 02:09:38.320 Calibrator Version: 1.8
2014-04-07 02:09:38.320 Auxiliary Board Type: None
2014-04-07 02:09:38.320 Clock Type: Motorola M12
2014-04-07 02:09:38.320 PLD Version: 7.9
2014-04-07 02:09:38.320 Total Hours: 65166.57
2014-04-07 02:09:38.320 Power On Hours: 29796.95
2014-04-07 02:09:38.320 Time of Last Boot: 2014-04-06 02:03:58

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2014-04-07 02:09:38.320 Total Number of Boots: 120  
 2014-04-07 02:09:38.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-07 02:09:38.320 Total Number of Re-Syncs: 213  
 2014-04-07 02:09:38.320 Status Inputs: 00000000  
 2014-04-07 02:09:38.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-04-07 02:09:38.320 Clock Quality: 100%  
 2014-04-07 02:09:38.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-07 02:09:38.320 Clock Phase: 0 usec. max allowed=50000  
 2014-04-07 02:09:38.320 Boom positions:  
 2014-04-07 02:09:38.320 Ch1: -34 Ch2: -35 Ch3: 45 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-07 02:09:38.320 Analog Status  
 2014-04-07 02:09:38.320 Analog Positive Supply: 5.46V  
 2014-04-07 02:09:38.320 Input Voltage: 13.05V  
 2014-04-07 02:09:38.320 System Temperature: 5C  
 2014-04-07 02:09:38.320 Main Current: 62ma  
 2014-04-07 02:09:38.320 Antenna Current: 0ma  
 2014-04-07 02:09:38.320 GPS Status  
 2014-04-07 02:09:38.320 Time: 02:09:37  
 2014-04-07 02:09:38.320 Date:  
 2014-04-07 02:09:38.320 Fix Type: 1-D  
 2014-04-07 02:09:38.320 Height:  
 2014-04-07 02:09:38.320 Latitude:  
 2014-04-07 02:09:38.320 Longitude:  
 2014-04-07 02:09:38.320 On Time: 0min  
 2014-04-07 02:09:38.320 Sat. Used: 0  
 2014-04-07 02:09:38.320 In View: 0  
 2014-04-07 02:09:38.320 Checksum Errors: 0  
 2014-04-07 02:09:38.320 Last GPS timemark: 2014-04-07 02:09:36  
 2014-04-07 02:09:38.320 PLL Status  
 2014-04-07 02:09:38.320 State: Lock  
 2014-04-07 02:09:38.320 Initial VCO: 2201.202393  
 2014-04-07 02:09:38.320 Time Error: -0.000001  
 2014-04-07 02:09:38.320 RMS VCO: 0.0000000  
 2014-04-07 02:09:38.320 Best VCO: 2201.28  
 2014-04-07 02:09:38.320 Seconds Since Track or Lock: 0.0  
 2014-04-07 02:09:38.320 Vco Control: 2201  
 2014-04-07 02:09:38.320 timing mode: external seascan  
 2014-04-07 02:09:38.320 tempco normal  
 2014-04-07 02:09:38.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-07 02:09:38.320 Pfrac: 150.00  
 2014-04-07 02:09:38.320 VCO slope: -0.0175000  
 2014-04-07 02:09:38.320 VCO intercept: 7.1100001  
 2014-04-07 02:09:38.320 km delta: 600.0000000  
 2014-04-07 02:09:38.320 Logical Port 4 Status  
 2014-04-07 02:09:38.320 Data Packets Sent: 43458  
 2014-04-07 02:09:38.320 Flood Packets Sent: 0  
 2014-04-07 02:09:38.320 Packets Re-Sent: 49  
 2014-04-07 02:09:38.320 Sequence Errors: 0  
 2014-04-07 02:09:38.320 Packet Buffer Used: 14866692  
 2014-04-07 02:09:38.320 Physical Port: Ethernet  
 2014-04-07 02:09:38.320 Baler Model: 14 Software Version: 2.28  
 2014-04-07 02:09:38.320 MAC Address: 00:04:FB:00:02:EA  
 2014-04-07 02:09:38.320 Disk Size: 20000669696  
 2014-04-07 02:09:38.320 Percent of 1177 data files in use: 2.3  
 2014-04-07 02:09:38.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-07 02:09:38.320 Channel Sensitivities (uV per count):  
 2014-04-07 02:09:38.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-07 02:09:38.320 Digitizer Calibration Results:  
 2014-04-07 02:09:38.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-07 02:09:38.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-07 02:09:38.320 DMU1 Software Version=10  
 2014-04-07 02:09:38.320 Supply Voltage=12.5  
 2014-04-07 02:09:38.320 Supply Current=0.41

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2014-04-07 02:09:38.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-07 02:09:38.320 WebLink Data Maps Restored  
 2014-04-07 02:09:38.320 [2014-04-06 14:08:45.000000] sequence resumes: 43434 to 43434  
 2014-04-07 02:09:38.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-07 02:09:37  
 2014-04-07 02:13:11.600 [2014-04-06 23:59:59.999998] saving Configuration to Backup Memory  
 2014-04-07 02:13:11.600 Reducing Status Polling Interval  
 2014-04-07 02:13:11.600 [2014-04-07 02:13:56.000000] total packets received: 43574  
 2014-04-07 02:13:11.600 [2014-04-07 02:13:56.000000] command timeouts: 6  
 2014-04-07 02:13:11.600 [2014-04-07 02:13:56.000000] out of window: 30  
 2014-04-07 02:13:11.600 written: HHZ-709 HH1-699 HH2-694 BDH-445 VEP-2 VEC-2 VEA-2 VKI-2 VCO-2  
 2014-04-07 02:13:11.600 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-8 LH1-8 LH2-8 LDH-27 VMZ-2 VM1-2  
 2014-04-07 02:13:11.600 written: VM2-2 LOG-2 ACE-2 OCF-2  
 2014-04-07 02:13:11.600 [2014-04-07 02:13:56.000000] Done: 2646 recs. seq end: 86945. run: 260 s  
 2014-04-07 14:14:49.370  
 2014-04-07 14:14:49.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-04-07 14:14:49.370 Control Port 2491 Opened  
 2014-04-07 14:14:49.370 Baler ready on Ethernet  
 2014-04-07 14:14:49.370 Power Cycled Baler Acknowledged  
 2014-04-07 14:14:49.370 Commands Accepted by Q330  
 2014-04-07 14:14:49.370 Access timeout: 300 sec  
 2014-04-07 14:14:49.370 Control Port 4023 Opened  
 2014-04-07 14:14:49.370 Data Port 4024 Opened  
 2014-04-07 14:14:49.370 Registered with Q330  
 2014-04-07 14:14:49.370 Combination Record Received  
 2014-04-07 14:14:49.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-04-07 14:14:49.370 Link Reset, starting window sequence: 21429  
 2014-04-07 14:14:49.370 GPS Receiver ID Received  
 2014-04-07 14:14:49.370 Manufacturer's Data Received, Property Tag=2017  
 2014-04-07 14:14:49.370 Digitizer Gain & Offsets Received  
 2014-04-07 14:14:49.370 Msg From 192.168.200.119:Baler XX-2017 readback. 2646 recs. seq end: 86945  
 2014-04-07 14:14:49.370 Baler clock set to 2014-04-07 14:14:48  
 2014-04-07 14:14:49.370 Starting to Read DP Tokens  
 2014-04-07 14:14:49.370 DP Tokens loaded, size=1474 bytes  
 2014-04-07 14:14:49.370 webserver advertising 192.168.200.119:5380  
 2014-04-07 14:14:49.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-04-07 14:14:49.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-04-07 14:14:49.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-04-07 14:14:49.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-04-07 14:14:49.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-04-07 14:14:49.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-04-07 14:14:49.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-04-07 14:14:49.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-04-07 14:14:49.370 [2014-04-07 02:13:56.000000] continuity found: 86945 450152036.000000 Q=100  
 2014-04-07 14:14:49.370 [2014-04-07 02:13:56.000000] restoring continuity  
 2014-04-07 14:14:49.370 Sending DT\_OPEN  
 2014-04-07 14:14:49.370 Station: XX-2017  
 2014-04-07 14:14:49.370 Q330 Serial Number: 0100000DB18FC351  
 2014-04-07 14:14:49.370 AMB Serial Number: 0100000B6909DD82  
 2014-04-07 14:14:49.370 Seismo 1 Serial Number: 0000000000000000  
 2014-04-07 14:14:49.370 Seismo 2 Serial Number: 0000000000000000  
 2014-04-07 14:14:49.370 QAPCHP 1 Serial Number: 4643206  
 2014-04-07 14:14:49.370 QAPCHP 2 Serial Number: 3743050  
 2014-04-07 14:14:49.370 KMI Property Tag Number: 2017  
 2014-04-07 14:14:49.370 System Software Version: 1.146  
 2014-04-07 14:14:49.370 Slave Processor Version: 1.11

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2014-04-07 14:14:49.370 Calibrator Type: QCAL330  
 2014-04-07 14:14:49.370 Calibrator Version: 1.8  
 2014-04-07 14:14:49.370 Auxiliary Board Type: None  
 2014-04-07 14:14:49.370 Clock Type: Motorola M12  
 2014-04-07 14:14:49.370 PLD Version: 7.9  
 2014-04-07 14:14:49.370 Total Hours: 65178.66  
 2014-04-07 14:14:49.370 Power On Hours: 29809.04  
 2014-04-07 14:14:49.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-07 14:14:49.370 Total Number of Boots: 120  
 2014-04-07 14:14:49.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-07 14:14:49.370 Total Number of Re-Syncs: 213  
 2014-04-07 14:14:49.370 Status Inputs: 00000000  
 2014-04-07 14:14:49.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-04-07 14:14:49.370 Clock Quality: 100%  
 2014-04-07 14:14:49.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-07 14:14:49.370 Clock Phase: 0 usec. max allowed=50000  
 2014-04-07 14:14:49.370 Boom positions:  
 2014-04-07 14:14:49.370 Ch1: -34 Ch2: -35 Ch3: 45 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-07 14:14:49.370 Analog Status  
 2014-04-07 14:14:49.370 Analog Positive Supply: 5.46v  
 2014-04-07 14:14:49.370 Input Voltage: 13.20V  
 2014-04-07 14:14:49.370 System Temperature: 5C  
 2014-04-07 14:14:49.370 Main Current: 62ma  
 2014-04-07 14:14:49.370 Antenna Current: 0ma  
 2014-04-07 14:14:49.370 GPS Status  
 2014-04-07 14:14:49.370 Time: 14:14:48  
 2014-04-07 14:14:49.370 Date:  
 2014-04-07 14:14:49.370 Fix Type: 1-D  
 2014-04-07 14:14:49.370 Height:  
 2014-04-07 14:14:49.370 Latitude:  
 2014-04-07 14:14:49.370 Longitude:  
 2014-04-07 14:14:49.370 On Time: 0min  
 2014-04-07 14:14:49.370 Sat. Used: 0  
 2014-04-07 14:14:49.370 In View: 0  
 2014-04-07 14:14:49.370 Checksum Errors: 0  
 2014-04-07 14:14:49.370 Last GPS timemark: 2014-04-07 14:14:47  
 2014-04-07 14:14:49.370 PLL Status  
 2014-04-07 14:14:49.370 State: Lock  
 2014-04-07 14:14:49.370 Initial VCO: 2200.999268  
 2014-04-07 14:14:49.370 Time Error: 0.000000  
 2014-04-07 14:14:49.370 RMS VCO: 0.000000  
 2014-04-07 14:14:49.370 Best VCO: 2201.00  
 2014-04-07 14:14:49.370 Seconds Since Track or Lock: 0.0  
 2014-04-07 14:14:49.370 Vco Control: 2201  
 2014-04-07 14:14:49.370 timing mode: external seascan  
 2014-04-07 14:14:49.370 tempco normal  
 2014-04-07 14:14:49.370 PLL update: 10s PLL lock criterion: 5us  
 2014-04-07 14:14:49.370 Pfrac: 150.00  
 2014-04-07 14:14:49.370 VCO slope: -0.0175000  
 2014-04-07 14:14:49.370 VCO intercept: 7.1100001  
 2014-04-07 14:14:49.370 Km delta: 600.0000000  
 2014-04-07 14:14:49.370 Logical Port 4 Status  
 2014-04-07 14:14:49.370 Data Packets Sent: 86975  
 2014-04-07 14:14:49.370 Flood Packets Sent: 0  
 2014-04-07 14:14:49.370 Packets Re-Sent: 93  
 2014-04-07 14:14:49.370 Sequence Errors: 0  
 2014-04-07 14:14:49.370 Packet Buffer Used: 14853812  
 2014-04-07 14:14:49.370 Physical Port: Ethernet  
 2014-04-07 14:14:49.370 Baler Model: 14 Software Version: 2.28  
 2014-04-07 14:14:49.370 MAC Address: 00:04:FB:00:02:EA  
 2014-04-07 14:14:49.370 Disk Size: 20000669696  
 2014-04-07 14:14:49.370 Percent of 1177 data files in use: 2.3  
 2014-04-07 14:14:49.370 Channels Enabled: 1234 Preamps ON channels:

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2014-04-07 14:14:49.370 Channel Sensitivities (uV per count):
2014-04-07 14:14:49.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-07 14:14:49.370 Digitizer Calibration Results:
2014-04-07 14:14:49.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-07 14:14:49.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-07 14:14:49.370 DMU1 Software Version=10
2014-04-07 14:14:49.370 Supply Voltage=12.6
2014-04-07 14:14:49.370 Supply Current=0.41
2014-04-07 14:14:49.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-07 14:14:49.370 WebLink Data Maps Restored
2014-04-07 14:14:49.370 [2014-04-07 02:13:56.000000] sequence resumes: 86945 to
86945
2014-04-07 14:14:49.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-07 14:14:48
2014-04-07 14:19:01.250 Reducing Status Polling Interval
2014-04-07 14:19:01.250 [2014-04-07 14:19:01.000000] total packets received: 43553
2014-04-07 14:19:01.250 [2014-04-07 14:19:01.000000] command timeouts: 6
2014-04-07 14:19:01.250 [2014-04-07 14:19:01.000000] out of window: 16
2014-04-07 14:19:01.250 written: HHZ-708 HH1-698 HH2-694 BDH-442 VEP-1 VEC-2 VEA-1
VKI-1 VCO-1
2014-04-07 14:19:01.250 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-8 LH1-8 LH2-8 LDH-26
VMZ-1 VM1-1
2014-04-07 14:19:01.250 written: VM2-1 LOG-2 ACE-1 OCF-1
2014-04-07 14:19:01.250 [2014-04-07 14:19:01.000000] Done: 2627 recs. seq end:
130450. run: 254 s
2014-04-08 02:19:53.320
2014-04-08 02:19:53.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-08 02:19:53.320 Control Port 2491 Opened
2014-04-08 02:19:53.320 Baler ready on Ethernet
2014-04-08 02:19:53.320 Power Cycled Baler Acknowledged
2014-04-08 02:19:53.320 Commands Accepted by Q330
2014-04-08 02:19:53.320 Access timeout: 300 sec
2014-04-08 02:19:53.320 Control Port 4023 Opened
2014-04-08 02:19:53.320 Data Port 4024 Opened
2014-04-08 02:19:53.320 Registered with Q330
2014-04-08 02:19:53.320 Combination Record Received
2014-04-08 02:19:53.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-08 02:19:53.320 Link Reset, starting window sequence: 64934
2014-04-08 02:19:53.320 GPS Receiver ID Received
2014-04-08 02:19:53.320 Manufacturer's Data Received, Property Tag=2017
2014-04-08 02:19:53.320 Digitizer Gain & Offsets Received
2014-04-08 02:19:53.320 Msg From 192.168.200.119:Baler XX-2017 readback. 2627 recs.
seq end: 130450
2014-04-08 02:19:53.320 Baler clock set to 2014-04-08 02:19:52
2014-04-08 02:19:53.320 Starting to Read DP Tokens
2014-04-08 02:19:53.320 DP Tokens loaded, size=1474 bytes
2014-04-08 02:19:53.320 webserver advertising 192.168.200.119:5380
2014-04-08 02:19:53.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-08 02:19:53.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-08 02:19:53.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-08 02:19:53.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-08 02:19:53.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-08 02:19:53.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-08 02:19:53.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-08 02:19:53.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-08 02:19:53.320 [2014-04-07 14:19:01.000000] continuity found: 130450
450195541.000000 Q=100
2014-04-08 02:19:53.320 [2014-04-07 14:19:01.000000] restoring continuity
2014-04-08 02:19:53.320 Sending DT_OPEN
2014-04-08 02:19:53.320 Station: XX-2017
2014-04-08 02:19:53.320 Q330 Serial Number: 0100000DB18FC351
2014-04-08 02:19:53.320 AMB Serial Number: 0100000B6909DD82
2014-04-08 02:19:53.320 Seismo 1 Serial Number: 0000000000000000

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2014-04-08 02:19:53.320 Seismo 2 Serial Number: 0000000000000000  
 2014-04-08 02:19:53.320 QAPCHP 1 Serial Number: 4643206  
 2014-04-08 02:19:53.320 QAPCHP 2 Serial Number: 3743050  
 2014-04-08 02:19:53.320 KMI Property Tag Number: 2017  
 2014-04-08 02:19:53.320 System Software Version: 1.146  
 2014-04-08 02:19:53.320 Slave Processor Version: 1.11  
 2014-04-08 02:19:53.320 Calibrator Type: QCAL330  
 2014-04-08 02:19:53.320 Calibrator Version: 1.8  
 2014-04-08 02:19:53.320 Auxiliary Board Type: None  
 2014-04-08 02:19:53.320 Clock Type: Motorola M12  
 2014-04-08 02:19:53.320 PLD Version: 7.9  
 2014-04-08 02:19:53.320 Total Hours: 65190.74  
 2014-04-08 02:19:53.320 Power On Hours: 29821.13  
 2014-04-08 02:19:53.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-08 02:19:53.320 Total Number of Boots: 120  
 2014-04-08 02:19:53.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-08 02:19:53.320 Total Number of Re-Syncs: 213  
 2014-04-08 02:19:53.320 Status Inputs: 00000000  
 2014-04-08 02:19:53.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-04-08 02:19:53.320 Clock Quality: 100%  
 2014-04-08 02:19:53.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-08 02:19:53.320 Clock Phase: -2 usec. max allowed=50000  
 2014-04-08 02:19:53.320 Boom positions:  
 2014-04-08 02:19:53.320 Ch1: -34 Ch2: -35 Ch3: 45 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-08 02:19:53.320 Analog Status  
 2014-04-08 02:19:53.320 Analog Positive Supply: 5.46v  
 2014-04-08 02:19:53.320 Input Voltage: 13.20V  
 2014-04-08 02:19:53.320 System Temperature: 5C  
 2014-04-08 02:19:53.320 Main Current: 62ma  
 2014-04-08 02:19:53.320 Antenna Current: 0ma  
 2014-04-08 02:19:53.320 GPS Status  
 2014-04-08 02:19:53.320 Time: 02:19:53  
 2014-04-08 02:19:53.320 Date:  
 2014-04-08 02:19:53.320 Fix Type: 1-D  
 2014-04-08 02:19:53.320 Height:  
 2014-04-08 02:19:53.320 Latitude:  
 2014-04-08 02:19:53.320 Longitude:  
 2014-04-08 02:19:53.320 On Time: 0min  
 2014-04-08 02:19:53.320 Sat. Used: 0  
 2014-04-08 02:19:53.320 In View: 0  
 2014-04-08 02:19:53.320 Checksum Errors: 0  
 2014-04-08 02:19:53.320 Last GPS timemark: 2014-04-08 02:19:52  
 2014-04-08 02:19:53.320 PLL Status  
 2014-04-08 02:19:53.320 State: Lock  
 2014-04-08 02:19:53.320 Initial VCO: 2200.523193  
 2014-04-08 02:19:53.320 Time Error: 0.000000  
 2014-04-08 02:19:53.320 RMS VCO: 0.000000  
 2014-04-08 02:19:53.320 Best VCO: 2200.31  
 2014-04-08 02:19:53.320 Seconds Since Track or Lock: 0.0  
 2014-04-08 02:19:53.320 Vco Control: 2201  
 2014-04-08 02:19:53.320 timing mode: external seascan  
 2014-04-08 02:19:53.320 tempco normal  
 2014-04-08 02:19:53.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-08 02:19:53.320 Pfrac: 150.00  
 2014-04-08 02:19:53.320 VCO slope: -0.0175000  
 2014-04-08 02:19:53.320 VCO intercept: 7.1100001  
 2014-04-08 02:19:53.320 km delta: 600.0000000  
 2014-04-08 02:19:53.320 Logical Port 4 Status  
 2014-04-08 02:19:53.320 Data Packets Sent: 130485  
 2014-04-08 02:19:53.320 Flood Packets Sent: 0  
 2014-04-08 02:19:53.320 Packets Re-Sent: 122  
 2014-04-08 02:19:53.320 Sequence Errors: 0  
 2014-04-08 02:19:53.320 Packet Buffer Used: 14897252

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2014-04-08 02:19:53.320 Physical Port: Ethernet  
 2014-04-08 02:19:53.320 Baler Model: 14 Software Version: 2.28  
 2014-04-08 02:19:53.320 MAC Address: 00:04:FB:00:02:EA  
 2014-04-08 02:19:53.320 Disk Size: 20000669696  
 2014-04-08 02:19:53.320 Percent of 1177 data files in use: 2.3  
 2014-04-08 02:19:53.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-08 02:19:53.320 Channel Sensitivities (uV per count):  
 2014-04-08 02:19:53.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-08 02:19:53.320 Digitizer Calibration Results:  
 2014-04-08 02:19:53.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-08 02:19:53.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-08 02:19:53.320 DMU1 Software Version=10  
 2014-04-08 02:19:53.320 Supply Voltage=12.6  
 2014-04-08 02:19:53.320 Supply Current=0.42  
 2014-04-08 02:19:53.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-08 02:19:53.320 WebLink Data Maps Restored  
 2014-04-08 02:19:53.320 [2014-04-07 14:19:01.000000] sequence resumes: 130450 to  
 130450  
 2014-04-08 02:19:53.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-08 02:19:52  
 2014-04-08 02:23:18.470 [2014-04-08 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-04-08 02:23:18.470 Reducing Status Polling Interval  
 2014-04-08 02:23:18.470 [2014-04-08 02:24:07.000000] total packets received: 43557  
 2014-04-08 02:23:18.470 [2014-04-08 02:24:07.000000] command timeouts: 6  
 2014-04-08 02:23:18.470 [2014-04-08 02:24:07.000000] out of window: 18  
 2014-04-08 02:23:18.470 written: HHZ-708 HH1-699 HH2-694 BDH-451 VEP-1 VEC-2 VEA-1  
 VKI-1 VCO-1  
 2014-04-08 02:23:18.470 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-8 LH1-8 LH2-8 LDH-32  
 VMZ-1 VM1-1  
 2014-04-08 02:23:18.470 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-04-08 02:23:18.470 [2014-04-08 02:24:07.000000] Done: 2649 recs. seq end:  
 173956. run: 255 s  
 2014-04-08 14:25:00.360  
 2014-04-08 14:25:00.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-04-08 14:25:00.360 Control Port 2491 Opened  
 2014-04-08 14:25:00.360 Baler ready on Ethernet  
 2014-04-08 14:25:00.360 Power Cycled Baler Acknowledged  
 2014-04-08 14:25:00.360 Commands Accepted by Q330  
 2014-04-08 14:25:00.360 Access timeout: 300 sec  
 2014-04-08 14:25:00.360 Control Port 4023 Opened  
 2014-04-08 14:25:00.360 Data Port 4024 Opened  
 2014-04-08 14:25:00.360 Registered with Q330  
 2014-04-08 14:25:00.360 Combination Record Received  
 2014-04-08 14:25:00.360 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-04-08 14:25:00.360 Link Reset, starting window sequence: 42905  
 2014-04-08 14:25:00.360 GPS Receiver ID Received  
 2014-04-08 14:25:00.360 Manufacturer's Data Received, Property Tag=2017  
 2014-04-08 14:25:00.360 Digitizer Gain & Offsets Received  
 2014-04-08 14:25:00.360 Msg From 192.168.200.119:Baler XX-2017 readback. 2649 recs.  
 seq end: 173956  
 2014-04-08 14:25:00.360 Baler clock set to 2014-04-08 14:24:59  
 2014-04-08 14:25:00.360 Starting to Read DP Tokens  
 2014-04-08 14:25:00.360 DP Tokens loaded, size=1474 bytes  
 2014-04-08 14:25:00.360 webserver advertising 192.168.200.119:5380  
 2014-04-08 14:25:00.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-04-08 14:25:00.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-04-08 14:25:00.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-04-08 14:25:00.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-04-08 14:25:00.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-04-08 14:25:00.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-04-08 14:25:00.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-04-08 14:25:00.360 filters & delay LDH:4@1,Linear all=15.000000

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2014-04-08 14:25:00.360 [2014-04-08 02:24:07.000000] continuity found: 173956
450239047.000000 Q=100
2014-04-08 14:25:00.360 [2014-04-08 02:24:07.000000] restoring continuity
2014-04-08 14:25:00.360 Sending DT_OPEN
2014-04-08 14:25:00.360 Station: XX-2017
2014-04-08 14:25:00.360 Q330 Serial Number: 0100000DB18FC351
2014-04-08 14:25:00.360 AMB Serial Number: 0100000B6909DD82
2014-04-08 14:25:00.360 Seismo 1 Serial Number: 0000000000000000
2014-04-08 14:25:00.360 Seismo 2 Serial Number: 0000000000000000
2014-04-08 14:25:00.360 QAPCHP 1 Serial Number: 4643206
2014-04-08 14:25:00.360 QAPCHP 2 Serial Number: 3743050
2014-04-08 14:25:00.360 KMI Property Tag Number: 2017
2014-04-08 14:25:00.360 System Software Version: 1.146
2014-04-08 14:25:00.360 Slave Processor Version: 1.11
2014-04-08 14:25:00.360 Calibrator Type: QCAL330
2014-04-08 14:25:00.360 Calibrator Version: 1.8
2014-04-08 14:25:00.360 Auxiliary Board Type: None
2014-04-08 14:25:00.360 Clock Type: Motorola M12
2014-04-08 14:25:00.360 PLD Version: 7.9
2014-04-08 14:25:00.360 Total Hours: 65202.83
2014-04-08 14:25:00.360 Power On Hours: 29833.21
2014-04-08 14:25:00.360 Time of Last Boot: 2014-04-06 02:03:58
2014-04-08 14:25:00.360 Total Number of Boots: 120
2014-04-08 14:25:00.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-08 14:25:00.360 Total Number of Re-Syncs: 213
2014-04-08 14:25:00.360 Status Inputs: 00000000
2014-04-08 14:25:00.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-08 14:25:00.360 Clock Quality: 100%
2014-04-08 14:25:00.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-08 14:25:00.360 Clock Phase: 0 usec. max allowed=50000
2014-04-08 14:25:00.360 Boom positions:
2014-04-08 14:25:00.360 Ch1: -34 Ch2: -35 Ch3: 45 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-08 14:25:00.360 Analog Status
2014-04-08 14:25:00.360 Analog Positive Supply: 5.46V
2014-04-08 14:25:00.360 Input Voltage: 13.20V
2014-04-08 14:25:00.360 System Temperature: 5C
2014-04-08 14:25:00.360 Main Current: 62ma
2014-04-08 14:25:00.360 Antenna Current: 0ma
2014-04-08 14:25:00.360 GPS Status
2014-04-08 14:25:00.360 Time: 14:24:59
2014-04-08 14:25:00.360 Date:
2014-04-08 14:25:00.360 Fix Type: 1-D
2014-04-08 14:25:00.360 Height:
2014-04-08 14:25:00.360 Latitude:
2014-04-08 14:25:00.360 Longitude:
2014-04-08 14:25:00.360 On Time: 0min
2014-04-08 14:25:00.360 Sat. Used: 0
2014-04-08 14:25:00.360 In View: 0
2014-04-08 14:25:00.360 Checksum Errors: 0
2014-04-08 14:25:00.360 Last GPS timemark: 2014-04-08 14:24:58
2014-04-08 14:25:00.360 PLL Status
2014-04-08 14:25:00.360 State: Lock
2014-04-08 14:25:00.360 Initial VCO: 2200.942139
2014-04-08 14:25:00.360 Time Error: 0.000000
2014-04-08 14:25:00.360 RMS VCO: 0.0000000
2014-04-08 14:25:00.360 Best VCO: 2200.96
2014-04-08 14:25:00.360 Seconds Since Track or Lock: 0.0
2014-04-08 14:25:00.360 Vco Control: 2201
2014-04-08 14:25:00.360 timing mode: external seascan
2014-04-08 14:25:00.360 tempco normal
2014-04-08 14:25:00.360 PLL update: 10s PLL lock criterion: 5us
2014-04-08 14:25:00.360 Pfrac: 150.00
2014-04-08 14:25:00.360 VCO slope: -0.0175000

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2014-04-08 14:25:00.360 VCO intercept: 7.1100001
2014-04-08 14:25:00.360 Km delta: 600.0000000
2014-04-08 14:25:00.360 Logical Port 4 Status
2014-04-08 14:25:00.360 Data Packets Sent: 173997
2014-04-08 14:25:00.360 Flood Packets Sent: 0
2014-04-08 14:25:00.360 Packets Re-Sent: 155
2014-04-08 14:25:00.360 Sequence Errors: 0
2014-04-08 14:25:00.360 Packet Buffer Used: 14898964
2014-04-08 14:25:00.360 Physical Port: Ethernet
2014-04-08 14:25:00.360 Baler Model: 14   Software Version: 2.28
2014-04-08 14:25:00.360 MAC Address: 00:04:FB:00:02:EA
2014-04-08 14:25:00.360 Disk Size: 20000669696
2014-04-08 14:25:00.360 Percent of 1177 data files in use: 2.3
2014-04-08 14:25:00.360 Channels Enabled: 1234   Preamps ON channels:
2014-04-08 14:25:00.360 Channel Sensitivities (uV per count):
2014-04-08 14:25:00.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-08 14:25:00.360 Digitizer Calibration Results:
2014-04-08 14:25:00.360 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-04-08 14:25:00.360 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-04-08 14:25:00.360 DMU1 Software Version=10
2014-04-08 14:25:00.360 Supply Voltage=12.5
2014-04-08 14:25:00.360 Supply Current=0.41
2014-04-08 14:25:00.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-08 14:25:00.360 WebLink Data Maps Restored
2014-04-08 14:25:00.360 [2014-04-08 02:24:07.000000] sequence resumes: 173956 to
173956
2014-04-08 14:25:00.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-08 14:24:59
2014-04-08 14:29:20.210 Reducing Status Polling Interval
2014-04-08 14:29:20.210 [2014-04-08 14:29:19.999998] total packets received: 43578
2014-04-08 14:29:20.210 [2014-04-08 14:29:19.999998] command timeouts: 6
2014-04-08 14:29:20.210 [2014-04-08 14:29:19.999998] out of window: 33
2014-04-08 14:29:20.210 written: HHZ-709 HH1-698 HH2-694 BDH-452 VEP-2 VEC-1 VEA-2
VKI-2 VCO-2
2014-04-08 14:29:20.210 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-8 LH1-8 LH2-7 LDH-34
VMZ-2 VM1-2
2014-04-08 14:29:20.210 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-08 14:29:20.210 [2014-04-08 14:29:19.999998] Done: 2653 recs. seq end:
217469. run: 261 s
2014-04-09 02:30:12.280
2014-04-09 02:30:12.280 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-09 02:30:12.280 Control Port 2491 Opened
2014-04-09 02:30:12.280 Baler ready on Ethernet
2014-04-09 02:30:12.280 Power Cycled Baler Acknowledged
2014-04-09 02:30:12.280 Commands Accepted by Q330
2014-04-09 02:30:12.280 Access timeout: 300 sec
2014-04-09 02:30:12.280 Control Port 4023 Opened
2014-04-09 02:30:12.280 Data Port 4024 Opened
2014-04-09 02:30:12.280 Registered with Q330
2014-04-09 02:30:12.280 Combination Record Received
2014-04-09 02:30:12.280 Window=4   Min. Timeout=10   Max. Timeout=30
2014-04-09 02:30:12.280 Link Reset, starting window sequence: 20882
2014-04-09 02:30:12.280 GPS Receiver ID Received
2014-04-09 02:30:12.280 Manufacturer's Data Received, Property Tag=2017
2014-04-09 02:30:12.280 Digitizer Gain & Offsets Received
2014-04-09 02:30:12.280 Msg From 192.168.200.119:Baler XX-2017 readback. 2653 recs.
seq end: 217469
2014-04-09 02:30:12.280 Baler clock set to 2014-04-09 02:30:11
2014-04-09 02:30:12.280 Starting to Read DP Tokens
2014-04-09 02:30:12.280 DP Tokens loaded, size=1474 bytes
2014-04-09 02:30:12.280 webserver advertising 192.168.200.119:5380
2014-04-09 02:30:12.280 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-09 02:30:12.280 filters & delay HH1:2@100,Linear all=0.320000

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2014-04-09 02:30:12.280 filters & delay HH2:3@100,Linear all=0.320000
2014-04-09 02:30:12.280 filters & delay BDH:4@20,Linear all=1.650000
2014-04-09 02:30:12.280 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-09 02:30:12.280 filters & delay LH1:2@1,Linear all=15.000000
2014-04-09 02:30:12.280 filters & delay LH2:3@1,Linear all=15.000000
2014-04-09 02:30:12.280 filters & delay LDH:4@1,Linear all=15.000000
2014-04-09 02:30:12.280 [2014-04-08 14:29:19.999998] continuity found: 217469
450282560.000000 Q=100
2014-04-09 02:30:12.280 [2014-04-08 14:29:19.999998] restoring continuity
2014-04-09 02:30:12.280 Sending DT_OPEN
2014-04-09 02:30:12.280 Station: XX-2017
2014-04-09 02:30:12.280 Q330 Serial Number: 0100000DB18FC351
2014-04-09 02:30:12.280 AMB Serial Number: 0100000B6909DD82
2014-04-09 02:30:12.280 Seismo 1 Serial Number: 0000000000000000
2014-04-09 02:30:12.280 Seismo 2 Serial Number: 0000000000000000
2014-04-09 02:30:12.280 QAPCHP 1 Serial Number: 4643206
2014-04-09 02:30:12.280 QAPCHP 2 Serial Number: 3743050
2014-04-09 02:30:12.280 KMI Property Tag Number: 2017
2014-04-09 02:30:12.280 System Software Version: 1.146
2014-04-09 02:30:12.280 Slave Processor Version: 1.11
2014-04-09 02:30:12.280 Calibrator Type: QCAL330
2014-04-09 02:30:12.280 Calibrator Version: 1.8
2014-04-09 02:30:12.280 Auxiliary Board Type: None
2014-04-09 02:30:12.280 Clock Type: Motorola M12
2014-04-09 02:30:12.280 PLD Version: 7.9
2014-04-09 02:30:12.280 Total Hours: 65214.91
2014-04-09 02:30:12.280 Power On Hours: 29845.30
2014-04-09 02:30:12.280 Time of Last Boot: 2014-04-06 02:03:58
2014-04-09 02:30:12.280 Total Number of Boots: 120
2014-04-09 02:30:12.280 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-09 02:30:12.280 Total Number of Re-Syncs: 213
2014-04-09 02:30:12.280 Status Inputs: 00000000
2014-04-09 02:30:12.280 AC OK: Off, Input 1,2: off,off, Analog Fault: off
2014-04-09 02:30:12.280 Clock Quality: 100%
2014-04-09 02:30:12.280 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-09 02:30:12.280 Clock Phase: 0 usec. max allowed=50000
2014-04-09 02:30:12.280 Boom positions:
2014-04-09 02:30:12.280 Ch1: -34 Ch2: -35 Ch3: 45 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-09 02:30:12.280 Analog Status
2014-04-09 02:30:12.280 Analog Positive Supply: 5.46V
2014-04-09 02:30:12.280 Input Voltage: 13.05V
2014-04-09 02:30:12.280 System Temperature: 5C
2014-04-09 02:30:12.280 Main Current: 62ma
2014-04-09 02:30:12.280 Antenna Current: 0ma
2014-04-09 02:30:12.280 GPS Status
2014-04-09 02:30:12.280 Time: 02:30:11
2014-04-09 02:30:12.280 Date:
2014-04-09 02:30:12.280 Fix Type: 1-D
2014-04-09 02:30:12.280 Height:
2014-04-09 02:30:12.280 Latitude:
2014-04-09 02:30:12.280 Longitude:
2014-04-09 02:30:12.280 On Time: 0min
2014-04-09 02:30:12.280 Sat. Used: 0
2014-04-09 02:30:12.280 Checksum Errors: 0
2014-04-09 02:30:12.280 Last GPS timemark: 2014-04-09 02:30:10
2014-04-09 02:30:12.280 PLL Status
2014-04-09 02:30:12.280 State: Lock
2014-04-09 02:30:12.280 Initial VCO: 2201.112793
2014-04-09 02:30:12.280 Time Error: 0.000000
2014-04-09 02:30:12.280 RMS VCO: 0.0000000
2014-04-09 02:30:12.280 Best VCO: 2201.16
2014-04-09 02:30:12.280 Seconds Since Track or Lock: 0.0
2014-04-09 02:30:12.280 vco control: 2201

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2014-04-09 02:30:12.280 timing mode: external seascan  
 2014-04-09 02:30:12.280 tempco normal  
 2014-04-09 02:30:12.280 PLL update: 10s PLL lock criterion: 5us  
 2014-04-09 02:30:12.280 Pfrac: 150.00  
 2014-04-09 02:30:12.280 VCO slope: -0.0175000  
 2014-04-09 02:30:12.280 VCO intercept: 7.1100001  
 2014-04-09 02:30:12.280 km delta: 600.0000000  
 2014-04-09 02:30:12.280 Logical Port 4 Status  
 2014-04-09 02:30:12.280 Data Packets Sent: 217515  
 2014-04-09 02:30:12.280 Flood Packets Sent: 0  
 2014-04-09 02:30:12.280 Packets Re-Sent: 202  
 2014-04-09 02:30:12.280 Sequence Errors: 0  
 2014-04-09 02:30:12.280 Packet Buffer Used: 14891776  
 2014-04-09 02:30:12.280 Physical Port: Ethernet  
 2014-04-09 02:30:12.280 Baler Model: 14 Software Version: 2.28  
 2014-04-09 02:30:12.280 MAC Address: 00:04:FB:00:02:EA  
 2014-04-09 02:30:12.280 Disk Size: 20000669696  
 2014-04-09 02:30:12.280 Percent of 1177 data files in use: 2.4  
 2014-04-09 02:30:12.280 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-09 02:30:12.280 Channel Sensitivities (uV per count):  
 2014-04-09 02:30:12.280 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-09 02:30:12.280 Digitizer Calibration Results:  
 2014-04-09 02:30:12.280 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-09 02:30:12.280 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-09 02:30:12.280 DMU1 Software Version=10  
 2014-04-09 02:30:12.280 Supply Voltage=12.4  
 2014-04-09 02:30:12.280 Supply Current=0.42  
 2014-04-09 02:30:12.280 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-09 02:30:12.280 webLink Data Maps Restored  
 2014-04-09 02:30:12.280 [2014-04-08 14:29:19.999998] sequence resumes: 217469 to  
 217469  
 2014-04-09 02:30:12.280 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-09 02:30:11  
 2014-04-09 02:33:31.710 [2014-04-09 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-04-09 02:33:31.710 Reducing Status Polling Interval  
 2014-04-09 02:33:31.710 [2014-04-09 02:34:27.000000] total packets received: 43568  
 2014-04-09 02:33:31.710 [2014-04-09 02:34:27.000000] command timeouts: 6  
 2014-04-09 02:33:31.710 [2014-04-09 02:34:27.000000] out of window: 28  
 2014-04-09 02:33:31.710 written: HHZ-707 HH1-698 HH2-694 BDH-452 VEP-1 VEC-2 VEA-1  
 VKI-1 VCO-1  
 2014-04-09 02:33:31.710 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-8 LH1-8 LH2-8 LDH-34  
 VMZ-1 VM1-1  
 2014-04-09 02:33:31.710 written: VM2-1 LOG-2 ACE-2 OCF-2  
 2014-04-09 02:33:31.710 [2014-04-09 02:34:27.000000] Done: 2649 recs. seq end:  
 260976. run: 257 s  
 2014-04-09 14:35:23.320  
 2014-04-09 14:35:23.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-04-09 14:35:23.320 Control Port 2491 Opened  
 2014-04-09 14:35:23.320 Baler ready on Ethernet  
 2014-04-09 14:35:23.320 Power Cycled Baler Acknowledged  
 2014-04-09 14:35:23.320 Commands Accepted by Q330  
 2014-04-09 14:35:23.320 Access timeout: 300 sec  
 2014-04-09 14:35:23.320 Control Port 4023 Opened  
 2014-04-09 14:35:23.320 Data Port 4024 Opened  
 2014-04-09 14:35:23.320 Registered with Q330  
 2014-04-09 14:35:23.320 Combination Record Received  
 2014-04-09 14:35:23.320 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-04-09 14:35:23.320 Link Reset, starting window sequence: 64390  
 2014-04-09 14:35:23.320 GPS Receiver ID Received  
 2014-04-09 14:35:23.320 Manufacturer's Data Received, Property Tag=2017  
 2014-04-09 14:35:23.320 Digitizer Gain & Offsets Received  
 2014-04-09 14:35:23.320 Msg From 192.168.200.119:Baler XX-2017 readback. 2649 recs.

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seq end: 260976

2014-04-09 14:35:23.320 Baler clock set to 2014-04-09 14:35:22  
 2014-04-09 14:35:23.320 Starting to Read DP Tokens  
 2014-04-09 14:35:23.320 DP Tokens loaded, size=1474 bytes  
 2014-04-09 14:35:23.320 webserver advertising 192.168.200.119:5380  
 2014-04-09 14:35:23.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-04-09 14:35:23.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-04-09 14:35:23.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-04-09 14:35:23.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-04-09 14:35:23.320 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-04-09 14:35:23.320 filters & delay LH1:2@1,Linear all=15.000000  
 2014-04-09 14:35:23.320 filters & delay LH2:3@1,Linear all=15.000000  
 2014-04-09 14:35:23.320 filters & delay LDH:4@1,Linear all=15.000000  
 2014-04-09 14:35:23.320 [2014-04-09 02:34:27.000000] continuity found: 260976  
 450326067.000000 Q=100  
 2014-04-09 14:35:23.320 [2014-04-09 02:34:27.000000] restoring continuity  
 2014-04-09 14:35:23.320 Sending DT\_OPEN  
 2014-04-09 14:35:23.320 Station: XX-2017  
 2014-04-09 14:35:23.320 Q330 Serial Number: 0100000DB18FC351  
 2014-04-09 14:35:23.320 AMB Serial Number: 0100000B6909DD82  
 2014-04-09 14:35:23.320 Seismo 1 Serial Number: 0000000000000000  
 2014-04-09 14:35:23.320 Seismo 2 Serial Number: 0000000000000000  
 2014-04-09 14:35:23.320 QAPCHP 1 Serial Number: 4643206  
 2014-04-09 14:35:23.320 QAPCHP 2 Serial Number: 3743050  
 2014-04-09 14:35:23.320 KMI Property Tag Number: 2017  
 2014-04-09 14:35:23.320 System Software Version: 1.146  
 2014-04-09 14:35:23.320 Slave Processor Version: 1.11  
 2014-04-09 14:35:23.320 Calibrator Type: QCAL330  
 2014-04-09 14:35:23.320 Calibrator Version: 1.8  
 2014-04-09 14:35:23.320 Auxiliary Board Type: None  
 2014-04-09 14:35:23.320 Clock Type: Motorola M12  
 2014-04-09 14:35:23.320 PLD Version: 7.9  
 2014-04-09 14:35:23.320 Total Hours: 65227.00  
 2014-04-09 14:35:23.320 Power On Hours: 29857.38  
 2014-04-09 14:35:23.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-09 14:35:23.320 Total Number of Boots: 120  
 2014-04-09 14:35:23.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-09 14:35:23.320 Total Number of Re-Syncs: 213  
 2014-04-09 14:35:23.320 Status Inputs: 00000000  
 2014-04-09 14:35:23.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-09 14:35:23.320 Clock Quality: 100%  
 2014-04-09 14:35:23.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-09 14:35:23.320 Clock Phase: 0 usec. max allowed=50000  
 2014-04-09 14:35:23.320 Boom positions:  
 2014-04-09 14:35:23.320 Ch1: -3 Ch2: -5 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-09 14:35:23.320 Analog Status  
 2014-04-09 14:35:23.320 Analog Positive Supply: 5.46V  
 2014-04-09 14:35:23.320 Input Voltage: 13.20V  
 2014-04-09 14:35:23.320 System Temperature: 5C  
 2014-04-09 14:35:23.320 Main Current: 62ma  
 2014-04-09 14:35:23.320 Antenna Current: 0ma  
 2014-04-09 14:35:23.320 GPS Status  
 2014-04-09 14:35:23.320 Time: 14:35:22  
 2014-04-09 14:35:23.320 Date:  
 2014-04-09 14:35:23.320 Fix Type: 1-D  
 2014-04-09 14:35:23.320 Height:  
 2014-04-09 14:35:23.320 Latitude:  
 2014-04-09 14:35:23.320 Longitude:  
 2014-04-09 14:35:23.320 On Time: 0min  
 2014-04-09 14:35:23.320 Sat. Used: 0  
 2014-04-09 14:35:23.320 In View: 0  
 2014-04-09 14:35:23.320 Checksum Errors: 0  
 2014-04-09 14:35:23.320 Last GPS timemark: 2014-04-09 14:35:21

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2014-04-09 14:35:23.320 PLL Status
2014-04-09 14:35:23.320 State: Lock
2014-04-09 14:35:23.320 Initial VCO: 2201.363037
2014-04-09 14:35:23.320 Time Error: 0.000000
2014-04-09 14:35:23.320 RMS VCO: 0.0000000
2014-04-09 14:35:23.320 Best VCO: 2201.26
2014-04-09 14:35:23.320 Seconds Since Track or Lock: 0.0
2014-04-09 14:35:23.320 Vco Control: 2201
2014-04-09 14:35:23.320 timing mode: external seascan
2014-04-09 14:35:23.320 tempco normal
2014-04-09 14:35:23.320 PLL update: 10s PLL lock criterion: 5us
2014-04-09 14:35:23.320 Pfrac: 150.00
2014-04-09 14:35:23.320 VCO slope: -0.0175000
2014-04-09 14:35:23.320 VCO intercept: 7.1100001
2014-04-09 14:35:23.320 km delta: 600.0000000
2014-04-09 14:35:23.320 Logical Port 4 Status
2014-04-09 14:35:23.320 Data Packets Sent: 261028
2014-04-09 14:35:23.320 Flood Packets Sent: 0
2014-04-09 14:35:23.320 Packets Re-Sent: 244
2014-04-09 14:35:23.320 Sequence Errors: 0
2014-04-09 14:35:23.320 Packet Buffer Used: 20797080
2014-04-09 14:35:23.320 Physical Port: Ethernet
2014-04-09 14:35:23.320 Baler Model: 14 Software Version: 2.28
2014-04-09 14:35:23.320 MAC Address: 00:04:FB:00:02:EA
2014-04-09 14:35:23.320 Disk Size: 20000669696
2014-04-09 14:35:23.320 Percent of 1177 data files in use: 2.6
2014-04-09 14:35:23.320 Channels Enabled: 1234 Preamps ON channels:
2014-04-09 14:35:23.320 Channel Sensitivities (uV per count):
2014-04-09 14:35:23.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-09 14:35:23.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-09 14:35:23.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-09 14:35:23.320 DMU1 Software Version=10
2014-04-09 14:35:23.320 Supply Voltage=12.6
2014-04-09 14:35:23.320 Supply Current=0.40
2014-04-09 14:35:23.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-09 14:35:23.320 WebLink Data Maps Restored
2014-04-09 14:35:23.320 [2014-04-09 02:34:27.000000] sequence resumes: 260976 to
260976
2014-04-09 14:35:23.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-09 14:35:22
2014-04-09 14:40:48.150 Reducing Status Polling Interval
2014-04-09 14:40:48.150 [2014-04-09 14:40:46.999998] total packets received: 53518
2014-04-09 14:40:48.150 [2014-04-09 14:40:46.999998] command timeouts: 6
2014-04-09 14:40:48.150 [2014-04-09 14:40:46.999998] out of window: 52
2014-04-09 14:40:48.150 written: HHZ-1092 HH1-1239 HH2-1234 BDH-454 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-04-09 14:40:48.150 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-19 LH1-21 LH2-22 LDH-36
VMZ-1 VM1-1
2014-04-09 14:40:48.150 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-09 14:40:48.150 [2014-04-09 14:40:46.999998] Done: 4156 recs. seq end:
304556. run: 321 s
2014-04-10 02:41:39.340
2014-04-10 02:41:39.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-10 02:41:39.340 Control Port 2491 Opened
2014-04-10 02:41:39.340 Baler ready on Ethernet
2014-04-10 02:41:39.340 Power Cycled Baler Acknowledged
2014-04-10 02:41:39.340 Commands Accepted by Q330
2014-04-10 02:41:39.340 Access timeout: 300 sec
2014-04-10 02:41:39.340 Control Port 4023 Opened
2014-04-10 02:41:39.340 Data Port 4024 Opened
2014-04-10 02:41:39.340 Registered with Q330
2014-04-10 02:41:39.340 Combination Record Received
2014-04-10 02:41:39.340 window=4 Min. Timeout=10 Max. Timeout=30

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2014-04-10 02:41:39.340 Link Reset, starting window sequence: 52284  
 2014-04-10 02:41:39.340 GPS Receiver ID Received  
 2014-04-10 02:41:39.340 Manufacturer's Data Received, Property Tag=2017  
 2014-04-10 02:41:39.340 Digitizer Gain & Offsets Received  
 2014-04-10 02:41:39.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4156 recs.  
 seq end: 304556  
 2014-04-10 02:41:39.340 Baler clock set to 2014-04-10 02:41:38  
 2014-04-10 02:41:39.340 Starting to Read DP Tokens  
 2014-04-10 02:41:39.340 DP Tokens loaded, size=1474 bytes  
 2014-04-10 02:41:39.340 webserver advertising 192.168.200.119:5380  
 2014-04-10 02:41:39.340 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-04-10 02:41:39.340 filters & delay HH1:2@100,Linear all=0.320000  
 2014-04-10 02:41:39.340 filters & delay HH2:3@100,Linear all=0.320000  
 2014-04-10 02:41:39.340 filters & delay BDH:4@20,Linear all=1.650000  
 2014-04-10 02:41:39.340 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-04-10 02:41:39.340 filters & delay LH1:2@1,Linear all=15.000000  
 2014-04-10 02:41:39.340 filters & delay LH2:3@1,Linear all=15.000000  
 2014-04-10 02:41:39.340 filters & delay LDH:4@1,Linear all=15.000000  
 2014-04-10 02:41:39.340 [2014-04-09 14:40:46.999998] continuity found: 304556  
 450369647.000000 Q=100  
 2014-04-10 02:41:39.340 [2014-04-09 14:40:46.999998] restoring continuity  
 2014-04-10 02:41:39.340 Sending DT\_OPEN  
 2014-04-10 02:41:39.340 Station: XX-2017  
 2014-04-10 02:41:39.340 Q330 Serial Number: 0100000DB18FC351  
 2014-04-10 02:41:39.340 AMB Serial Number: 0100000B6909DD82  
 2014-04-10 02:41:39.340 Seismo 1 Serial Number: 0000000000000000  
 2014-04-10 02:41:39.340 Seismo 2 Serial Number: 0000000000000000  
 2014-04-10 02:41:39.340 QAPCHP 1 Serial Number: 4643206  
 2014-04-10 02:41:39.340 QAPCHP 2 Serial Number: 3743050  
 2014-04-10 02:41:39.340 KMI Property Tag Number: 2017  
 2014-04-10 02:41:39.340 System Software Version: 1.146  
 2014-04-10 02:41:39.340 Slave Processor Version: 1.11  
 2014-04-10 02:41:39.340 Calibrator Type: QCAL330  
 2014-04-10 02:41:39.340 Calibrator Version: 1.8  
 2014-04-10 02:41:39.340 Auxiliary Board Type: None  
 2014-04-10 02:41:39.340 Clock Type: Motorola M12  
 2014-04-10 02:41:39.340 PLD Version: 7.9  
 2014-04-10 02:41:39.340 Total Hours: 65239.10  
 2014-04-10 02:41:39.340 Power On Hours: 29869.49  
 2014-04-10 02:41:39.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-10 02:41:39.340 Total Number of Boots: 120  
 2014-04-10 02:41:39.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-10 02:41:39.340 Total Number of Re-Syncs: 213  
 2014-04-10 02:41:39.340 Status Inputs: 00000000  
 2014-04-10 02:41:39.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-10 02:41:39.340 Clock Quality: 100%  
 2014-04-10 02:41:39.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-10 02:41:39.340 Clock Phase: 0 usec. max allowed=50000  
 2014-04-10 02:41:39.340 Boom positions:  
 2014-04-10 02:41:39.340 Ch1: -2 Ch2: -4 Ch3: -23 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-10 02:41:39.340 Analog Status  
 2014-04-10 02:41:39.340 Analog Positive Supply: 5.46V  
 2014-04-10 02:41:39.340 Input Voltage: 13.20V  
 2014-04-10 02:41:39.340 System Temperature: 5C  
 2014-04-10 02:41:39.340 Main Current: 62ma  
 2014-04-10 02:41:39.340 Antenna Current: 0ma  
 2014-04-10 02:41:39.340 GPS Status  
 2014-04-10 02:41:39.340 Time: 02:41:38  
 2014-04-10 02:41:39.340 Date:  
 2014-04-10 02:41:39.340 Fix Type: 1-D  
 2014-04-10 02:41:39.340 Height:  
 2014-04-10 02:41:39.340 Latitude:  
 2014-04-10 02:41:39.340 Longitude:

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2014-04-10 02:41:39.340 On Time: 0min
2014-04-10 02:41:39.340 Sat. Used: 0
2014-04-10 02:41:39.340 In View: 0
2014-04-10 02:41:39.340 Checksum Errors: 0
2014-04-10 02:41:39.340 Last GPS timemark: 2014-04-10 02:41:37
2014-04-10 02:41:39.340 PLL Status
2014-04-10 02:41:39.340 State: Lock
2014-04-10 02:41:39.340 Initial VCO: 2201.560791
2014-04-10 02:41:39.340 Time Error: 0.000000
2014-04-10 02:41:39.340 RMS VCO: 0.0000000
2014-04-10 02:41:39.340 Best VCO: 2201.61
2014-04-10 02:41:39.340 Seconds Since Track or Lock: 0.0
2014-04-10 02:41:39.340 Vco Control: 2201
2014-04-10 02:41:39.340 timing mode: external seascan
2014-04-10 02:41:39.340 tempco normal
2014-04-10 02:41:39.340 PLL update: 10s PLL lock criterion: 5us
2014-04-10 02:41:39.340 Pfrac: 150.00
2014-04-10 02:41:39.340 VCO slope: -0.0175000
2014-04-10 02:41:39.340 VCO intercept: 7.1100001
2014-04-10 02:41:39.340 Km delta: 600.0000000
2014-04-10 02:41:39.340 Logical Port 4 Status
2014-04-10 02:41:39.340 Data Packets Sent: 314464
2014-04-10 02:41:39.340 Flood Packets Sent: 0
2014-04-10 02:41:39.340 Packets Re-Sent: 309
2014-04-10 02:41:39.340 Sequence Errors: 0
2014-04-10 02:41:39.340 Packet Buffer Used: 23961948
2014-04-10 02:41:39.340 Physical Port: Ethernet
2014-04-10 02:41:39.340 Baler Model: 14 Software Version: 2.28
2014-04-10 02:41:39.340 MAC Address: 00:04:FB:00:02:EA
2014-04-10 02:41:39.340 Disk Size: 20000669696
2014-04-10 02:41:39.340 Percent of 1177 data files in use: 2.6
2014-04-10 02:41:39.340 Channels Enabled: 1234 Preamps ON channels:
2014-04-10 02:41:39.340 Channel Sensitivities (uV per count):
2014-04-10 02:41:39.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-10 02:41:39.340 Digitizer Calibration Results:
2014-04-10 02:41:39.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-10 02:41:39.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-10 02:41:39.340 DMU1 Software Version=10
2014-04-10 02:41:39.340 Supply Voltage=12.6
2014-04-10 02:41:39.340 Supply Current=0.42
2014-04-10 02:41:39.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-10 02:41:39.340 WebLink Data Maps Restored
2014-04-10 02:41:39.340 [2014-04-09 14:40:46.999998] sequence resumes: 304556 to
304556
2014-04-10 02:41:39.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-10 02:41:38
2014-04-10 02:45:24.040 Reducing Status Polling Interval
2014-04-10 02:45:24.040 [2014-04-10 00:00:00.000000] Saving Configuration to Backup
Memory
2014-04-10 02:47:38.890 [2014-04-10 02:41:16.000000] total packets received: 68386
2014-04-10 02:47:38.890 [2014-04-10 02:41:16.000000] command timeouts: 6
2014-04-10 02:47:38.890 [2014-04-10 02:41:16.000000] out of window: 55
2014-04-10 02:47:38.890 written: HHZ-1288 HH1-1493 HH2-1512 BDH-454 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-10 02:47:38.890 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-33 LH2-34 LDH-42
VM2-2 VM1-2
2014-04-10 02:47:38.890 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-10 02:47:38.890 [2014-04-10 02:41:16.000000] Done: 4928 recs. seq end:
347785. run: 356 s
2014-04-10 14:48:32.330
2014-04-10 14:48:32.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-10 14:48:32.330 Control Port 2491 Opened
2014-04-10 14:48:32.330 Baler ready on Ethernet

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2014-04-10 14:48:32.330 Power Cycled Baler Acknowledged
2014-04-10 14:48:32.330 Access timeout: 300 sec
2014-04-10 14:48:32.330 Control Port 4023 Opened
2014-04-10 14:48:32.330 Data Port 4024 Opened
2014-04-10 14:48:32.330 Registered with Q330
2014-04-10 14:48:32.330 Combination Record Received
2014-04-10 14:48:32.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-10 14:48:32.330 Link Reset, starting window sequence: 55022
2014-04-10 14:48:32.330 GPS Receiver ID Received
2014-04-10 14:48:32.330 Manufacturer's Data Received, Property Tag=2017
2014-04-10 14:48:32.330 Digitizer Gain & Offsets Received
2014-04-10 14:48:32.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4928 recs.
seq end: 347785
2014-04-10 14:48:32.330 Baler clock set to 2014-04-10 14:48:31
2014-04-10 14:48:32.330 Starting to Read DP Tokens
2014-04-10 14:48:32.330 DP Tokens loaded, size=1474 bytes
2014-04-10 14:48:32.330 webserver advertising 192.168.200.119:5380
2014-04-10 14:48:32.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-10 14:48:32.330 filters & delay HH1:2@100,Linear all=0.320000
2014-04-10 14:48:32.330 filters & delay HH2:3@100,Linear all=0.320000
2014-04-10 14:48:32.330 filters & delay BDH:4@20,Linear all=1.650000
2014-04-10 14:48:32.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-10 14:48:32.330 filters & delay LH1:2@1,Linear all=15.000000
2014-04-10 14:48:32.330 filters & delay LH2:3@1,Linear all=15.000000
2014-04-10 14:48:32.330 filters & delay LDH:4@1,Linear all=15.000000
2014-04-10 14:48:32.330 [2014-04-10 02:41:16.000000] continuity found: 347785
450412876.000000 Q=100
2014-04-10 14:48:32.330 [2014-04-10 02:41:16.000000] restoring continuity
2014-04-10 14:48:32.330 Sending DT_OPEN
2014-04-10 14:48:32.330 Station: XX-2017
2014-04-10 14:48:32.330 Q330 Serial Number: 0100000DB18FC351
2014-04-10 14:48:32.330 AMB Serial Number: 0100000B6909DD82
2014-04-10 14:48:32.330 Seismo 1 Serial Number: 0000000000000000
2014-04-10 14:48:32.330 Seismo 2 Serial Number: 0000000000000000
2014-04-10 14:48:32.330 QAPCHP 1 Serial Number: 4643206
2014-04-10 14:48:32.330 QAPCHP 2 Serial Number: 3743050
2014-04-10 14:48:32.330 KMI Property Tag Number: 2017
2014-04-10 14:48:32.330 System Software Version: 1.146
2014-04-10 14:48:32.330 Slave Processor Version: 1.11
2014-04-10 14:48:32.330 Calibrator Type: QCAL330
2014-04-10 14:48:32.330 Calibrator Version: 1.8
2014-04-10 14:48:32.330 Auxiliary Board Type: None
2014-04-10 14:48:32.330 Clock Type: Motorola M12
2014-04-10 14:48:32.330 PLD Version: 7.9
2014-04-10 14:48:32.330 Total Hours: 65251.22
2014-04-10 14:48:32.330 Power On Hours: 29881.60
2014-04-10 14:48:32.330 Time of Last Boot: 2014-04-06 02:03:58
2014-04-10 14:48:32.330 Total Number of Boots: 120
2014-04-10 14:48:32.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-10 14:48:32.330 Total Number of Re-Syncs: 213
2014-04-10 14:48:32.330 Status Inputs: 00000000
2014-04-10 14:48:32.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-10 14:48:32.330 Clock Quality: 100%
2014-04-10 14:48:32.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-10 14:48:32.330 Clock Phase: -2 usec. max allowed=50000
2014-04-10 14:48:32.330 Boom positions:
2014-04-10 14:48:32.330 ch1: -3 ch2: 6 ch3: -8 ch4: 20 ch5: 20 ch6: 20
2014-04-10 14:48:32.330 Analog Status
2014-04-10 14:48:32.330 Analog Positive Supply: 5.46V
2014-04-10 14:48:32.330 Input Voltage: 13.20V
2014-04-10 14:48:32.330 System Temperature: 5C
2014-04-10 14:48:32.330 Main Current: 62ma
2014-04-10 14:48:32.330 Antenna Current: 0ma

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2014-04-10 14:48:32.330 GPS Status
2014-04-10 14:48:32.330 Time: 14:48:32
2014-04-10 14:48:32.330 Date:
2014-04-10 14:48:32.330 Fix Type: 1-D
2014-04-10 14:48:32.330 Height:
2014-04-10 14:48:32.330 Latitude:
2014-04-10 14:48:32.330 Longitude:
2014-04-10 14:48:32.330 On Time: 0min
2014-04-10 14:48:32.330 Sat. Used: 0
2014-04-10 14:48:32.330 In View: 0
2014-04-10 14:48:32.330 Checksum Errors: 0
2014-04-10 14:48:32.330 Last GPS timemark: 2014-04-10 14:48:31
2014-04-10 14:48:32.330 PLL Status
2014-04-10 14:48:32.330 State: Lock
2014-04-10 14:48:32.330 Initial VCO: 2201.497803
2014-04-10 14:48:32.330 Time Error: 0.000000
2014-04-10 14:48:32.330 RMS VCO: 0.0000000
2014-04-10 14:48:32.330 Best VCO: 2201.23
2014-04-10 14:48:32.330 Seconds Since Track or Lock: 0.0
2014-04-10 14:48:32.330 Vco Control: 2201
2014-04-10 14:48:32.330 timing mode: external seascan
2014-04-10 14:48:32.330 tempco normal
2014-04-10 14:48:32.330 PLL update: 10s PLL lock criterion: 5us
2014-04-10 14:48:32.330 Pfrac: 150.00
2014-04-10 14:48:32.330 VCO slope: -0.0175000
2014-04-10 14:48:32.330 VCO intercept: 7.1100001
2014-04-10 14:48:32.330 km delta: 600.0000000
2014-04-10 14:48:32.330 Logical Port 4 Status
2014-04-10 14:48:32.330 Data Packets Sent: 382743
2014-04-10 14:48:32.330 Flood Packets Sent: 0
2014-04-10 14:48:32.330 Packets Re-Sent: 384
2014-04-10 14:48:32.330 Sequence Errors: 0
2014-04-10 14:48:32.330 Packet Buffer Used: 23099376
2014-04-10 14:48:32.330 Physical Port: Ethernet
2014-04-10 14:48:32.330 Baler Model: 14 Software Version: 2.28
2014-04-10 14:48:32.330 MAC Address: 00:04:FB:00:02:EA
2014-04-10 14:48:32.330 Disk Size: 20000669696
2014-04-10 14:48:32.330 Percent of 1177 data files in use: 2.6
2014-04-10 14:48:32.330 Channels Enabled: 1234 Preamps ON channels:
2014-04-10 14:48:32.330 Channel Sensitivities (uV per count):
2014-04-10 14:48:32.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-10 14:48:32.330 Digitizer Calibration Results:
2014-04-10 14:48:32.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-10 14:48:32.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-10 14:48:32.330 DMU1 Software Version=10
2014-04-10 14:48:32.330 Supply Voltage=12.6
2014-04-10 14:48:32.330 Supply Current=0.41
2014-04-10 14:48:32.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-10 14:48:32.330 webLink Data Maps Restored
2014-04-10 14:48:32.330 [2014-04-10 02:41:16.000000] sequence resumes: 347785 to
347785
2014-04-10 14:48:32.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-10 14:48:31
2014-04-10 14:49:45.320 Reducing Status Polling Interval
2014-04-10 14:54:11.930 [2014-04-10 14:51:59.000000] total packets received: 53156
2014-04-10 14:54:11.930 [2014-04-10 14:51:59.000000] command timeouts: 6
2014-04-10 14:54:11.930 [2014-04-10 14:51:59.000000] out of window: 57
2014-04-10 14:54:11.930 written: HHZ-1221 HH1-1440 HH2-1451 BDH-456 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-04-10 14:54:11.930 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-29 LH2-30 LDH-40
VMZ-1 VM1-1
2014-04-10 14:54:11.930 written: VM2-1 OAC-1 LOG-3 ACE-1 OCF-1
2014-04-10 14:54:11.930 [2014-04-10 14:51:59.000000] Done: 4730 recs. seq end:

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391628. run: 334 s
2014-04-11 02:55:03.340
2014-04-11 02:55:03.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-11 02:55:03.340 Control Port 2491 Opened
2014-04-11 02:55:03.340 Baler ready on Ethernet
2014-04-11 02:55:03.340 Power Cycled Baler Acknowledged
2014-04-11 02:55:03.340 Commands Accepted by Q330
2014-04-11 02:55:03.340 Access timeout: 300 sec
2014-04-11 02:55:03.340 Control Port 4023 Opened
2014-04-11 02:55:03.340 Data Port 4024 Opened
2014-04-11 02:55:03.340 Registered with Q330
2014-04-11 02:55:03.340 Combination Record Received
2014-04-11 02:55:03.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-11 02:55:03.340 Link Reset, starting window sequence: 42509
2014-04-11 02:55:03.340 GPS Receiver ID Received
2014-04-11 02:55:03.340 Manufacturer's Data Received, Property Tag=2017
2014-04-11 02:55:03.340 Digitizer Gain & Offsets Received
2014-04-11 02:55:03.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4730 recs.
seq end: 391628
2014-04-11 02:55:03.340 Baler clock set to 2014-04-11 02:55:02
2014-04-11 02:55:03.340 Starting to Read DP Tokens
2014-04-11 02:55:03.340 DP Tokens loaded, size=1474 bytes
2014-04-11 02:55:03.340 webserver advertising 192.168.200.119:5380
2014-04-11 02:55:03.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-11 02:55:03.340 filters & delay HH1:2@100,Linear all=0.320000
2014-04-11 02:55:03.340 filters & delay HH2:3@100,Linear all=0.320000
2014-04-11 02:55:03.340 filters & delay BDH:4@20,Linear all=1.650000
2014-04-11 02:55:03.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-11 02:55:03.340 filters & delay LH1:2@1,Linear all=15.000000
2014-04-11 02:55:03.340 filters & delay LH2:3@1,Linear all=15.000000
2014-04-11 02:55:03.340 filters & delay LDH:4@1,Linear all=15.000000
2014-04-11 02:55:03.340 [2014-04-10 14:51:59.000000] continuity found: 391628
450456719.000000 Q=100
2014-04-11 02:55:03.340 [2014-04-10 14:51:59.000000] restoring continuity
2014-04-11 02:55:03.340 Station: XX-2017
2014-04-11 02:55:03.340 Q330 Serial Number: 0100000DB18FC351
2014-04-11 02:55:03.340 AMB Serial Number: 0100000B6909DD82
2014-04-11 02:55:03.340 Seismo 1 Serial Number: 0000000000000000
2014-04-11 02:55:03.340 Seismo 2 Serial Number: 0000000000000000
2014-04-11 02:55:03.340 QAPCHP 1 Serial Number: 4643206
2014-04-11 02:55:03.340 QAPCHP 2 Serial Number: 3743050
2014-04-11 02:55:03.340 KMI Property Tag Number: 2017
2014-04-11 02:55:03.340 System Software Version: 1.146
2014-04-11 02:55:03.340 Slave Processor Version: 1.11
2014-04-11 02:55:03.340 Calibrator Type: QCAL330
2014-04-11 02:55:03.340 Calibrator Version: 1.8
2014-04-11 02:55:03.340 Auxiliary Board Type: None
2014-04-11 02:55:03.340 Clock Type: Motorola M12
2014-04-11 02:55:03.340 PLD Version: 7.9
2014-04-11 02:55:03.340 Total Hours: 65263.33
2014-04-11 02:55:03.340 Power On Hours: 29893.71
2014-04-11 02:55:03.340 Time of Last Boot: 2014-04-06 02:03:58
2014-04-11 02:55:03.340 Total Number of Boots: 120
2014-04-11 02:55:03.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-11 02:55:03.340 Total Number of Re-Syncs: 213
2014-04-11 02:55:03.340 Status Inputs: 00000000
2014-04-11 02:55:03.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-11 02:55:03.340 Clock Quality: 100%
2014-04-11 02:55:03.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-11 02:55:03.340 Clock Phase: 1 usec. max allowed=50000
2014-04-11 02:55:03.340 Boom positions:
2014-04-11 02:55:03.340 ch1: -2 ch2: 5 ch3: -18 ch4: 20 ch5: 20 ch6: 20
2014-04-11 02:55:03.340 Analog Status

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2014-04-11 02:55:03.340 Analog Positive Supply: 5.46V
2014-04-11 02:55:03.340 Input Voltage: 13.20V
2014-04-11 02:55:03.340 System Temperature: 5C
2014-04-11 02:55:03.340 Main Current: 61ma
2014-04-11 02:55:03.340 Antenna Current: 0ma
2014-04-11 02:55:03.340 GPS Status
2014-04-11 02:55:03.340 Time: 02:55:02
2014-04-11 02:55:03.340 Date:
2014-04-11 02:55:03.340 Fix Type: 1-D
2014-04-11 02:55:03.340 Height:
2014-04-11 02:55:03.340 Latitude:
2014-04-11 02:55:03.340 Longitude:
2014-04-11 02:55:03.340 On Time: 0min
2014-04-11 02:55:03.340 Sat. Used: 0
2014-04-11 02:55:03.340 In View: 0
2014-04-11 02:55:03.340 Checksum Errors: 0
2014-04-11 02:55:03.340 Last GPS timemark: 2014-04-11 02:55:01
2014-04-11 02:55:03.340 PLL Status
2014-04-11 02:55:03.340 State: Lock
2014-04-11 02:55:03.340 Initial VCO: 2201.286377
2014-04-11 02:55:03.340 Time Error: 0.000000
2014-04-11 02:55:03.340 RMS VCO: 0.0000000
2014-04-11 02:55:03.340 Best VCO: 2201.26
2014-04-11 02:55:03.340 Seconds Since Track or Lock: 0.0
2014-04-11 02:55:03.340 Vco Control: 2201
2014-04-11 02:55:03.340 timing mode: external seascan
2014-04-11 02:55:03.340 tempco normal
2014-04-11 02:55:03.340 PLL update: 10s PLL lock criterion: 5us
2014-04-11 02:55:03.340 Pfrac: 150.00
2014-04-11 02:55:03.340 VCO slope: -0.0175000
2014-04-11 02:55:03.340 VCO intercept: 7.1100001
2014-04-11 02:55:03.340 Km delta: 600.0000000
2014-04-11 02:55:03.340 Logical Port 4 Status
2014-04-11 02:55:03.340 Data Packets Sent: 435772
2014-04-11 02:55:03.340 Flood Packets Sent: 0
2014-04-11 02:55:03.340 Packets Re-Sent: 458
2014-04-11 02:55:03.340 Sequence Errors: 0
2014-04-11 02:55:03.340 Packet Buffer Used: 22038676
2014-04-11 02:55:03.340 Physical Port: Ethernet
2014-04-11 02:55:03.340 Baler Model: 14 Software Version: 2.28
2014-04-11 02:55:03.340 MAC Address: 00:04:FB:00:02:EA
2014-04-11 02:55:03.340 Disk Size: 20000669696
2014-04-11 02:55:03.340 Percent of 1177 data files in use: 2.8
2014-04-11 02:55:03.340 Channels Enabled: 1234 Preamps ON channels:
2014-04-11 02:55:03.340 Channel Sensitivities (uV per count):
2014-04-11 02:55:03.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-11 02:55:03.340 Digitizer Calibration Results:
2014-04-11 02:55:03.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-11 02:55:03.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-11 02:55:03.340 DMU1 Software Version=10
2014-04-11 02:55:03.340 Supply Voltage=12.7
2014-04-11 02:55:03.340 Supply Current=0.41
2014-04-11 02:55:03.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-11 02:55:03.340 webLink Data Maps Restored
2014-04-11 02:55:03.340 [2014-04-10 14:51:59.000000] sequence resumes overlapping:
391628 to 391627
2014-04-11 02:55:03.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-11 02:55:02
2014-04-11 02:59:09.080 [2014-04-11 00:00:00.000000] Saving Configuration to Backup
Memory
2014-04-11 03:00:26.630 Reducing Status Polling Interval
2014-04-11 03:00:26.630 [2014-04-11 03:00:25.999998] total packets received: 45997
2014-04-11 03:00:26.630 [2014-04-11 03:00:25.999998] command timeouts: 6

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S01\_messages.txt

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2014-04-11 03:00:26.630 [2014-04-11 03:00:25.999998] out of window: 47
2014-04-11 03:00:26.630 written: HHZ-1141 HH1-1353 HH2-1402 BDH-440 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-04-11 03:00:26.630 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-29
VMZ-1 VM1-1
2014-04-11 03:00:26.630 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-3
2014-04-11 03:00:26.630 [2014-04-11 03:00:25.999998] Done: 4479 recs. seq end:
435335. run: 318 s
2014-04-11 15:01:18.320
2014-04-11 15:01:18.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-11 15:01:18.320 Control Port 2491 Opened
2014-04-11 15:01:18.320 Baler ready on Ethernet
2014-04-11 15:01:18.320 Power Cycled Baler Acknowledged
2014-04-11 15:01:18.320 Commands Accepted by Q330
2014-04-11 15:01:18.320 Access timeout: 300 sec
2014-04-11 15:01:18.320 Control Port 4023 Opened
2014-04-11 15:01:18.320 Data Port 4024 Opened
2014-04-11 15:01:18.320 Registered with Q330
2014-04-11 15:01:18.320 Combination Record Received
2014-04-11 15:01:18.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-11 15:01:18.320 Link Reset, starting window sequence: 22888
2014-04-11 15:01:18.320 GPS Receiver ID Received
2014-04-11 15:01:18.320 Manufacturer's Data Received, Property Tag=2017
2014-04-11 15:01:18.320 Digitizer Gain & Offsets Received
2014-04-11 15:01:18.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4479 recs.
seq end: 435335
2014-04-11 15:01:18.320 Baler clock set to 2014-04-11 15:01:17
2014-04-11 15:01:18.320 Starting to Read DP Tokens
2014-04-11 15:01:18.320 DP Tokens loaded, size=1474 bytes
2014-04-11 15:01:18.320 Webserver advertising 192.168.200.119:5380
2014-04-11 15:01:18.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-11 15:01:18.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-11 15:01:18.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-11 15:01:18.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-11 15:01:18.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-11 15:01:18.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-11 15:01:18.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-11 15:01:18.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-11 15:01:18.320 [2014-04-11 03:00:25.999998] continuity found: 435335
450500426.000000 Q=100
2014-04-11 15:01:18.320 [2014-04-11 03:00:25.999998] restoring continuity
2014-04-11 15:01:18.320 Sending DT_OPEN
2014-04-11 15:01:18.320 Station: XX-2017
2014-04-11 15:01:18.320 Q330 Serial Number: 0100000DB18FC351
2014-04-11 15:01:18.320 AMB Serial Number: 0100000B6909DD82
2014-04-11 15:01:18.320 Seismo 1 Serial Number: 0000000000000000
2014-04-11 15:01:18.320 Seismo 2 Serial Number: 0000000000000000
2014-04-11 15:01:18.320 QAPCHP 1 Serial Number: 4643206
2014-04-11 15:01:18.320 QAPCHP 2 Serial Number: 3743050
2014-04-11 15:01:18.320 KMI Property Tag Number: 2017
2014-04-11 15:01:18.320 System Software Version: 1.146
2014-04-11 15:01:18.320 Slave Processor Version: 1.11
2014-04-11 15:01:18.320 Calibrator Type: QCAL330
2014-04-11 15:01:18.320 Calibrator Version: 1.8
2014-04-11 15:01:18.320 Auxiliary Board Type: None
2014-04-11 15:01:18.320 Clock Type: Motorola M12
2014-04-11 15:01:18.320 PLD Version: 7.9
2014-04-11 15:01:18.320 Total Hours: 65275.43
2014-04-11 15:01:18.320 Power On Hours: 29905.82
2014-04-11 15:01:18.320 Time of Last Boot: 2014-04-06 02:03:58
2014-04-11 15:01:18.320 Total Number of Boots: 120
2014-04-11 15:01:18.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-11 15:01:18.320 Total Number of Re-Syncs: 213

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S01\_messages.txt

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2014-04-11 15:01:18.320 Status Inputs: 00000000
2014-04-11 15:01:18.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-11 15:01:18.320 Clock Quality: 100%
2014-04-11 15:01:18.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-11 15:01:18.320 Clock Phase: 0 usec. max allowed=50000
2014-04-11 15:01:18.320 Ch1: -2 Ch2: 3 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-11 15:01:18.320 Analog Status
2014-04-11 15:01:18.320 Analog Positive Supply: 5.46v
2014-04-11 15:01:18.320 Input Voltage: 13.05v
2014-04-11 15:01:18.320 System Temperature: 5C
2014-04-11 15:01:18.320 Main Current: 62ma
2014-04-11 15:01:18.320 Antenna Current: 0ma
2014-04-11 15:01:18.320 GPS Status
2014-04-11 15:01:18.320 Time: 15:01:17
2014-04-11 15:01:18.320 Date:
2014-04-11 15:01:18.320 Fix Type: 1-D
2014-04-11 15:01:18.320 Height:
2014-04-11 15:01:18.320 Latitude:
2014-04-11 15:01:18.320 Longitude:
2014-04-11 15:01:18.320 On Time: 0min
2014-04-11 15:01:18.320 Sat. Used: 0
2014-04-11 15:01:18.320 In View: 0
2014-04-11 15:01:18.320 Checksum Errors: 0
2014-04-11 15:01:18.320 Last GPS timemark: 2014-04-11 15:01:16
2014-04-11 15:01:18.320 PLL Status
2014-04-11 15:01:18.320 State: Lock
2014-04-11 15:01:18.320 Initial VCO: 2201.245605
2014-04-11 15:01:18.320 Time Error: 0.000000
2014-04-11 15:01:18.320 RMS VCO: 0.0000000
2014-04-11 15:01:18.320 Best VCO: 2201.23
2014-04-11 15:01:18.320 Seconds Since Track or Lock: 0.0
2014-04-11 15:01:18.320 Vco Control: 2201
2014-04-11 15:01:18.320 timing mode: external seascan
2014-04-11 15:01:18.320 tempco normal
2014-04-11 15:01:18.320 PLL update: 10s PLL lock criterion: 5us
2014-04-11 15:01:18.320 Pfrac: 150.00
2014-04-11 15:01:18.320 VCO slope: -0.0175000
2014-04-11 15:01:18.320 VCO intercept: 7.1100001
2014-04-11 15:01:18.320 km delta: 600.0000000
2014-04-11 15:01:18.320 Logical Port 4 Status
2014-04-11 15:01:18.320 Data Packets Sent: 481692
2014-04-11 15:01:18.320 Flood Packets Sent: 0
2014-04-11 15:01:18.320 Packets Re-Sent: 517
2014-04-11 15:01:18.320 Sequence Errors: 0
2014-04-11 15:01:18.320 Packet Buffer Used: 22263624
2014-04-11 15:01:18.320 Physical Port: Ethernet
2014-04-11 15:01:18.320 Baler Model: 14 Software Version: 2.28
2014-04-11 15:01:18.320 MAC Address: 00:04:FB:00:02:EA
2014-04-11 15:01:18.320 Disk Size: 20000669696
2014-04-11 15:01:18.320 Percent of 1177 data files in use: 2.9
2014-04-11 15:01:18.320 Channels Enabled: 1234 Preamps ON channels:
2014-04-11 15:01:18.320 Channel Sensitivities (uV per count):
2014-04-11 15:01:18.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-11 15:01:18.320 Digitizer Calibration Results:
2014-04-11 15:01:18.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-11 15:01:18.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-11 15:01:18.320 DMU1 Software Version=10
2014-04-11 15:01:18.320 Supply Voltage=12.6
2014-04-11 15:01:18.320 Supply Current=0.41
2014-04-11 15:01:18.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-11 15:01:18.320 webLink Data Maps Restored
2014-04-11 15:01:18.320 [2014-04-11 03:00:25.999998] sequence resumes: 435335 to
435335

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2014-04-11 15:01:18.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-11 15:01:17
2014-04-11 15:06:46.880 Reducing Status Polling Interval
2014-04-11 15:06:46.880 [2014-04-11 15:06:46.000000] total packets received: 48988
2014-04-11 15:06:46.880 [2014-04-11 15:06:46.000000] command timeouts: 6
2014-04-11 15:06:46.880 [2014-04-11 15:06:46.000000] out of window: 46
2014-04-11 15:06:46.880 written: HHZ-1169 HH1-1382 HH2-1400 BDH-440 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-11 15:06:46.880 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-25
VMZ-2 VM1-2
2014-04-11 15:06:46.880 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-11 15:06:46.880 [2014-04-11 15:06:46.000000] Done: 4536 recs. seq end:
478915. run: 324 s
2014-04-12 03:07:39.340
2014-04-12 03:07:39.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-12 03:07:39.340 Control Port 2491 Opened
2014-04-12 03:07:39.340 Baler ready on Ethernet
2014-04-12 03:07:39.340 Power Cycled Baler Acknowledged
2014-04-12 03:07:39.340 Commands Accepted by Q330
2014-04-12 03:07:39.340 Access timeout: 300 sec
2014-04-12 03:07:39.340 Control Port 4023 Opened
2014-04-12 03:07:39.340 Data Port 4024 Opened
2014-04-12 03:07:39.340 Registered with Q330
2014-04-12 03:07:39.340 Combination Record Received
2014-04-12 03:07:39.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-12 03:07:39.340 Link Reset, starting window sequence: 6259
2014-04-12 03:07:39.340 GPS Receiver ID Received
2014-04-12 03:07:39.340 Manufacturer's Data Received, Property Tag=2017
2014-04-12 03:07:39.340 Digitizer Gain & Offsets Received
2014-04-12 03:07:39.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4536 recs.
seq end: 478915
2014-04-12 03:07:39.340 Baler clock set to 2014-04-12 03:07:38
2014-04-12 03:07:39.340 Starting to Read DP Tokens
2014-04-12 03:07:39.340 DP Tokens loaded, size=1474 bytes
2014-04-12 03:07:39.340 webserver advertising 192.168.200.119:5380
2014-04-12 03:07:39.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-12 03:07:39.340 filters & delay HH1:2@100,Linear all=0.320000
2014-04-12 03:07:39.340 filters & delay HH2:3@100,Linear all=0.320000
2014-04-12 03:07:39.340 filters & delay BDH:4@20,Linear all=1.650000
2014-04-12 03:07:39.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-12 03:07:39.340 filters & delay LH1:2@1,Linear all=15.000000
2014-04-12 03:07:39.340 filters & delay LH2:3@1,Linear all=15.000000
2014-04-12 03:07:39.340 filters & delay LDH:4@1,Linear all=15.000000
2014-04-12 03:07:39.340 [2014-04-11 15:06:46.000000] continuity found: 478915
450544006.000000 Q=100
2014-04-12 03:07:39.340 [2014-04-11 15:06:46.000000] restoring continuity
2014-04-12 03:07:39.340 Sending DT_OPEN
2014-04-12 03:07:39.340 Station: XX-2017
2014-04-12 03:07:39.340 Q330 Serial Number: 0100000DB18FC351
2014-04-12 03:07:39.340 AMB Serial Number: 0100000B6909DD82
2014-04-12 03:07:39.340 Seismo 1 Serial Number: 0000000000000000
2014-04-12 03:07:39.340 Seismo 2 Serial Number: 0000000000000000
2014-04-12 03:07:39.340 QAPCHP 1 Serial Number: 4643206
2014-04-12 03:07:39.340 QAPCHP 2 Serial Number: 3743050
2014-04-12 03:07:39.340 KMI Property Tag Number: 2017
2014-04-12 03:07:39.340 System Software Version: 1.146
2014-04-12 03:07:39.340 Slave Processor Version: 1.11
2014-04-12 03:07:39.340 Calibrator Type: QCAL330
2014-04-12 03:07:39.340 Calibrator Version: 1.8
2014-04-12 03:07:39.340 Auxiliary Board Type: None
2014-04-12 03:07:39.340 Clock Type: Motorola M12
2014-04-12 03:07:39.340 PLD Version: 7.9
2014-04-12 03:07:39.340 Total Hours: 65287.54

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2014-04-12 03:07:39.340 Power On Hours: 29917.92  
 2014-04-12 03:07:39.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-12 03:07:39.340 Total Number of Boots: 120  
 2014-04-12 03:07:39.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-12 03:07:39.340 Total Number of Re-Syncs: 213  
 2014-04-12 03:07:39.340 Status Inputs: 00000000  
 2014-04-12 03:07:39.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-12 03:07:39.340 Clock Quality: 100%  
 2014-04-12 03:07:39.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-12 03:07:39.340 Clock Phase: 0 usec. max allowed=50000  
 2014-04-12 03:07:39.340 Boom positions:  
 2014-04-12 03:07:39.340 Ch1: -2 Ch2: 1 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-12 03:07:39.340 Analog Status  
 2014-04-12 03:07:39.340 Analog Positive Supply: 5.46v  
 2014-04-12 03:07:39.340 Input Voltage: 13.20V  
 2014-04-12 03:07:39.340 System Temperature: 5C  
 2014-04-12 03:07:39.340 Main Current: 62ma  
 2014-04-12 03:07:39.340 Antenna Current: 0ma  
 2014-04-12 03:07:39.340 GPS Status  
 2014-04-12 03:07:39.340 Time: 03:07:37  
 2014-04-12 03:07:39.340 Date:  
 2014-04-12 03:07:39.340 Fix Type: 1-D  
 2014-04-12 03:07:39.340 Height:  
 2014-04-12 03:07:39.340 Latitude:  
 2014-04-12 03:07:39.340 Longitude:  
 2014-04-12 03:07:39.340 On Time: 0min  
 2014-04-12 03:07:39.340 Sat. Used: 0  
 2014-04-12 03:07:39.340 In View: 0  
 2014-04-12 03:07:39.340 Checksum Errors: 0  
 2014-04-12 03:07:39.340 Last GPS timemark: 2014-04-12 03:07:36  
 2014-04-12 03:07:39.340 PLL Status  
 2014-04-12 03:07:39.340 State: Lock  
 2014-04-12 03:07:39.340 Initial VCO: 2201.423584  
 2014-04-12 03:07:39.340 Time Error: 0.000000  
 2014-04-12 03:07:39.340 RMS VCO: 0.000000  
 2014-04-12 03:07:39.340 Best VCO: 2201.33  
 2014-04-12 03:07:39.340 Seconds Since Track or Lock: 0.0  
 2014-04-12 03:07:39.340 Vco Control: 2201  
 2014-04-12 03:07:39.340 timing mode: external seascan  
 2014-04-12 03:07:39.340 tempco normal  
 2014-04-12 03:07:39.340 PLL update: 10s PLL lock criterion: 5us  
 2014-04-12 03:07:39.340 Pfrac: 150.00  
 2014-04-12 03:07:39.340 VCO slope: -0.0175000  
 2014-04-12 03:07:39.340 VCO intercept: 7.1100001  
 2014-04-12 03:07:39.340 Km delta: 600.000000  
 2014-04-12 03:07:39.340 Logical Port 4 Status  
 2014-04-12 03:07:39.340 Data Packets Sent: 530604  
 2014-04-12 03:07:39.340 Flood Packets Sent: 0  
 2014-04-12 03:07:39.340 Packets Re-Sent: 581  
 2014-04-12 03:07:39.340 Sequence Errors: 0  
 2014-04-12 03:07:39.340 Packet Buffer Used: 21835188  
 2014-04-12 03:07:39.340 Physical Port: Ethernet  
 2014-04-12 03:07:39.340 Baler Model: 14 Software Version: 2.28  
 2014-04-12 03:07:39.340 MAC Address: 00:04:FB:00:02:EA  
 2014-04-12 03:07:39.340 Disk Size: 20000669696  
 2014-04-12 03:07:39.340 Percent of 1177 data files in use: 2.9  
 2014-04-12 03:07:39.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-12 03:07:39.340 Channel Sensitivities (uV per count):  
 2014-04-12 03:07:39.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-12 03:07:39.340 Digitizer Calibration Results:  
 2014-04-12 03:07:39.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-12 03:07:39.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-12 03:07:39.340 DMU1 Software Version=10

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2014-04-12 03:07:39.340 Supply Voltage=12.7
2014-04-12 03:07:39.340 Supply Current=0.41
2014-04-12 03:07:39.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-12 03:07:39.340 WebLink Data Maps Restored
2014-04-12 03:07:39.340 [2014-04-11 15:06:46.000000] sequence resumes: 478915 to
478915
2014-04-12 03:07:39.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-12 03:07:38
2014-04-12 03:11:36.010 [2014-04-12 00:00:00.000000] Saving Configuration to Backup
Memory
2014-04-12 03:11:36.010 Reducing Status Polling Interval
2014-04-12 03:12:51.700 [2014-04-12 03:05:38.000000] total packets received: 44343
2014-04-12 03:12:51.700 [2014-04-12 03:05:38.000000] command timeouts: 6
2014-04-12 03:12:51.700 [2014-04-12 03:05:38.000000] out of window: 42
2014-04-12 03:12:51.700 written: HHZ-1137 HH1-1351 HH2-1317 BDH-439 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-04-12 03:12:51.700 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-04-12 03:12:51.700 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-12 03:12:51.700 [2014-04-12 03:05:38.000000] Done: 4381 recs. seq end:
522047. run: 308 s
2014-04-12 15:13:45.360
2014-04-12 15:13:45.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-12 15:13:45.360 Control Port 2491 Opened
2014-04-12 15:13:45.360 Baler ready on Ethernet
2014-04-12 15:13:45.360 Power Cycled Baler Acknowledged
2014-04-12 15:13:45.360 Commands Accepted by Q330
2014-04-12 15:13:45.360 Access timeout: 300 sec
2014-04-12 15:13:45.360 Control Port 4023 Opened
2014-04-12 15:13:45.360 Data Port 4024 Opened
2014-04-12 15:13:45.360 Registered with Q330
2014-04-12 15:13:45.360 Combination Record Received
2014-04-12 15:13:45.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-12 15:13:45.360 Link Reset, starting window sequence: 50518
2014-04-12 15:13:45.360 GPS Receiver ID Received
2014-04-12 15:13:45.360 Manufacturer's Data Received, Property Tag=2017
2014-04-12 15:13:45.360 Digitizer Gain & Offsets Received
2014-04-12 15:13:45.360 Baler clock set to 2014-04-12 15:13:44
2014-04-12 15:13:45.360 Starting to Read DP Tokens
2014-04-12 15:13:45.360 DP Tokens loaded, size=1474 bytes
2014-04-12 15:13:45.360 webserver advertising 192.168.200.119:5380
2014-04-12 15:13:45.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-12 15:13:45.360 filters & delay HH1:2@100,Linear all=0.320000
2014-04-12 15:13:45.360 filters & delay HH2:3@100,Linear all=0.320000
2014-04-12 15:13:45.360 filters & delay BDH:4@20,Linear all=1.650000
2014-04-12 15:13:45.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-12 15:13:45.360 filters & delay LH1:2@1,Linear all=15.000000
2014-04-12 15:13:45.360 filters & delay LH2:3@1,Linear all=15.000000
2014-04-12 15:13:45.360 filters & delay LDH:4@1,Linear all=15.000000
2014-04-12 15:13:45.360 [2014-04-12 03:05:38.000000] continuity found: 522047
450587138.000000 Q=100
2014-04-12 15:13:45.360 [2014-04-12 03:05:38.000000] restoring continuity
2014-04-12 15:13:45.360 Sending DT_OPEN
2014-04-12 15:13:45.360 Station: XX-2017
2014-04-12 15:13:45.360 Q330 Serial Number: 0100000DB18FC351
2014-04-12 15:13:45.360 AMB Serial Number: 0100000B6909DD82
2014-04-12 15:13:45.360 Seismo 1 Serial Number: 0000000000000000
2014-04-12 15:13:45.360 Seismo 2 Serial Number: 0000000000000000
2014-04-12 15:13:45.360 QAPCHP 1 Serial Number: 4643206
2014-04-12 15:13:45.360 QAPCHP 2 Serial Number: 3743050
2014-04-12 15:13:45.360 KMI Property Tag Number: 2017
2014-04-12 15:13:45.360 System Software Version: 1.146
2014-04-12 15:13:45.360 Slave Processor Version: 1.11

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2014-04-12 15:13:45.360 Calibrator Type: QCAL330  
 2014-04-12 15:13:45.360 Calibrator Version: 1.8  
 2014-04-12 15:13:45.360 Auxiliary Board Type: None  
 2014-04-12 15:13:45.360 Clock Type: Motorola M12  
 2014-04-12 15:13:45.360 PLD Version: 7.9  
 2014-04-12 15:13:45.360 Total Hours: 65299.64  
 2014-04-12 15:13:45.360 Power On Hours: 29930.03  
 2014-04-12 15:13:45.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-12 15:13:45.360 Total Number of Boots: 120  
 2014-04-12 15:13:45.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-12 15:13:45.360 Total Number of Re-Syncs: 213  
 2014-04-12 15:13:45.360 Status Inputs: 00000000  
 2014-04-12 15:13:45.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-04-12 15:13:45.360 Clock Quality: 100%  
 2014-04-12 15:13:45.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-12 15:13:45.360 Clock Phase: 0 usec. max allowed=50000  
 2014-04-12 15:13:45.360 Boom positions:  
 2014-04-12 15:13:45.360 Ch1: -2 Ch2: -3 Ch3: -9 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-12 15:13:45.360 Analog Status  
 2014-04-12 15:13:45.360 Analog Positive Supply: 5.46v  
 2014-04-12 15:13:45.360 Input Voltage: 13.05V  
 2014-04-12 15:13:45.360 System Temperature: 5C  
 2014-04-12 15:13:45.360 Main Current: 62ma  
 2014-04-12 15:13:45.360 Antenna Current: 0ma  
 2014-04-12 15:13:45.360 GPS Status  
 2014-04-12 15:13:45.360 Time: 15:13:44  
 2014-04-12 15:13:45.360 Date:  
 2014-04-12 15:13:45.360 Fix Type: 1-D  
 2014-04-12 15:13:45.360 Height:  
 2014-04-12 15:13:45.360 Latitude:  
 2014-04-12 15:13:45.360 Longitude:  
 2014-04-12 15:13:45.360 On Time: 0min  
 2014-04-12 15:13:45.360 Sat. Used: 0  
 2014-04-12 15:13:45.360 In View: 0  
 2014-04-12 15:13:45.360 Checksum Errors: 0  
 2014-04-12 15:13:45.360 Last GPS timemark: 2014-04-12 15:13:43  
 2014-04-12 15:13:45.360 PLL Status  
 2014-04-12 15:13:45.360 State: Lock  
 2014-04-12 15:13:45.360 Initial VCO: 2201.258057  
 2014-04-12 15:13:45.360 Time Error: 0.000000  
 2014-04-12 15:13:45.360 RMS VCO: 0.000000  
 2014-04-12 15:13:45.360 Best VCO: 2201.72  
 2014-04-12 15:13:45.360 Seconds Since Track or Lock: 0.0  
 2014-04-12 15:13:45.360 Vco Control: 2201  
 2014-04-12 15:13:45.360 timing mode: external seascan  
 2014-04-12 15:13:45.360 tempco normal  
 2014-04-12 15:13:45.360 PLL update: 10s PLL lock criterion: 5us  
 2014-04-12 15:13:45.360 Pfrac: 150.00  
 2014-04-12 15:13:45.360 VCO slope: -0.0175000  
 2014-04-12 15:13:45.360 VCO intercept: 7.1100001  
 2014-04-12 15:13:45.360 Km delta: 600.0000000  
 2014-04-12 15:13:45.360 Logical Port 4 Status  
 2014-04-12 15:13:45.360 Data Packets Sent: 574868  
 2014-04-12 15:13:45.360 Flood Packets Sent: 0  
 2014-04-12 15:13:45.360 Packets Re-Sent: 648  
 2014-04-12 15:13:45.360 Sequence Errors: 0  
 2014-04-12 15:13:45.360 Packet Buffer Used: 21906420  
 2014-04-12 15:13:45.360 Physical Port: Ethernet  
 2014-04-12 15:13:45.360 Baler Model: 14 Software Version: 2.28  
 2014-04-12 15:13:45.360 MAC Address: 00:04:FB:00:02:EA  
 2014-04-12 15:13:45.360 Disk Size: 20000669696  
 2014-04-12 15:13:45.360 Percent of 1177 data files in use: 3.1  
 2014-04-12 15:13:45.360 Channels Enabled: 1234 Preamps ON channels:

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2014-04-12 15:13:45.360 Channel Sensitivities (uV per count):
2014-04-12 15:13:45.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-12 15:13:45.360 Digitizer Calibration Results:
2014-04-12 15:13:45.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-12 15:13:45.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-12 15:13:45.360 DMU1 Software Version=10
2014-04-12 15:13:45.360 Supply Voltage=12.6
2014-04-12 15:13:45.360 Supply Current=0.41
2014-04-12 15:13:45.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-12 15:13:45.360 WebLink Data Maps Restored
2014-04-12 15:13:45.360 [2014-04-12 03:05:38.000000] sequence resumes: 522047 to
522047
2014-04-12 15:13:45.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-12 15:13:44
2014-04-12 15:19:16.610 [2014-04-12 15:19:15.999998] total packets received: 45048
2014-04-12 15:19:16.610 [2014-04-12 15:19:15.999998] command timeouts: 6
2014-04-12 15:19:16.610 [2014-04-12 15:19:15.999998] out of window: 66
2014-04-12 15:19:16.610 written: HHZ-1148 HH1-1345 HH2-1356 BDH-444 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-04-12 15:19:16.610 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-24
VMZ-1 VM1-1
2014-04-12 15:19:16.610 written: VM2-1 LOG-2 ACE-1 OCF-1
2014-04-12 15:19:16.610 [2014-04-12 15:19:15.999998] Done: 4424 recs. seq end:
566065. run: 325 s
2014-04-13 03:20:08.360
2014-04-13 03:20:08.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-13 03:20:08.360 Control Port 2491 Opened
2014-04-13 03:20:08.360 Baler ready on Ethernet
2014-04-13 03:20:08.360 Power Cycled Baler Acknowledged
2014-04-13 03:20:08.360 Commands Accepted by Q330
2014-04-13 03:20:08.360 Access timeout: 300 sec
2014-04-13 03:20:08.360 Control Port 4023 Opened
2014-04-13 03:20:08.360 Data Port 4024 Opened
2014-04-13 03:20:08.360 Registered with Q330
2014-04-13 03:20:08.360 Combination Record Received
2014-04-13 03:20:08.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-13 03:20:08.360 Link Reset, starting window sequence: 29929
2014-04-13 03:20:08.360 GPS Receiver ID Received
2014-04-13 03:20:08.360 Manufacturer's Data Received, Property Tag=2017
2014-04-13 03:20:08.360 Digitizer Gain & Offsets Received
2014-04-13 03:20:08.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4424 recs.
seq end: 566065
2014-04-13 03:20:08.360 Baler clock set to 2014-04-13 03:20:07
2014-04-13 03:20:08.360 Starting to Read DP Tokens
2014-04-13 03:20:08.360 DP Tokens loaded, size=1474 bytes
2014-04-13 03:20:08.360 webserver advertising 192.168.200.119:5380
2014-04-13 03:20:08.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-13 03:20:08.360 filters & delay HH1:2@100,Linear all=0.320000
2014-04-13 03:20:08.360 filters & delay HH2:3@100,Linear all=0.320000
2014-04-13 03:20:08.360 filters & delay BDH:4@20,Linear all=1.650000
2014-04-13 03:20:08.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-13 03:20:08.360 filters & delay LH1:2@1,Linear all=15.000000
2014-04-13 03:20:08.360 filters & delay LH2:3@1,Linear all=15.000000
2014-04-13 03:20:08.360 filters & delay LDH:4@1,Linear all=15.000000
2014-04-13 03:20:08.360 [2014-04-12 15:19:15.999998] continuity found: 566065
450631156.000000 Q=100
2014-04-13 03:20:08.360 [2014-04-12 15:19:15.999998] restoring continuity
2014-04-13 03:20:08.360 Sending DT_OPEN
2014-04-13 03:20:08.360 Station: XX-2017
2014-04-13 03:20:08.360 Q330 Serial Number: 0100000DB18FC351
2014-04-13 03:20:08.360 AMB Serial Number: 0100000B6909DD82
2014-04-13 03:20:08.360 Seismo 1 Serial Number: 0000000000000000
2014-04-13 03:20:08.360 Seismo 2 Serial Number: 0000000000000000

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2014-04-13 03:20:08.360 QAPCHP 1 Serial Number: 4643206  
 2014-04-13 03:20:08.360 QAPCHP 2 Serial Number: 3743050  
 2014-04-13 03:20:08.360 KMI Property Tag Number: 2017  
 2014-04-13 03:20:08.360 System Software Version: 1.146  
 2014-04-13 03:20:08.360 Slave Processor Version: 1.11  
 2014-04-13 03:20:08.360 Calibrator Type: QCAL330  
 2014-04-13 03:20:08.360 Calibrator Version: 1.8  
 2014-04-13 03:20:08.360 Auxiliary Board Type: None  
 2014-04-13 03:20:08.360 Clock Type: Motorola M12  
 2014-04-13 03:20:08.360 PLD Version: 7.9  
 2014-04-13 03:20:08.360 Total Hours: 65311.75  
 2014-04-13 03:20:08.360 Power On Hours: 29942.13  
 2014-04-13 03:20:08.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-13 03:20:08.360 Total Number of Boots: 120  
 2014-04-13 03:20:08.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-13 03:20:08.360 Total Number of Re-Syncs: 213  
 2014-04-13 03:20:08.360 Status Inputs: 00000000  
 2014-04-13 03:20:08.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-13 03:20:08.360 Clock Quality: 100%  
 2014-04-13 03:20:08.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-13 03:20:08.360 Clock Phase: 0 usec. max allowed=50000  
 2014-04-13 03:20:08.360 Boom positions:  
 2014-04-13 03:20:08.360 ch1: -2 ch2: -5 ch3: -15 ch4: 20 ch5: 20 ch6: 20  
 2014-04-13 03:20:08.360 Analog Status  
 2014-04-13 03:20:08.360 Analog Positive Supply: 5.46V  
 2014-04-13 03:20:08.360 Input Voltage: 13.20V  
 2014-04-13 03:20:08.360 System Temperature: 5C  
 2014-04-13 03:20:08.360 Main Current: 62ma  
 2014-04-13 03:20:08.360 Antenna Current: 0ma  
 2014-04-13 03:20:08.360 GPS Status  
 2014-04-13 03:20:08.360 Time: 03:20:07  
 2014-04-13 03:20:08.360 Date:  
 2014-04-13 03:20:08.360 Fix Type: 1-D  
 2014-04-13 03:20:08.360 Height:  
 2014-04-13 03:20:08.360 Latitude:  
 2014-04-13 03:20:08.360 Longitude:  
 2014-04-13 03:20:08.360 On Time: 0min  
 2014-04-13 03:20:08.360 Sat. Used: 0  
 2014-04-13 03:20:08.360 In View: 0  
 2014-04-13 03:20:08.360 Checksum Errors: 0  
 2014-04-13 03:20:08.360 Last GPS timemark: 2014-04-13 03:20:06  
 2014-04-13 03:20:08.360 PLL Status  
 2014-04-13 03:20:08.360 State: Lock  
 2014-04-13 03:20:08.360 Initial VCO: 2201.549805  
 2014-04-13 03:20:08.360 Time Error: 0.000000  
 2014-04-13 03:20:08.360 RMS VCO: 0.0000000  
 2014-04-13 03:20:08.360 Best VCO: 2201.47  
 2014-04-13 03:20:08.360 Seconds Since Track or Lock: 0.0  
 2014-04-13 03:20:08.360 vco Control: 2201  
 2014-04-13 03:20:08.360 timing mode: external seascan  
 2014-04-13 03:20:08.360 tempco normal  
 2014-04-13 03:20:08.360 PLL update: 10s PLL lock criterion: 5us  
 2014-04-13 03:20:08.360 Pfrac: 150.00  
 2014-04-13 03:20:08.360 VCO slope: -0.0175000  
 2014-04-13 03:20:08.360 VCO intercept: 7.1100001  
 2014-04-13 03:20:08.360 km delta: 600.0000000  
 2014-04-13 03:20:08.360 Logical Port 4 Status  
 2014-04-13 03:20:08.360 Data Packets Sent: 619820  
 2014-04-13 03:20:08.360 Flood Packets Sent: 0  
 2014-04-13 03:20:08.360 Packets Re-Sent: 730  
 2014-04-13 03:20:08.360 Sequence Errors: 0  
 2014-04-13 03:20:08.360 Packet Buffer Used: 22402116  
 2014-04-13 03:20:08.360 Physical Port: Ethernet

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2014-04-13 03:20:08.360 Baler Model: 14 Software Version: 2.28
2014-04-13 03:20:08.360 MAC Address: 00:04:FB:00:02:EA
2014-04-13 03:20:08.360 Disk Size: 20000669696
2014-04-13 03:20:08.360 Channels Enabled: 1234 Preamps ON channels:
2014-04-13 03:20:08.360 Channel Sensitivities (uV per count):
2014-04-13 03:20:08.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-13 03:20:08.360 Digitizer Calibration Results:
2014-04-13 03:20:08.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-13 03:20:08.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-13 03:20:08.360 DMU1 Software Version=10
2014-04-13 03:20:08.360 Supply Voltage=12.6
2014-04-13 03:20:08.360 Supply Current=0.41
2014-04-13 03:20:08.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-13 03:20:08.360 webLink Data Maps Restored
2014-04-13 03:20:08.360 [2014-04-12 15:19:15.999998] sequence resumes: 566065 to
566065
2014-04-13 03:20:08.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-13 03:20:07
2014-04-13 03:24:04.700 [2014-04-13 00:00:00.000000] saving Configuration to Backup
Memory
2014-04-13 03:25:38.130 [2014-04-13 03:24:09.000000] total packets received: 51140
2014-04-13 03:25:38.130 [2014-04-13 03:24:09.000000] command timeouts: 6
2014-04-13 03:25:38.130 [2014-04-13 03:24:09.000000] out of window: 59
2014-04-13 03:25:38.130 written: HHZ-1197 HH1-1381 HH2-1409 BDH-430 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-13 03:25:38.130 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-04-13 03:25:38.130 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-13 03:25:38.130 [2014-04-13 03:24:09.000000] Done: 4563 recs. seq end:
609558. run: 325 s
2014-04-13 15:26:30.360
2014-04-13 15:26:30.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-13 15:26:30.360 Control Port 2491 Opened
2014-04-13 15:26:30.360 Baler ready on Ethernet
2014-04-13 15:26:30.360 Power Cycled Baler Acknowledged
2014-04-13 15:26:30.360 Commands Accepted by Q330
2014-04-13 15:26:30.360 Access timeout: 300 sec
2014-04-13 15:26:30.360 Control Port 4023 Opened
2014-04-13 15:26:30.360 Data Port 4024 Opened
2014-04-13 15:26:30.360 Registered with Q330
2014-04-13 15:26:30.360 Combination Record Received
2014-04-13 15:26:30.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-13 15:26:30.360 Link Reset, starting window sequence: 15437
2014-04-13 15:26:30.360 GPS Receiver ID Received
2014-04-13 15:26:30.360 Manufacturer's Data Received, Property Tag=2017
2014-04-13 15:26:30.360 Digitizer Gain & Offsets Received
2014-04-13 15:26:30.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4563 recs.
seq end: 609558
2014-04-13 15:26:30.360 Baler clock set to 2014-04-13 15:26:29
2014-04-13 15:26:30.360 Starting to Read DP Tokens
2014-04-13 15:26:30.360 DP Tokens loaded, size=1474 bytes
2014-04-13 15:26:30.360 webserver advertising 192.168.200.119:5380
2014-04-13 15:26:30.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-13 15:26:30.360 filters & delay HH1:2@100,Linear all=0.320000
2014-04-13 15:26:30.360 filters & delay HH2:3@100,Linear all=0.320000
2014-04-13 15:26:30.360 filters & delay BDH:4@20,Linear all=1.650000
2014-04-13 15:26:30.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-13 15:26:30.360 filters & delay LH1:2@1,Linear all=15.000000
2014-04-13 15:26:30.360 filters & delay LH2:3@1,Linear all=15.000000
2014-04-13 15:26:30.360 filters & delay LDH:4@1,Linear all=15.000000
2014-04-13 15:26:30.360 [2014-04-13 03:24:09.000000] continuity found: 609558
450674649.000000 Q=100
2014-04-13 15:26:30.360 [2014-04-13 03:24:09.000000] restoring continuity

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2014-04-13 15:26:30.360 Sending DT\_OPEN  
 2014-04-13 15:26:30.360 Station: XX-2017  
 2014-04-13 15:26:30.360 Q330 Serial Number: 0100000DB18FC351  
 2014-04-13 15:26:30.360 AMB Serial Number: 0100000B6909DD82  
 2014-04-13 15:26:30.360 Seismo 1 Serial Number: 0000000000000000  
 2014-04-13 15:26:30.360 Seismo 2 Serial Number: 0000000000000000  
 2014-04-13 15:26:30.360 QAPCHP 1 Serial Number: 4643206  
 2014-04-13 15:26:30.360 QAPCHP 2 Serial Number: 3743050  
 2014-04-13 15:26:30.360 KMI Property Tag Number: 2017  
 2014-04-13 15:26:30.360 System Software Version: 1.146  
 2014-04-13 15:26:30.360 Slave Processor Version: 1.11  
 2014-04-13 15:26:30.360 Calibrator Type: QCAL330  
 2014-04-13 15:26:30.360 Calibrator Version: 1.8  
 2014-04-13 15:26:30.360 Auxiliary Board Type: None  
 2014-04-13 15:26:30.360 Clock Type: Motorola M12  
 2014-04-13 15:26:30.360 PLD Version: 7.9  
 2014-04-13 15:26:30.360 Total Hours: 65323.85  
 2014-04-13 15:26:30.360 Power On Hours: 29954.24  
 2014-04-13 15:26:30.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-13 15:26:30.360 Total Number of Boots: 120  
 2014-04-13 15:26:30.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-13 15:26:30.360 Total Number of Re-Syncs: 213  
 2014-04-13 15:26:30.360 Status Inputs: 00000000  
 2014-04-13 15:26:30.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-13 15:26:30.360 Clock Quality: 100%  
 2014-04-13 15:26:30.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-13 15:26:30.360 Clock Phase: 0 usec. max allowed=50000  
 2014-04-13 15:26:30.360 Boom positions:  
 2014-04-13 15:26:30.360 Ch1: -2 Ch2: -7 Ch3: -15 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-13 15:26:30.360 Analog Status  
 2014-04-13 15:26:30.360 Analog Positive Supply: 5.46V  
 2014-04-13 15:26:30.360 Input Voltage: 13.20V  
 2014-04-13 15:26:30.360 System Temperature: 5C  
 2014-04-13 15:26:30.360 Main Current: 62ma  
 2014-04-13 15:26:30.360 Antenna Current: 0ma  
 2014-04-13 15:26:30.360 GPS Status  
 2014-04-13 15:26:30.360 Time: 15:26:29  
 2014-04-13 15:26:30.360 Date:  
 2014-04-13 15:26:30.360 Fix Type: 1-D  
 2014-04-13 15:26:30.360 Height:  
 2014-04-13 15:26:30.360 Latitude:  
 2014-04-13 15:26:30.360 Longitude:  
 2014-04-13 15:26:30.360 On Time: 0min  
 2014-04-13 15:26:30.360 Sat. Used: 0  
 2014-04-13 15:26:30.360 In View: 0  
 2014-04-13 15:26:30.360 Checksum Errors: 0  
 2014-04-13 15:26:30.360 Last GPS timemark: 2014-04-13 15:26:28  
 2014-04-13 15:26:30.360 PLL Status  
 2014-04-13 15:26:30.360 State: Lock  
 2014-04-13 15:26:30.360 Initial VCO: 2201.585205  
 2014-04-13 15:26:30.360 Time Error: 0.000000  
 2014-04-13 15:26:30.360 RMS VCO: 0.0000000  
 2014-04-13 15:26:30.360 Best VCO: 2201.54  
 2014-04-13 15:26:30.360 Seconds Since Track or Lock: 0.0  
 2014-04-13 15:26:30.360 Vco Control: 2202  
 2014-04-13 15:26:30.360 timing mode: external seascan  
 2014-04-13 15:26:30.360 tempco normal  
 2014-04-13 15:26:30.360 PLL update: 10s PLL lock criterion: 5us  
 2014-04-13 15:26:30.360 Pfrac: 150.00  
 2014-04-13 15:26:30.360 VCO slope: -0.0175000  
 2014-04-13 15:26:30.360 VCO intercept: 7.1100001  
 2014-04-13 15:26:30.360 km delta: 600.0000000  
 2014-04-13 15:26:30.360 Logical Port 4 Status



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2014-04-13 15:26:30.360 Data Packets Sent: 670871  
 2014-04-13 15:26:30.360 Flood Packets Sent: 0  
 2014-04-13 15:26:30.360 Packets Re-Sent: 804  
 2014-04-13 15:26:30.360 Sequence Errors: 0  
 2014-04-13 15:26:30.360 Packet Buffer Used: 21477304  
 2014-04-13 15:26:30.360 Physical Port: Ethernet  
 2014-04-13 15:26:30.360 Baler Model: 14 Software Version: 2.28  
 2014-04-13 15:26:30.360 MAC Address: 00:04:FB:00:02:EA  
 2014-04-13 15:26:30.360 Disk Size: 20000669696  
 2014-04-13 15:26:30.360 Percent of 1177 data files in use: 3.2  
 2014-04-13 15:26:30.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-13 15:26:30.360 Channel Sensitivities (uV per count):  
 2014-04-13 15:26:30.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-13 15:26:30.360 Digitizer Calibration Results:  
 2014-04-13 15:26:30.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-13 15:26:30.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-13 15:26:30.360 DMU1 Software Version=10  
 2014-04-13 15:26:30.360 Supply Voltage=12.6  
 2014-04-13 15:26:30.360 Supply Current=0.41  
 2014-04-13 15:26:30.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-13 15:26:30.360 WebLink Data Maps Restored  
 2014-04-13 15:26:30.360 [2014-04-13 03:24:09.000000] sequence resumes overlapping:  
 609558 to 609557  
 2014-04-13 15:26:30.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-13 15:26:29  
 2014-04-13 15:31:39.540 [2014-04-13 15:23:48.000000] total packets received: 45691  
 2014-04-13 15:31:39.540 [2014-04-13 15:23:48.000000] command timeouts: 6  
 2014-04-13 15:31:39.540 [2014-04-13 15:23:48.000000] out of window: 42  
 2014-04-13 15:31:39.540 written: HHZ-1144 HH1-1288 HH2-1308 BDH-410 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-04-13 15:31:39.540 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-04-13 15:31:39.540 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2  
 2014-04-13 15:31:39.540 [2014-04-13 15:23:48.000000] Done: 4288 recs. seq end:  
 652737. run: 305 s  
 2014-04-14 03:32:34.350  
 2014-04-14 03:32:34.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-04-14 03:32:34.350 Control Port 2491 Opened  
 2014-04-14 03:32:34.350 Baler ready on Ethernet  
 2014-04-14 03:32:34.350 Power Cycled Baler Acknowledged  
 2014-04-14 03:32:34.350 Commands Accepted by Q330  
 2014-04-14 03:32:34.350 Access timeout: 300 sec  
 2014-04-14 03:32:34.350 Control Port 4023 Opened  
 2014-04-14 03:32:34.350 Data Port 4024 Opened  
 2014-04-14 03:32:34.350 Registered with Q330  
 2014-04-14 03:32:34.350 Combination Record Received  
 2014-04-14 03:32:34.350 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-04-14 03:32:34.350 Link Reset, starting window sequence: 61052  
 2014-04-14 03:32:34.350 GPS Receiver ID Received  
 2014-04-14 03:32:34.350 Manufacturer's Data Received, Property Tag=2017  
 2014-04-14 03:32:34.350 Digitizer Gain & Offsets Received  
 2014-04-14 03:32:34.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4288 recs.  
 seq end: 652737  
 2014-04-14 03:32:34.350 Baler clock set to 2014-04-14 03:32:33  
 2014-04-14 03:32:34.350 Starting to Read DP Tokens  
 2014-04-14 03:32:34.350 DP Tokens loaded, size=1474 bytes  
 2014-04-14 03:32:34.350 webserver advertising 192.168.200.119:5380  
 2014-04-14 03:32:34.350 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-04-14 03:32:34.350 filters & delay HH1:2@100,Linear all=0.320000  
 2014-04-14 03:32:34.350 filters & delay HH2:3@100,Linear all=0.320000  
 2014-04-14 03:32:34.350 filters & delay BDH:4@20,Linear all=1.650000  
 2014-04-14 03:32:34.350 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-04-14 03:32:34.350 filters & delay LH1:2@1,Linear all=15.000000

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2014-04-14 03:32:34.350 filters & delay LH2:3@1,Linear all=15.000000
2014-04-14 03:32:34.350 filters & delay LDH:4@1,Linear all=15.000000
2014-04-14 03:32:34.350 [2014-04-13 15:23:48.000000] continuity found: 652737
450717828.000000 Q=100
2014-04-14 03:32:34.350 [2014-04-13 15:23:48.000000] restoring continuity
2014-04-14 03:32:34.350 Sending DT_OPEN
2014-04-14 03:32:34.350 Station: XX-2017
2014-04-14 03:32:34.350 Q330 Serial Number: 0100000DB18FC351
2014-04-14 03:32:34.350 AMB Serial Number: 0100000B6909DD82
2014-04-14 03:32:34.350 Seismo 1 Serial Number: 0000000000000000
2014-04-14 03:32:34.350 Seismo 2 Serial Number: 0000000000000000
2014-04-14 03:32:34.350 QAPCHP 1 Serial Number: 4643206
2014-04-14 03:32:34.350 QAPCHP 2 Serial Number: 3743050
2014-04-14 03:32:34.350 KMI Property Tag Number: 2017
2014-04-14 03:32:34.350 System Software Version: 1.146
2014-04-14 03:32:34.350 Slave Processor Version: 1.11
2014-04-14 03:32:34.350 Calibrator Type: QCAL330
2014-04-14 03:32:34.350 Calibrator Version: 1.8
2014-04-14 03:32:34.350 Auxiliary Board Type: None
2014-04-14 03:32:34.350 Clock Type: Motorola M12
2014-04-14 03:32:34.350 PLD Version: 7.9
2014-04-14 03:32:34.350 Total Hours: 65335.96
2014-04-14 03:32:34.350 Power On Hours: 29966.34
2014-04-14 03:32:34.350 Time of Last Boot: 2014-04-06 02:03:58
2014-04-14 03:32:34.350 Total Number of Boots: 120
2014-04-14 03:32:34.350 Total Number of Re-Syncs: 213
2014-04-14 03:32:34.350 Status Inputs: 00000000
2014-04-14 03:32:34.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-04-14 03:32:34.350 Clock Quality: 100%
2014-04-14 03:32:34.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-14 03:32:34.350 Clock Phase: 1 usec. max allowed=50000
2014-04-14 03:32:34.350 Boom positions:
2014-04-14 03:32:34.350 ch1: -2 ch2: -8 ch3: -19 ch4: 20 ch5: 20 ch6: 20
2014-04-14 03:32:34.350 Analog Status
2014-04-14 03:32:34.350 Analog Positive Supply: 5.46V
2014-04-14 03:32:34.350 Input Voltage: 13.35V
2014-04-14 03:32:34.350 System Temperature: 5C
2014-04-14 03:32:34.350 Main Current: 62ma
2014-04-14 03:32:34.350 Antenna Current: 0ma
2014-04-14 03:32:34.350 GPS Status
2014-04-14 03:32:34.350 Time: 03:32:32
2014-04-14 03:32:34.350 Date:
2014-04-14 03:32:34.350 Fix Type: 1-D
2014-04-14 03:32:34.350 Height:
2014-04-14 03:32:34.350 Latitude:
2014-04-14 03:32:34.350 Longitude:
2014-04-14 03:32:34.350 On Time: 0min
2014-04-14 03:32:34.350 Sat. Used: 0
2014-04-14 03:32:34.350 In View: 0
2014-04-14 03:32:34.350 Checksum Errors: 0
2014-04-14 03:32:34.350 Last GPS timemark: 2014-04-14 03:32:31
2014-04-14 03:32:34.350 PLL Status
2014-04-14 03:32:34.350 State: Lock
2014-04-14 03:32:34.350 Initial VCO: 2201.406006
2014-04-14 03:32:34.350 Time Error: 0.000000
2014-04-14 03:32:34.350 RMS VCO: 0.000000
2014-04-14 03:32:34.350 Best VCO: 2201.40
2014-04-14 03:32:34.350 Seconds Since Track or Lock: 0.0
2014-04-14 03:32:34.350 Vco Control: 2201
2014-04-14 03:32:34.350 timing mode: external seascan
2014-04-14 03:32:34.350 tempco normal
2014-04-14 03:32:34.350 PLL update: 10s PLL lock criterion: 5us
2014-04-14 03:32:34.350 Pfrac: 150.00

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2014-04-14 03:32:34.350 VCO slope: -0.0175000  
 2014-04-14 03:32:34.350 VCO intercept: 7.1100001  
 2014-04-14 03:32:34.350 Km delta: 600.0000000  
 2014-04-14 03:32:34.350 Logical Port 4 Status  
 2014-04-14 03:32:34.350 Data Packets Sent: 716491  
 2014-04-14 03:32:34.350 Flood Packets Sent: 0  
 2014-04-14 03:32:34.350 Packets Re-Sent: 866  
 2014-04-14 03:32:34.350 Sequence Errors: 0  
 2014-04-14 03:32:34.350 Packet Buffer Used: 20617576  
 2014-04-14 03:32:34.350 Physical Port: Ethernet  
 2014-04-14 03:32:34.350 Baler Model: 14 Software Version: 2.28  
 2014-04-14 03:32:34.350 MAC Address: 00:04:FB:00:02:EA  
 2014-04-14 03:32:34.350 Disk Size: 20000669696  
 2014-04-14 03:32:34.350 Percent of 1177 data files in use: 3.4  
 2014-04-14 03:32:34.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-14 03:32:34.350 Channel sensitivities (uV per count):  
 2014-04-14 03:32:34.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-14 03:32:34.350 Digitizer Calibration Results:  
 2014-04-14 03:32:34.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-14 03:32:34.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-14 03:32:34.350 DMU1 Software Version=10  
 2014-04-14 03:32:34.350 Supply Voltage=12.7  
 2014-04-14 03:32:34.350 Supply Current=0.41  
 2014-04-14 03:32:34.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-14 03:32:34.350 WebLink Data Maps Restored  
 2014-04-14 03:32:34.350 [2014-04-13 15:23:48.000000] sequence resumes: 652737 to  
 652737  
 2014-04-14 03:32:34.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-04-14 03:32:33  
 2014-04-14 03:36:05.650 [2014-04-14 00:00:00.000001] Saving Configuration to Backup  
 Memory  
 2014-04-14 03:37:38.370 Reducing Status Polling Interval  
 2014-04-14 03:37:38.370 [2014-04-14 03:29:01.000001] total packets received: 43828  
 2014-04-14 03:37:38.370 [2014-04-14 03:29:01.000001] command timeouts: 6  
 2014-04-14 03:37:38.370 [2014-04-14 03:29:01.000001] out of window: 40  
 2014-04-14 03:37:38.370 written: HHZ-1056 HH1-1221 HH2-1245 BDH-411 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-04-14 03:37:38.370 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-04-14 03:37:38.370 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-04-14 03:37:38.370 [2014-04-14 03:29:01.000001] Done: 4067 recs. seq end:  
 696250. run: 301 s  
 2014-04-14 15:38:31.260  
 2014-04-14 15:38:31.260 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-04-14 15:38:31.260 Control Port 2491 Opened  
 2014-04-14 15:38:31.260 Baler ready on Ethernet  
 2014-04-14 15:38:31.260 Power Cycled Baler Acknowledged  
 2014-04-14 15:38:31.260 Commands Accepted by Q330  
 2014-04-14 15:38:31.260 Access timeout: 300 sec  
 2014-04-14 15:38:31.260 Control Port 4023 Opened  
 2014-04-14 15:38:31.260 Data Port 4024 Opened  
 2014-04-14 15:38:31.260 Registered with Q330  
 2014-04-14 15:38:31.260 Combination Record Received  
 2014-04-14 15:38:31.260 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-04-14 15:38:31.260 Link Reset, starting window sequence: 39269  
 2014-04-14 15:38:31.260 GPS Receiver ID Received  
 2014-04-14 15:38:31.260 Manufacturer's Data Received, Property Tag=2017  
 2014-04-14 15:38:31.260 Digitizer Gain & Offsets Received  
 2014-04-14 15:38:31.260 Msg From 192.168.200.119:Baler XX-2017 readback. 4067 recs.  
 seq end: 696250  
 2014-04-14 15:38:31.260 Baler clock set to 2014-04-14 15:38:30  
 2014-04-14 15:38:31.260 Starting to Read DP Tokens  
 2014-04-14 15:38:31.260 DP Tokens loaded, size=1474 bytes

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2014-04-14 15:38:31.260 webserver advertising 192.168.200.119:5380  
 2014-04-14 15:38:31.260 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-04-14 15:38:31.260 filters & delay HH1:2@100,Linear all=0.320000  
 2014-04-14 15:38:31.260 filters & delay HH2:3@100,Linear all=0.320000  
 2014-04-14 15:38:31.260 filters & delay BDH:4@20,Linear all=1.650000  
 2014-04-14 15:38:31.260 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-04-14 15:38:31.260 filters & delay LH1:2@1,Linear all=15.000000  
 2014-04-14 15:38:31.260 filters & delay LH2:3@1,Linear all=15.000000  
 2014-04-14 15:38:31.260 filters & delay LDH:4@1,Linear all=15.000000  
 2014-04-14 15:38:31.260 [2014-04-14 03:29:01.000001] continuity found: 696250  
 450761341.000000 Q=100  
 2014-04-14 15:38:31.260 [2014-04-14 03:29:01.000001] restoring continuity  
 2014-04-14 15:38:31.260 Sending DT\_OPEN  
 2014-04-14 15:38:31.260 Station: XX-2017  
 2014-04-14 15:38:31.260 Q330 Serial Number: 0100000DB18FC351  
 2014-04-14 15:38:31.260 AMB Serial Number: 0100000B6909DD82  
 2014-04-14 15:38:31.260 Seismo 1 Serial Number: 0000000000000000  
 2014-04-14 15:38:31.260 Seismo 2 Serial Number: 0000000000000000  
 2014-04-14 15:38:31.260 QAPCHP 1 Serial Number: 4643206  
 2014-04-14 15:38:31.260 QAPCHP 2 Serial Number: 3743050  
 2014-04-14 15:38:31.260 KMI Property Tag Number: 2017  
 2014-04-14 15:38:31.260 System Software Version: 1.146  
 2014-04-14 15:38:31.260 Slave Processor Version: 1.11  
 2014-04-14 15:38:31.260 Calibrator Type: QCAL330  
 2014-04-14 15:38:31.260 Calibrator Version: 1.8  
 2014-04-14 15:38:31.260 Auxiliary Board Type: None  
 2014-04-14 15:38:31.260 Clock Type: Motorola M12  
 2014-04-14 15:38:31.260 PLD Version: 7.9  
 2014-04-14 15:38:31.260 Total Hours: 65348.05  
 2014-04-14 15:38:31.260 Power On Hours: 29978.44  
 2014-04-14 15:38:31.260 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-14 15:38:31.260 Total Number of Boots: 120  
 2014-04-14 15:38:31.260 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-14 15:38:31.260 Total Number of Re-Syncs: 213  
 2014-04-14 15:38:31.260 Status Inputs: 00000000  
 2014-04-14 15:38:31.260 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-14 15:38:31.260 Clock Quality: 100%  
 2014-04-14 15:38:31.260 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-14 15:38:31.260 Clock Phase: 0 usec. max allowed=50000  
 2014-04-14 15:38:31.260 Boom positions:  
 2014-04-14 15:38:31.260 Ch1: -2 Ch2: -11 Ch3: -25 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-14 15:38:31.260 Analog Status  
 2014-04-14 15:38:31.260 Analog Positive Supply: 5.46v  
 2014-04-14 15:38:31.260 Input Voltage: 13.35v  
 2014-04-14 15:38:31.260 System Temperature: 5C  
 2014-04-14 15:38:31.260 Main Current: 62ma  
 2014-04-14 15:38:31.260 Antenna Current: 0ma  
 2014-04-14 15:38:31.260 GPS Status  
 2014-04-14 15:38:31.260 Time: 15:38:30  
 2014-04-14 15:38:31.260 Date:  
 2014-04-14 15:38:31.260 Fix Type: 1-D  
 2014-04-14 15:38:31.260 Height:  
 2014-04-14 15:38:31.260 Latitude:  
 2014-04-14 15:38:31.260 Longitude:  
 2014-04-14 15:38:31.260 On Time: 0min  
 2014-04-14 15:38:31.260 Sat. Used: 0  
 2014-04-14 15:38:31.260 In View: 0  
 2014-04-14 15:38:31.260 Checksum Errors: 0  
 2014-04-14 15:38:31.260 Last GPS timemark: 2014-04-14 15:38:29  
 2014-04-14 15:38:31.260 PLL Status  
 2014-04-14 15:38:31.260 State: Lock  
 2014-04-14 15:38:31.260 Initial VCO: 2201.262207  
 2014-04-14 15:38:31.260 Time Error: 0.000000

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2014-04-14 15:38:31.260 RMS VCO: 0.0000000
2014-04-14 15:38:31.260 Best VCO: 2201.18
2014-04-14 15:38:31.260 Seconds Since Track or Lock: 0.0
2014-04-14 15:38:31.260 Vco Control: 2201
2014-04-14 15:38:31.260 timing mode: external seascan
2014-04-14 15:38:31.260 tempco normal
2014-04-14 15:38:31.260 PLL update: 10s PLL lock criterion: 5us
2014-04-14 15:38:31.260 Pfrac: 150.00
2014-04-14 15:38:31.260 VCO slope: -0.0175000
2014-04-14 15:38:31.260 VCO intercept: 7.1100001
2014-04-14 15:38:31.260 Km delta: 600.0000000
2014-04-14 15:38:31.260 Logical Port 4 Status
2014-04-14 15:38:31.260 Data Packets Sent: 760249
2014-04-14 15:38:31.260 Flood Packets Sent: 0
2014-04-14 15:38:31.260 Packets Re-Sent: 925
2014-04-14 15:38:31.260 Sequence Errors: 0
2014-04-14 15:38:31.260 Packet Buffer Used: 21708608
2014-04-14 15:38:31.260 Physical Port: Ethernet
2014-04-14 15:38:31.260 Baler Model: 14 Software Version: 2.28
2014-04-14 15:38:31.260 MAC Address: 00:04:FB:00:02:EA
2014-04-14 15:38:31.260 Disk Size: 20000669696
2014-04-14 15:38:31.260 Percent of 1177 data files in use: 3.4
2014-04-14 15:38:31.260 Channels Enabled: 1234 Preamps ON channels:
2014-04-14 15:38:31.260 Channel Sensitivities (uV per count):
2014-04-14 15:38:31.260 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-14 15:38:31.260 Digitizer Calibration Results:
2014-04-14 15:38:31.260 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-14 15:38:31.260 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-14 15:38:31.260 DMU1 Software Version=10
2014-04-14 15:38:31.260 Supply Voltage=12.6
2014-04-14 15:38:31.260 Supply Current=0.41
2014-04-14 15:38:31.260 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-14 15:38:31.260 WebLink Data Maps Restored
2014-04-14 15:38:31.260 [2014-04-14 03:29:01.000001] sequence resumes: 696250 to
696250
2014-04-14 15:38:31.260 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-14 15:38:30
2014-04-14 15:43:52.460 Reducing Status Polling Interval
2014-04-14 15:43:52.460 [2014-04-14 15:43:51.999998] total packets received: 45394
2014-04-14 15:43:52.460 [2014-04-14 15:43:51.999998] command timeouts: 6
2014-04-14 15:43:52.460 [2014-04-14 15:43:51.999998] out of window: 51
2014-04-14 15:43:52.460 written: HHZ-1151 HH1-1343 HH2-1319 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-14 15:43:52.460 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-25 LH2-24 LDH-24
VMZ-2 VM1-2
2014-04-14 15:43:52.460 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-14 15:43:52.460 [2014-04-14 15:43:51.999998] Done: 4390 recs. seq end:
740341. run: 316 s
2014-04-15 03:44:42.340
2014-04-15 03:44:42.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-15 03:44:42.340 Control Port 2491 Opened
2014-04-15 03:44:42.340 Baler ready on Ethernet
2014-04-15 03:44:42.340 Power Cycled Baler Acknowledged
2014-04-15 03:44:42.340 Commands Accepted by Q330
2014-04-15 03:44:42.340 Access timeout: 300 sec
2014-04-15 03:44:42.340 Control Port 4023 Opened
2014-04-15 03:44:42.340 Registered with Q330
2014-04-15 03:44:42.340 Combination Record Received
2014-04-15 03:44:42.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-15 03:44:42.340 Link Reset, starting window sequence: 19040
2014-04-15 03:44:42.340 GPS Receiver ID Received
2014-04-15 03:44:42.340 Manufacturer's Data Received, Property Tag=2017
2014-04-15 03:44:42.340 Digitizer Gain & Offsets Received

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2014-04-15 03:44:42.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4390 recs.
seq end: 740341
2014-04-15 03:44:42.340 Baler clock set to 2014-04-15 03:44:41
2014-04-15 03:44:42.340 Starting to Read DP Tokens
2014-04-15 03:44:42.340 DP Tokens loaded, size=1474 bytes
2014-04-15 03:44:42.340 webserver advertising 192.168.200.119:5380
2014-04-15 03:44:42.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-15 03:44:42.340 filters & delay HH1:2@100,Linear all=0.320000
2014-04-15 03:44:42.340 filters & delay HH2:3@100,Linear all=0.320000
2014-04-15 03:44:42.340 filters & delay BDH:4@20,Linear all=1.650000
2014-04-15 03:44:42.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-15 03:44:42.340 filters & delay LH1:2@1,Linear all=15.000000
2014-04-15 03:44:42.340 filters & delay LH2:3@1,Linear all=15.000000
2014-04-15 03:44:42.340 filters & delay LDH:4@1,Linear all=15.000000
2014-04-15 03:44:42.340 [2014-04-14 15:43:51.999998] continuity found: 740341
450805432.000000 Q=100
2014-04-15 03:44:42.340 [2014-04-14 15:43:51.999998] restoring continuity
2014-04-15 03:44:42.340 Sending DT_OPEN
2014-04-15 03:44:42.340 Station: XX-2017
2014-04-15 03:44:42.340 Q330 Serial Number: 0100000DB18FC351
2014-04-15 03:44:42.340 AMB Serial Number: 0100000B6909DD82
2014-04-15 03:44:42.340 Seismo 1 Serial Number: 0000000000000000
2014-04-15 03:44:42.340 Seismo 2 Serial Number: 0000000000000000
2014-04-15 03:44:42.340 QAPCHP 1 Serial Number: 4643206
2014-04-15 03:44:42.340 QAPCHP 2 Serial Number: 3743050
2014-04-15 03:44:42.340 KMI Property Tag Number: 2017
2014-04-15 03:44:42.340 System Software Version: 1.146
2014-04-15 03:44:42.340 Slave Processor Version: 1.11
2014-04-15 03:44:42.340 Calibrator Type: QCAL330
2014-04-15 03:44:42.340 Calibrator Version: 1.8
2014-04-15 03:44:42.340 Auxiliary Board Type: None
2014-04-15 03:44:42.340 Clock Type: Motorola M12
2014-04-15 03:44:42.340 PLD Version: 7.9
2014-04-15 03:44:42.340 Total Hours: 65360.16
2014-04-15 03:44:42.340 Power On Hours: 29990.54
2014-04-15 03:44:42.340 Time of Last Boot: 2014-04-06 02:03:58
2014-04-15 03:44:42.340 Total Number of Boots: 120
2014-04-15 03:44:42.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-15 03:44:42.340 Total Number of Re-Syncs: 213
2014-04-15 03:44:42.340 Status Inputs: 00000000
2014-04-15 03:44:42.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-15 03:44:42.340 Clock Quality: 100%
2014-04-15 03:44:42.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-15 03:44:42.340 Clock Phase: 0 usec. max allowed=50000
2014-04-15 03:44:42.340 Boom positions:
2014-04-15 03:44:42.340 ch1: -2 ch2: -14 ch3: -24 ch4: 20 ch5: 20 ch6: 20
2014-04-15 03:44:42.340 Analog Status
2014-04-15 03:44:42.340 Analog Positive Supply: 5.46V
2014-04-15 03:44:42.340 Input Voltage: 13.35V
2014-04-15 03:44:42.340 System Temperature: 5C
2014-04-15 03:44:42.340 Main Current: 62ma
2014-04-15 03:44:42.340 Antenna Current: 0ma
2014-04-15 03:44:42.340 GPS Status
2014-04-15 03:44:42.340 Time: 03:44:41
2014-04-15 03:44:42.340 Date:
2014-04-15 03:44:42.340 Fix Type: 1-D
2014-04-15 03:44:42.340 Height:
2014-04-15 03:44:42.340 Latitude:
2014-04-15 03:44:42.340 Longitude:
2014-04-15 03:44:42.340 On Time: 0min
2014-04-15 03:44:42.340 Sat. Used: 0
2014-04-15 03:44:42.340 In View: 0
2014-04-15 03:44:42.340 Checksum Errors: 0

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2014-04-15 03:44:42.340 Last GPS timemark: 2014-04-15 03:44:40
2014-04-15 03:44:42.340 PLL Status
2014-04-15 03:44:42.340 State: Lock
2014-04-15 03:44:42.340 Initial VCO: 2201.481445
2014-04-15 03:44:42.340 Time Error: 0.000000
2014-04-15 03:44:42.340 RMS VCO: 0.000000
2014-04-15 03:44:42.340 Best VCO: 2201.47
2014-04-15 03:44:42.340 Seconds Since Track or Lock: 0.0
2014-04-15 03:44:42.340 Vco Control: 2201
2014-04-15 03:44:42.340 timing mode: external seascan
2014-04-15 03:44:42.340 tempco normal
2014-04-15 03:44:42.340 PLL update: 10s PLL lock criterion: 5us
2014-04-15 03:44:42.340 Pfrac: 150.00
2014-04-15 03:44:42.340 VCO slope: -0.0175000
2014-04-15 03:44:42.340 VCO intercept: 7.1100001
2014-04-15 03:44:42.340 Km delta: 600.0000000
2014-04-15 03:44:42.340 Logical Port 4 Status
2014-04-15 03:44:42.340 Data Packets Sent: 805562
2014-04-15 03:44:42.340 Flood Packets Sent: 0
2014-04-15 03:44:42.340 Packets Re-Sent: 990
2014-04-15 03:44:42.340 Sequence Errors: 0
2014-04-15 03:44:42.340 Packet Buffer Used: 21603616
2014-04-15 03:44:42.340 Physical Port: Ethernet
2014-04-15 03:44:42.340 Baler Model: 14 Software Version: 2.28
2014-04-15 03:44:42.340 MAC Address: 00:04:FB:00:02:EA
2014-04-15 03:44:42.340 Disk Size: 20000669696
2014-04-15 03:44:42.340 Percent of 1177 data files in use: 3.5
2014-04-15 03:44:42.340 Channels Enabled: 1234 Preamps ON channels:
2014-04-15 03:44:42.340 Channel Sensitivities (uV per count):
2014-04-15 03:44:42.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-15 03:44:42.340 Digitizer Calibration Results:
2014-04-15 03:44:42.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-15 03:44:42.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-15 03:44:42.340 DMU1 Software Version=10
2014-04-15 03:44:42.340 Supply Voltage=12.6
2014-04-15 03:44:42.340 Supply Current=0.41
2014-04-15 03:44:42.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-15 03:44:42.340 webLink Data Maps Restored
2014-04-15 03:44:42.340 [2014-04-14 15:43:51.999998] sequence resumes: 740341 to
740341
2014-04-15 03:44:42.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-15 03:44:41
2014-04-15 03:48:15.450 [2014-04-15 00:00:00.000000] Saving Configuration to Backup
Memory
2014-04-15 03:50:09.970 Reducing Status Polling Interval
2014-04-15 03:50:09.970 [2014-04-15 03:50:08.999998] total packets received: 44638
2014-04-15 03:50:09.970 [2014-04-15 03:50:08.999998] command timeouts: 6
2014-04-15 03:50:09.970 [2014-04-15 03:50:08.999998] out of window: 64
2014-04-15 03:50:09.970 written: HHZ-1144 HH1-1329 HH2-1318 BDH-440 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-04-15 03:50:09.970 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-25 LDH-24
VMZ-2 VM1-2
2014-04-15 03:50:09.970 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-15 03:50:09.970 [2014-04-15 03:50:08.999998] Done: 4373 recs. seq end:
783918. run: 322 s
2014-04-15 15:51:01.320
2014-04-15 15:51:01.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-15 15:51:01.320 Control Port 2491 Opened
2014-04-15 15:51:01.320 Baler ready on Ethernet
2014-04-15 15:51:01.320 Power Cycled Baler Acknowledged
2014-04-15 15:51:01.320 Commands Accepted by Q330
2014-04-15 15:51:01.320 Access timeout: 300 sec
2014-04-15 15:51:01.320 Control Port 4023 Opened

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2014-04-15 15:51:01.320 Data Port 4024 Opened
2014-04-15 15:51:01.320 Registered with Q330
2014-04-15 15:51:01.320 Combination Record Received
2014-04-15 15:51:01.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-15 15:51:01.320 Link Reset, starting window sequence: 63579
2014-04-15 15:51:01.320 GPS Receiver ID Received
2014-04-15 15:51:01.320 Manufacturer's Data Received, Property Tag=2017
2014-04-15 15:51:01.320 Digitizer Gain & Offsets Received
2014-04-15 15:51:01.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4373 recs.
seq end: 783918
2014-04-15 15:51:01.320 Baler clock set to 2014-04-15 15:51:00
2014-04-15 15:51:01.320 Starting to Read DP Tokens
2014-04-15 15:51:01.320 DP Tokens loaded, size=1474 bytes
2014-04-15 15:51:01.320 Webserver advertising 192.168.200.119:5380
2014-04-15 15:51:01.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-15 15:51:01.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-15 15:51:01.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-15 15:51:01.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-15 15:51:01.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-15 15:51:01.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-15 15:51:01.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-15 15:51:01.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-15 15:51:01.320 [2014-04-15 03:50:08.999998] continuity found: 783918
450849009.000000 Q=100
2014-04-15 15:51:01.320 [2014-04-15 03:50:08.999998] restoring continuity
2014-04-15 15:51:01.320 Sending DT_OPEN
2014-04-15 15:51:01.320 Station: XX-2017
2014-04-15 15:51:01.320 Q330 Serial Number: 0100000DB18FC351
2014-04-15 15:51:01.320 AMB Serial Number: 0100000B6909DD82
2014-04-15 15:51:01.320 Seismo 1 Serial Number: 0000000000000000
2014-04-15 15:51:01.320 Seismo 2 Serial Number: 0000000000000000
2014-04-15 15:51:01.320 QAPCHP 1 Serial Number: 4643206
2014-04-15 15:51:01.320 QAPCHP 2 Serial Number: 3743050
2014-04-15 15:51:01.320 KMI Property Tag Number: 2017
2014-04-15 15:51:01.320 System Software Version: 1.146
2014-04-15 15:51:01.320 Slave Processor Version: 1.11
2014-04-15 15:51:01.320 Calibrator Type: QCAL330
2014-04-15 15:51:01.320 Calibrator Version: 1.8
2014-04-15 15:51:01.320 Auxiliary Board Type: None
2014-04-15 15:51:01.320 Clock Type: Motorola M12
2014-04-15 15:51:01.320 PLD Version: 7.9
2014-04-15 15:51:01.320 Total Hours: 65372.26
2014-04-15 15:51:01.320 Power On Hours: 30002.65
2014-04-15 15:51:01.320 Time of Last Boot: 2014-04-06 02:03:58
2014-04-15 15:51:01.320 Total Number of Boots: 120
2014-04-15 15:51:01.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-15 15:51:01.320 Total Number of Re-Syncs: 213
2014-04-15 15:51:01.320 Status Inputs: 00000000
2014-04-15 15:51:01.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-15 15:51:01.320 Clock Quality: 100%
2014-04-15 15:51:01.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-15 15:51:01.320 Clock Phase: 0 usec. max allowed=50000
2014-04-15 15:51:01.320 Boom positions:
2014-04-15 15:51:01.320 ch1: -2 ch2: 6 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2014-04-15 15:51:01.320 Analog Status
2014-04-15 15:51:01.320 Analog Positive Supply: 5.46V
2014-04-15 15:51:01.320 Input Voltage: 13.20V
2014-04-15 15:51:01.320 System Temperature: 5C
2014-04-15 15:51:01.320 Main Current: 62ma
2014-04-15 15:51:01.320 Antenna Current: 0ma
2014-04-15 15:51:01.320 GPS Status
2014-04-15 15:51:01.320 Time: 15:51:00
2014-04-15 15:51:01.320 Date:

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2014-04-15 15:51:01.320 Fix Type: 1-D
2014-04-15 15:51:01.320 Height:
2014-04-15 15:51:01.320 Latitude:
2014-04-15 15:51:01.320 Longitude:
2014-04-15 15:51:01.320 On Time: 0min
2014-04-15 15:51:01.320 Sat. Used: 0
2014-04-15 15:51:01.320 In View: 0
2014-04-15 15:51:01.320 Checksum Errors: 0
2014-04-15 15:51:01.320 Last GPS timemark: 2014-04-15 15:50:59
2014-04-15 15:51:01.320 PLL Status
2014-04-15 15:51:01.320 State: Lock
2014-04-15 15:51:01.320 Initial VCO: 2201.716309
2014-04-15 15:51:01.320 Time Error: 0.000000
2014-04-15 15:51:01.320 RMS VCO: 0.000000
2014-04-15 15:51:01.320 Best VCO: 2201.80
2014-04-15 15:51:01.320 Seconds Since Track or Lock: 0.0
2014-04-15 15:51:01.320 Vco Control: 2202
2014-04-15 15:51:01.320 timing mode: external seascan
2014-04-15 15:51:01.320 tempco normal
2014-04-15 15:51:01.320 PLL update: 10s PLL lock criterion: 5us
2014-04-15 15:51:01.320 Pfrac: 150.00
2014-04-15 15:51:01.320 VCO intercept: 7.1100001
2014-04-15 15:51:01.320 Km delta: 600.000000
2014-04-15 15:51:01.320 Logical Port 4 Status
2014-04-15 15:51:01.320 Data Packets Sent: 850106
2014-04-15 15:51:01.320 Flood Packets Sent: 0
2014-04-15 15:51:01.320 Packets Re-Sent: 1070
2014-04-15 15:51:01.320 Sequence Errors: 0
2014-04-15 15:51:01.320 Packet Buffer Used: 22185364
2014-04-15 15:51:01.320 Physical Port: Ethernet
2014-04-15 15:51:01.320 Baler Model: 14 Software Version: 2.28
2014-04-15 15:51:01.320 MAC Address: 00:04:FB:00:02:EA
2014-04-15 15:51:01.320 Disk Size: 20000669696
2014-04-15 15:51:01.320 Percent of 1177 data files in use: 3.5
2014-04-15 15:51:01.320 Channels Enabled: 1234 Preamps ON channels:
2014-04-15 15:51:01.320 Channel Sensitivities (uV per count):
2014-04-15 15:51:01.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-15 15:51:01.320 Digitizer Calibration Results:
2014-04-15 15:51:01.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-15 15:51:01.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-15 15:51:01.320 DMU1 Software Version=10
2014-04-15 15:51:01.320 Supply Voltage=12.6
2014-04-15 15:51:01.320 Supply Current=0.41
2014-04-15 15:51:01.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-15 15:51:01.320 WebLink Data Maps Restored
2014-04-15 15:51:01.320 [2014-04-15 03:50:08.999998] sequence resumes: 783918 to
783918
2014-04-15 15:51:01.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-15 15:51:00
2014-04-15 15:56:31.640 Reducing Status Polling Interval
2014-04-15 15:56:31.640 [2014-04-15 15:56:30.999998] total packets received: 48490
2014-04-15 15:56:31.640 [2014-04-15 15:56:30.999998] command timeouts: 6
2014-04-15 15:56:31.640 [2014-04-15 15:56:30.999998] out of window: 51
2014-04-15 15:56:31.640 written: HHZ-1167 HH1-1393 HH2-1369 BDH-448 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-04-15 15:56:31.640 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-1 VM1-1
2014-04-15 15:56:31.640 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-15 15:56:31.640 [2014-04-15 15:56:30.999998] Done: 4514 recs. seq end:
827500. run: 325 s
2014-04-16 03:57:24.320
2014-04-16 03:57:24.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-16 03:57:24.320 Control Port 2491 Opened

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2014-04-16 03:57:24.320 Baler ready on Ethernet
2014-04-16 03:57:24.320 Power Cycled Baler Acknowledged
2014-04-16 03:57:24.320 Commands Accepted by Q330
2014-04-16 03:57:24.320 Access timeout: 300 sec
2014-04-16 03:57:24.320 Control Port 4023 Opened
2014-04-16 03:57:24.320 Data Port 4024 Opened
2014-04-16 03:57:24.320 Registered with Q330
2014-04-16 03:57:24.320 Combination Record Received
2014-04-16 03:57:24.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-16 03:57:24.320 Link Reset, starting window sequence: 46446
2014-04-16 03:57:24.320 GPS Receiver ID Received
2014-04-16 03:57:24.320 Manufacturer's Data Received, Property Tag=2017
2014-04-16 03:57:24.320 Digitizer Gain & Offsets Received
2014-04-16 03:57:24.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4514 recs.
seq end: 827500
2014-04-16 03:57:24.320 Baler clock set to 2014-04-16 03:57:23
2014-04-16 03:57:24.320 Starting to Read DP Tokens
2014-04-16 03:57:24.320 DP Tokens loaded, size=1474 bytes
2014-04-16 03:57:24.320 webserver advertising 192.168.200.119:5380
2014-04-16 03:57:24.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-16 03:57:24.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-16 03:57:24.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-16 03:57:24.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-16 03:57:24.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-16 03:57:24.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-16 03:57:24.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-16 03:57:24.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-16 03:57:24.320 [2014-04-15 15:56:30.999998] continuity found: 827500
450892591.000000 Q=100
2014-04-16 03:57:24.320 [2014-04-15 15:56:30.999998] restoring continuity
2014-04-16 03:57:24.320 Sending DT_OPEN
2014-04-16 03:57:24.320 Station: XX-2017
2014-04-16 03:57:24.320 Q330 Serial Number: 0100000DB18FC351
2014-04-16 03:57:24.320 AMB Serial Number: 0100000B6909DD82
2014-04-16 03:57:24.320 Seismo 1 Serial Number: 0000000000000000
2014-04-16 03:57:24.320 Seismo 2 Serial Number: 0000000000000000
2014-04-16 03:57:24.320 QAPCHP 1 Serial Number: 4643206
2014-04-16 03:57:24.320 QAPCHP 2 Serial Number: 3743050
2014-04-16 03:57:24.320 KMI Property Tag Number: 2017
2014-04-16 03:57:24.320 System Software Version: 1.146
2014-04-16 03:57:24.320 Slave Processor Version: 1.11
2014-04-16 03:57:24.320 Calibrator Type: QCAL330
2014-04-16 03:57:24.320 Calibrator Version: 1.8
2014-04-16 03:57:24.320 Auxiliary Board Type: None
2014-04-16 03:57:24.320 Clock Type: Motorola M12
2014-04-16 03:57:24.320 PLD Version: 7.9
2014-04-16 03:57:24.320 Total Hours: 65384.37
2014-04-16 03:57:24.320 Power On Hours: 30014.76
2014-04-16 03:57:24.320 Time of Last Boot: 2014-04-06 02:03:58
2014-04-16 03:57:24.320 Total Number of Boots: 120
2014-04-16 03:57:24.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-16 03:57:24.320 Total Number of Re-Syncs: 213
2014-04-16 03:57:24.320 Status Inputs: 00000000
2014-04-16 03:57:24.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-16 03:57:24.320 Clock Quality: 100%
2014-04-16 03:57:24.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-16 03:57:24.320 Clock Phase: 0 usec. max allowed=50000
2014-04-16 03:57:24.320 Boom positions:
2014-04-16 03:57:24.320 Ch1: -2 Ch2: 5 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-16 03:57:24.320 Analog Status
2014-04-16 03:57:24.320 Analog Positive Supply: 5.46v
2014-04-16 03:57:24.320 Input Voltage: 13.35v
2014-04-16 03:57:24.320 System Temperature: 5C

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2014-04-16 03:57:24.320 Main Current: 61ma  
 2014-04-16 03:57:24.320 Antenna Current: 0ma  
 2014-04-16 03:57:24.320 GPS Status  
 2014-04-16 03:57:24.320 Time: 03:57:23  
 2014-04-16 03:57:24.320 Date:  
 2014-04-16 03:57:24.320 Fix Type: 1-D  
 2014-04-16 03:57:24.320 Height:  
 2014-04-16 03:57:24.320 Latitude:  
 2014-04-16 03:57:24.320 Longitude:  
 2014-04-16 03:57:24.320 On Time: 0min  
 2014-04-16 03:57:24.320 Sat. Used: 0  
 2014-04-16 03:57:24.320 In View: 0  
 2014-04-16 03:57:24.320 Checksum Errors: 0  
 2014-04-16 03:57:24.320 Last GPS timemark: 2014-04-16 03:57:22  
 2014-04-16 03:57:24.320 PLL Status  
 2014-04-16 03:57:24.320 State: Lock  
 2014-04-16 03:57:24.320 Initial VCO: 2201.658936  
 2014-04-16 03:57:24.320 Time Error: 0.000000  
 2014-04-16 03:57:24.320 RMS VCO: 0.000000  
 2014-04-16 03:57:24.320 Best VCO: 2201.72  
 2014-04-16 03:57:24.320 Seconds Since Track or Lock: 0.0  
 2014-04-16 03:57:24.320 Vco Control: 2202  
 2014-04-16 03:57:24.320 timing mode: external seascan  
 2014-04-16 03:57:24.320 tempco normal  
 2014-04-16 03:57:24.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-16 03:57:24.320 Pfrac: 150.00  
 2014-04-16 03:57:24.320 VCO slope: -0.0175000  
 2014-04-16 03:57:24.320 VCO intercept: 7.1100001  
 2014-04-16 03:57:24.320 Km delta: 600.000000  
 2014-04-16 03:57:24.320 Logical Port 4 Status  
 2014-04-16 03:57:24.320 Data Packets Sent: 898515  
 2014-04-16 03:57:24.320 Flood Packets Sent: 0  
 2014-04-16 03:57:24.320 Packets Re-Sent: 1134  
 2014-04-16 03:57:24.320 Sequence Errors: 0  
 2014-04-16 03:57:24.320 Packet Buffer Used: 23337696  
 2014-04-16 03:57:24.320 Physical Port: Ethernet  
 2014-04-16 03:57:24.320 Baler Model: 14 Software Version: 2.28  
 2014-04-16 03:57:24.320 MAC Address: 00:04:FB:00:02:EA  
 2014-04-16 03:57:24.320 Disk Size: 20000669696  
 2014-04-16 03:57:24.320 Percent of 1177 data files in use: 3.7  
 2014-04-16 03:57:24.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-16 03:57:24.320 Channel Sensitivities (uV per count):  
 2014-04-16 03:57:24.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-16 03:57:24.320 Digitizer Calibration Results:  
 2014-04-16 03:57:24.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-16 03:57:24.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-16 03:57:24.320 DMU1 Software Version=10  
 2014-04-16 03:57:24.320 Supply Voltage=12.7  
 2014-04-16 03:57:24.320 Supply Current=0.41  
 2014-04-16 03:57:24.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-16 03:57:24.320 WebLink Data Maps Restored  
 2014-04-16 03:57:24.320 [2014-04-15 15:56:30.999998] sequence resumes: 827500 to  
 827500  
 2014-04-16 03:57:24.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-16 03:57:23  
 2014-04-16 04:01:16.870 [2014-04-16 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-04-16 04:03:08.370 Reducing Status Polling Interval  
 2014-04-16 04:03:08.370 [2014-04-16 04:03:06.999998] total packets received: 58486  
 2014-04-16 04:03:08.370 [2014-04-16 04:03:06.999998] command timeouts: 6  
 2014-04-16 04:03:08.370 [2014-04-16 04:03:06.999998] out of window: 56  
 2014-04-16 04:03:08.370 written: HHZ-1253 HH1-1469 HH2-1467 BDH-455 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2

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2014-04-16 04:03:08.370 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-26 LDH-32 VMZ-2 VM1-2

2014-04-16 04:03:08.370 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2

2014-04-16 04:03:08.370 [2014-04-16 04:03:06.999998] Done: 4801 recs. seq end: 871096. run: 340 s

2014-04-16 16:04:01.320

2014-04-16 16:04:01.320 Quanterra Packet Baler Model 14 Restart. Version 2.28

2014-04-16 16:04:01.320 Control Port 2491 Opened

2014-04-16 16:04:01.320 Baler ready on Ethernet

2014-04-16 16:04:01.320 Power Cycled Baler Acknowledged

2014-04-16 16:04:01.320 Commands Accepted by Q330

2014-04-16 16:04:01.320 Access timeout: 300 sec

2014-04-16 16:04:01.320 Control Port 4023 Opened

2014-04-16 16:04:01.320 Data Port 4024 Opened

2014-04-16 16:04:01.320 Registered with Q330

2014-04-16 16:04:01.320 Combination Record Received

2014-04-16 16:04:01.320 window=4 Min. Timeout=10 Max. Timeout=30

2014-04-16 16:04:01.320 Link Reset, starting window sequence: 39304

2014-04-16 16:04:01.320 GPS Receiver ID Received

2014-04-16 16:04:01.320 Manufacturer's Data Received, Property Tag=2017

2014-04-16 16:04:01.320 Digitizer Gain & Offsets Received

2014-04-16 16:04:01.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4801 recs. seq end: 871096

2014-04-16 16:04:01.320 Baler clock set to 2014-04-16 16:04:00

2014-04-16 16:04:01.320 Starting to Read DP Tokens

2014-04-16 16:04:01.320 DP Tokens loaded, size=1474 bytes

2014-04-16 16:04:01.320 Webserver advertising 192.168.200.119:5380

2014-04-16 16:04:01.320 filters & delay HHZ:1@100,Linear all=0.320000

2014-04-16 16:04:01.320 filters & delay HH1:2@100,Linear all=0.320000

2014-04-16 16:04:01.320 filters & delay HH2:3@100,Linear all=0.320000

2014-04-16 16:04:01.320 filters & delay BDH:4@20,Linear all=1.650000

2014-04-16 16:04:01.320 filters & delay LHZ:1@1,Linear all=15.000000

2014-04-16 16:04:01.320 filters & delay LH1:2@1,Linear all=15.000000

2014-04-16 16:04:01.320 filters & delay LH2:3@1,Linear all=15.000000

2014-04-16 16:04:01.320 filters & delay LDH:4@1,Linear all=15.000000

2014-04-16 16:04:01.320 [2014-04-16 04:03:06.999998] continuity found: 871096 450936187.000000 Q=100

2014-04-16 16:04:01.320 [2014-04-16 04:03:06.999998] restoring continuity

2014-04-16 16:04:01.320 Sending DT\_OPEN

2014-04-16 16:04:01.320 Station: XX-2017

2014-04-16 16:04:01.320 Q330 Serial Number: 0100000DB18FC351

2014-04-16 16:04:01.320 AMB Serial Number: 0100000B6909DD82

2014-04-16 16:04:01.320 Seismo 1 Serial Number: 0000000000000000

2014-04-16 16:04:01.320 Seismo 2 Serial Number: 0000000000000000

2014-04-16 16:04:01.320 QAPCHP 2 Serial Number: 3743050

2014-04-16 16:04:01.320 KMI Property Tag Number: 2017

2014-04-16 16:04:01.320 System Software Version: 1.146

2014-04-16 16:04:01.320 Slave Processor Version: 1.11

2014-04-16 16:04:01.320 Calibrator Type: QCAL330

2014-04-16 16:04:01.320 Calibrator Version: 1.8

2014-04-16 16:04:01.320 Auxiliary Board Type: None

2014-04-16 16:04:01.320 Clock Type: Motorola M12

2014-04-16 16:04:01.320 PLD Version: 7.9

2014-04-16 16:04:01.320 Total Hours: 65396.48

2014-04-16 16:04:01.320 Power On Hours: 30026.87

2014-04-16 16:04:01.320 Time of Last Boot: 2014-04-06 02:03:58

2014-04-16 16:04:01.320 Total Number of Boots: 120

2014-04-16 16:04:01.320 Time of Last Re-Sync: 2014-04-06 02:17:08

2014-04-16 16:04:01.320 Total Number of Re-Syncs: 213

2014-04-16 16:04:01.320 Status Inputs: 00000000

2014-04-16 16:04:01.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off

2014-04-16 16:04:01.320 Clock quality: 100%

2014-04-16 16:04:01.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

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2014-04-16 16:04:01.320 Clock Phase: 0 usec. max allowed=50000  
 2014-04-16 16:04:01.320 Boom positions:  
 2014-04-16 16:04:01.320 Ch1: -2 Ch2: 3 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-16 16:04:01.320 Analog Status  
 2014-04-16 16:04:01.320 Analog Positive Supply: 5.46V  
 2014-04-16 16:04:01.320 Input Voltage: 13.35V  
 2014-04-16 16:04:01.320 System Temperature: 5C  
 2014-04-16 16:04:01.320 Main Current: 62ma  
 2014-04-16 16:04:01.320 Antenna Current: 0ma  
 2014-04-16 16:04:01.320 GPS Status  
 2014-04-16 16:04:01.320 Time: 16:04:00  
 2014-04-16 16:04:01.320 Date:  
 2014-04-16 16:04:01.320 Fix Type: 1-D  
 2014-04-16 16:04:01.320 Height:  
 2014-04-16 16:04:01.320 Latitude:  
 2014-04-16 16:04:01.320 Longitude:  
 2014-04-16 16:04:01.320 On Time: 0min  
 2014-04-16 16:04:01.320 Sat. Used: 0  
 2014-04-16 16:04:01.320 In View: 0  
 2014-04-16 16:04:01.320 Checksum Errors: 0  
 2014-04-16 16:04:01.320 Last GPS timemark: 2014-04-16 16:03:59  
 2014-04-16 16:04:01.320 PLL Status  
 2014-04-16 16:04:01.320 State: Lock  
 2014-04-16 16:04:01.320 Initial VCO: 2201.820068  
 2014-04-16 16:04:01.320 Time Error: 0.000000  
 2014-04-16 16:04:01.320 RMS VCO: 0.000000  
 2014-04-16 16:04:01.320 Best VCO: 2201.79  
 2014-04-16 16:04:01.320 Seconds Since Track or Lock: 0.0  
 2014-04-16 16:04:01.320 Vco Control: 2202  
 2014-04-16 16:04:01.320 timing mode: external seascan  
 2014-04-16 16:04:01.320 tempco normal  
 2014-04-16 16:04:01.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-16 16:04:01.320 Pfrac: 150.00  
 2014-04-16 16:04:01.320 VCO slope: -0.0175000  
 2014-04-16 16:04:01.320 VCO intercept: 7.1100001  
 2014-04-16 16:04:01.320 km delta: 600.0000000  
 2014-04-16 16:04:01.320 Logical Port 4 Status  
 2014-04-16 16:04:01.320 Data Packets Sent: 956914  
 2014-04-16 16:04:01.320 Flood Packets Sent: 0  
 2014-04-16 16:04:01.320 Packets Re-Sent: 1202  
 2014-04-16 16:04:01.320 Sequence Errors: 0  
 2014-04-16 16:04:01.320 Packet Buffer Used: 26102652  
 2014-04-16 16:04:01.320 Physical Port: Ethernet  
 2014-04-16 16:04:01.320 Baler Model: 14 Software Version: 2.28  
 2014-04-16 16:04:01.320 MAC Address: 00:04:FB:00:02:EA  
 2014-04-16 16:04:01.320 Disk Size: 20000669696  
 2014-04-16 16:04:01.320 Percent of 1177 data files in use: 3.7  
 2014-04-16 16:04:01.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-16 16:04:01.320 Channel Sensitivities (uV per count):  
 2014-04-16 16:04:01.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-16 16:04:01.320 Digitizer Calibration Results:  
 2014-04-16 16:04:01.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-16 16:04:01.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-16 16:04:01.320 DMU1 Software Version=10  
 2014-04-16 16:04:01.320 Supply voltage=12.7  
 2014-04-16 16:04:01.320 Supply Current=0.41  
 2014-04-16 16:04:01.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-16 16:04:01.320 webLink Data Maps Restored  
 2014-04-16 16:04:01.320 [2014-04-16 04:03:06.999998] sequence resumes: 871096 to  
 871096  
 2014-04-16 16:04:01.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-16 16:04:00  
 2014-04-16 16:10:41.230 Reducing Status Polling Interval

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2014-04-16 16:10:41.230 [2014-04-16 16:10:40.999998] total packets received: 82066
2014-04-16 16:10:41.230 [2014-04-16 16:10:40.999998] command timeouts: 6
2014-04-16 16:10:41.230 [2014-04-16 16:10:40.999998] out of window: 71
2014-04-16 16:10:41.230 written: HHZ-1434 HH1-1699 HH2-1716 BDH-462 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-16 16:10:41.230 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-34 LH1-42 LH2-42 LDH-45
VMZ-2 VM1-2
2014-04-16 16:10:41.230 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-04-16 16:10:41.230 [2014-04-16 16:10:40.999998] Done: 5517 recs. seq end:
914750. run: 396 s
2014-04-17 04:11:33.360
2014-04-17 04:11:33.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-17 04:11:33.360 Control Port 2491 Opened
2014-04-17 04:11:33.360 Baler ready on Ethernet
2014-04-17 04:11:33.360 Power Cycled Baler Acknowledged
2014-04-17 04:11:33.360 Commands Accepted by Q330
2014-04-17 04:11:33.360 Access timeout: 300 sec
2014-04-17 04:11:33.360 Control Port 4023 Opened
2014-04-17 04:11:33.360 Data Port 4024 Opened
2014-04-17 04:11:33.360 Registered with Q330
2014-04-17 04:11:33.360 Combination Record Received
2014-04-17 04:11:33.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-17 04:11:33.360 Link Reset, starting window sequence: 55723
2014-04-17 04:11:33.360 GPS Receiver ID Received
2014-04-17 04:11:33.360 Manufacturer's Data Received, Property Tag=2017
2014-04-17 04:11:33.360 Digitizer Gain & Offsets Received
2014-04-17 04:11:33.360 Msg From 192.168.200.119:Baler XX-2017 readback. 5517 recs.
seq end: 914750
2014-04-17 04:11:33.360 Baler clock set to 2014-04-17 04:11:32
2014-04-17 04:11:33.360 Starting to Read DP Tokens
2014-04-17 04:11:33.360 DP Tokens loaded, size=1474 bytes
2014-04-17 04:11:33.360 webserver advertising 192.168.200.119:5380
2014-04-17 04:11:33.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-17 04:11:33.360 filters & delay HH1:2@100,Linear all=0.320000
2014-04-17 04:11:33.360 filters & delay HH2:3@100,Linear all=0.320000
2014-04-17 04:11:33.360 filters & delay BDH:4@20,Linear all=1.650000
2014-04-17 04:11:33.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-17 04:11:33.360 filters & delay LH1:2@1,Linear all=15.000000
2014-04-17 04:11:33.360 filters & delay LH2:3@1,Linear all=15.000000
2014-04-17 04:11:33.360 filters & delay LDH:4@1,Linear all=15.000000
2014-04-17 04:11:33.360 [2014-04-16 16:10:40.999998] continuity found: 914750
450979841.000000 Q=100
2014-04-17 04:11:33.360 [2014-04-16 16:10:40.999998] restoring continuity
2014-04-17 04:11:33.360 Sending DT_OPEN
2014-04-17 04:11:33.360 Station: XX-2017
2014-04-17 04:11:33.360 Q330 Serial Number: 0100000DB18FC351
2014-04-17 04:11:33.360 AMB Serial Number: 0100000B6909DD82
2014-04-17 04:11:33.360 Seismo 1 Serial Number: 0000000000000000
2014-04-17 04:11:33.360 Seismo 2 Serial Number: 0000000000000000
2014-04-17 04:11:33.360 QAPCHP 1 Serial Number: 4643206
2014-04-17 04:11:33.360 QAPCHP 2 Serial Number: 3743050
2014-04-17 04:11:33.360 KMI Property Tag Number: 2017
2014-04-17 04:11:33.360 System Software Version: 1.146
2014-04-17 04:11:33.360 Slave Processor Version: 1.11
2014-04-17 04:11:33.360 Calibrator Type: QCAL330
2014-04-17 04:11:33.360 Calibrator Version: 1.8
2014-04-17 04:11:33.360 Auxiliary Board Type: None
2014-04-17 04:11:33.360 Clock Type: Motorola M12
2014-04-17 04:11:33.360 PLD Version: 7.9
2014-04-17 04:11:33.360 Total Hours: 65408.61
2014-04-17 04:11:33.360 Power On Hours: 30038.99
2014-04-17 04:11:33.360 Time of Last Boot: 2014-04-06 02:03:58
2014-04-17 04:11:33.360 Total Number of Boots: 120

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2014-04-17 04:11:33.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-17 04:11:33.360 Total Number of Re-Syncs: 213  
 2014-04-17 04:11:33.360 Status Inputs: 00000000  
 2014-04-17 04:11:33.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-17 04:11:33.360 Clock Quality: 100%  
 2014-04-17 04:11:33.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-17 04:11:33.360 Clock Phase: 0 usec. max allowed=50000  
 2014-04-17 04:11:33.360 Boom positions:  
 2014-04-17 04:11:33.360 Ch1: -2 Ch2: 1 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-17 04:11:33.360 Analog Status  
 2014-04-17 04:11:33.360 Analog Positive Supply: 5.46V  
 2014-04-17 04:11:33.360 Input Voltage: 13.35V  
 2014-04-17 04:11:33.360 System Temperature: 5C  
 2014-04-17 04:11:33.360 Main Current: 63ma  
 2014-04-17 04:11:33.360 Antenna Current: 0ma  
 2014-04-17 04:11:33.360 GPS Status  
 2014-04-17 04:11:33.360 Time: 04:11:32  
 2014-04-17 04:11:33.360 Date:  
 2014-04-17 04:11:33.360 Fix Type: 1-D  
 2014-04-17 04:11:33.360 Height:  
 2014-04-17 04:11:33.360 Latitude:  
 2014-04-17 04:11:33.360 Longitude:  
 2014-04-17 04:11:33.360 On Time: 0min  
 2014-04-17 04:11:33.360 Sat. Used: 0  
 2014-04-17 04:11:33.360 In View: 0  
 2014-04-17 04:11:33.360 Checksum Errors: 0  
 2014-04-17 04:11:33.360 Last GPS timemark: 2014-04-17 04:11:31  
 2014-04-17 04:11:33.360 PLL Status  
 2014-04-17 04:11:33.360 State: Lock  
 2014-04-17 04:11:33.360 Initial VCO: 2201.999756  
 2014-04-17 04:11:33.360 Time Error: 0.000000  
 2014-04-17 04:11:33.360 RMS VCO: 0.000000  
 2014-04-17 04:11:33.360 Best VCO: 2202.00  
 2014-04-17 04:11:33.360 Seconds Since Track or Lock: 0.0  
 2014-04-17 04:11:33.360 Vco Control: 2202  
 2014-04-17 04:11:33.360 timing mode: external seascan  
 2014-04-17 04:11:33.360 tempco normal  
 2014-04-17 04:11:33.360 PLL update: 10s PLL lock criterion: 5us  
 2014-04-17 04:11:33.360 Pfrac: 150.00  
 2014-04-17 04:11:33.360 VCO slope: -0.0175000  
 2014-04-17 04:11:33.360 VCO intercept: 7.1100001  
 2014-04-17 04:11:33.360 Km delta: 600.000000  
 2014-04-17 04:11:33.360 Logical Port 4 Status  
 2014-04-17 04:11:33.360 Data Packets Sent: 1038875  
 2014-04-17 04:11:33.360 Flood Packets Sent: 0  
 2014-04-17 04:11:33.360 Packets Re-Sent: 1291  
 2014-04-17 04:11:33.360 Sequence Errors: 0  
 2014-04-17 04:11:33.360 Packet Buffer Used: 23258476  
 2014-04-17 04:11:33.360 Physical Port: Ethernet  
 2014-04-17 04:11:33.360 Baler Model: 14 Software Version: 2.28  
 2014-04-17 04:11:33.360 MAC Address: 00:04:FB:00:02:EA  
 2014-04-17 04:11:33.360 Disk Size: 20000669696  
 2014-04-17 04:11:33.360 Percent of 1177 data files in use: 3.9  
 2014-04-17 04:11:33.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-17 04:11:33.360 Channel Sensitivities (uV per count):  
 2014-04-17 04:11:33.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-17 04:11:33.360 Digitizer Calibration Results:  
 2014-04-17 04:11:33.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-17 04:11:33.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-17 04:11:33.360 DMU1 Software Version=10  
 2014-04-17 04:11:33.360 Supply Voltage=12.7  
 2014-04-17 04:11:33.360 Supply Current=0.41  
 2014-04-17 04:11:33.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A

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2014-04-17 04:11:33.360 WebLink Data Maps Restored
2014-04-17 04:11:33.360 [2014-04-16 16:10:40.999998] sequence resumes: 914750 to
914750
2014-04-17 04:11:33.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-17 04:11:32
2014-04-17 04:15:26.350 [2014-04-17 00:00:00.000000] Saving Configuration to Backup
Memory
2014-04-17 04:17:19.280 Reducing Status Polling Interval
2014-04-17 04:17:19.280 [2014-04-17 04:17:18.999998] total packets received: 58851
2014-04-17 04:17:19.280 [2014-04-17 04:17:18.999998] command timeouts: 6
2014-04-17 04:17:19.280 [2014-04-17 04:17:18.999998] out of window: 52
2014-04-17 04:17:19.280 written: HHZ-1238 HH1-1457 HH2-1468 BDH-458 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-04-17 04:17:19.280 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-17 04:17:19.280 [2014-04-17 04:17:18.999998] Done: 4797 recs. seq end:
958348. run: 342 s
2014-04-17 16:18:13.320
2014-04-17 16:18:13.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-17 16:18:13.320 Control Port 2491 Opened
2014-04-17 16:18:13.320 Baler ready on Ethernet
2014-04-17 16:18:13.320 Power Cycled Baler Acknowledged
2014-04-17 16:18:13.320 Commands Accepted by Q330
2014-04-17 16:18:13.320 Access timeout: 300 sec
2014-04-17 16:18:13.320 Control Port 4023 Opened
2014-04-17 16:18:13.320 Data Port 4024 Opened
2014-04-17 16:18:13.320 Registered with Q330
2014-04-17 16:18:13.320 Combination Record Received
2014-04-17 16:18:13.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-17 16:18:13.320 Link Reset, starting window sequence: 48950
2014-04-17 16:18:13.320 GPS Receiver ID Received
2014-04-17 16:18:13.320 Manufacturer's Data Received, Property Tag=2017
2014-04-17 16:18:13.320 Digitizer Gain & Offsets Received
2014-04-17 16:18:13.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4797 recs.
seq end: 958348
2014-04-17 16:18:13.320 Baler clock set to 2014-04-17 16:18:12
2014-04-17 16:18:13.320 Starting to Read DP Tokens
2014-04-17 16:18:13.320 DP Tokens loaded, size=1474 bytes
2014-04-17 16:18:13.320 Webserver advertising 192.168.200.119:5380
2014-04-17 16:18:13.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-17 16:18:13.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-17 16:18:13.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-17 16:18:13.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-17 16:18:13.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-17 16:18:13.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-17 16:18:13.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-17 16:18:13.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-17 16:18:13.320 [2014-04-17 04:17:18.999998] continuity found: 958348
451023439.000000 Q=100
2014-04-17 16:18:13.320 [2014-04-17 04:17:18.999998] restoring continuity
2014-04-17 16:18:13.320 Sending DT_OPEN
2014-04-17 16:18:13.320 Station: XX-2017
2014-04-17 16:18:13.320 Q330 Serial Number: 0100000DB18FC351
2014-04-17 16:18:13.320 AMB Serial Number: 0100000B6909DD82
2014-04-17 16:18:13.320 Seismo 1 Serial Number: 0000000000000000
2014-04-17 16:18:13.320 Seismo 2 Serial Number: 0000000000000000
2014-04-17 16:18:13.320 QAPCHP 1 Serial Number: 4643206
2014-04-17 16:18:13.320 QAPCHP 2 Serial Number: 3743050
2014-04-17 16:18:13.320 KMI Property Tag Number: 2017
2014-04-17 16:18:13.320 System Software Version: 1.146
2014-04-17 16:18:13.320 Slave Processor Version: 1.11
2014-04-17 16:18:13.320 Calibrator Type: QCAL330
2014-04-17 16:18:13.320 Calibrator Version: 1.8
2014-04-17 16:18:13.320 Auxiliary Board Type: None

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S01\_messages.txt

2014-04-17 16:18:13.320 Clock Type: Motorola M12  
 2014-04-17 16:18:13.320 PLD Version: 7.9  
 2014-04-17 16:18:13.320 Total Hours: 65420.72  
 2014-04-17 16:18:13.320 Power On Hours: 30051.10  
 2014-04-17 16:18:13.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-17 16:18:13.320 Total Number of Boots: 120  
 2014-04-17 16:18:13.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-17 16:18:13.320 Total Number of Re-Syncs: 213  
 2014-04-17 16:18:13.320 Status Inputs: 00000000  
 2014-04-17 16:18:13.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-17 16:18:13.320 Clock Quality: 100%  
 2014-04-17 16:18:13.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-17 16:18:13.320 Clock Phase: 0 usec. max allowed=50000  
 2014-04-17 16:18:13.320 Boom positions:  
 2014-04-17 16:18:13.320 Ch1: -2 Ch2: -1 Ch3: -8 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-17 16:18:13.320 Analog Status  
 2014-04-17 16:18:13.320 Analog Positive Supply: 5.46V  
 2014-04-17 16:18:13.320 Input Voltage: 13.20V  
 2014-04-17 16:18:13.320 System Temperature: 5C  
 2014-04-17 16:18:13.320 Main Current: 62ma  
 2014-04-17 16:18:13.320 Antenna Current: Oma  
 2014-04-17 16:18:13.320 GPS Status  
 2014-04-17 16:18:13.320 Time: 16:18:12  
 2014-04-17 16:18:13.320 Date:  
 2014-04-17 16:18:13.320 Fix Type: 1-D  
 2014-04-17 16:18:13.320 Height:  
 2014-04-17 16:18:13.320 Latitude:  
 2014-04-17 16:18:13.320 Longitude:  
 2014-04-17 16:18:13.320 On Time: 0min  
 2014-04-17 16:18:13.320 Sat. Used: 0  
 2014-04-17 16:18:13.320 In View: 0  
 2014-04-17 16:18:13.320 Checksum Errors: 0  
 2014-04-17 16:18:13.320 Last GPS timemark: 2014-04-17 16:18:11  
 2014-04-17 16:18:13.320 PLL Status  
 2014-04-17 16:18:13.320 State: Lock  
 2014-04-17 16:18:13.320 Initial VCO: 2201.992920  
 2014-04-17 16:18:13.320 Time Error: 0.000000  
 2014-04-17 16:18:13.320 RMS VCO: 0.000000  
 2014-04-17 16:18:13.320 Best VCO: 2201.96  
 2014-04-17 16:18:13.320 Seconds Since Track or Lock: 0.0  
 2014-04-17 16:18:13.320 Vco Control: 2202  
 2014-04-17 16:18:13.320 timing mode: external seascan  
 2014-04-17 16:18:13.320 tempco normal  
 2014-04-17 16:18:13.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-17 16:18:13.320 Pfrac: 150.00  
 2014-04-17 16:18:13.320 VCO slope: -0.0175000  
 2014-04-17 16:18:13.320 VCO intercept: 7.1100001  
 2014-04-17 16:18:13.320 Km delta: 600.000000  
 2014-04-17 16:18:13.320 Logical Port 4 Status  
 2014-04-17 16:18:13.320 Data Packets Sent: 1097643  
 2014-04-17 16:18:13.320 Flood Packets Sent: 0  
 2014-04-17 16:18:13.320 Packets Re-Sent: 1355  
 2014-04-17 16:18:13.320 Sequence Errors: 0  
 2014-04-17 16:18:13.320 Packet Buffer Used: 22867748  
 2014-04-17 16:18:13.320 Physical Port: Ethernet  
 2014-04-17 16:18:13.320 Baler Model: 14 Software Version: 2.28  
 2014-04-17 16:18:13.320 MAC Address: 00:04:FB:00:02:EA  
 2014-04-17 16:18:13.320 Disk Size: 20000669696  
 2014-04-17 16:18:13.320 Percent of 1177 data files in use: 3.9  
 2014-04-17 16:18:13.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-17 16:18:13.320 Channel Sensitivities (uV per count):  
 2014-04-17 16:18:13.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-17 16:18:13.320 Digitizer Calibration Results:

S01\_messages.txt

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2014-04-17 16:18:13.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-17 16:18:13.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-17 16:18:13.320 DMU1 Software Version=10
2014-04-17 16:18:13.320 Supply Voltage=12.5
2014-04-17 16:18:13.320 Supply Current=0.42
2014-04-17 16:18:13.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-17 16:18:13.320 WebLink Data Maps Restored
2014-04-17 16:18:13.320 [2014-04-17 04:17:18.999998] sequence resumes: 958348 to
958348
2014-04-17 16:18:13.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-17 16:18:12
2014-04-17 16:23:42.660 [2014-04-17 16:14:29.000000] total packets received: 51502
2014-04-17 16:23:42.660 [2014-04-17 16:14:29.000000] command timeouts: 6
2014-04-17 16:23:42.660 [2014-04-17 16:14:29.000000] out of window: 42
2014-04-17 16:23:42.660 written: HHZ-1188 HH1-1405 HH2-1436 BDH-449 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-17 16:23:42.660 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-26 LH2-28 LDH-36
VMZ-2 VM1-2
2014-04-17 16:23:42.660 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-17 16:23:42.660 [2014-04-17 16:14:29.000000] Done: 4636 recs. seq end:
1001378. run: 325 s
2014-04-18 04:24:36.320
2014-04-18 04:24:36.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-18 04:24:36.320 Control Port 2491 Opened
2014-04-18 04:24:36.320 Baler ready on Ethernet
2014-04-18 04:24:36.320 Power Cycled Baler Acknowledged
2014-04-18 04:24:36.320 Commands Accepted by Q330
2014-04-18 04:24:36.320 Access timeout: 300 sec
2014-04-18 04:24:36.320 Control Port 4023 Opened
2014-04-18 04:24:36.320 Data Port 4024 Opened
2014-04-18 04:24:36.320 Registered with Q330
2014-04-18 04:24:36.320 Combination Record Received
2014-04-18 04:24:36.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-18 04:24:36.320 Link Reset, starting window sequence: 34839
2014-04-18 04:24:36.320 GPS Receiver ID Received
2014-04-18 04:24:36.320 Manufacturer's Data Received, Property Tag=2017
2014-04-18 04:24:36.320 Digitizer Gain & Offsets Received
2014-04-18 04:24:36.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4636 recs.
seq end: 1001378
2014-04-18 04:24:36.320 Baler clock set to 2014-04-18 04:24:35
2014-04-18 04:24:36.320 Starting to Read DP Tokens
2014-04-18 04:24:36.320 DP Tokens loaded, size=1474 bytes
2014-04-18 04:24:36.320 webserver advertising 192.168.200.119:5380
2014-04-18 04:24:36.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-18 04:24:36.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-18 04:24:36.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-18 04:24:36.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-18 04:24:36.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-18 04:24:36.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-18 04:24:36.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-18 04:24:36.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-18 04:24:36.320 [2014-04-17 16:14:29.000000] continuity found: 1001378
451066469.000000 Q=100
2014-04-18 04:24:36.320 [2014-04-17 16:14:29.000000] restoring continuity
2014-04-18 04:24:36.320 Sending DT_OPEN
2014-04-18 04:24:36.320 Station: XX-2017
2014-04-18 04:24:36.320 Q330 Serial Number: 0100000DB18FC351
2014-04-18 04:24:36.320 AMB Serial Number: 0100000B6909DD82
2014-04-18 04:24:36.320 Seismo 1 Serial Number: 0000000000000000
2014-04-18 04:24:36.320 Seismo 2 Serial Number: 0000000000000000
2014-04-18 04:24:36.320 QAPCHP 1 Serial Number: 4643206
2014-04-18 04:24:36.320 QAPCHP 2 Serial Number: 3743050
2014-04-18 04:24:36.320 KMI Property Tag Number: 2017

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S01\_messages.txt

2014-04-18 04:24:36.320 System Software Version: 1.146  
 2014-04-18 04:24:36.320 Slave Processor Version: 1.11  
 2014-04-18 04:24:36.320 Calibrator Type: QCAL330  
 2014-04-18 04:24:36.320 Calibrator Version: 1.8  
 2014-04-18 04:24:36.320 Auxiliary Board Type: None  
 2014-04-18 04:24:36.320 Clock Type: Motorola M12  
 2014-04-18 04:24:36.320 PLD Version: 7.9  
 2014-04-18 04:24:36.320 Total Hours: 65432.82  
 2014-04-18 04:24:36.320 Power On Hours: 30063.21  
 2014-04-18 04:24:36.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-18 04:24:36.320 Total Number of Boots: 120  
 2014-04-18 04:24:36.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-18 04:24:36.320 Total Number of Re-Syncs: 213  
 2014-04-18 04:24:36.320 Status Inputs: 00000000  
 2014-04-18 04:24:36.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-18 04:24:36.320 Clock Quality: 100%  
 2014-04-18 04:24:36.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-18 04:24:36.320 Clock Phase: 0 usec. max allowed=50000  
 2014-04-18 04:24:36.320 Boom positions:  
 2014-04-18 04:24:36.320 ch1: -2 ch2: -3 ch3: -9 ch4: 20 ch5: 20 ch6: 20  
 2014-04-18 04:24:36.320 Analog Status  
 2014-04-18 04:24:36.320 Analog Positive Supply: 5.46V  
 2014-04-18 04:24:36.320 Input Voltage: 13.05V  
 2014-04-18 04:24:36.320 System Temperature: 5C  
 2014-04-18 04:24:36.320 Main Current: 61ma  
 2014-04-18 04:24:36.320 Antenna Current: 0ma  
 2014-04-18 04:24:36.320 GPS Status  
 2014-04-18 04:24:36.320 Time: 04:24:35  
 2014-04-18 04:24:36.320 Date:  
 2014-04-18 04:24:36.320 Fix Type: 1-D  
 2014-04-18 04:24:36.320 Height:  
 2014-04-18 04:24:36.320 Latitude:  
 2014-04-18 04:24:36.320 Longitude:  
 2014-04-18 04:24:36.320 On Time: 0min  
 2014-04-18 04:24:36.320 Sat. Used: 0  
 2014-04-18 04:24:36.320 In View: 0  
 2014-04-18 04:24:36.320 Checksum Errors: 0  
 2014-04-18 04:24:36.320 Last GPS timemark: 2014-04-18 04:24:34  
 2014-04-18 04:24:36.320 State: Lock  
 2014-04-18 04:24:36.320 Initial VCO: 2201.889893  
 2014-04-18 04:24:36.320 Time Error: 0.000000  
 2014-04-18 04:24:36.320 RMS VCO: 0.000000  
 2014-04-18 04:24:36.320 Best VCO: 2202.13  
 2014-04-18 04:24:36.320 Seconds Since Track or Lock: 0.0  
 2014-04-18 04:24:36.320 Vco Control: 2202  
 2014-04-18 04:24:36.320 timing mode: external seascan  
 2014-04-18 04:24:36.320 tempco normal  
 2014-04-18 04:24:36.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-18 04:24:36.320 Pfrac: 150.00  
 2014-04-18 04:24:36.320 VCO slope: -0.0175000  
 2014-04-18 04:24:36.320 VCO intercept: 7.1100001  
 2014-04-18 04:24:36.320 km delta: 600.0000000  
 2014-04-18 04:24:36.320 Logical Port 4 Status  
 2014-04-18 04:24:36.320 Data Packets Sent: 1149073  
 2014-04-18 04:24:36.320 Flood Packets Sent: 0  
 2014-04-18 04:24:36.320 Packets Re-Sent: 1416  
 2014-04-18 04:24:36.320 Sequence Errors: 0  
 2014-04-18 04:24:36.320 Packet Buffer Used: 22738024  
 2014-04-18 04:24:36.320 Physical Port: Ethernet  
 2014-04-18 04:24:36.320 Baler Model: 14 Software Version: 2.28  
 2014-04-18 04:24:36.320 MAC Address: 00:04:FB:00:02:EA  
 2014-04-18 04:24:36.320 Disk Size: 20000669696  
 2014-04-18 04:24:36.320 Percent of 1177 data files in use: 3.9

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S01_messages.txt
2014-04-18 04:24:36.320 Channels Enabled: 1234 Preamps ON channels:
2014-04-18 04:24:36.320 Channel Sensitivities (uV per count):
2014-04-18 04:24:36.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-18 04:24:36.320 Digitizer Calibration Results:
2014-04-18 04:24:36.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-18 04:24:36.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-18 04:24:36.320 DMU1 Software Version=10
2014-04-18 04:24:36.320 Supply Voltage=12.7
2014-04-18 04:24:36.320 Supply Current=0.41
2014-04-18 04:24:36.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-18 04:24:36.320 webLink Data Maps Restored
2014-04-18 04:24:36.320 [2014-04-17 16:14:29.000000] sequence resumes: 1001378 to
1001378
2014-04-18 04:24:36.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-18 04:24:35
2014-04-18 04:27:18.130 Reducing Status Polling Interval
2014-04-18 04:27:18.130 [2014-04-18 00:00:00.000000] Saving Configuration to Backup
Memory
2014-04-18 04:30:12.350 [2014-04-18 04:21:49.000000] total packets received: 47002
2014-04-18 04:30:12.350 [2014-04-18 04:21:49.000000] command timeouts: 6
2014-04-18 04:30:12.350 [2014-04-18 04:21:49.000000] out of window: 73
2014-04-18 04:30:12.350 written: HHZ-1171 HH1-1413 HH2-1406 BDH-455 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-18 04:30:12.350 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-26 LDH-35
VMZ-2 VM1-2
2014-04-18 04:30:12.350 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-18 04:30:12.350 [2014-04-18 04:21:49.000000] Done: 4606 recs. seq end:
1045018. run: 329 s
2014-04-18 16:31:03.320
2014-04-18 16:31:03.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-18 16:31:03.320 Control Port 2491 Opened
2014-04-18 16:31:03.320 Baler ready on Ethernet
2014-04-18 16:31:03.320 Power Cycled Baler Acknowledged
2014-04-18 16:31:03.320 Commands Accepted by Q330
2014-04-18 16:31:03.320 Access timeout: 300 sec
2014-04-18 16:31:03.320 Control Port 4023 Opened
2014-04-18 16:31:03.320 Data Port 4024 Opened
2014-04-18 16:31:03.320 Registered with Q330
2014-04-18 16:31:03.320 Combination Record Received
2014-04-18 16:31:03.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-18 16:31:03.320 Link Reset, starting window sequence: 16171
2014-04-18 16:31:03.320 GPS Receiver ID Received
2014-04-18 16:31:03.320 Manufacturer's Data Received, Property Tag=2017
2014-04-18 16:31:03.320 Digitizer Gain & Offsets Received
2014-04-18 16:31:03.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4606 recs.
seq end: 1045018
2014-04-18 16:31:03.320 Baler clock set to 2014-04-18 16:31:02
2014-04-18 16:31:03.320 Starting to Read DP Tokens
2014-04-18 16:31:03.320 DP Tokens loaded, size=1474 bytes
2014-04-18 16:31:03.320 webserver advertising 192.168.200.119:5380
2014-04-18 16:31:03.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-18 16:31:03.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-18 16:31:03.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-18 16:31:03.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-18 16:31:03.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-18 16:31:03.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-18 16:31:03.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-18 16:31:03.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-18 16:31:03.320 [2014-04-18 04:21:49.000000] continuity found: 1045018
451110109.000000 Q=100
2014-04-18 16:31:03.320 [2014-04-18 04:21:49.000000] restoring continuity
2014-04-18 16:31:03.320 Sending DT_OPEN
2014-04-18 16:31:03.320 Station: XX-2017

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S01\_messages.txt

2014-04-18 16:31:03.320 Q330 Serial Number: 0100000DB18FC351  
 2014-04-18 16:31:03.320 AMB Serial Number: 0100000B6909DD82  
 2014-04-18 16:31:03.320 Seismo 1 Serial Number: 0000000000000000  
 2014-04-18 16:31:03.320 Seismo 2 Serial Number: 0000000000000000  
 2014-04-18 16:31:03.320 QAPCHP 1 Serial Number: 4643206  
 2014-04-18 16:31:03.320 QAPCHP 2 Serial Number: 3743050  
 2014-04-18 16:31:03.320 KMI Property Tag Number: 2017  
 2014-04-18 16:31:03.320 System Software Version: 1.146  
 2014-04-18 16:31:03.320 Slave Processor Version: 1.11  
 2014-04-18 16:31:03.320 Calibrator Type: QCAL330  
 2014-04-18 16:31:03.320 Calibrator Version: 1.8  
 2014-04-18 16:31:03.320 Auxiliary Board Type: None  
 2014-04-18 16:31:03.320 Clock Type: Motorola M12  
 2014-04-18 16:31:03.320 PLD Version: 7.9  
 2014-04-18 16:31:03.320 Total Hours: 65444.93  
 2014-04-18 16:31:03.320 Power On Hours: 30075.32  
 2014-04-18 16:31:03.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-18 16:31:03.320 Total Number of Boots: 120  
 2014-04-18 16:31:03.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-18 16:31:03.320 Total Number of Re-Syncs: 213  
 2014-04-18 16:31:03.320 Status Inputs: 00000000  
 2014-04-18 16:31:03.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-04-18 16:31:03.320 Clock Quality: 100%  
 2014-04-18 16:31:03.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-18 16:31:03.320 Clock Phase: 0 usec. max allowed=50000  
 2014-04-18 16:31:03.320 Boom positions:  
 2014-04-18 16:31:03.320 Ch1: -2 ch2: -4 ch3: -13 ch4: 20 ch5: 20 ch6: 20  
 2014-04-18 16:31:03.320 Analog Status  
 2014-04-18 16:31:03.320 Analog Positive Supply: 5.46V  
 2014-04-18 16:31:03.320 Input Voltage: 13.20V  
 2014-04-18 16:31:03.320 System Temperature: 5C  
 2014-04-18 16:31:03.320 Main Current: 61ma  
 2014-04-18 16:31:03.320 Antenna Current: 0ma  
 2014-04-18 16:31:03.320 GPS Status  
 2014-04-18 16:31:03.320 Time: 16:31:02  
 2014-04-18 16:31:03.320 Date:  
 2014-04-18 16:31:03.320 Fix Type: 1-D  
 2014-04-18 16:31:03.320 Height:  
 2014-04-18 16:31:03.320 Latitude:  
 2014-04-18 16:31:03.320 Longitude:  
 2014-04-18 16:31:03.320 On Time: 0min  
 2014-04-18 16:31:03.320 Sat. Used: 0  
 2014-04-18 16:31:03.320 In View: 0  
 2014-04-18 16:31:03.320 Checksum Errors: 0  
 2014-04-18 16:31:03.320 Last GPS timemark: 2014-04-18 16:31:01  
 2014-04-18 16:31:03.320 PLL Status  
 2014-04-18 16:31:03.320 State: Lock  
 2014-04-18 16:31:03.320 Initial VCO: 2201.554199  
 2014-04-18 16:31:03.320 Time Error: 0.000000  
 2014-04-18 16:31:03.320 RMS VCO: 0.0000000  
 2014-04-18 16:31:03.320 Best VCO: 2201.81  
 2014-04-18 16:31:03.320 Seconds Since Track or Lock: 0.0  
 2014-04-18 16:31:03.320 Vco Control: 2201  
 2014-04-18 16:31:03.320 timing mode: external seascan  
 2014-04-18 16:31:03.320 tempco normal  
 2014-04-18 16:31:03.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-18 16:31:03.320 Pfrac: 150.00  
 2014-04-18 16:31:03.320 VCO slope: -0.0175000  
 2014-04-18 16:31:03.320 VCO intercept: 7.1100001  
 2014-04-18 16:31:03.320 km delta: 600.0000000  
 2014-04-18 16:31:03.320 Logical Port 4 Status  
 2014-04-18 16:31:03.320 Data Packets Sent: 1195946  
 2014-04-18 16:31:03.320 Flood Packets Sent: 0

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2014-04-18 16:31:03.320 Packets Re-Sent: 1507
2014-04-18 16:31:03.320 Sequence Errors: 0
2014-04-18 16:31:03.320 Packet Buffer Used: 23336200
2014-04-18 16:31:03.320 Physical Port: Ethernet
2014-04-18 16:31:03.320 Baler Model: 14   Software Version: 2.28
2014-04-18 16:31:03.320 MAC Address: 00:04:FB:00:02:EA
2014-04-18 16:31:03.320 Disk Size: 20000669696
2014-04-18 16:31:03.320 Percent of 1177 data files in use: 4.2
2014-04-18 16:31:03.320 Channels Enabled: 1234   Preamps ON channels:
2014-04-18 16:31:03.320 Channel Sensitivities (uV per count):
2014-04-18 16:31:03.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-18 16:31:03.320 Digitizer Calibration Results:
2014-04-18 16:31:03.320 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-04-18 16:31:03.320 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-04-18 16:31:03.320 DMU1 Software Version=10
2014-04-18 16:31:03.320 Supply Voltage=12.6
2014-04-18 16:31:03.320 Supply Current=0.41
2014-04-18 16:31:03.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-18 16:31:03.320 webLink Data Maps Restored
2014-04-18 16:31:03.320 [2014-04-18 04:21:49.000000] sequence resumes: 1045018 to
1045018
2014-04-18 16:31:03.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-04-18 16:31:02
2014-04-18 16:36:51.280 Reducing Status Polling Interval
2014-04-18 16:36:51.280 [2014-04-18 16:36:49.999998] total packets received: 54777
2014-04-18 16:36:51.280 [2014-04-18 16:36:49.999998] command timeouts: 6
2014-04-18 16:36:51.280 [2014-04-18 16:36:49.999998] out of window: 56
2014-04-18 16:36:51.280 written: HHZ-1239 HH1-1457 HH2-1481 BDH-460 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-04-18 16:36:51.280 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-26 LH2-27 LDH-33
VMZ-1 VM1-1
2014-04-18 16:36:51.280 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-18 16:36:51.280 [2014-04-18 16:36:49.999998] Done: 4787 recs. seq end:
1089119. run: 343 s
2014-04-19 04:37:43.350
2014-04-19 04:37:43.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-19 04:37:43.350 Control Port 2491 Opened
2014-04-19 04:37:43.350 Baler ready on Ethernet
2014-04-19 04:37:43.350 Power Cycled Baler Acknowledged
2014-04-19 04:37:43.350 Commands Accepted by Q330
2014-04-19 04:37:43.350 Access timeout: 300 sec
2014-04-19 04:37:43.350 Control Port 4023 Opened
2014-04-19 04:37:43.350 Data Port 4024 Opened
2014-04-19 04:37:43.350 Registered with Q330
2014-04-19 04:37:43.350 Combination Record Received
2014-04-19 04:37:43.350 Window=4   Min. Timeout=10   Max. Timeout=30
2014-04-19 04:37:43.350 Link Reset, starting window sequence: 5320
2014-04-19 04:37:43.350 GPS Receiver ID Received
2014-04-19 04:37:43.350 Manufacturer's Data Received, Property Tag=2017
2014-04-19 04:37:43.350 Digitizer Gain & Offsets Received
2014-04-19 04:37:43.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4787 recs.
seq end: 1089119
2014-04-19 04:37:43.350 Baler clock set to 2014-04-19 04:37:42
2014-04-19 04:37:43.350 Starting to Read DP Tokens
2014-04-19 04:37:43.350 DP Tokens loaded, size=1474 bytes
2014-04-19 04:37:43.350 Webserver advertising 192.168.200.119:5380
2014-04-19 04:37:43.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-19 04:37:43.350 filters & delay HH1:2@100,Linear all=0.320000
2014-04-19 04:37:43.350 filters & delay HH2:3@100,Linear all=0.320000
2014-04-19 04:37:43.350 filters & delay BDH:4@20,Linear all=1.650000
2014-04-19 04:37:43.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-19 04:37:43.350 filters & delay LH1:2@1,Linear all=15.000000
2014-04-19 04:37:43.350 filters & delay LH2:3@1,Linear all=15.000000

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2014-04-19 04:37:43.350 [2014-04-18 16:36:49.999998] continuity found: 1089119
451154210.000000 Q=100
2014-04-19 04:37:43.350 [2014-04-18 16:36:49.999998] restoring continuity
2014-04-19 04:37:43.350 Sending DT_OPEN
2014-04-19 04:37:43.350 Station: XX-2017
2014-04-19 04:37:43.350 Q330 Serial Number: 0100000DB18FC351
2014-04-19 04:37:43.350 AMB Serial Number: 0100000B6909DD82
2014-04-19 04:37:43.350 Seismo 1 Serial Number: 0000000000000000
2014-04-19 04:37:43.350 Seismo 2 Serial Number: 0000000000000000
2014-04-19 04:37:43.350 QAPCHP 1 Serial Number: 4643206
2014-04-19 04:37:43.350 QAPCHP 2 Serial Number: 3743050
2014-04-19 04:37:43.350 KMI Property Tag Number: 2017
2014-04-19 04:37:43.350 System Software Version: 1.146
2014-04-19 04:37:43.350 Slave Processor Version: 1.11
2014-04-19 04:37:43.350 Calibrator Type: QCAL330
2014-04-19 04:37:43.350 Calibrator Version: 1.8
2014-04-19 04:37:43.350 Auxiliary Board Type: None
2014-04-19 04:37:43.350 Clock Type: Motorola M12
2014-04-19 04:37:43.350 PLD Version: 7.9
2014-04-19 04:37:43.350 Total Hours: 65457.04
2014-04-19 04:37:43.350 Power On Hours: 30087.43
2014-04-19 04:37:43.350 Time of Last Boot: 2014-04-06 02:03:58
2014-04-19 04:37:43.350 Total Number of Boots: 120
2014-04-19 04:37:43.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-19 04:37:43.350 Total Number of Re-Syncs: 213
2014-04-19 04:37:43.350 Status Inputs: 00000000
2014-04-19 04:37:43.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-19 04:37:43.350 Clock Quality: 100%
2014-04-19 04:37:43.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-19 04:37:43.350 Clock Phase: -2 usec. max allowed=50000
2014-04-19 04:37:43.350 Boom positions:
2014-04-19 04:37:43.350 Ch1: -2 Ch2: -6 Ch3: -17 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-19 04:37:43.350 Analog Status
2014-04-19 04:37:43.350 Analog Positive Supply: 5.46V
2014-04-19 04:37:43.350 Input Voltage: 13.20V
2014-04-19 04:37:43.350 System Temperature: 5C
2014-04-19 04:37:43.350 Main Current: 62ma
2014-04-19 04:37:43.350 Antenna Current: 0ma
2014-04-19 04:37:43.350 GPS Status
2014-04-19 04:37:43.350 Time: 04:37:43
2014-04-19 04:37:43.350 Date:
2014-04-19 04:37:43.350 Fix Type: 1-D
2014-04-19 04:37:43.350 Height:
2014-04-19 04:37:43.350 Latitude:
2014-04-19 04:37:43.350 Longitude:
2014-04-19 04:37:43.350 On Time: 0min
2014-04-19 04:37:43.350 Sat. Used: 0
2014-04-19 04:37:43.350 In View: 0
2014-04-19 04:37:43.350 Checksum Errors: 0
2014-04-19 04:37:43.350 Last GPS timemark: 2014-04-19 04:37:42
2014-04-19 04:37:43.350 PLL Status
2014-04-19 04:37:43.350 State: Lock
2014-04-19 04:37:43.350 Initial VCO: 2201.555664
2014-04-19 04:37:43.350 Time Error: 0.000002
2014-04-19 04:37:43.350 RMS VCO: 0.0000000
2014-04-19 04:37:43.350 Best VCO: 2201.31
2014-04-19 04:37:43.350 Seconds Since Track or Lock: 0.0
2014-04-19 04:37:43.350 Vco Control: 2201
2014-04-19 04:37:43.350 timing mode: external seascan
2014-04-19 04:37:43.350 tempco normal
2014-04-19 04:37:43.350 PLL update: 10s PLL lock criterion: 5us
2014-04-19 04:37:43.350 Pfrac: 150.00
2014-04-19 04:37:43.350 VCO slope: -0.0175000

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2014-04-19 04:37:43.350 VCO intercept: 7.1100001
2014-04-19 04:37:43.350 Km delta: 600.0000000
2014-04-19 04:37:43.350 Logical Port 4 Status
2014-04-19 04:37:43.350 Data Packets Sent: 1250636
2014-04-19 04:37:43.350 Flood Packets Sent: 0
2014-04-19 04:37:43.350 Packets Re-Sent: 1580
2014-04-19 04:37:43.350 Sequence Errors: 0
2014-04-19 04:37:43.350 Packet Buffer Used: 22603108
2014-04-19 04:37:43.350 Physical Port: Ethernet
2014-04-19 04:37:43.350 Baler Model: 14 Software Version: 2.28
2014-04-19 04:37:43.350 MAC Address: 00:04:FB:00:02:EA
2014-04-19 04:37:43.350 Disk Size: 20000669696
2014-04-19 04:37:43.350 Percent of 1177 data files in use: 4.2
2014-04-19 04:37:43.350 Channels Enabled: 1234 Preamps ON channels:
2014-04-19 04:37:43.350 Channel Sensitivities (uV per count):
2014-04-19 04:37:43.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-19 04:37:43.350 Digitizer Calibration Results:
2014-04-19 04:37:43.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-19 04:37:43.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-19 04:37:43.350 DMU1 Software Version=10
2014-04-19 04:37:43.350 Supply Voltage=12.7
2014-04-19 04:37:43.350 Supply Current=0.41
2014-04-19 04:37:43.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-19 04:37:43.350 WebLink Data Maps Restored
2014-04-19 04:37:43.350 [2014-04-18 16:36:49.999998] sequence resumes: 1089119 to
1089119
2014-04-19 04:37:43.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-19 04:37:42
2014-04-19 04:40:56.570 [2014-04-19 00:00:00.000000] Saving Configuration to Backup
Memory
2014-04-19 04:43:13.670 [2014-04-19 04:39:23.000000] total packets received: 48282
2014-04-19 04:43:13.670 [2014-04-19 04:39:23.000000] command timeouts: 6
2014-04-19 04:43:13.670 [2014-04-19 04:39:23.000000] out of window: 55
2014-04-19 04:43:13.670 written: HHZ-1186 HH1-1405 HH2-1412 BDH-448 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-04-19 04:43:13.670 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-30
VMZ-2 VM1-2
2014-04-19 04:43:13.670 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-19 04:43:13.670 [2014-04-19 04:39:23.000000] Done: 4600 recs. seq end:
1132472. run: 325 s
2014-04-19 16:44:07.330
2014-04-19 16:44:07.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-19 16:44:07.330 Control Port 2491 Opened
2014-04-19 16:44:07.330 Baler ready on Ethernet
2014-04-19 16:44:07.330 Power Cycled Baler Acknowledged
2014-04-19 16:44:07.330 Commands Accepted by Q330
2014-04-19 16:44:07.330 Access timeout: 300 sec
2014-04-19 16:44:07.330 Control Port 4023 Opened
2014-04-19 16:44:07.330 Data Port 4024 Opened
2014-04-19 16:44:07.330 Registered with Q330
2014-04-19 16:44:07.330 Combination Record Received
2014-04-19 16:44:07.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-19 16:44:07.330 Link Reset, starting window sequence: 53511
2014-04-19 16:44:07.330 GPS Receiver ID Received
2014-04-19 16:44:07.330 Manufacturer's Data Received, Property Tag=2017
2014-04-19 16:44:07.330 Digitizer Gain & Offsets Received
2014-04-19 16:44:07.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4600 recs.
seq end: 1132472
2014-04-19 16:44:07.330 Baler clock set to 2014-04-19 16:44:06
2014-04-19 16:44:07.330 Starting to Read DP Tokens
2014-04-19 16:44:07.330 DP Tokens loaded, size=1474 bytes
2014-04-19 16:44:07.330 Webserver advertising 192.168.200.119:5380
2014-04-19 16:44:07.330 filters & delay HHZ:1@100,Linear all=0.320000

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2014-04-19 16:44:07.330 filters & delay HH1:2@100,Linear all=0.320000
2014-04-19 16:44:07.330 filters & delay HH2:3@100,Linear all=0.320000
2014-04-19 16:44:07.330 filters & delay BDH:4@20,Linear all=1.650000
2014-04-19 16:44:07.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-19 16:44:07.330 filters & delay LH1:2@1,Linear all=15.000000
2014-04-19 16:44:07.330 filters & delay LH2:3@1,Linear all=15.000000
2014-04-19 16:44:07.330 filters & delay LDH:4@1,Linear all=15.000000
2014-04-19 16:44:07.330 [2014-04-19 04:39:23.000000] continuity found: 1132472
451197563.000000 Q=100
2014-04-19 16:44:07.330 [2014-04-19 04:39:23.000000] restoring continuity
2014-04-19 16:44:07.330 Sending DT_OPEN
2014-04-19 16:44:07.330 Station: XX-2017
2014-04-19 16:44:07.330 Q330 Serial Number: 0100000DB18FC351
2014-04-19 16:44:07.330 AMB Serial Number: 0100000B6909DD82
2014-04-19 16:44:07.330 Seismo 1 Serial Number: 0000000000000000
2014-04-19 16:44:07.330 Seismo 2 Serial Number: 0000000000000000
2014-04-19 16:44:07.330 QAPCHP 1 Serial Number: 4643206
2014-04-19 16:44:07.330 QAPCHP 2 Serial Number: 3743050
2014-04-19 16:44:07.330 KMI Property Tag Number: 2017
2014-04-19 16:44:07.330 System Software Version: 1.146
2014-04-19 16:44:07.330 Slave Processor Version: 1.11
2014-04-19 16:44:07.330 Calibrator Type: QCAL330
2014-04-19 16:44:07.330 Calibrator Version: 1.8
2014-04-19 16:44:07.330 Auxiliary Board Type: None
2014-04-19 16:44:07.330 Clock Type: Motorola M12
2014-04-19 16:44:07.330 PLD Version: 7.9
2014-04-19 16:44:07.330 Total Hours: 65469.15
2014-04-19 16:44:07.330 Power On Hours: 30099.54
2014-04-19 16:44:07.330 Time of Last Boot: 2014-04-06 02:03:58
2014-04-19 16:44:07.330 Total Number of Boots: 120
2014-04-19 16:44:07.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-19 16:44:07.330 Total Number of Re-Syncs: 213
2014-04-19 16:44:07.330 Status Inputs: 00000000
2014-04-19 16:44:07.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-04-19 16:44:07.330 Clock Quality: 100%
2014-04-19 16:44:07.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-19 16:44:07.330 Clock Phase: 0 usec. max allowed=50000
2014-04-19 16:44:07.330 Boom positions:
2014-04-19 16:44:07.330 ch1: -2 ch2: -7 ch3: -17 ch4: 20 ch5: 20 ch6: 20
2014-04-19 16:44:07.330 Analog Status
2014-04-19 16:44:07.330 Analog Positive Supply: 5.46V
2014-04-19 16:44:07.330 Input Voltage: 13.20V
2014-04-19 16:44:07.330 System Temperature: 5C
2014-04-19 16:44:07.330 Main Current: 62ma
2014-04-19 16:44:07.330 Antenna Current: 0ma
2014-04-19 16:44:07.330 GPS Status
2014-04-19 16:44:07.330 Time: 16:44:06
2014-04-19 16:44:07.330 Date:
2014-04-19 16:44:07.330 Fix Type: 1-D
2014-04-19 16:44:07.330 Height:
2014-04-19 16:44:07.330 Latitude:
2014-04-19 16:44:07.330 Longitude:
2014-04-19 16:44:07.330 On Time: 0min
2014-04-19 16:44:07.330 Sat. Used: 0
2014-04-19 16:44:07.330 In View: 0
2014-04-19 16:44:07.330 Checksum Errors: 0
2014-04-19 16:44:07.330 Last GPS timemark: 2014-04-19 16:44:05
2014-04-19 16:44:07.330 PLL Status
2014-04-19 16:44:07.330 State: Lock
2014-04-19 16:44:07.330 Initial VCO: 2201.925293
2014-04-19 16:44:07.330 Time Error: 0.000000
2014-04-19 16:44:07.330 RMS VCO: 0.0000000
2014-04-19 16:44:07.330 Best VCO: 2201.94

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2014-04-19 16:44:07.330 Seconds Since Track or Lock: 0.0
2014-04-19 16:44:07.330 Vco Control: 2202
2014-04-19 16:44:07.330 timing mode: external seascan
2014-04-19 16:44:07.330 tempco normal
2014-04-19 16:44:07.330 PLL update: 10s PLL lock criterion: 5us
2014-04-19 16:44:07.330 Pfrac: 150.00
2014-04-19 16:44:07.330 VCO slope: -0.0175000
2014-04-19 16:44:07.330 VCO intercept: 7.1100001
2014-04-19 16:44:07.330 km delta: 600.0000000
2014-04-19 16:44:07.330 Logical Port 4 Status
2014-04-19 16:44:07.330 Data Packets Sent: 1298833
2014-04-19 16:44:07.330 Flood Packets Sent: 0
2014-04-19 16:44:07.330 Packets Re-Sent: 1649
2014-04-19 16:44:07.330 Sequence Errors: 0
2014-04-19 16:44:07.330 Packet Buffer Used: 22508672
2014-04-19 16:44:07.330 Physical Port: Ethernet
2014-04-19 16:44:07.330 Baler Model: 14 Software Version: 2.28
2014-04-19 16:44:07.330 MAC Address: 00:04:FB:00:02:EA
2014-04-19 16:44:07.330 Disk Size: 20000669696
2014-04-19 16:44:07.330 Percent of 1177 data files in use: 4.2
2014-04-19 16:44:07.330 Channels Enabled: 1234 Preamps ON channels:
2014-04-19 16:44:07.330 Channel Sensitivities (uV per count):
2014-04-19 16:44:07.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-19 16:44:07.330 Digitizer Calibration Results:
2014-04-19 16:44:07.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-19 16:44:07.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-19 16:44:07.330 DMU1 Software Version=10
2014-04-19 16:44:07.330 Supply Voltage=12.7
2014-04-19 16:44:07.330 Supply Current=0.41
2014-04-19 16:44:07.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-19 16:44:07.330 webLink Data Maps Restored
2014-04-19 16:44:07.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-19 16:44:06
2014-04-19 16:49:37.650 [2014-04-19 16:49:36.999998] total packets received: 49934
2014-04-19 16:49:37.650 [2014-04-19 16:49:36.999998] command timeouts: 6
2014-04-19 16:49:37.650 [2014-04-19 16:49:36.999998] out of window: 54
2014-04-19 16:49:37.650 written: HHZ-1179 HH1-1408 HH2-1407 BDH-448 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-19 16:49:37.650 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-25 LDH-28
VMZ-2 VM1-2
2014-04-19 16:49:37.650 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2
2014-04-19 16:49:37.650 [2014-04-19 16:49:36.999998] Done: 4593 recs. seq end:
1176286. run: 325 s
2014-04-20 04:50:30.330
2014-04-20 04:50:30.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-20 04:50:30.330 Control Port 2491 Opened
2014-04-20 04:50:30.330 Baler ready on Ethernet
2014-04-20 04:50:30.330 Power Cycled Baler Acknowledged
2014-04-20 04:50:30.330 Commands Accepted by Q330
2014-04-20 04:50:30.330 Access timeout: 300 sec
2014-04-20 04:50:30.330 Control Port 4023 Opened
2014-04-20 04:50:30.330 Data Port 4024 Opened
2014-04-20 04:50:30.330 Registered with Q330
2014-04-20 04:50:30.330 Combination Record Received
2014-04-20 04:50:30.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-20 04:50:30.330 Link Reset, starting window sequence: 37820
2014-04-20 04:50:30.330 GPS Receiver ID Received
2014-04-20 04:50:30.330 Manufacturer's Data Received, Property Tag=2017
2014-04-20 04:50:30.330 Digitizer Gain & Offsets Received
2014-04-20 04:50:30.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4593 recs.
seq end: 1176286
2014-04-20 04:50:30.330 Baler clock set to 2014-04-20 04:50:29
2014-04-20 04:50:30.330 Starting to Read DP Tokens

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2014-04-20 04:50:30.330 DP Tokens loaded, size=1474 bytes
2014-04-20 04:50:30.330 Webserver advertising 192.168.200.119:5380
2014-04-20 04:50:30.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-20 04:50:30.330 filters & delay HH1:2@100,Linear all=0.320000
2014-04-20 04:50:30.330 filters & delay HH2:3@100,Linear all=0.320000
2014-04-20 04:50:30.330 filters & delay BDH:4@20,Linear all=1.650000
2014-04-20 04:50:30.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-20 04:50:30.330 filters & delay LH1:2@1,Linear all=15.000000
2014-04-20 04:50:30.330 filters & delay LH2:3@1,Linear all=15.000000
2014-04-20 04:50:30.330 filters & delay LDH:4@1,Linear all=15.000000
2014-04-20 04:50:30.330 [2014-04-19 16:49:36.999998] continuity found: 1176286
451241377.000000 Q=100
2014-04-20 04:50:30.330 [2014-04-19 16:49:36.999998] restoring continuity
2014-04-20 04:50:30.330 Sending DT_OPEN
2014-04-20 04:50:30.330 Station: XX-2017
2014-04-20 04:50:30.330 Q330 Serial Number: 0100000DB18FC351
2014-04-20 04:50:30.330 AMB Serial Number: 0100000B6909DD82
2014-04-20 04:50:30.330 Seismo 1 Serial Number: 0000000000000000
2014-04-20 04:50:30.330 Seismo 2 Serial Number: 0000000000000000
2014-04-20 04:50:30.330 QAPCHP 1 Serial Number: 4643206
2014-04-20 04:50:30.330 QAPCHP 2 Serial Number: 3743050
2014-04-20 04:50:30.330 KMI Property Tag Number: 2017
2014-04-20 04:50:30.330 System Software Version: 1.146
2014-04-20 04:50:30.330 Slave Processor Version: 1.11
2014-04-20 04:50:30.330 Calibrator Type: QCAL330
2014-04-20 04:50:30.330 Calibrator Version: 1.8
2014-04-20 04:50:30.330 Auxiliary Board Type: None
2014-04-20 04:50:30.330 Clock Type: Motorola M12
2014-04-20 04:50:30.330 PLD Version: 7.9
2014-04-20 04:50:30.330 Total Hours: 65481.26
2014-04-20 04:50:30.330 Power On Hours: 30111.64
2014-04-20 04:50:30.330 Time of Last Boot: 2014-04-06 02:03:58
2014-04-20 04:50:30.330 Total Number of Boots: 120
2014-04-20 04:50:30.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-20 04:50:30.330 Total Number of Re-Syncs: 213
2014-04-20 04:50:30.330 Status Inputs: 00000000
2014-04-20 04:50:30.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-20 04:50:30.330 Clock Quality: 100%
2014-04-20 04:50:30.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-20 04:50:30.330 Clock Phase: 0 usec. max allowed=50000
2014-04-20 04:50:30.330 Boom positions:
2014-04-20 04:50:30.330 Ch1: -2 Ch2: -9 Ch3: -16 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-20 04:50:30.330 Analog Status
2014-04-20 04:50:30.330 Analog Positive Supply: 5.46V
2014-04-20 04:50:30.330 Input Voltage: 13.20V
2014-04-20 04:50:30.330 System Temperature: 5C
2014-04-20 04:50:30.330 Main Current: 62ma
2014-04-20 04:50:30.330 Antenna Current: 0ma
2014-04-20 04:50:30.330 GPS Status
2014-04-20 04:50:30.330 Time: 04:50:29
2014-04-20 04:50:30.330 Date:
2014-04-20 04:50:30.330 Fix Type: 1-D
2014-04-20 04:50:30.330 Height:
2014-04-20 04:50:30.330 Latitude:
2014-04-20 04:50:30.330 Longitude:
2014-04-20 04:50:30.330 On Time: 0min
2014-04-20 04:50:30.330 Sat. Used: 0
2014-04-20 04:50:30.330 In View: 0
2014-04-20 04:50:30.330 Checksum Errors: 0
2014-04-20 04:50:30.330 Last GPS timemark: 2014-04-20 04:50:28
2014-04-20 04:50:30.330 PLL Status
2014-04-20 04:50:30.330 State: Lock
2014-04-20 04:50:30.330 Initial VCO: 2202.109619

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2014-04-20 04:50:30.330 Time Error: 0.000000
2014-04-20 04:50:30.330 RMS VCO: 0.0000000
2014-04-20 04:50:30.330 Best VCO: 2202.29
2014-04-20 04:50:30.330 Seconds Since Track or Lock: 0.0
2014-04-20 04:50:30.330 Vco Control: 2202
2014-04-20 04:50:30.330 timing mode: external seascan
2014-04-20 04:50:30.330 tempco normal
2014-04-20 04:50:30.330 PLL update: 10s PLL lock criterion: 5us
2014-04-20 04:50:30.330 Pfrac: 150.00
2014-04-20 04:50:30.330 VCO slope: -0.0175000
2014-04-20 04:50:30.330 VCO intercept: 7.1100001
2014-04-20 04:50:30.330 km delta: 600.0000000
2014-04-20 04:50:30.330 Logical Port 4 Status
2014-04-20 04:50:30.330 Data Packets Sent: 1348683
2014-04-20 04:50:30.330 Flood Packets Sent: 0
2014-04-20 04:50:30.330 Packets Re-Sent: 1717
2014-04-20 04:50:30.330 Sequence Errors: 0
2014-04-20 04:50:30.330 Packet Buffer Used: 22550736
2014-04-20 04:50:30.330 Physical Port: Ethernet
2014-04-20 04:50:30.330 Baler Model: 14 Software Version: 2.28
2014-04-20 04:50:30.330 MAC Address: 00:04:FB:00:02:EA
2014-04-20 04:50:30.330 Disk Size: 20000669696
2014-04-20 04:50:30.330 Percent of 1177 data files in use: 4.5
2014-04-20 04:50:30.330 Channels Enabled: 1234 Preamps ON channels:
2014-04-20 04:50:30.330 Channel Sensitivities (uV per count):
2014-04-20 04:50:30.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-20 04:50:30.330 Digitizer Calibration Results:
2014-04-20 04:50:30.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-20 04:50:30.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-20 04:50:30.330 DMU1 Software Version=10
2014-04-20 04:50:30.330 Supply Voltage=12.6
2014-04-20 04:50:30.330 Supply Current=0.41
2014-04-20 04:50:30.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-20 04:50:30.330 webLink Data Maps Restored
2014-04-20 04:50:30.330 [2014-04-19 16:49:36.999998] sequence resumes: 1176286 to
1176286
2014-04-20 04:50:30.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-04-20 04:50:29
2014-04-20 04:53:40.310 [2014-04-20 00:00:00.000000] saving Configuration to Backup
Memory
2014-04-20 04:56:01.250 [2014-04-20 04:53:46.000000] total packets received: 47338
2014-04-20 04:56:01.250 [2014-04-20 04:53:46.000000] command timeouts: 6
2014-04-20 04:56:01.250 [2014-04-20 04:53:46.000000] out of window: 58
2014-04-20 04:56:01.250 written: HHZ-1189 HH1-1403 HH2-1403 BDH-452 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-04-20 04:56:01.250 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-26 LDH-32
VMZ-1 VM1-1
2014-04-20 04:56:01.250 written: VM2-1 LOG-3 ACE-2 OCF-2
2014-04-20 04:56:01.250 [2014-04-20 04:53:46.000000] Done: 4592 recs. seq end:
1219735. run: 325 s
2014-04-20 16:56:54.360
2014-04-20 16:56:54.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-20 16:56:54.360 Control Port 2491 Opened
2014-04-20 16:56:54.360 Baler ready on Ethernet
2014-04-20 16:56:54.360 Power Cycled Baler Acknowledged
2014-04-20 16:56:54.360 Commands Accepted by Q330
2014-04-20 16:56:54.360 Access timeout: 300 sec
2014-04-20 16:56:54.360 Control Port 4023 Opened
2014-04-20 16:56:54.360 Data Port 4024 Opened
2014-04-20 16:56:54.360 Registered with Q330
2014-04-20 16:56:54.360 Combination Record Received
2014-04-20 16:56:54.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-20 16:56:54.360 Link Reset, starting window sequence: 19529

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2014-04-20 16:56:54.360 GPS Receiver ID Received
2014-04-20 16:56:54.360 Manufacturer's Data Received, Property Tag=2017
2014-04-20 16:56:54.360 Digitizer Gain & Offsets Received
2014-04-20 16:56:54.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4592 recs.
seq end: 1219735
2014-04-20 16:56:54.360 Baler clock set to 2014-04-20 16:56:53
2014-04-20 16:56:54.360 Starting to Read DP Tokens
2014-04-20 16:56:54.360 DP Tokens loaded, size=1474 bytes
2014-04-20 16:56:54.360 webserver advertising 192.168.200.119:5380
2014-04-20 16:56:54.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-20 16:56:54.360 filters & delay HH1:2@100,Linear all=0.320000
2014-04-20 16:56:54.360 filters & delay HH2:3@100,Linear all=0.320000
2014-04-20 16:56:54.360 filters & delay BDH:4@20,Linear all=1.650000
2014-04-20 16:56:54.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-20 16:56:54.360 filters & delay LH1:2@1,Linear all=15.000000
2014-04-20 16:56:54.360 filters & delay LH2:3@1,Linear all=15.000000
2014-04-20 16:56:54.360 filters & delay LDH:4@1,Linear all=15.000000
2014-04-20 16:56:54.360 [2014-04-20 04:53:46.000000] continuity found: 1219735
451284826.000000 Q=100
2014-04-20 16:56:54.360 [2014-04-20 04:53:46.000000] restoring continuity
2014-04-20 16:56:54.360 Sending DT_OPEN
2014-04-20 16:56:54.360 Station: XX-2017
2014-04-20 16:56:54.360 Q330 Serial Number: 0100000DB18FC351
2014-04-20 16:56:54.360 AMB Serial Number: 0100000B6909DD82
2014-04-20 16:56:54.360 Seismo 1 Serial Number: 0000000000000000
2014-04-20 16:56:54.360 Seismo 2 Serial Number: 0000000000000000
2014-04-20 16:56:54.360 QAPCHP 1 Serial Number: 4643206
2014-04-20 16:56:54.360 QAPCHP 2 Serial Number: 3743050
2014-04-20 16:56:54.360 KMI Property Tag Number: 2017
2014-04-20 16:56:54.360 System Software Version: 1.146
2014-04-20 16:56:54.360 Slave Processor Version: 1.11
2014-04-20 16:56:54.360 Calibrator Type: QCAL330
2014-04-20 16:56:54.360 Calibrator Version: 1.8
2014-04-20 16:56:54.360 Auxiliary Board Type: None
2014-04-20 16:56:54.360 Clock Type: Motorola M12
2014-04-20 16:56:54.360 PLD Version: 7.9
2014-04-20 16:56:54.360 Total Hours: 65493.36
2014-04-20 16:56:54.360 Power On Hours: 30123.75
2014-04-20 16:56:54.360 Time of Last Boot: 2014-04-06 02:03:58
2014-04-20 16:56:54.360 Total Number of Boots: 120
2014-04-20 16:56:54.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-20 16:56:54.360 Total Number of Re-Syncs: 213
2014-04-20 16:56:54.360 Status Inputs: 00000000
2014-04-20 16:56:54.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-20 16:56:54.360 Clock Quality: 100%
2014-04-20 16:56:54.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-20 16:56:54.360 Clock Phase: 0 usec. max allowed=50000
2014-04-20 16:56:54.360 Boom positions:
2014-04-20 16:56:54.360 Ch1: -2 Ch2: -11 Ch3: -16 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-20 16:56:54.360 Analog Status
2014-04-20 16:56:54.360 Analog Positive Supply: 5.46V
2014-04-20 16:56:54.360 Input Voltage: 13.35V
2014-04-20 16:56:54.360 System Temperature: 5C
2014-04-20 16:56:54.360 Antenna Current: 0ma
2014-04-20 16:56:54.360 GPS Status
2014-04-20 16:56:54.360 Time: 16:56:53
2014-04-20 16:56:54.360 Date:
2014-04-20 16:56:54.360 Fix Type: 1-D
2014-04-20 16:56:54.360 Height:
2014-04-20 16:56:54.360 Latitude:
2014-04-20 16:56:54.360 Longitude:
2014-04-20 16:56:54.360 On Time: 0min
2014-04-20 16:56:54.360 Sat. Used: 0

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2014-04-20 16:56:54.360 In View: 0  
 2014-04-20 16:56:54.360 Checksum Errors: 0  
 2014-04-20 16:56:54.360 Last GPS timemark: 2014-04-20 16:56:52  
 2014-04-20 16:56:54.360 PLL Status  
 2014-04-20 16:56:54.360 State: Lock  
 2014-04-20 16:56:54.360 Initial VCO: 2201.948975  
 2014-04-20 16:56:54.360 Time Error: 0.000000  
 2014-04-20 16:56:54.360 RMS VCO: 0.000000  
 2014-04-20 16:56:54.360 Best VCO: 2202.07  
 2014-04-20 16:56:54.360 Seconds Since Track or Lock: 0.0  
 2014-04-20 16:56:54.360 Vco Control: 2202  
 2014-04-20 16:56:54.360 timing mode: external seascan  
 2014-04-20 16:56:54.360 tempco normal  
 2014-04-20 16:56:54.360 PLL update: 10s PLL lock criterion: 5us  
 2014-04-20 16:56:54.360 Pfrac: 150.00  
 2014-04-20 16:56:54.360 VCO slope: -0.0175000  
 2014-04-20 16:56:54.360 VCO intercept: 7.1100001  
 2014-04-20 16:56:54.360 km delta: 600.0000000  
 2014-04-20 16:56:54.360 Logical Port 4 Status  
 2014-04-20 16:56:54.360 Data Packets Sent: 1395933  
 2014-04-20 16:56:54.360 Flood Packets Sent: 0  
 2014-04-20 16:56:54.360 Packets Re-Sent: 1791  
 2014-04-20 16:56:54.360 Sequence Errors: 0  
 2014-04-20 16:56:54.360 Packet Buffer Used: 23420516  
 2014-04-20 16:56:54.360 Physical Port: Ethernet  
 2014-04-20 16:56:54.360 Baler Model: 14 Software Version: 2.28  
 2014-04-20 16:56:54.360 MAC Address: 00:04:FB:00:02:EA  
 2014-04-20 16:56:54.360 Disk Size: 20000669696  
 2014-04-20 16:56:54.360 Percent of 1177 data files in use: 4.5  
 2014-04-20 16:56:54.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-20 16:56:54.360 Channel Sensitivities (uV per count):  
 2014-04-20 16:56:54.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-20 16:56:54.360 Digitizer Calibration Results:  
 2014-04-20 16:56:54.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-20 16:56:54.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-20 16:56:54.360 DMU1 Software Version=10  
 2014-04-20 16:56:54.360 Supply Voltage=12.7  
 2014-04-20 16:56:54.360 Supply Current=0.40  
 2014-04-20 16:56:54.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-20 16:56:54.360 WebLink Data Maps Restored  
 2014-04-20 16:56:54.360 [2014-04-20 04:53:46.000000] sequence resumes: 1219735 to  
 1219735  
 2014-04-20 16:56:54.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-20 16:56:53  
 2014-04-20 17:02:43.960 [2014-04-20 17:01:08.000000] total packets received: 59709  
 2014-04-20 17:02:43.960 [2014-04-20 17:01:08.000000] command timeouts: 6  
 2014-04-20 17:02:43.960 [2014-04-20 17:01:08.000000] out of window: 62  
 2014-04-20 17:02:43.960 written: HHZ-1273 HH1-1464 HH2-1455 BDH-456 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-04-20 17:02:43.960 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-28 LH2-27 LDH-36  
 VMZ-2 VM1-2  
 2014-04-20 17:02:43.960 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-04-20 17:02:43.960 [2014-04-20 17:01:08.000000] Done: 4810 recs. seq end:  
 1263377. run: 345 s  
 2014-04-21 05:03:38.340  
 2014-04-21 05:03:38.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-04-21 05:03:38.340 Control Port 2491 Opened  
 2014-04-21 05:03:38.340 Baler ready on Ethernet  
 2014-04-21 05:03:38.340 Power Cycled Baler Acknowledged  
 2014-04-21 05:03:38.340 Commands Accepted by Q330  
 2014-04-21 05:03:38.340 Access timeout: 300 sec  
 2014-04-21 05:03:38.340 Control Port 4023 Opened  
 2014-04-21 05:03:38.340 Data Port 4024 Opened

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2014-04-21 05:03:38.340 Registered with Q330
2014-04-21 05:03:38.340 Combination Record Received
2014-04-21 05:03:38.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-21 05:03:38.340 Link Reset, starting window sequence: 13604
2014-04-21 05:03:38.340 GPS Receiver ID Received
2014-04-21 05:03:38.340 Manufacturer's Data Received, Property Tag=2017
2014-04-21 05:03:38.340 Digitizer Gain & Offsets Received
2014-04-21 05:03:38.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4810 recs.
seq end: 1263377
2014-04-21 05:03:38.340 Baler clock set to 2014-04-21 05:03:37
2014-04-21 05:03:38.340 Starting to Read DP Tokens
2014-04-21 05:03:38.340 DP Tokens loaded, size=1474 bytes
2014-04-21 05:03:38.340 webserver advertising 192.168.200.119:5380
2014-04-21 05:03:38.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-21 05:03:38.340 filters & delay HH1:2@100,Linear all=0.320000
2014-04-21 05:03:38.340 filters & delay HH2:3@100,Linear all=0.320000
2014-04-21 05:03:38.340 filters & delay BDH:4@20,Linear all=1.650000
2014-04-21 05:03:38.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-21 05:03:38.340 filters & delay LH1:2@1,Linear all=15.000000
2014-04-21 05:03:38.340 filters & delay LH2:3@1,Linear all=15.000000
2014-04-21 05:03:38.340 filters & delay LDH:4@1,Linear all=15.000000
2014-04-21 05:03:38.340 [2014-04-20 17:01:08.000000] continuity found: 1263377
451328468.000000 Q=100
2014-04-21 05:03:38.340 [2014-04-20 17:01:08.000000] restoring continuity
2014-04-21 05:03:38.340 Sending DT_OPEN
2014-04-21 05:03:38.340 Station: XX-2017
2014-04-21 05:03:38.340 Q330 Serial Number: 0100000DB18FC351
2014-04-21 05:03:38.340 AMB Serial Number: 0100000B6909DD82
2014-04-21 05:03:38.340 Seismo 1 Serial Number: 0000000000000000
2014-04-21 05:03:38.340 Seismo 2 Serial Number: 0000000000000000
2014-04-21 05:03:38.340 QAPCHP 1 Serial Number: 4643206
2014-04-21 05:03:38.340 QAPCHP 2 Serial Number: 3743050
2014-04-21 05:03:38.340 KMI Property Tag Number: 2017
2014-04-21 05:03:38.340 System Software Version: 1.146
2014-04-21 05:03:38.340 Slave Processor Version: 1.11
2014-04-21 05:03:38.340 Calibrator Type: QCAL330
2014-04-21 05:03:38.340 Calibrator Version: 1.8
2014-04-21 05:03:38.340 Auxiliary Board Type: None
2014-04-21 05:03:38.340 Clock Type: Motorola M12
2014-04-21 05:03:38.340 PLD Version: 7.9
2014-04-21 05:03:38.340 Total Hours: 65505.48
2014-04-21 05:03:38.340 Power On Hours: 30135.86
2014-04-21 05:03:38.340 Time of Last Boot: 2014-04-06 02:03:58
2014-04-21 05:03:38.340 Total Number of Boots: 120
2014-04-21 05:03:38.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-21 05:03:38.340 Total Number of Re-Syncs: 213
2014-04-21 05:03:38.340 Status Inputs: 00000000
2014-04-21 05:03:38.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-21 05:03:38.340 Clock Quality: 100%
2014-04-21 05:03:38.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-21 05:03:38.340 Clock Phase: 0 usec. max allowed=50000
2014-04-21 05:03:38.340 Boom positions:
2014-04-21 05:03:38.340 Ch1: -2 Ch2: -12 Ch3: -17 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-21 05:03:38.340 Analog Status
2014-04-21 05:03:38.340 Analog Positive Supply: 5.46v
2014-04-21 05:03:38.340 Input Voltage: 13.05v
2014-04-21 05:03:38.340 System Temperature: 5C
2014-04-21 05:03:38.340 Main Current: 62ma
2014-04-21 05:03:38.340 Antenna Current: 0ma
2014-04-21 05:03:38.340 GPS Status
2014-04-21 05:03:38.340 Time: 05:03:37
2014-04-21 05:03:38.340 Date:
2014-04-21 05:03:38.340 Fix Type: 1-D

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2014-04-21 05:03:38.340 Height:
2014-04-21 05:03:38.340 Latitude:
2014-04-21 05:03:38.340 Longitude:
2014-04-21 05:03:38.340 On Time: 0min
2014-04-21 05:03:38.340 Sat. Used: 0
2014-04-21 05:03:38.340 In View: 0
2014-04-21 05:03:38.340 Checksum Errors: 0
2014-04-21 05:03:38.340 Last GPS timemark: 2014-04-21 05:03:36
2014-04-21 05:03:38.340 PLL Status
2014-04-21 05:03:38.340 State: Lock
2014-04-21 05:03:38.340 Initial VCO: 2201.839600
2014-04-21 05:03:38.340 Time Error: 0.000000
2014-04-21 05:03:38.340 RMS VCO: 0.0000000
2014-04-21 05:03:38.340 Best VCO: 2201.88
2014-04-21 05:03:38.340 Seconds Since Track or Lock: 0.0
2014-04-21 05:03:38.340 Vco Control: 2202
2014-04-21 05:03:38.340 timing mode: external seascan
2014-04-21 05:03:38.340 tempco normal
2014-04-21 05:03:38.340 PLL update: 10s PLL lock criterion: 5us
2014-04-21 05:03:38.340 Pfrac: 150.00
2014-04-21 05:03:38.340 VCO slope: -0.0175000
2014-04-21 05:03:38.340 VCO intercept: 7.1100001
2014-04-21 05:03:38.340 Km delta: 600.0000000
2014-04-21 05:03:38.340 Logical Port 4 Status
2014-04-21 05:03:38.340 Data Packets Sent: 1455549
2014-04-21 05:03:38.340 Flood Packets Sent: 0
2014-04-21 05:03:38.340 Packets Re-Sent: 1873
2014-04-21 05:03:38.340 Sequence Errors: 0
2014-04-21 05:03:38.340 Packet Buffer Used: 23165060
2014-04-21 05:03:38.340 Physical Port: Ethernet
2014-04-21 05:03:38.340 Baler Model: 14 Software Version: 2.28
2014-04-21 05:03:38.340 MAC Address: 00:04:FB:00:02:EA
2014-04-21 05:03:38.340 Disk Size: 20000669696
2014-04-21 05:03:38.340 Percent of 1177 data files in use: 4.5
2014-04-21 05:03:38.340 Channels Enabled: 1234 Preamps ON channels:
2014-04-21 05:03:38.340 Channel Sensitivities (uV per count):
2014-04-21 05:03:38.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-21 05:03:38.340 Digitizer Calibration Results:
2014-04-21 05:03:38.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-21 05:03:38.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-21 05:03:38.340 DMU1 Software Version=10
2014-04-21 05:03:38.340 Supply Voltage=12.6
2014-04-21 05:03:38.340 Supply Current=0.41
2014-04-21 05:03:38.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-21 05:03:38.340 WebLink Data Maps Restored
2014-04-21 05:03:38.340 [2014-04-20 17:01:08.000000] sequence resumes: 1263377 to
1263377
2014-04-21 05:03:38.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-21 05:03:37
2014-04-21 05:06:56.620 [2014-04-21 00:00:00.000000] Saving Configuration to Backup
Memory
2014-04-21 05:09:25.140 Reducing Status Polling Interval
2014-04-21 05:09:25.140 [2014-04-21 05:09:23.999998] total packets received: 55617
2014-04-21 05:09:25.140 [2014-04-21 05:09:23.999998] command timeouts: 6
2014-04-21 05:09:25.140 [2014-04-21 05:09:23.999998] out of window: 65
2014-04-21 05:09:25.140 written: HHZ-1241 HH1-1468 HH2-1437 BDH-458 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-04-21 05:09:25.140 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-31 LH2-31 LDH-40
VMZ-2 VM1-2
2014-04-21 05:09:25.140 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-21 05:09:25.140 [2014-04-21 05:09:23.999998] Done: 4779 recs. seq end:
1307073. run: 341 s
2014-04-21 17:10:16.330

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2014-04-21 17:10:16.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-21 17:10:16.330 Control Port 2491 Opened
2014-04-21 17:10:16.330 Baler ready on Ethernet
2014-04-21 17:10:16.330 Power Cycled Baler Acknowledged
2014-04-21 17:10:16.330 Commands Accepted by Q330
2014-04-21 17:10:16.330 Access timeout: 300 sec
2014-04-21 17:10:16.330 Control Port 4023 Opened
2014-04-21 17:10:16.330 Data Port 4024 Opened
2014-04-21 17:10:16.330 Registered with Q330
2014-04-21 17:10:16.330 Combination Record Received
2014-04-21 17:10:16.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-21 17:10:16.330 Link Reset, starting window sequence: 3584
2014-04-21 17:10:16.330 GPS Receiver ID Received
2014-04-21 17:10:16.330 Manufacturer's Data Received, Property Tag=2017
2014-04-21 17:10:16.330 Digitizer Gain & Offsets Received
2014-04-21 17:10:16.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4779 recs.
seq end: 1307073
2014-04-21 17:10:16.330 Baler clock set to 2014-04-21 17:10:15
2014-04-21 17:10:16.330 Starting to Read DP Tokens
2014-04-21 17:10:16.330 DP Tokens loaded, size=1474 bytes
2014-04-21 17:10:16.330 Webserver advertising 192.168.200.119:5380
2014-04-21 17:10:16.330 filters & delay HH1:2@100,Linear all=0.320000
2014-04-21 17:10:16.330 filters & delay HH2:3@100,Linear all=0.320000
2014-04-21 17:10:16.330 filters & delay BDH:4@20,Linear all=1.650000
2014-04-21 17:10:16.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-21 17:10:16.330 filters & delay LH1:2@1,Linear all=15.000000
2014-04-21 17:10:16.330 filters & delay LH2:3@1,Linear all=15.000000
2014-04-21 17:10:16.330 filters & delay LDH:4@1,Linear all=15.000000
2014-04-21 17:10:16.330 [2014-04-21 05:09:23.999998] continuity found: 1307073
451372164.000000 Q=100
2014-04-21 17:10:16.330 [2014-04-21 05:09:23.999998] restoring continuity
2014-04-21 17:10:16.330 Sending DT_OPEN
2014-04-21 17:10:16.330 Station: XX-2017
2014-04-21 17:10:16.330 Q330 Serial Number: 0100000DB18FC351
2014-04-21 17:10:16.330 AMB Serial Number: 0100000B6909DD82
2014-04-21 17:10:16.330 Seismo 1 Serial Number: 0000000000000000
2014-04-21 17:10:16.330 Seismo 2 Serial Number: 0000000000000000
2014-04-21 17:10:16.330 QAPCHP 1 Serial Number: 4643206
2014-04-21 17:10:16.330 QAPCHP 2 Serial Number: 3743050
2014-04-21 17:10:16.330 KMI Property Tag Number: 2017
2014-04-21 17:10:16.330 System Software Version: 1.146
2014-04-21 17:10:16.330 Slave Processor Version: 1.11
2014-04-21 17:10:16.330 Calibrator Type: QCAL330
2014-04-21 17:10:16.330 Calibrator Version: 1.8
2014-04-21 17:10:16.330 Auxiliary Board Type: None
2014-04-21 17:10:16.330 Clock Type: Motorola M12
2014-04-21 17:10:16.330 PLD Version: 7.9
2014-04-21 17:10:16.330 Total Hours: 65517.59
2014-04-21 17:10:16.330 Power On Hours: 30147.97
2014-04-21 17:10:16.330 Time of Last Boot: 2014-04-06 02:03:58
2014-04-21 17:10:16.330 Total Number of Boots: 120
2014-04-21 17:10:16.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-21 17:10:16.330 Total Number of Re-Syncs: 213
2014-04-21 17:10:16.330 Status Inputs: 00000000
2014-04-21 17:10:16.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-21 17:10:16.330 Clock Quality: 100%
2014-04-21 17:10:16.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-21 17:10:16.330 Clock Phase: 0 usec. max allowed=50000
2014-04-21 17:10:16.330 Boom positions:
2014-04-21 17:10:16.330 Ch1: -2 Ch2: -14 Ch3: -16 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-21 17:10:16.330 Analog Status
2014-04-21 17:10:16.330 Analog Positive Supply: 5.46V
2014-04-21 17:10:16.330 Input voltage: 13.20V

```

S01\_messages.txt

2014-04-21 17:10:16.330 System Temperature: 5C  
 2014-04-21 17:10:16.330 Main Current: 62ma  
 2014-04-21 17:10:16.330 Antenna Current: 0ma  
 2014-04-21 17:10:16.330 GPS Status  
 2014-04-21 17:10:16.330 Time: 17:10:15  
 2014-04-21 17:10:16.330 Date:  
 2014-04-21 17:10:16.330 Fix Type: 1-D  
 2014-04-21 17:10:16.330 Height:  
 2014-04-21 17:10:16.330 Latitude:  
 2014-04-21 17:10:16.330 Longitude:  
 2014-04-21 17:10:16.330 On Time: 0min  
 2014-04-21 17:10:16.330 Sat. Used: 0  
 2014-04-21 17:10:16.330 In View: 0  
 2014-04-21 17:10:16.330 Checksum Errors: 0  
 2014-04-21 17:10:16.330 Last GPS timemark: 2014-04-21 17:10:14  
 2014-04-21 17:10:16.330 PLL Status  
 2014-04-21 17:10:16.330 State: Lock  
 2014-04-21 17:10:16.330 Initial VCO: 2201.752197  
 2014-04-21 17:10:16.330 Time Error: 0.000000  
 2014-04-21 17:10:16.330 RMS VCO: 0.000000  
 2014-04-21 17:10:16.330 Best VCO: 2201.83  
 2014-04-21 17:10:16.330 Seconds Since Track or Lock: 0.0  
 2014-04-21 17:10:16.330 Vco Control: 2202  
 2014-04-21 17:10:16.330 timing mode: external seascan  
 2014-04-21 17:10:16.330 tempco normal  
 2014-04-21 17:10:16.330 PLL update: 10s PLL lock criterion: 5us  
 2014-04-21 17:10:16.330 Pfrac: 150.00  
 2014-04-21 17:10:16.330 VCO slope: -0.0175000  
 2014-04-21 17:10:16.330 VCO intercept: 7.1100001  
 2014-04-21 17:10:16.330 km delta: 600.0000000  
 2014-04-21 17:10:16.330 Logical Port 4 Status  
 2014-04-21 17:10:16.330 Data Packets Sent: 1511070  
 2014-04-21 17:10:16.330 Flood Packets Sent: 0  
 2014-04-21 17:10:16.330 Packets Re-Sent: 1953  
 2014-04-21 17:10:16.330 Sequence Errors: 0  
 2014-04-21 17:10:16.330 Packet Buffer Used: 23879552  
 2014-04-21 17:10:16.330 Physical Port: Ethernet  
 2014-04-21 17:10:16.330 Baler Model: 14 Software Version: 2.28  
 2014-04-21 17:10:16.330 MAC Address: 00:04:FB:00:02:EA  
 2014-04-21 17:10:16.330 Disk Size: 20000669696  
 2014-04-21 17:10:16.330 Percent of 1177 data files in use: 4.8  
 2014-04-21 17:10:16.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-21 17:10:16.330 Channel Sensitivities (uV per count):  
 2014-04-21 17:10:16.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-21 17:10:16.330 Digitizer Calibration Results:  
 2014-04-21 17:10:16.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-21 17:10:16.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-21 17:10:16.330 DMU1 Software Version=10  
 2014-04-21 17:10:16.330 Supply Voltage=12.7  
 2014-04-21 17:10:16.330 Supply Current=0.41  
 2014-04-21 17:10:16.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-21 17:10:16.330 webLink Data Maps Restored  
 2014-04-21 17:10:16.330 [2014-04-21 05:09:23.999998] sequence resumes: 1307073 to  
 1307073  
 2014-04-21 17:10:16.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-21 17:10:15  
 2014-04-21 17:15:21.830 Reducing Status Polling Interval  
 2014-04-21 17:15:21.830 [2014-04-21 17:08:15.000000] total packets received: 65645  
 2014-04-21 17:15:21.830 [2014-04-21 17:08:15.000000] command timeouts: 6  
 2014-04-21 17:15:21.830 [2014-04-21 17:08:15.000000] out of window: 54  
 2014-04-21 17:15:21.830 written: HHZ-1296 HH1-1481 HH2-1486 BDH-453 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-04-21 17:15:21.830 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-33 LH2-33 LDH-41

S01\_messages.txt

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VMZ-1 VM1-1
2014-04-21 17:15:21.830 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-21 17:15:21.830 [2014-04-21 17:08:15.000000] Done: 4884 recs. seq end:
1350204. run: 350 s
2014-04-22 05:17:04.320
2014-04-22 05:17:04.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-22 05:17:04.320 Control Port 2491 Opened
2014-04-22 05:17:04.320 Baler ready on Ethernet
2014-04-22 05:17:04.320 Power Cycled Baler Acknowledged
2014-04-22 05:17:04.320 Commands Accepted by Q330
2014-04-22 05:17:04.320 Access timeout: 300 sec
2014-04-22 05:17:04.320 Control Port 4023 Opened
2014-04-22 05:17:04.320 Data Port 4024 Opened
2014-04-22 05:17:04.320 Registered with Q330
2014-04-22 05:17:04.320 Combination Record Received
2014-04-22 05:17:04.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-22 05:17:04.320 Link Reset, starting window sequence: 3593
2014-04-22 05:17:04.320 GPS Receiver ID Received
2014-04-22 05:17:04.320 Manufacturer's Data Received, Property Tag=2017
2014-04-22 05:17:04.320 Digitizer Gain & Offsets Received
2014-04-22 05:17:04.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4884 recs.
seq end: 1350204
2014-04-22 05:17:04.320 Baler clock set to 2014-04-22 05:17:03
2014-04-22 05:17:04.320 Starting to Read DP Tokens
2014-04-22 05:17:04.320 DP Tokens loaded, size=1474 bytes
2014-04-22 05:17:04.320 webserver advertising 192.168.200.119:5380
2014-04-22 05:17:04.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-22 05:17:04.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-22 05:17:04.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-22 05:17:04.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-22 05:17:04.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-22 05:17:04.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-22 05:17:04.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-22 05:17:04.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-22 05:17:04.320 [2014-04-21 17:08:15.000000] continuity found: 1350204
451415295.000000 Q=100
2014-04-22 05:17:04.320 [2014-04-21 17:08:15.000000] restoring continuity
2014-04-22 05:17:04.320 Sending DT_OPEN
2014-04-22 05:17:04.320 Station: XX-2017
2014-04-22 05:17:04.320 Q330 Serial Number: 0100000DB18FC351
2014-04-22 05:17:04.320 AMB Serial Number: 0100000B6909DD82
2014-04-22 05:17:04.320 Seismo 1 Serial Number: 0000000000000000
2014-04-22 05:17:04.320 Seismo 2 Serial Number: 0000000000000000
2014-04-22 05:17:04.320 QAPCHP 1 Serial Number: 4643206
2014-04-22 05:17:04.320 QAPCHP 2 Serial Number: 3743050
2014-04-22 05:17:04.320 KMI Property Tag Number: 2017
2014-04-22 05:17:04.320 System Software Version: 1.146
2014-04-22 05:17:04.320 Slave Processor Version: 1.11
2014-04-22 05:17:04.320 Calibrator Type: QCAL330
2014-04-22 05:17:04.320 Calibrator Version: 1.8
2014-04-22 05:17:04.320 Auxiliary Board Type: None
2014-04-22 05:17:04.320 Clock Type: Motorola M12
2014-04-22 05:17:04.320 PLD Version: 7.9
2014-04-22 05:17:04.320 Total Hours: 65529.70
2014-04-22 05:17:04.320 Power On Hours: 30160.09
2014-04-22 05:17:04.320 Time of Last Boot: 2014-04-06 02:03:58
2014-04-22 05:17:04.320 Total Number of Boots: 120
2014-04-22 05:17:04.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-22 05:17:04.320 Total Number of Re-Syncs: 213
2014-04-22 05:17:04.320 Status Inputs: 00000000
2014-04-22 05:17:04.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-22 05:17:04.320 Clock quality: 100%
2014-04-22 05:17:04.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

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S01\_messages.txt

2014-04-22 05:17:04.320 Clock Phase: 0 usec. max allowed=50000  
 2014-04-22 05:17:04.320 Boom positions:  
 2014-04-22 05:17:04.320 Ch1: -2 Ch2: -15 Ch3: -17 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-22 05:17:04.320 Analog Status  
 2014-04-22 05:17:04.320 Analog Positive Supply: 5.46V  
 2014-04-22 05:17:04.320 Input Voltage: 13.35V  
 2014-04-22 05:17:04.320 System Temperature: 5C  
 2014-04-22 05:17:04.320 Main Current: 62ma  
 2014-04-22 05:17:04.320 Antenna Current: 0ma  
 2014-04-22 05:17:04.320 GPS Status  
 2014-04-22 05:17:04.320 Time: 05:17:03  
 2014-04-22 05:17:04.320 Date:  
 2014-04-22 05:17:04.320 Fix Type: 1-D  
 2014-04-22 05:17:04.320 Height:  
 2014-04-22 05:17:04.320 Latitude:  
 2014-04-22 05:17:04.320 Longitude:  
 2014-04-22 05:17:04.320 On Time: 0min  
 2014-04-22 05:17:04.320 Sat. Used: 0  
 2014-04-22 05:17:04.320 In View: 0  
 2014-04-22 05:17:04.320 Checksum Errors: 0  
 2014-04-22 05:17:04.320 Last GPS timemark: 2014-04-22 05:17:02  
 2014-04-22 05:17:04.320 PLL Status  
 2014-04-22 05:17:04.320 State: Lock  
 2014-04-22 05:17:04.320 Initial VCO: 2201.881592  
 2014-04-22 05:17:04.320 Time Error: 0.000000  
 2014-04-22 05:17:04.320 RMS VCO: 0.000000  
 2014-04-22 05:17:04.320 Best VCO: 2201.92  
 2014-04-22 05:17:04.320 Seconds Since Track or Lock: 0.0  
 2014-04-22 05:17:04.320 Vco Control: 2202  
 2014-04-22 05:17:04.320 timing mode: external seascan  
 2014-04-22 05:17:04.320 tempco normal  
 2014-04-22 05:17:04.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-22 05:17:04.320 Pfrac: 150.00  
 2014-04-22 05:17:04.320 VCO slope: -0.0175000  
 2014-04-22 05:17:04.320 VCO intercept: 7.1100001  
 2014-04-22 05:17:04.320 km delta: 600.000000  
 2014-04-22 05:17:04.320 Logical Port 4 Status  
 2014-04-22 05:17:04.320 Data Packets Sent: 1576622  
 2014-04-22 05:17:04.320 Flood Packets Sent: 0  
 2014-04-22 05:17:04.320 Packets Re-Sent: 2027  
 2014-04-22 05:17:04.320 Sequence Errors: 0  
 2014-04-22 05:17:04.320 Packet Buffer Used: 23543340  
 2014-04-22 05:17:04.320 Physical Port: Ethernet  
 2014-04-22 05:17:04.320 Baler Model: 14 Software Version: 2.28  
 2014-04-22 05:17:04.320 MAC Address: 00:04:FB:00:02:EA  
 2014-04-22 05:17:04.320 Disk Size: 20000669696  
 2014-04-22 05:17:04.320 Percent of 1177 data files in use: 4.8  
 2014-04-22 05:17:04.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-22 05:17:04.320 Channel Sensitivities (uV per count):  
 2014-04-22 05:17:04.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-22 05:17:04.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-22 05:17:04.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-22 05:17:04.320 DMU1 Software Version=10  
 2014-04-22 05:17:04.320 Supply Voltage=12.7  
 2014-04-22 05:17:04.320 Supply Current=0.41  
 2014-04-22 05:17:04.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-22 05:17:04.320 webLink Data Maps Restored  
 2014-04-22 05:17:04.320 [2014-04-21 17:08:15.000000] sequence resumes overlapping:  
 1350204 to 1350203  
 2014-04-22 05:17:04.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-04-22 05:17:03  
 2014-04-22 05:20:24.030 [2014-04-22 00:00:00.000000] saving Configuration to Backup  
 Memory

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S01_messages.txt
2014-04-22 05:22:53.700 [2014-04-22 05:16:44.000000] total packets received: 59945
2014-04-22 05:22:53.700 [2014-04-22 05:16:44.000000] command timeouts: 6
2014-04-22 05:22:53.700 [2014-04-22 05:16:44.000000] out of window: 59
2014-04-22 05:22:53.700 written: HHZ-1258 HH1-1443 HH2-1486 BDH-457 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-22 05:22:53.700 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-29 LH2-30 LDH-39
VMZ-2 VM1-2
2014-04-22 05:22:53.700 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-3
2014-04-22 05:22:53.700 [2014-04-22 05:16:44.000000] Done: 4817 recs. seq end:
1393913. run: 345 s
2014-04-22 17:23:47.360
2014-04-22 17:23:47.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-22 17:23:47.360 Control Port 2491 Opened
2014-04-22 17:23:47.360 Baler ready on Ethernet
2014-04-22 17:23:47.360 Power Cycled Baler Acknowledged
2014-04-22 17:23:47.360 Commands Accepted by Q330
2014-04-22 17:23:47.360 Access timeout: 300 sec
2014-04-22 17:23:47.360 Control Port 4023 Opened
2014-04-22 17:23:47.360 Data Port 4024 Opened
2014-04-22 17:23:47.360 Registered with Q330
2014-04-22 17:23:47.360 Combination Record Received
2014-04-22 17:23:47.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-22 17:23:47.360 Link Reset, starting window sequence: 63443
2014-04-22 17:23:47.360 GPS Receiver ID Received
2014-04-22 17:23:47.360 Manufacturer's Data Received, Property Tag=2017
2014-04-22 17:23:47.360 Digitizer Gain & Offsets Received
2014-04-22 17:23:47.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4817 recs.
seq end: 1393913
2014-04-22 17:23:47.360 Baler clock set to 2014-04-22 17:23:46
2014-04-22 17:23:47.360 Starting to Read DP Tokens
2014-04-22 17:23:47.360 DP Tokens loaded, size=1474 bytes
2014-04-22 17:23:47.360 webserver advertising 192.168.200.119:5380
2014-04-22 17:23:47.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-22 17:23:47.360 filters & delay HH1:2@100,Linear all=0.320000
2014-04-22 17:23:47.360 filters & delay HH2:3@100,Linear all=0.320000
2014-04-22 17:23:47.360 filters & delay BDH:4@20,Linear all=1.650000
2014-04-22 17:23:47.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-22 17:23:47.360 filters & delay LH1:2@1,Linear all=15.000000
2014-04-22 17:23:47.360 filters & delay LH2:3@1,Linear all=15.000000
2014-04-22 17:23:47.360 filters & delay LDH:4@1,Linear all=15.000000
2014-04-22 17:23:47.360 [2014-04-22 05:16:44.000000] continuity found: 1393913
451459004.000000 Q=100
2014-04-22 17:23:47.360 [2014-04-22 05:16:44.000000] restoring continuity
2014-04-22 17:23:47.360 Sending DT_OPEN
2014-04-22 17:23:47.360 Station: XX-2017
2014-04-22 17:23:47.360 Q330 Serial Number: 0100000DB18FC351
2014-04-22 17:23:47.360 AMB Serial Number: 0100000B6909DD82
2014-04-22 17:23:47.360 Seismo 1 Serial Number: 0000000000000000
2014-04-22 17:23:47.360 Seismo 2 Serial Number: 0000000000000000
2014-04-22 17:23:47.360 QAPCHP 1 Serial Number: 4643206
2014-04-22 17:23:47.360 QAPCHP 2 Serial Number: 3743050
2014-04-22 17:23:47.360 KMI Property Tag Number: 2017
2014-04-22 17:23:47.360 System Software Version: 1.146
2014-04-22 17:23:47.360 Slave Processor Version: 1.11
2014-04-22 17:23:47.360 Calibrator Type: QCAL330
2014-04-22 17:23:47.360 Calibrator Version: 1.8
2014-04-22 17:23:47.360 Auxiliary Board Type: None
2014-04-22 17:23:47.360 Clock Type: Motorola M12
2014-04-22 17:23:47.360 PLD Version: 7.9
2014-04-22 17:23:47.360 Total Hours: 65541.81
2014-04-22 17:23:47.360 Power On Hours: 30172.20
2014-04-22 17:23:47.360 Time of Last Boot: 2014-04-06 02:03:58
2014-04-22 17:23:47.360 Total Number of Boots: 120

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S01\_messages.txt

2014-04-22 17:23:47.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-22 17:23:47.360 Total Number of Re-Syncs: 213  
 2014-04-22 17:23:47.360 Status Inputs: 00000000  
 2014-04-22 17:23:47.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-04-22 17:23:47.360 Clock Quality: 100%  
 2014-04-22 17:23:47.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-22 17:23:47.360 Clock Phase: 0 usec. max allowed=50000  
 2014-04-22 17:23:47.360 Boom positions:  
 2014-04-22 17:23:47.360 Ch1: -2 Ch2: -17 Ch3: -17 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-22 17:23:47.360 Analog Status  
 2014-04-22 17:23:47.360 Analog Positive Supply: 5.46V  
 2014-04-22 17:23:47.360 Input Voltage: 13.20V  
 2014-04-22 17:23:47.360 System Temperature: 5C  
 2014-04-22 17:23:47.360 Main Current: 61ma  
 2014-04-22 17:23:47.360 Antenna Current: 0ma  
 2014-04-22 17:23:47.360 GPS Status  
 2014-04-22 17:23:47.360 Time: 17:23:46  
 2014-04-22 17:23:47.360 Date:  
 2014-04-22 17:23:47.360 Fix Type: 1-D  
 2014-04-22 17:23:47.360 Height:  
 2014-04-22 17:23:47.360 Latitude:  
 2014-04-22 17:23:47.360 Longitude:  
 2014-04-22 17:23:47.360 On Time: 0min  
 2014-04-22 17:23:47.360 Sat. Used: 0  
 2014-04-22 17:23:47.360 In View: 0  
 2014-04-22 17:23:47.360 Checksum Errors: 0  
 2014-04-22 17:23:47.360 Last GPS timemark: 2014-04-22 17:23:45  
 2014-04-22 17:23:47.360 PLL Status  
 2014-04-22 17:23:47.360 State: Lock  
 2014-04-22 17:23:47.360 Initial VCO: 2201.336426  
 2014-04-22 17:23:47.360 Time Error: 0.000000  
 2014-04-22 17:23:47.360 RMS VCO: 0.000000  
 2014-04-22 17:23:47.360 Best VCO: 2201.17  
 2014-04-22 17:23:47.360 Seconds Since Track or Lock: 0.0  
 2014-04-22 17:23:47.360 Vco Control: 2201  
 2014-04-22 17:23:47.360 timing mode: external seascan  
 2014-04-22 17:23:47.360 tempco normal  
 2014-04-22 17:23:47.360 PLL update: 10s PLL lock criterion: 5us  
 2014-04-22 17:23:47.360 Pfrac: 150.00  
 2014-04-22 17:23:47.360 VCO slope: -0.0175000  
 2014-04-22 17:23:47.360 VCO intercept: 7.1100001  
 2014-04-22 17:23:47.360 Km delta: 600.000000  
 2014-04-22 17:23:47.360 Logical Port 4 Status  
 2014-04-22 17:23:47.360 Data Packets Sent: 1636477  
 2014-04-22 17:23:47.360 Flood Packets Sent: 0  
 2014-04-22 17:23:47.360 Packets Re-Sent: 2107  
 2014-04-22 17:23:47.360 Sequence Errors: 0  
 2014-04-22 17:23:47.360 Packet Buffer Used: 22718384  
 2014-04-22 17:23:47.360 Physical Port: Ethernet  
 2014-04-22 17:23:47.360 Baler Model: 14 Software Version: 2.28  
 2014-04-22 17:23:47.360 MAC Address: 00:04:FB:00:02:EA  
 2014-04-22 17:23:47.360 Disk Size: 20000669696  
 2014-04-22 17:23:47.360 Percent of 1177 data files in use: 4.8  
 2014-04-22 17:23:47.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-22 17:23:47.360 Channel Sensitivities (uV per count):  
 2014-04-22 17:23:47.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-22 17:23:47.360 Digitizer Calibration Results:  
 2014-04-22 17:23:47.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-22 17:23:47.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-22 17:23:47.360 DMU1 Software Version=10  
 2014-04-22 17:23:47.360 Supply Voltage=12.7  
 2014-04-22 17:23:47.360 Supply Current=0.41  
 2014-04-22 17:23:47.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A

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2014-04-22 17:23:47.360 WebLink Data Maps Restored
2014-04-22 17:23:47.360 [2014-04-22 05:16:44.000000] sequence resumes: 1393913 to
1393913
2014-04-22 17:23:47.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-22 17:23:46
2014-04-22 17:29:26.360 Reducing Status Polling Interval
2014-04-22 17:29:26.360 [2014-04-22 17:29:25.999998] total packets received: 49972
2014-04-22 17:29:26.360 [2014-04-22 17:29:25.999998] command timeouts: 6
2014-04-22 17:29:26.360 [2014-04-22 17:29:25.999998] out of window: 67
2014-04-22 17:29:26.360 written: HHZ-1215 HH1-1429 HH2-1397 BDH-449 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-22 17:29:26.360 written: VFP-2 LCQ-8 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-30
VMZ-2 VM1-2
2014-04-22 17:29:26.360 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-22 17:29:26.360 [2014-04-22 17:29:25.999998] Done: 4637 recs. seq end:
1437875. run: 333 s
2014-04-23 05:30:18.320
2014-04-23 05:30:18.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-23 05:30:18.320 Control Port 2491 Opened
2014-04-23 05:30:18.320 Baler ready on Ethernet
2014-04-23 05:30:18.320 Power Cycled Baler Acknowledged
2014-04-23 05:30:18.320 Commands Accepted by Q330
2014-04-23 05:30:18.320 Access timeout: 300 sec
2014-04-23 05:30:18.320 Control Port 4023 Opened
2014-04-23 05:30:18.320 Data Port 4024 Opened
2014-04-23 05:30:18.320 Registered with Q330
2014-04-23 05:30:18.320 Combination Record Received
2014-04-23 05:30:18.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-23 05:30:18.320 Link Reset, starting window sequence: 47776
2014-04-23 05:30:18.320 GPS Receiver ID Received
2014-04-23 05:30:18.320 Manufacturer's Data Received, Property Tag=2017
2014-04-23 05:30:18.320 Digitizer Gain & Offsets Received
2014-04-23 05:30:18.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4637 recs.
seq end: 1437875
2014-04-23 05:30:18.320 Baler clock set to 2014-04-23 05:30:17
2014-04-23 05:30:18.320 Starting to Read DP Tokens
2014-04-23 05:30:18.320 DP Tokens loaded, size=1474 bytes
2014-04-23 05:30:18.320 Webserver advertising 192.168.200.119:5380
2014-04-23 05:30:18.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-23 05:30:18.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-23 05:30:18.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-23 05:30:18.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-23 05:30:18.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-23 05:30:18.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-23 05:30:18.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-23 05:30:18.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-23 05:30:18.320 [2014-04-22 17:29:25.999998] continuity found: 1437875
451502966.000000 Q=100
2014-04-23 05:30:18.320 [2014-04-22 17:29:25.999998] restoring continuity
2014-04-23 05:30:18.320 Sending DT_OPEN
2014-04-23 05:30:18.320 Station: XX-2017
2014-04-23 05:30:18.320 Q330 Serial Number: 0100000DB18FC351
2014-04-23 05:30:18.320 AMB Serial Number: 0100000B6909DD82
2014-04-23 05:30:18.320 Seismo 1 Serial Number: 0000000000000000
2014-04-23 05:30:18.320 Seismo 2 Serial Number: 0000000000000000
2014-04-23 05:30:18.320 QAPCHP 1 Serial Number: 4643206
2014-04-23 05:30:18.320 QAPCHP 2 Serial Number: 3743050
2014-04-23 05:30:18.320 KMI Property Tag Number: 2017
2014-04-23 05:30:18.320 System Software Version: 1.146
2014-04-23 05:30:18.320 Slave Processor Version: 1.11
2014-04-23 05:30:18.320 Calibrator Type: QCAL330
2014-04-23 05:30:18.320 Calibrator Version: 1.8
2014-04-23 05:30:18.320 Auxiliary Board Type: None

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2014-04-23 05:30:18.320 Clock Type: Motorola M12  
 2014-04-23 05:30:18.320 PLD Version: 7.9  
 2014-04-23 05:30:18.320 Total Hours: 65553.92  
 2014-04-23 05:30:18.320 Power On Hours: 30184.31  
 2014-04-23 05:30:18.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-23 05:30:18.320 Total Number of Boots: 120  
 2014-04-23 05:30:18.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-23 05:30:18.320 Total Number of Re-Syncs: 213  
 2014-04-23 05:30:18.320 Status Inputs: 00000000  
 2014-04-23 05:30:18.320 Clock Quality: 100%  
 2014-04-23 05:30:18.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-23 05:30:18.320 Clock Phase: 0 usec. max allowed=50000  
 2014-04-23 05:30:18.320 Boom positions:  
 2014-04-23 05:30:18.320 ch1: -2 ch2: -19 ch3: -18 ch4: 20 ch5: 20 ch6: 20  
 2014-04-23 05:30:18.320 Analog Status  
 2014-04-23 05:30:18.320 Analog Positive Supply: 5.46V  
 2014-04-23 05:30:18.320 Input Voltage: 13.05V  
 2014-04-23 05:30:18.320 System Temperature: 5C  
 2014-04-23 05:30:18.320 Main Current: 62ma  
 2014-04-23 05:30:18.320 Antenna Current: 0ma  
 2014-04-23 05:30:18.320 GPS Status  
 2014-04-23 05:30:18.320 Time: 05:30:17  
 2014-04-23 05:30:18.320 Date:  
 2014-04-23 05:30:18.320 Fix Type: 1-D  
 2014-04-23 05:30:18.320 Height:  
 2014-04-23 05:30:18.320 Latitude:  
 2014-04-23 05:30:18.320 Longitude:  
 2014-04-23 05:30:18.320 On Time: 0min  
 2014-04-23 05:30:18.320 Sat. Used: 0  
 2014-04-23 05:30:18.320 In View: 0  
 2014-04-23 05:30:18.320 Checksum Errors: 0  
 2014-04-23 05:30:18.320 Last GPS timemark: 2014-04-23 05:30:16  
 2014-04-23 05:30:18.320 PLL Status  
 2014-04-23 05:30:18.320 State: Lock  
 2014-04-23 05:30:18.320 Initial VCO: 2201.310791  
 2014-04-23 05:30:18.320 Time Error: 0.000000  
 2014-04-23 05:30:18.320 RMS VCO: 0.000000  
 2014-04-23 05:30:18.320 Best VCO: 2201.24  
 2014-04-23 05:30:18.320 Seconds Since Track or Lock: 0.0  
 2014-04-23 05:30:18.320 Vco Control: 2201  
 2014-04-23 05:30:18.320 timing mode: external seascan  
 2014-04-23 05:30:18.320 tempco normal  
 2014-04-23 05:30:18.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-23 05:30:18.320 Pfrac: 150.00  
 2014-04-23 05:30:18.320 VCO slope: -0.0175000  
 2014-04-23 05:30:18.320 VCO intercept: 7.1100001  
 2014-04-23 05:30:18.320 Km delta: 600.000000  
 2014-04-23 05:30:18.320 Logical Port 4 Status  
 2014-04-23 05:30:18.320 Data Packets Sent: 1686351  
 2014-04-23 05:30:18.320 Flood Packets Sent: 0  
 2014-04-23 05:30:18.320 Packets Re-Sent: 2187  
 2014-04-23 05:30:18.320 Sequence Errors: 0  
 2014-04-23 05:30:18.320 Packet Buffer Used: 22142788  
 2014-04-23 05:30:18.320 Physical Port: Ethernet  
 2014-04-23 05:30:18.320 Baler Model: 14 Software Version: 2.28  
 2014-04-23 05:30:18.320 MAC Address: 00:04:FB:00:02:EA  
 2014-04-23 05:30:18.320 Disk Size: 20000669696  
 2014-04-23 05:30:18.320 Percent of 1177 data files in use: 5.0  
 2014-04-23 05:30:18.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-23 05:30:18.320 Channel Sensitivities (uV per count):  
 2014-04-23 05:30:18.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-23 05:30:18.320 Digitizer Calibration Results:  
 2014-04-23 05:30:18.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%



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2014-04-23 05:30:18.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-23 05:30:18.320 DMU1 Software Version=10
2014-04-23 05:30:18.320 Supply Voltage=12.6
2014-04-23 05:30:18.320 Supply Current=0.41
2014-04-23 05:30:18.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-23 05:30:18.320 WebLink Data Maps Restored
2014-04-23 05:30:18.320 [2014-04-22 17:29:25.999998] sequence resumes: 1437875 to
1437875
2014-04-23 05:30:18.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-23 05:30:17
2014-04-23 05:33:11.280 [2014-04-23 00:00:00.000000] Saving Configuration to Backup
Memory
2014-04-23 05:35:46.060 Reducing Status Polling Interval
2014-04-23 05:35:46.060 [2014-04-23 05:35:44.999998] total packets received: 46732
2014-04-23 05:35:46.060 [2014-04-23 05:35:44.999998] command timeouts: 6
2014-04-23 05:35:46.060 [2014-04-23 05:35:44.999998] out of window: 53
2014-04-23 05:35:46.060 written: HHZ-1167 HH1-1364 HH2-1388 BDH-442 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-04-23 05:35:46.060 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-28
VMZ-1 VM1-1
2014-04-23 05:35:46.060 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-23 05:35:46.060 [2014-04-23 05:35:44.999998] Done: 4501 recs. seq end:
1481454. run: 322 s
2014-04-23 17:36:37.360
2014-04-23 17:36:37.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-23 17:36:37.360 Control Port 2491 Opened
2014-04-23 17:36:37.360 Baler ready on Ethernet
2014-04-23 17:36:37.360 Power Cycled Baler Acknowledged
2014-04-23 17:36:37.360 Commands Accepted by Q330
2014-04-23 17:36:37.360 Access timeout: 300 sec
2014-04-23 17:36:37.360 Control Port 4023 Opened
2014-04-23 17:36:37.360 Data Port 4024 Opened
2014-04-23 17:36:37.360 Registered with Q330
2014-04-23 17:36:37.360 Combination Record Received
2014-04-23 17:36:37.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-23 17:36:37.360 Link Reset, starting window sequence: 28883
2014-04-23 17:36:37.360 GPS Receiver ID Received
2014-04-23 17:36:37.360 Manufacturer's Data Received, Property Tag=2017
2014-04-23 17:36:37.360 Digitizer Gain & Offsets Received
2014-04-23 17:36:37.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4501 recs.
seq end: 1481454
2014-04-23 17:36:37.360 Baler clock set to 2014-04-23 17:36:36
2014-04-23 17:36:37.360 Starting to Read DP Tokens
2014-04-23 17:36:37.360 DP Tokens loaded, size=1474 bytes
2014-04-23 17:36:37.360 Webserver advertising 192.168.200.119:5380
2014-04-23 17:36:37.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-23 17:36:37.360 filters & delay HH1:2@100,Linear all=0.320000
2014-04-23 17:36:37.360 filters & delay HH2:3@100,Linear all=0.320000
2014-04-23 17:36:37.360 filters & delay BDH:4@20,Linear all=1.650000
2014-04-23 17:36:37.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-23 17:36:37.360 filters & delay LH1:2@1,Linear all=15.000000
2014-04-23 17:36:37.360 filters & delay LH2:3@1,Linear all=15.000000
2014-04-23 17:36:37.360 filters & delay LDH:4@1,Linear all=15.000000
2014-04-23 17:36:37.360 [2014-04-23 05:35:44.999998] continuity found: 1481454
451546545.000000 Q=100
2014-04-23 17:36:37.360 [2014-04-23 05:35:44.999998] restoring continuity
2014-04-23 17:36:37.360 Sending DT_OPEN
2014-04-23 17:36:37.360 Station: XX-2017
2014-04-23 17:36:37.360 Q330 Serial Number: 0100000DB18FC351
2014-04-23 17:36:37.360 AMB Serial Number: 0100000B6909DD82
2014-04-23 17:36:37.360 Seismo 1 Serial Number: 0000000000000000
2014-04-23 17:36:37.360 Seismo 2 Serial Number: 0000000000000000
2014-04-23 17:36:37.360 QAPCHP 1 Serial Number: 4643206

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2014-04-23 17:36:37.360 QAPCHP 2 Serial Number: 3743050  
 2014-04-23 17:36:37.360 KMI Property Tag Number: 2017  
 2014-04-23 17:36:37.360 System Software Version: 1.146  
 2014-04-23 17:36:37.360 Slave Processor Version: 1.11  
 2014-04-23 17:36:37.360 Calibrator Type: QCAL330  
 2014-04-23 17:36:37.360 Calibrator Version: 1.8  
 2014-04-23 17:36:37.360 Auxiliary Board Type: None  
 2014-04-23 17:36:37.360 Clock Type: Motorola M12  
 2014-04-23 17:36:37.360 PLD Version: 7.9  
 2014-04-23 17:36:37.360 Total Hours: 65566.03  
 2014-04-23 17:36:37.360 Power On Hours: 30196.41  
 2014-04-23 17:36:37.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-23 17:36:37.360 Total Number of Boots: 120  
 2014-04-23 17:36:37.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-23 17:36:37.360 Total Number of Re-Syncs: 213  
 2014-04-23 17:36:37.360 Status Inputs: 00000000  
 2014-04-23 17:36:37.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-23 17:36:37.360 Clock Quality: 100%  
 2014-04-23 17:36:37.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-23 17:36:37.360 Clock Phase: 0 usec. max allowed=50000  
 2014-04-23 17:36:37.360 Boom positions:  
 2014-04-23 17:36:37.360 ch1: -2 ch2: 1 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-04-23 17:36:37.360 Analog Status  
 2014-04-23 17:36:37.360 Analog Positive Supply: 5.46V  
 2014-04-23 17:36:37.360 Input Voltage: 13.20V  
 2014-04-23 17:36:37.360 System Temperature: 5C  
 2014-04-23 17:36:37.360 Main Current: 62ma  
 2014-04-23 17:36:37.360 Antenna Current: 0ma  
 2014-04-23 17:36:37.360 GPS Status  
 2014-04-23 17:36:37.360 Time: 17:36:35  
 2014-04-23 17:36:37.360 Date:  
 2014-04-23 17:36:37.360 Fix Type: 1-D  
 2014-04-23 17:36:37.360 Height:  
 2014-04-23 17:36:37.360 Latitude:  
 2014-04-23 17:36:37.360 Longitude:  
 2014-04-23 17:36:37.360 On Time: 0min  
 2014-04-23 17:36:37.360 Sat. Used: 0  
 2014-04-23 17:36:37.360 In View: 0  
 2014-04-23 17:36:37.360 Checksum Errors: 0  
 2014-04-23 17:36:37.360 Last GPS timemark: 2014-04-23 17:36:34  
 2014-04-23 17:36:37.360 PLL Status  
 2014-04-23 17:36:37.360 State: Lock  
 2014-04-23 17:36:37.360 Initial VCO: 2201.800049  
 2014-04-23 17:36:37.360 Time Error: 0.000000  
 2014-04-23 17:36:37.360 RMS VCO: 0.0000000  
 2014-04-23 17:36:37.360 Best VCO: 2201.69  
 2014-04-23 17:36:37.360 Seconds Since Track or Lock: 0.0  
 2014-04-23 17:36:37.360 Vco Control: 2202  
 2014-04-23 17:36:37.360 timing mode: external seascan  
 2014-04-23 17:36:37.360 tempco normal  
 2014-04-23 17:36:37.360 PLL update: 10s PLL lock criterion: 5us  
 2014-04-23 17:36:37.360 Pfrac: 150.00  
 2014-04-23 17:36:37.360 VCO slope: -0.0175000  
 2014-04-23 17:36:37.360 VCO intercept: 7.1100001  
 2014-04-23 17:36:37.360 km delta: 600.0000000  
 2014-04-23 17:36:37.360 Logical Port 4 Status  
 2014-04-23 17:36:37.360 Data Packets Sent: 1733000  
 2014-04-23 17:36:37.360 Flood Packets Sent: 0  
 2014-04-23 17:36:37.360 Packets Re-Sent: 2253  
 2014-04-23 17:36:37.360 Sequence Errors: 0  
 2014-04-23 17:36:37.360 Packet Buffer Used: 23101296  
 2014-04-23 17:36:37.360 Physical Port: Ethernet  
 2014-04-23 17:36:37.360 Baler Model: 14 Software Version: 2.28

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2014-04-23 17:36:37.360 MAC Address: 00:04:FB:00:02:EA
2014-04-23 17:36:37.360 Disk Size: 20000669696
2014-04-23 17:36:37.360 Percent of 1177 data files in use: 5.1
2014-04-23 17:36:37.360 Channels Enabled: 1234 Preamps ON channels:
2014-04-23 17:36:37.360 Channel Sensitivities (uV per count):
2014-04-23 17:36:37.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-23 17:36:37.360 Digitizer Calibration Results:
2014-04-23 17:36:37.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-23 17:36:37.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-23 17:36:37.360 DMU1 Software Version=10
2014-04-23 17:36:37.360 Supply Voltage=12.6
2014-04-23 17:36:37.360 Supply Current=0.41
2014-04-23 17:36:37.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-23 17:36:37.360 webLink Data Maps Restored
2014-04-23 17:36:37.360 [2014-04-23 05:35:44.999998] sequence resumes: 1481454 to
1481454
2014-04-23 17:36:37.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-23 17:36:36
2014-04-23 17:42:16.090 Reducing Status Polling Interval
2014-04-23 17:42:16.090 [2014-04-23 17:42:14.999998] total packets received: 53680
2014-04-23 17:42:16.090 [2014-04-23 17:42:14.999998] command timeouts: 6
2014-04-23 17:42:16.090 [2014-04-23 17:42:14.999998] out of window: 46
2014-04-23 17:42:16.090 written: HHZ-1232 HH1-1450 HH2-1460 BDH-447 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-04-23 17:42:16.090 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-31
VMZ-2 VM1-2
2014-04-23 17:42:16.090 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-23 17:42:16.090 [2014-04-23 17:42:14.999998] Done: 4739 recs. seq end:
1525044. run: 334 s
2014-04-24 05:43:08.320
2014-04-24 05:43:08.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-24 05:43:08.320 Control Port 2491 Opened
2014-04-24 05:43:08.320 Baler ready on Ethernet
2014-04-24 05:43:08.320 Power Cycled Baler Acknowledged
2014-04-24 05:43:08.320 Commands Accepted by Q330
2014-04-24 05:43:08.320 Access timeout: 300 sec
2014-04-24 05:43:08.320 Control Port 4023 Opened
2014-04-24 05:43:08.320 Data Port 4024 Opened
2014-04-24 05:43:08.320 Registered with Q330
2014-04-24 05:43:08.320 Combination Record Received
2014-04-24 05:43:08.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-24 05:43:08.320 GPS Receiver ID Received
2014-04-24 05:43:08.320 Manufacturer's Data Received, Property Tag=2017
2014-04-24 05:43:08.320 Digitizer Gain & Offsets Received
2014-04-24 05:43:08.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4739 recs.
seq end: 1525044
2014-04-24 05:43:08.320 Baler clock set to 2014-04-24 05:43:07
2014-04-24 05:43:08.320 Starting to Read DP Tokens
2014-04-24 05:43:08.320 DP Tokens loaded, size=1474 bytes
2014-04-24 05:43:08.320 webserver advertising 192.168.200.119:5380
2014-04-24 05:43:08.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-24 05:43:08.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-24 05:43:08.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-24 05:43:08.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-24 05:43:08.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-24 05:43:08.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-24 05:43:08.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-24 05:43:08.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-24 05:43:08.320 [2014-04-23 17:42:14.999998] continuity found: 1525044
451590135.000000 Q=100
2014-04-24 05:43:08.320 [2014-04-23 17:42:14.999998] restoring continuity
2014-04-24 05:43:08.320 Sending DT_OPEN
2014-04-24 05:43:08.320 Station: XX-2017

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2014-04-24 05:43:08.320 Q330 Serial Number: 0100000DB18FC351  
 2014-04-24 05:43:08.320 AMB Serial Number: 0100000B6909DD82  
 2014-04-24 05:43:08.320 Seismo 1 Serial Number: 0000000000000000  
 2014-04-24 05:43:08.320 Seismo 2 Serial Number: 0000000000000000  
 2014-04-24 05:43:08.320 QAPCHP 1 Serial Number: 4643206  
 2014-04-24 05:43:08.320 QAPCHP 2 Serial Number: 3743050  
 2014-04-24 05:43:08.320 KMI Property Tag Number: 2017  
 2014-04-24 05:43:08.320 System Software Version: 1.146  
 2014-04-24 05:43:08.320 Slave Processor Version: 1.11  
 2014-04-24 05:43:08.320 Calibrator Type: QCAL330  
 2014-04-24 05:43:08.320 Calibrator Version: 1.8  
 2014-04-24 05:43:08.320 Auxiliary Board Type: None  
 2014-04-24 05:43:08.320 Clock Type: Motorola M12  
 2014-04-24 05:43:08.320 PLD Version: 7.9  
 2014-04-24 05:43:08.320 Total Hours: 65578.14  
 2014-04-24 05:43:08.320 Power On Hours: 30208.52  
 2014-04-24 05:43:08.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-24 05:43:08.320 Total Number of Boots: 120  
 2014-04-24 05:43:08.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-24 05:43:08.320 Total Number of Re-Syncs: 213  
 2014-04-24 05:43:08.320 Status Inputs: 00000000  
 2014-04-24 05:43:08.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-04-24 05:43:08.320 Clock Quality: 100%  
 2014-04-24 05:43:08.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-24 05:43:08.320 Clock Phase: 0 usec. max allowed=50000  
 2014-04-24 05:43:08.320 Boom positions:  
 2014-04-24 05:43:08.320 Ch1: -2 ch2: -1 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-04-24 05:43:08.320 Analog Status  
 2014-04-24 05:43:08.320 Analog Positive Supply: 5.46V  
 2014-04-24 05:43:08.320 Input Voltage: 13.20V  
 2014-04-24 05:43:08.320 System Temperature: 5C  
 2014-04-24 05:43:08.320 Main Current: 61ma  
 2014-04-24 05:43:08.320 Antenna Current: 0ma  
 2014-04-24 05:43:08.320 GPS Status  
 2014-04-24 05:43:08.320 Time: 05:43:07  
 2014-04-24 05:43:08.320 Date:  
 2014-04-24 05:43:08.320 Fix Type: 1-D  
 2014-04-24 05:43:08.320 Height:  
 2014-04-24 05:43:08.320 Latitude:  
 2014-04-24 05:43:08.320 Longitude:  
 2014-04-24 05:43:08.320 On Time: 0min  
 2014-04-24 05:43:08.320 Sat. Used: 0  
 2014-04-24 05:43:08.320 In View: 0  
 2014-04-24 05:43:08.320 Checksum Errors: 0  
 2014-04-24 05:43:08.320 Last GPS timemark: 2014-04-24 05:43:06  
 2014-04-24 05:43:08.320 PLL Status  
 2014-04-24 05:43:08.320 State: Lock  
 2014-04-24 05:43:08.320 Initial VCO: 2201.564941  
 2014-04-24 05:43:08.320 Time Error: 0.000000  
 2014-04-24 05:43:08.320 RMS VCO: 0.0000000  
 2014-04-24 05:43:08.320 Best VCO: 2201.50  
 2014-04-24 05:43:08.320 Seconds Since Track or Lock: 0.0  
 2014-04-24 05:43:08.320 Vco Control: 2202  
 2014-04-24 05:43:08.320 timing mode: external seascan  
 2014-04-24 05:43:08.320 tempco normal  
 2014-04-24 05:43:08.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-24 05:43:08.320 Pfrac: 150.00  
 2014-04-24 05:43:08.320 VCO slope: -0.0175000  
 2014-04-24 05:43:08.320 VCO intercept: 7.1100001  
 2014-04-24 05:43:08.320 km delta: 600.0000000  
 2014-04-24 05:43:08.320 Logical Port 4 Status  
 2014-04-24 05:43:08.320 Data Packets Sent: 1786603  
 2014-04-24 05:43:08.320 Flood Packets Sent: 0

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2014-04-24 05:43:08.320 Packets Re-Sent: 2313  
 2014-04-24 05:43:08.320 Sequence Errors: 0  
 2014-04-24 05:43:08.320 Packet Buffer Used: 22724896  
 2014-04-24 05:43:08.320 Physical Port: Ethernet  
 2014-04-24 05:43:08.320 Baler Model: 14 Software Version: 2.28  
 2014-04-24 05:43:08.320 MAC Address: 00:04:FB:00:02:EA  
 2014-04-24 05:43:08.320 Disk Size: 20000669696  
 2014-04-24 05:43:08.320 Percent of 1177 data files in use: 5.2  
 2014-04-24 05:43:08.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-24 05:43:08.320 Channel Sensitivities (uV per count):  
 2014-04-24 05:43:08.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-24 05:43:08.320 Digitizer Calibration Results:  
 2014-04-24 05:43:08.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-24 05:43:08.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-24 05:43:08.320 DMU1 Software Version=10  
 2014-04-24 05:43:08.320 Supply Voltage=12.7  
 2014-04-24 05:43:08.320 Supply Current=0.40  
 2014-04-24 05:43:08.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-24 05:43:08.320 webLink Data Maps Restored  
 2014-04-24 05:43:08.320 [2014-04-23 17:42:14.999998] sequence resumes: 1525044 to 1525044  
 2014-04-24 05:43:08.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-04-24 05:43:07  
 2014-04-24 05:46:01.890 [2014-04-24 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-04-24 05:48:38.260 [2014-04-24 05:41:22.000000] total packets received: 49488  
 2014-04-24 05:48:38.260 [2014-04-24 05:41:22.000000] command timeouts: 6  
 2014-04-24 05:48:38.260 [2014-04-24 05:41:22.000000] out of window: 58  
 2014-04-24 05:48:38.260 written: HHZ-1197 HH1-1395 HH2-1419 BDH-445 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-04-24 05:48:38.260 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-26 LH2-26 LDH-33  
 VMZ-2 VM1-2  
 2014-04-24 05:48:38.260 written: VM2-2 LOG-3 ACE-2 OCF-2  
 2014-04-24 05:48:38.260 [2014-04-24 05:41:22.000000] Done: 4612 recs. seq end: 1568191. run: 325 s  
 2014-04-24 17:49:31.320  
 2014-04-24 17:49:31.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-04-24 17:49:31.320 Control Port 2491 Opened  
 2014-04-24 17:49:31.320 Baler ready on Ethernet  
 2014-04-24 17:49:31.320 Power Cycled Baler Acknowledged  
 2014-04-24 17:49:31.320 Commands Accepted by Q330  
 2014-04-24 17:49:31.320 Access timeout: 300 sec  
 2014-04-24 17:49:31.320 Control Port 4023 Opened  
 2014-04-24 17:49:31.320 Data Port 4024 Opened  
 2014-04-24 17:49:31.320 Registered with Q330  
 2014-04-24 17:49:31.320 Combination Record Received  
 2014-04-24 17:49:31.320 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-04-24 17:49:31.320 Link Reset, starting window sequence: 804  
 2014-04-24 17:49:31.320 GPS Receiver ID Received  
 2014-04-24 17:49:31.320 Manufacturer's Data Received, Property Tag=2017  
 2014-04-24 17:49:31.320 Digitizer Gain & Offsets Received  
 2014-04-24 17:49:31.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4612 recs. seq end: 1568191  
 2014-04-24 17:49:31.320 Baler clock set to 2014-04-24 17:49:30  
 2014-04-24 17:49:31.320 Starting to Read DP Tokens  
 2014-04-24 17:49:31.320 DP Tokens loaded, size=1474 bytes  
 2014-04-24 17:49:31.320 webserver advertising 192.168.200.119:5380  
 2014-04-24 17:49:31.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-04-24 17:49:31.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-04-24 17:49:31.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-04-24 17:49:31.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-04-24 17:49:31.320 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-04-24 17:49:31.320 filters & delay LH1:2@1,Linear all=15.000000

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2014-04-24 17:49:31.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-24 17:49:31.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-24 17:49:31.320 [2014-04-24 05:41:22.000000] continuity found: 1568191
451633282.000000 Q=100
2014-04-24 17:49:31.320 [2014-04-24 05:41:22.000000] restoring continuity
2014-04-24 17:49:31.320 Sending DT_OPEN
2014-04-24 17:49:31.320 Station: XX-2017
2014-04-24 17:49:31.320 Q330 Serial Number: 0100000DB18FC351
2014-04-24 17:49:31.320 AMB Serial Number: 0100000B6909DD82
2014-04-24 17:49:31.320 Seismo 1 Serial Number: 0000000000000000
2014-04-24 17:49:31.320 Seismo 2 Serial Number: 0000000000000000
2014-04-24 17:49:31.320 QAPCHP 1 Serial Number: 4643206
2014-04-24 17:49:31.320 QAPCHP 2 Serial Number: 3743050
2014-04-24 17:49:31.320 KMI Property Tag Number: 2017
2014-04-24 17:49:31.320 System Software Version: 1.146
2014-04-24 17:49:31.320 Slave Processor Version: 1.11
2014-04-24 17:49:31.320 Calibrator Type: QCAL330
2014-04-24 17:49:31.320 Calibrator Version: 1.8
2014-04-24 17:49:31.320 Auxiliary Board Type: None
2014-04-24 17:49:31.320 Clock Type: Motorola M12
2014-04-24 17:49:31.320 PLD Version: 7.9
2014-04-24 17:49:31.320 Total Hours: 65590.24
2014-04-24 17:49:31.320 Power On Hours: 30220.63
2014-04-24 17:49:31.320 Time of Last Boot: 2014-04-06 02:03:58
2014-04-24 17:49:31.320 Total Number of Boots: 120
2014-04-24 17:49:31.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-24 17:49:31.320 Total Number of Re-Syncs: 213
2014-04-24 17:49:31.320 Status Inputs: 00000000
2014-04-24 17:49:31.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-24 17:49:31.320 Clock Quality: 100%
2014-04-24 17:49:31.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-24 17:49:31.320 Clock Phase: 0 usec. max allowed=50000
2014-04-24 17:49:31.320 Boom positions:
2014-04-24 17:49:31.320 ch1: -2 ch2: -3 ch3: 7 ch4: 20 ch5: 20 ch6: 20
2014-04-24 17:49:31.320 Analog Status
2014-04-24 17:49:31.320 Analog Positive Supply: 5.46V
2014-04-24 17:49:31.320 Input Voltage: 13.35V
2014-04-24 17:49:31.320 System Temperature: 5C
2014-04-24 17:49:31.320 Main Current: 62ma
2014-04-24 17:49:31.320 Antenna Current: 0ma
2014-04-24 17:49:31.320 GPS Status
2014-04-24 17:49:31.320 Time: 17:49:30
2014-04-24 17:49:31.320 Date:
2014-04-24 17:49:31.320 Fix Type: 1-D
2014-04-24 17:49:31.320 Height:
2014-04-24 17:49:31.320 Latitude:
2014-04-24 17:49:31.320 Longitude:
2014-04-24 17:49:31.320 On Time: 0min
2014-04-24 17:49:31.320 Sat. Used: 0
2014-04-24 17:49:31.320 In View: 0
2014-04-24 17:49:31.320 Checksum Errors: 0
2014-04-24 17:49:31.320 Last GPS timemark: 2014-04-24 17:49:29
2014-04-24 17:49:31.320 PLL Status
2014-04-24 17:49:31.320 State: Lock
2014-04-24 17:49:31.320 Initial VCO: 2201.843506
2014-04-24 17:49:31.320 Time Error: 0.000000
2014-04-24 17:49:31.320 RMS VCO: 0.0000000
2014-04-24 17:49:31.320 Best VCO: 2201.89
2014-04-24 17:49:31.320 Seconds Since Track or Lock: 0.0
2014-04-24 17:49:31.320 Vco Control: 2202
2014-04-24 17:49:31.320 timing mode: external seascan
2014-04-24 17:49:31.320 tempco normal
2014-04-24 17:49:31.320 PLL update: 10s PLL lock criterion: 5us

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2014-04-24 17:49:31.320 Pfrac: 150.00
2014-04-24 17:49:31.320 VCO slope: -0.0175000
2014-04-24 17:49:31.320 VCO intercept: 7.1100001
2014-04-24 17:49:31.320 km delta: 600.0000000
2014-04-24 17:49:31.320 Logical Port 4 Status
2014-04-24 17:49:31.320 Data Packets Sent: 1836003
2014-04-24 17:49:31.320 Flood Packets Sent: 0
2014-04-24 17:49:31.320 Sequence Errors: 0
2014-04-24 17:49:31.320 Packet Buffer Used: 22527244
2014-04-24 17:49:31.320 Physical Port: Ethernet
2014-04-24 17:49:31.320 Baler Model: 14 Software Version: 2.28
2014-04-24 17:49:31.320 MAC Address: 00:04:FB:00:02:EA
2014-04-24 17:49:31.320 Disk Size: 20000669696
2014-04-24 17:49:31.320 Percent of 1177 data files in use: 5.3
2014-04-24 17:49:31.320 Channels Enabled: 1234 Preamps ON channels:
2014-04-24 17:49:31.320 Channel sensitivities (uV per count):
2014-04-24 17:49:31.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-24 17:49:31.320 Digitizer Calibration Results:
2014-04-24 17:49:31.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-24 17:49:31.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-24 17:49:31.320 DMU1 Software Version=10
2014-04-24 17:49:31.320 Supply Voltage=12.7
2014-04-24 17:49:31.320 Supply Current=0.41
2014-04-24 17:49:31.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-24 17:49:31.320 WebLink Data Maps Restored
2014-04-24 17:49:31.320 [2014-04-24 05:41:22.000000] sequence resumes: 1568191 to
1568191
2014-04-24 17:49:31.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-04-24 17:49:30
2014-04-24 17:55:11.520 Reducing Status Polling Interval
2014-04-24 17:55:11.520 [2014-04-24 17:55:10.999998] total packets received: 46555
2014-04-24 17:55:11.520 [2014-04-24 17:55:10.999998] command timeouts: 6
2014-04-24 17:55:11.520 [2014-04-24 17:55:10.999998] out of window: 72
2014-04-24 17:55:11.520 written: HHZ-1186 HH1-1389 HH2-1419 BDH-451 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-04-24 17:55:11.520 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-30
VMZ-1 VM1-1
2014-04-24 17:55:11.520 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-24 17:55:11.520 [2014-04-24 17:55:10.999998] Done: 4588 recs. seq end:
1612220. run: 334 s
2014-04-25 05:56:03.320
2014-04-25 05:56:03.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-25 05:56:03.320 Control Port 2491 Opened
2014-04-25 05:56:03.320 Baler ready on Ethernet
2014-04-25 05:56:03.320 Power Cycled Baler Acknowledged
2014-04-25 05:56:03.320 Commands Accepted by Q330
2014-04-25 05:56:03.320 Access timeout: 300 sec
2014-04-25 05:56:03.320 Control Port 4023 Opened
2014-04-25 05:56:03.320 Data Port 4024 Opened
2014-04-25 05:56:03.320 Registered with Q330
2014-04-25 05:56:03.320 Combination Record Received
2014-04-25 05:56:03.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-25 05:56:03.320 Link Reset, starting window sequence: 47251
2014-04-25 05:56:03.320 GPS Receiver ID Received
2014-04-25 05:56:03.320 Manufacturer's Data Received, Property Tag=2017
2014-04-25 05:56:03.320 Digitizer Gain & Offsets Received
2014-04-25 05:56:03.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4588 recs.
seq end: 1612220
2014-04-25 05:56:03.320 Baler clock set to 2014-04-25 05:56:02
2014-04-25 05:56:03.320 Starting to Read DP Tokens
2014-04-25 05:56:03.320 DP Tokens loaded, size=1474 bytes
2014-04-25 05:56:03.320 Webserver advertising 192.168.200.119:5380
2014-04-25 05:56:03.320 filters & delay HHZ:1@100,Linear all=0.320000

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2014-04-25 05:56:03.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-25 05:56:03.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-25 05:56:03.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-25 05:56:03.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-25 05:56:03.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-25 05:56:03.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-25 05:56:03.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-25 05:56:03.320 [2014-04-24 17:55:10.999998] continuity found: 1612220
451677311.000000 Q=100
2014-04-25 05:56:03.320 [2014-04-24 17:55:10.999998] restoring continuity
2014-04-25 05:56:03.320 Sending DT_OPEN
2014-04-25 05:56:03.320 Station: XX-2017
2014-04-25 05:56:03.320 Q330 Serial Number: 0100000DB18FC351
2014-04-25 05:56:03.320 AMB Serial Number: 0100000B6909DD82
2014-04-25 05:56:03.320 Seismo 1 Serial Number: 0000000000000000
2014-04-25 05:56:03.320 Seismo 2 Serial Number: 0000000000000000
2014-04-25 05:56:03.320 QAPCHP 1 Serial Number: 4643206
2014-04-25 05:56:03.320 QAPCHP 2 Serial Number: 3743050
2014-04-25 05:56:03.320 KMI Property Tag Number: 2017
2014-04-25 05:56:03.320 System Software Version: 1.146
2014-04-25 05:56:03.320 Slave Processor Version: 1.11
2014-04-25 05:56:03.320 Calibrator Type: QCAL330
2014-04-25 05:56:03.320 Calibrator Version: 1.8
2014-04-25 05:56:03.320 Auxiliary Board Type: None
2014-04-25 05:56:03.320 Clock Type: Motorola M12
2014-04-25 05:56:03.320 PLD Version: 7.9
2014-04-25 05:56:03.320 Total Hours: 65602.35
2014-04-25 05:56:03.320 Power On Hours: 30232.74
2014-04-25 05:56:03.320 Time of Last Boot: 2014-04-06 02:03:58
2014-04-25 05:56:03.320 Total Number of Boots: 120
2014-04-25 05:56:03.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-25 05:56:03.320 Total Number of Re-Syncs: 213
2014-04-25 05:56:03.320 Status Inputs: 00000000
2014-04-25 05:56:03.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-04-25 05:56:03.320 Clock Quality: 100%
2014-04-25 05:56:03.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-25 05:56:03.320 Clock Phase: -2 usec. max allowed=50000
2014-04-25 05:56:03.320 Boom positions:
2014-04-25 05:56:03.320 ch1: -2 ch2: -7 ch3: 8 ch4: 20 ch5: 20 ch6: 20
2014-04-25 05:56:03.320 Analog Status
2014-04-25 05:56:03.320 Analog Positive Supply: 5.46V
2014-04-25 05:56:03.320 Input Voltage: 13.35V
2014-04-25 05:56:03.320 System Temperature: 5C
2014-04-25 05:56:03.320 Main Current: 62ma
2014-04-25 05:56:03.320 Antenna Current: 0ma
2014-04-25 05:56:03.320 GPS Status
2014-04-25 05:56:03.320 Time: 05:56:03
2014-04-25 05:56:03.320 Date:
2014-04-25 05:56:03.320 Fix Type: 1-D
2014-04-25 05:56:03.320 Height:
2014-04-25 05:56:03.320 Latitude:
2014-04-25 05:56:03.320 Longitude:
2014-04-25 05:56:03.320 On Time: 0min
2014-04-25 05:56:03.320 Sat. Used: 0
2014-04-25 05:56:03.320 In View: 0
2014-04-25 05:56:03.320 Checksum Errors: 0
2014-04-25 05:56:03.320 Last GPS timemark: 2014-04-25 05:56:02
2014-04-25 05:56:03.320 PLL Status
2014-04-25 05:56:03.320 State: Lock
2014-04-25 05:56:03.320 Initial VCO: 2201.599365
2014-04-25 05:56:03.320 Time Error: 0.000000
2014-04-25 05:56:03.320 RMS VCO: 0.0000000
2014-04-25 05:56:03.320 Best VCO: 2201.71

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2014-04-25 05:56:03.320 Seconds Since Track or Lock: 0.0
2014-04-25 05:56:03.320 Vco Control: 2201
2014-04-25 05:56:03.320 timing mode: external seascan
2014-04-25 05:56:03.320 tempco normal
2014-04-25 05:56:03.320 PLL update: 10s PLL lock criterion: 5us
2014-04-25 05:56:03.320 Pfrac: 150.00
2014-04-25 05:56:03.320 VCO slope: -0.0175000
2014-04-25 05:56:03.320 VCO intercept: 7.1100001
2014-04-25 05:56:03.320 km delta: 600.0000000
2014-04-25 05:56:03.320 Logical Port 4 Status
2014-04-25 05:56:03.320 Data Packets Sent: 1882455
2014-04-25 05:56:03.320 Flood Packets Sent: 0
2014-04-25 05:56:03.320 Packets Re-Sent: 2470
2014-04-25 05:56:03.320 Sequence Errors: 0
2014-04-25 05:56:03.320 Packet Buffer Used: 22862640
2014-04-25 05:56:03.320 Physical Port: Ethernet
2014-04-25 05:56:03.320 Baler Model: 14 Software Version: 2.28
2014-04-25 05:56:03.320 MAC Address: 00:04:FB:00:02:EA
2014-04-25 05:56:03.320 Disk Size: 20000669696
2014-04-25 05:56:03.320 Percent of 1177 data files in use: 5.4
2014-04-25 05:56:03.320 Channels Enabled: 1234 Preamps ON channels:
2014-04-25 05:56:03.320 Channel sensitivities (uV per count):
2014-04-25 05:56:03.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-25 05:56:03.320 Digitizer Calibration Results:
2014-04-25 05:56:03.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-25 05:56:03.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-25 05:56:03.320 DMU1 Software Version=10
2014-04-25 05:56:03.320 Supply Voltage=12.7
2014-04-25 05:56:03.320 Supply Current=0.41
2014-04-25 05:56:03.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-25 05:56:03.320 webLink Data Maps Restored
2014-04-25 05:56:03.320 [2014-04-24 17:55:10.999998] sequence resumes: 1612220 to
1612220
2014-04-25 05:56:03.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-04-25 05:56:02
2014-04-25 05:58:49.580 [2014-04-25 00:00:00.000001] Saving Configuration to Backup
Memory
2014-04-25 06:01:42.380 Reducing Status Polling Interval
2014-04-25 06:01:42.380 [2014-04-25 06:01:42.999998] total packets received: 51667
2014-04-25 06:01:42.380 [2014-04-25 06:01:42.999998] command timeouts: 6
2014-04-25 06:01:42.380 [2014-04-25 06:01:42.999998] out of window: 60
2014-04-25 06:01:42.380 written: HHZ-1190 HH1-1385 HH2-1520 BDH-438 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-25 06:01:42.380 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-04-25 06:01:42.380 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-25 06:01:42.380 [2014-04-25 06:01:42.999998] Done: 4680 recs. seq end:
1655812. run: 334 s
2014-04-25 18:02:36.370
2014-04-25 18:02:36.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-25 18:02:36.370 Control Port 2491 Opened
2014-04-25 18:02:36.370 Baler ready on Ethernet
2014-04-25 18:02:36.370 Power Cycled Baler Acknowledged
2014-04-25 18:02:36.370 Commands Accepted by Q330
2014-04-25 18:02:36.370 Access timeout: 300 sec
2014-04-25 18:02:36.370 Control Port 4023 Opened
2014-04-25 18:02:36.370 Data Port 4024 Opened
2014-04-25 18:02:36.370 Registered with Q330
2014-04-25 18:02:36.370 Combination Record Received
2014-04-25 18:02:36.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-25 18:02:36.370 Link Reset, starting window sequence: 33286
2014-04-25 18:02:36.370 GPS Receiver ID Received
2014-04-25 18:02:36.370 Manufacturer's Data Received, Property Tag=2017

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2014-04-25 18:02:36.370 Digitizer Gain & Offsets Received
2014-04-25 18:02:36.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4680 recs.
seq end: 1655812
2014-04-25 18:02:36.370 Baler clock set to 2014-04-25 18:02:35
2014-04-25 18:02:36.370 Starting to Read DP Tokens
2014-04-25 18:02:36.370 DP Tokens loaded, size=1474 bytes
2014-04-25 18:02:36.370 webserver advertising 192.168.200.119:5380
2014-04-25 18:02:36.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-25 18:02:36.370 filters & delay HH1:2@100,Linear all=0.320000
2014-04-25 18:02:36.370 filters & delay HH2:3@100,Linear all=0.320000
2014-04-25 18:02:36.370 filters & delay BDH:4@20,Linear all=1.650000
2014-04-25 18:02:36.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-25 18:02:36.370 filters & delay LH1:2@1,Linear all=15.000000
2014-04-25 18:02:36.370 filters & delay LH2:3@1,Linear all=15.000000
2014-04-25 18:02:36.370 filters & delay LDH:4@1,Linear all=15.000000
2014-04-25 18:02:36.370 [2014-04-25 06:01:42.999998] continuity found: 1655812
451720903.000000 Q=100
2014-04-25 18:02:36.370 [2014-04-25 06:01:42.999998] restoring continuity
2014-04-25 18:02:36.370 Sending DT_OPEN
2014-04-25 18:02:36.370 Station: XX-2017
2014-04-25 18:02:36.370 Q330 Serial Number: 0100000DB18FC351
2014-04-25 18:02:36.370 AMB Serial Number: 0100000B6909DD82
2014-04-25 18:02:36.370 Seismo 1 Serial Number: 0000000000000000
2014-04-25 18:02:36.370 Seismo 2 Serial Number: 0000000000000000
2014-04-25 18:02:36.370 QAPCHP 1 Serial Number: 4643206
2014-04-25 18:02:36.370 QAPCHP 2 Serial Number: 3743050
2014-04-25 18:02:36.370 KMI Property Tag Number: 2017
2014-04-25 18:02:36.370 System Software Version: 1.146
2014-04-25 18:02:36.370 Calibrator Type: QCAL330
2014-04-25 18:02:36.370 Calibrator Version: 1.8
2014-04-25 18:02:36.370 Auxiliary Board Type: None
2014-04-25 18:02:36.370 Clock Type: Motorola M12
2014-04-25 18:02:36.370 PLD Version: 7.9
2014-04-25 18:02:36.370 Total Hours: 65614.46
2014-04-25 18:02:36.370 Power On Hours: 30244.85
2014-04-25 18:02:36.370 Time of Last Boot: 2014-04-06 02:03:58
2014-04-25 18:02:36.370 Total Number of Boots: 120
2014-04-25 18:02:36.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-25 18:02:36.370 Total Number of Re-Syncs: 213
2014-04-25 18:02:36.370 Status Inputs: 00000000
2014-04-25 18:02:36.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-25 18:02:36.370 Clock Quality: 100%
2014-04-25 18:02:36.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-25 18:02:36.370 Clock Phase: 0 usec. max allowed=50000
2014-04-25 18:02:36.370 Boom positions:
2014-04-25 18:02:36.370 ch1: -2 ch2: -9 ch3: 7 ch4: 20 ch5: 20 ch6: 20
2014-04-25 18:02:36.370 Analog Status
2014-04-25 18:02:36.370 Analog Positive Supply: 5.46V
2014-04-25 18:02:36.370 Input Voltage: 13.20V
2014-04-25 18:02:36.370 System Temperature: 5C
2014-04-25 18:02:36.370 Main Current: 61ma
2014-04-25 18:02:36.370 Antenna Current: 0ma
2014-04-25 18:02:36.370 GPS Status
2014-04-25 18:02:36.370 Time: 18:02:35
2014-04-25 18:02:36.370 Date:
2014-04-25 18:02:36.370 Fix Type: 1-D
2014-04-25 18:02:36.370 Height:
2014-04-25 18:02:36.370 Latitude:
2014-04-25 18:02:36.370 Longitude:
2014-04-25 18:02:36.370 On Time: 0min
2014-04-25 18:02:36.370 Sat. Used: 0
2014-04-25 18:02:36.370 In View: 0
2014-04-25 18:02:36.370 Checksum Errors: 0

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2014-04-25 18:02:36.370 Last GPS timemark: 2014-04-25 18:02:34
2014-04-25 18:02:36.370 PLL Status
2014-04-25 18:02:36.370 State: Lock
2014-04-25 18:02:36.370 Initial VCO: 2201.388428
2014-04-25 18:02:36.370 Time Error: 0.000000
2014-04-25 18:02:36.370 RMS VCO: 0.000000
2014-04-25 18:02:36.370 Best VCO: 2201.61
2014-04-25 18:02:36.370 Seconds Since Track or Lock: 0.0
2014-04-25 18:02:36.370 Vco Control: 2201
2014-04-25 18:02:36.370 timing mode: external seascan
2014-04-25 18:02:36.370 tempco normal
2014-04-25 18:02:36.370 PLL update: 10s PLL lock criterion: 5us
2014-04-25 18:02:36.370 Pfrac: 150.00
2014-04-25 18:02:36.370 VCO slope: -0.0175000
2014-04-25 18:02:36.370 VCO intercept: 7.1100001
2014-04-25 18:02:36.370 km delta: 600.000000
2014-04-25 18:02:36.370 Logical Port 4 Status
2014-04-25 18:02:36.370 Data Packets Sent: 1934031
2014-04-25 18:02:36.370 Flood Packets Sent: 0
2014-04-25 18:02:36.370 Packets Re-Sent: 2541
2014-04-25 18:02:36.370 Sequence Errors: 0
2014-04-25 18:02:36.370 Packet Buffer Used: 22555724
2014-04-25 18:02:36.370 Physical Port: Ethernet
2014-04-25 18:02:36.370 Baler Model: 14 Software Version: 2.28
2014-04-25 18:02:36.370 MAC Address: 00:04:FB:00:02:EA
2014-04-25 18:02:36.370 Disk Size: 20000669696
2014-04-25 18:02:36.370 Percent of 1177 data files in use: 5.4
2014-04-25 18:02:36.370 Channels Enabled: 1234 Preamps ON channels:
2014-04-25 18:02:36.370 Channel Sensitivities (uV per count):
2014-04-25 18:02:36.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-25 18:02:36.370 Digitizer Calibration Results:
2014-04-25 18:02:36.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-25 18:02:36.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-25 18:02:36.370 DMU1 Software Version=10
2014-04-25 18:02:36.370 Supply Voltage=12.7
2014-04-25 18:02:36.370 Supply Current=0.41
2014-04-25 18:02:36.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-25 18:02:36.370 webLink Data Maps Restored
2014-04-25 18:02:36.370 [2014-04-25 06:01:42.999998] sequence resumes: 1655812 to
1655812
2014-04-25 18:02:36.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-25 18:02:35
2014-04-25 18:08:04.930 Reducing Status Polling Interval
2014-04-25 18:08:04.930 [2014-04-25 18:08:03.999998] total packets received: 50348
2014-04-25 18:08:04.930 [2014-04-25 18:08:03.999998] command timeouts: 6
2014-04-25 18:08:04.930 [2014-04-25 18:08:03.999998] out of window: 43
2014-04-25 18:08:04.930 written: HHZ-1175 HH1-1380 HH2-1475 BDH-431 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-04-25 18:08:04.930 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-04-25 18:08:04.930 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-04-25 18:08:04.930 [2014-04-25 18:08:03.999998] Done: 4601 recs. seq end:
1699393. run: 324 s
2014-04-26 06:08:56.290
2014-04-26 06:08:56.290 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-26 06:08:56.290 Control Port 2491 Opened
2014-04-26 06:08:56.290 Baler ready on Ethernet
2014-04-26 06:08:56.290 Power Cycled Baler Acknowledged
2014-04-26 06:08:56.290 Commands Accepted by Q330
2014-04-26 06:08:56.290 Access timeout: 300 sec
2014-04-26 06:08:56.290 Control Port 4023 Opened
2014-04-26 06:08:56.290 Data Port 4024 Opened
2014-04-26 06:08:56.290 Registered with Q330

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2014-04-26 06:08:56.290 Combination Record Received
2014-04-26 06:08:56.290 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-26 06:08:56.290 Link Reset, starting window sequence: 18020
2014-04-26 06:08:56.290 GPS Receiver ID Received
2014-04-26 06:08:56.290 Manufacturer's Data Received, Property Tag=2017
2014-04-26 06:08:56.290 Digitizer Gain & Offsets Received
2014-04-26 06:08:56.290 Msg From 192.168.200.119: Baler XX-2017 readback. 4601 recs.
seq end: 1699393
2014-04-26 06:08:56.290 Baler clock set to 2014-04-26 06:08:55
2014-04-26 06:08:56.290 Starting to Read DP Tokens
2014-04-26 06:08:56.290 DP Tokens loaded, size=1474 bytes
2014-04-26 06:08:56.290 webserver advertising 192.168.200.119:5380
2014-04-26 06:08:56.290 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-26 06:08:56.290 filters & delay HH1:2@100,Linear all=0.320000
2014-04-26 06:08:56.290 filters & delay HH2:3@100,Linear all=0.320000
2014-04-26 06:08:56.290 filters & delay BDH:4@20,Linear all=1.650000
2014-04-26 06:08:56.290 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-26 06:08:56.290 filters & delay LH1:2@1,Linear all=15.000000
2014-04-26 06:08:56.290 filters & delay LH2:3@1,Linear all=15.000000
2014-04-26 06:08:56.290 filters & delay LDH:4@1,Linear all=15.000000
2014-04-26 06:08:56.290 [2014-04-25 18:08:03.999998] continuity found: 1699393
451764484.000000 Q=100
2014-04-26 06:08:56.290 [2014-04-25 18:08:03.999998] restoring continuity
2014-04-26 06:08:56.290 Sending DT_OPEN
2014-04-26 06:08:56.290 Station: XX-2017
2014-04-26 06:08:56.290 Q330 Serial Number: 0100000DB18FC351
2014-04-26 06:08:56.290 AMB Serial Number: 0100000B6909DD82
2014-04-26 06:08:56.290 Seismo 1 Serial Number: 0000000000000000
2014-04-26 06:08:56.290 Seismo 2 Serial Number: 0000000000000000
2014-04-26 06:08:56.290 QAPCHP 1 Serial Number: 4643206
2014-04-26 06:08:56.290 QAPCHP 2 Serial Number: 3743050
2014-04-26 06:08:56.290 KMI Property Tag Number: 2017
2014-04-26 06:08:56.290 System Software Version: 1.146
2014-04-26 06:08:56.290 Slave Processor Version: 1.11
2014-04-26 06:08:56.290 Calibrator Type: QCAL330
2014-04-26 06:08:56.290 Calibrator Version: 1.8
2014-04-26 06:08:56.290 Auxiliary Board Type: None
2014-04-26 06:08:56.290 Clock Type: Motorola M12
2014-04-26 06:08:56.290 PLD Version: 7.9
2014-04-26 06:08:56.290 Total Hours: 65626.57
2014-04-26 06:08:56.290 Power On Hours: 30256.95
2014-04-26 06:08:56.290 Time of Last Boot: 2014-04-06 02:03:58
2014-04-26 06:08:56.290 Total Number of Boots: 120
2014-04-26 06:08:56.290 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-26 06:08:56.290 Total Number of Re-Syncs: 213
2014-04-26 06:08:56.290 Status Inputs: 00000000
2014-04-26 06:08:56.290 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-26 06:08:56.290 Clock Quality: 100%
2014-04-26 06:08:56.290 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-26 06:08:56.290 Clock Phase: -2 usec. max allowed=50000
2014-04-26 06:08:56.290 Boom positions:
2014-04-26 06:08:56.290 ch1: -2 ch2: -15 ch3: 9 ch4: 20 ch5: 20 ch6: 20
2014-04-26 06:08:56.290 Analog Status
2014-04-26 06:08:56.290 Analog Positive Supply: 5.46V
2014-04-26 06:08:56.290 Input Voltage: 13.05V
2014-04-26 06:08:56.290 System Temperature: 5C
2014-04-26 06:08:56.290 Main Current: 62ma
2014-04-26 06:08:56.290 Antenna Current: 0ma
2014-04-26 06:08:56.290 GPS Status
2014-04-26 06:08:56.290 Time: 06:08:56
2014-04-26 06:08:56.290 Date:
2014-04-26 06:08:56.290 Fix Type: 1-D
2014-04-26 06:08:56.290 Height:

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2014-04-26 06:08:56.290 Latitude:  
 2014-04-26 06:08:56.290 Longitude:  
 2014-04-26 06:08:56.290 On Time: 0min  
 2014-04-26 06:08:56.290 Sat. Used: 0  
 2014-04-26 06:08:56.290 In View: 0  
 2014-04-26 06:08:56.290 Checksum Errors: 0  
 2014-04-26 06:08:56.290 Last GPS timemark: 2014-04-26 06:08:55  
 2014-04-26 06:08:56.290 PLL Status  
 2014-04-26 06:08:56.290 State: Lock  
 2014-04-26 06:08:56.290 Initial VCO: 2201.694824  
 2014-04-26 06:08:56.290 Time Error: 0.000002  
 2014-04-26 06:08:56.290 RMS VCO: 0.0000000  
 2014-04-26 06:08:56.290 Best VCO: 2201.41  
 2014-04-26 06:08:56.290 Seconds Since Track or Lock: 0.0  
 2014-04-26 06:08:56.290 Vco Control: 2202  
 2014-04-26 06:08:56.290 timing mode: external seascan  
 2014-04-26 06:08:56.290 tempco normal  
 2014-04-26 06:08:56.290 PLL update: 10s PLL lock criterion: 5us  
 2014-04-26 06:08:56.290 Pfrac: 150.00  
 2014-04-26 06:08:56.290 VCO slope: -0.0175000  
 2014-04-26 06:08:56.290 VCO intercept: 7.1100001  
 2014-04-26 06:08:56.290 Km delta: 600.0000000  
 2014-04-26 06:08:56.290 Logical Port 4 Status  
 2014-04-26 06:08:56.290 Data Packets Sent: 1984306  
 2014-04-26 06:08:56.290 Flood Packets Sent: 0  
 2014-04-26 06:08:56.290 Packets Re-Sent: 2602  
 2014-04-26 06:08:56.290 Sequence Errors: 0  
 2014-04-26 06:08:56.290 Packet Buffer Used: 24559652  
 2014-04-26 06:08:56.290 Physical Port: Ethernet  
 2014-04-26 06:08:56.290 Baler Model: 14 Software Version: 2.28  
 2014-04-26 06:08:56.290 MAC Address: 00:04:FB:00:02:EA  
 2014-04-26 06:08:56.290 Disk Size: 20000669696  
 2014-04-26 06:08:56.290 Percent of 1177 data files in use: 5.5  
 2014-04-26 06:08:56.290 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-26 06:08:56.290 Channel Sensitivities (uV per count):  
 2014-04-26 06:08:56.290 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-26 06:08:56.290 Digitizer Calibration Results:  
 2014-04-26 06:08:56.290 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-26 06:08:56.290 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-26 06:08:56.290 DMU1 Software Version=10  
 2014-04-26 06:08:56.290 Supply Voltage=12.6  
 2014-04-26 06:08:56.290 Supply Current=0.41  
 2014-04-26 06:08:56.290 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-26 06:08:56.290 webLink Data Maps Restored  
 2014-04-26 06:08:56.290 [2014-04-25 18:08:03.999998] sequence resumes: 1699393 to  
 1699393  
 2014-04-26 06:08:56.290 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-26 06:08:55  
 2014-04-26 06:11:55.230 [2014-04-26 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-04-26 06:15:04.950 [2014-04-26 06:15:04.999998] total packets received: 73613  
 2014-04-26 06:15:04.950 [2014-04-26 06:15:04.999998] command timeouts: 6  
 2014-04-26 06:15:04.950 [2014-04-26 06:15:04.999998] out of window: 55  
 2014-04-26 06:15:04.950 written: HHZ-1281 HH1-1518 HH2-1689 BDH-444 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-04-26 06:15:04.950 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-27 LH2-27 LDH-28  
 VMZ-1 VM1-1  
 2014-04-26 06:15:04.950 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-04-26 06:15:04.950 [2014-04-26 06:15:04.999998] Done: 5080 recs. seq end:  
 1743014. run: 365 s  
 2014-04-26 18:16:00.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-04-26 18:16:00.370 Control Port 2491 Opened  
 2014-04-26 18:16:00.370 Baler ready on Ethernet

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2014-04-26 18:16:00.370 Power Cycled Baler Acknowledged
2014-04-26 18:16:00.370 Commands Accepted by Q330
2014-04-26 18:16:00.370 Access timeout: 300 sec
2014-04-26 18:16:00.370 Control Port 4023 Opened
2014-04-26 18:16:00.370 Data Port 4024 Opened
2014-04-26 18:16:00.370 Registered with Q330
2014-04-26 18:16:00.370 Combination Record Received
2014-04-26 18:16:00.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-26 18:16:00.370 Link Reset, starting window sequence: 26004
2014-04-26 18:16:00.370 GPS Receiver ID Received
2014-04-26 18:16:00.370 Manufacturer's Data Received, Property Tag=2017
2014-04-26 18:16:00.370 Digitizer Gain & Offsets Received
2014-04-26 18:16:00.370 Msg From 192.168.200.119:Baler XX-2017 readback. 5080 recs.
seq end: 1743014
2014-04-26 18:16:00.370 Baler clock set to 2014-04-26 18:15:59
2014-04-26 18:16:00.370 Starting to Read DP Tokens
2014-04-26 18:16:00.370 DP Tokens loaded, size=1474 bytes
2014-04-26 18:16:00.370 Webserver advertising 192.168.200.119:5380
2014-04-26 18:16:00.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-26 18:16:00.370 filters & delay HH1:2@100,Linear all=0.320000
2014-04-26 18:16:00.370 filters & delay HH2:3@100,Linear all=0.320000
2014-04-26 18:16:00.370 filters & delay BDH:4@20,Linear all=1.650000
2014-04-26 18:16:00.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-26 18:16:00.370 filters & delay LH1:2@1,Linear all=15.000000
2014-04-26 18:16:00.370 filters & delay LH2:3@1,Linear all=15.000000
2014-04-26 18:16:00.370 filters & delay LDH:4@1,Linear all=15.000000
2014-04-26 18:16:00.370 [2014-04-26 06:15:04.999998] continuity found: 1743014
451808105.000000 Q=100
2014-04-26 18:16:00.370 [2014-04-26 06:15:04.999998] restoring continuity
2014-04-26 18:16:00.370 Sending DT_OPEN
2014-04-26 18:16:00.370 Station: XX-2017
2014-04-26 18:16:00.370 Q330 Serial Number: 0100000DB18FC351
2014-04-26 18:16:00.370 AMB Serial Number: 0100000B6909DD82
2014-04-26 18:16:00.370 Seismo 1 Serial Number: 0000000000000000
2014-04-26 18:16:00.370 Seismo 2 Serial Number: 0000000000000000
2014-04-26 18:16:00.370 QAPCHP 1 Serial Number: 4643206
2014-04-26 18:16:00.370 QAPCHP 2 Serial Number: 3743050
2014-04-26 18:16:00.370 KMI Property Tag Number: 2017
2014-04-26 18:16:00.370 System Software Version: 1.146
2014-04-26 18:16:00.370 Slave Processor Version: 1.11
2014-04-26 18:16:00.370 Calibrator Type: QCAL330
2014-04-26 18:16:00.370 Calibrator Version: 1.8
2014-04-26 18:16:00.370 Auxiliary Board Type: None
2014-04-26 18:16:00.370 Clock Type: Motorola M12
2014-04-26 18:16:00.370 PLD Version: 7.9
2014-04-26 18:16:00.370 Total Hours: 65638.69
2014-04-26 18:16:00.370 Power On Hours: 30269.07
2014-04-26 18:16:00.370 Time of Last Boot: 2014-04-06 02:03:58
2014-04-26 18:16:00.370 Total Number of Boots: 120
2014-04-26 18:16:00.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-26 18:16:00.370 Total Number of Re-Syncs: 213
2014-04-26 18:16:00.370 Status Inputs: 00000000
2014-04-26 18:16:00.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-26 18:16:00.370 Clock Quality: 100%
2014-04-26 18:16:00.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-26 18:16:00.370 Clock Phase: 0 usec. max allowed=50000
2014-04-26 18:16:00.370 Boom positions:
2014-04-26 18:16:00.370 ch1: -2 ch2: -20 ch3: 12 ch4: 20 ch5: 20 ch6: 20
2014-04-26 18:16:00.370 Analog Status
2014-04-26 18:16:00.370 Analog Positive Supply: 5.46V
2014-04-26 18:16:00.370 Input Voltage: 13.35V
2014-04-26 18:16:00.370 System Temperature: 5C
2014-04-26 18:16:00.370 Main Current: 62ma

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2014-04-26 18:16:00.370 Antenna Current: 0ma  
 2014-04-26 18:16:00.370 GPS Status  
 2014-04-26 18:16:00.370 Time: 18:15:59  
 2014-04-26 18:16:00.370 Date:  
 2014-04-26 18:16:00.370 Fix Type: 1-D  
 2014-04-26 18:16:00.370 Height:  
 2014-04-26 18:16:00.370 Latitude:  
 2014-04-26 18:16:00.370 Longitude:  
 2014-04-26 18:16:00.370 On Time: 0min  
 2014-04-26 18:16:00.370 Sat. Used: 0  
 2014-04-26 18:16:00.370 In View: 0  
 2014-04-26 18:16:00.370 Checksum Errors: 0  
 2014-04-26 18:16:00.370 Last GPS timemark: 2014-04-26 18:15:58  
 2014-04-26 18:16:00.370 PLL Status  
 2014-04-26 18:16:00.370 State: Lock  
 2014-04-26 18:16:00.370 Initial VCO: 2201.757324  
 2014-04-26 18:16:00.370 Time Error: 0.000000  
 2014-04-26 18:16:00.370 RMS VCO: 0.0000000  
 2014-04-26 18:16:00.370 Best VCO: 2201.83  
 2014-04-26 18:16:00.370 Seconds Since Track or Lock: 0.0  
 2014-04-26 18:16:00.370 Vco Control: 2202  
 2014-04-26 18:16:00.370 timing mode: external seascan  
 2014-04-26 18:16:00.370 tempco normal  
 2014-04-26 18:16:00.370 PLL update: 10s PLL lock criterion: 5us  
 2014-04-26 18:16:00.370 Pfrac: 150.00  
 2014-04-26 18:16:00.370 VCO slope: -0.0175000  
 2014-04-26 18:16:00.370 VCO intercept: 7.1100001  
 2014-04-26 18:16:00.370 Km delta: 600.0000000  
 2014-04-26 18:16:00.370 Logical Port 4 Status  
 2014-04-26 18:16:00.370 Data Packets Sent: 2057832  
 2014-04-26 18:16:00.370 Flood Packets Sent: 0  
 2014-04-26 18:16:00.370 Packets Re-Sent: 2673  
 2014-04-26 18:16:00.370 Sequence Errors: 0  
 2014-04-26 18:16:00.370 Packet Buffer Used: 25888028  
 2014-04-26 18:16:00.370 Physical Port: Ethernet  
 2014-04-26 18:16:00.370 Baler Model: 14 Software Version: 2.28  
 2014-04-26 18:16:00.370 MAC Address: 00:04:FB:00:02:EA  
 2014-04-26 18:16:00.370 Disk Size: 20000669696  
 2014-04-26 18:16:00.370 Percent of 1177 data files in use: 5.6  
 2014-04-26 18:16:00.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-26 18:16:00.370 Channel Sensitivities (uV per count):  
 2014-04-26 18:16:00.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-26 18:16:00.370 Digitizer Calibration Results:  
 2014-04-26 18:16:00.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-26 18:16:00.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-26 18:16:00.370 DMU1 Software Version=10  
 2014-04-26 18:16:00.370 Supply Voltage=12.7  
 2014-04-26 18:16:00.370 Supply Current=0.41  
 2014-04-26 18:16:00.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-26 18:16:00.370 WebLink Data Maps Restored  
 2014-04-26 18:16:00.370 [2014-04-26 06:15:04.999998] sequence resumes: 1743014 to 1743014  
 2014-04-26 18:16:00.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-26 18:15:59  
 2014-04-26 18:22:28.690 [2014-04-26 18:14:32.000000] total packets received: 84475  
 2014-04-26 18:22:28.690 [2014-04-26 18:14:32.000000] command timeouts: 6  
 2014-04-26 18:22:28.690 [2014-04-26 18:14:32.000000] out of window: 60  
 2014-04-26 18:22:28.690 written: HHZ-1320 HH1-1581 HH2-1842 BDH-451 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-04-26 18:22:28.690 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-29 LH2-29 LDH-37  
 VMZ-2 VM1-2  
 2014-04-26 18:22:28.690 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-04-26 18:22:28.690 [2014-04-26 18:14:32.000000] Done: 5356 recs. seq end:

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1786181. run: 385 s
2014-04-27 06:23:22.350
2014-04-27 06:23:22.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-27 06:23:22.350 Control Port 2491 Opened
2014-04-27 06:23:22.350 Baler ready on Ethernet
2014-04-27 06:23:22.350 Power Cycled Baler Acknowledged
2014-04-27 06:23:22.350 Commands Accepted by Q330
2014-04-27 06:23:22.350 Access timeout: 300 sec
2014-04-27 06:23:22.350 Control Port 4023 Opened
2014-04-27 06:23:22.350 Data Port 4024 Opened
2014-04-27 06:23:22.350 Registered with Q330
2014-04-27 06:23:22.350 Combination Record Received
2014-04-27 06:23:22.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-27 06:23:22.350 Link Reset, starting window sequence: 44844
2014-04-27 06:23:22.350 GPS Receiver ID Received
2014-04-27 06:23:22.350 Manufacturer's Data Received, Property Tag=2017
2014-04-27 06:23:22.350 Digitizer Gain & Offsets Received
2014-04-27 06:23:22.350 Msg From 192.168.200.119:Baler XX-2017 readback. 5356 recs.
seq end: 1786181
2014-04-27 06:23:22.350 Baler clock set to 2014-04-27 06:23:21
2014-04-27 06:23:22.350 Starting to Read DP Tokens
2014-04-27 06:23:22.350 DP Tokens loaded, size=1474 bytes
2014-04-27 06:23:22.350 webserver advertising 192.168.200.119:5380
2014-04-27 06:23:22.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-27 06:23:22.350 filters & delay HH1:2@100,Linear all=0.320000
2014-04-27 06:23:22.350 filters & delay HH2:3@100,Linear all=0.320000
2014-04-27 06:23:22.350 filters & delay BDH:4@20,Linear all=1.650000
2014-04-27 06:23:22.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-27 06:23:22.350 filters & delay LH1:2@1,Linear all=15.000000
2014-04-27 06:23:22.350 filters & delay LH2:3@1,Linear all=15.000000
2014-04-27 06:23:22.350 filters & delay LDH:4@1,Linear all=15.000000
2014-04-27 06:23:22.350 [2014-04-26 18:14:32.000000] continuity found: 1786181
451851272.000000 Q=100
2014-04-27 06:23:22.350 [2014-04-26 18:14:32.000000] restoring continuity
2014-04-27 06:23:22.350 Sending DT_OPEN
2014-04-27 06:23:22.350 Station: XX-2017
2014-04-27 06:23:22.350 Q330 Serial Number: 0100000DB18FC351
2014-04-27 06:23:22.350 AMB Serial Number: 0100000B6909DD82
2014-04-27 06:23:22.350 Seismo 1 Serial Number: 0000000000000000
2014-04-27 06:23:22.350 Seismo 2 Serial Number: 0000000000000000
2014-04-27 06:23:22.350 QAPCHP 1 Serial Number: 4643206
2014-04-27 06:23:22.350 QAPCHP 2 Serial Number: 3743050
2014-04-27 06:23:22.350 KMI Property Tag Number: 2017
2014-04-27 06:23:22.350 System Software Version: 1.146
2014-04-27 06:23:22.350 Slave Processor Version: 1.11
2014-04-27 06:23:22.350 Calibrator Type: QCAL330
2014-04-27 06:23:22.350 Calibrator Version: 1.8
2014-04-27 06:23:22.350 Auxiliary Board Type: None
2014-04-27 06:23:22.350 Clock Type: Motorola M12
2014-04-27 06:23:22.350 PLD Version: 7.9
2014-04-27 06:23:22.350 Total Hours: 65650.81
2014-04-27 06:23:22.350 Power On Hours: 30281.20
2014-04-27 06:23:22.350 Time of Last Boot: 2014-04-06 02:03:58
2014-04-27 06:23:22.350 Total Number of Boots: 120
2014-04-27 06:23:22.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-27 06:23:22.350 Total Number of Re-Syncs: 213
2014-04-27 06:23:22.350 Status Inputs: 00000000
2014-04-27 06:23:22.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-27 06:23:22.350 Clock Quality: 100%
2014-04-27 06:23:22.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-27 06:23:22.350 Clock Phase: 0 usec. max allowed=50000
2014-04-27 06:23:22.350 Boom positions:
2014-04-27 06:23:22.350 ch1: -2 ch2: -17 ch3: 8 ch4: 20 ch5: 20 ch6: 20

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2014-04-27 06:23:22.350 Analog Status
2014-04-27 06:23:22.350 Analog Positive Supply: 5.46v
2014-04-27 06:23:22.350 Input Voltage: 13.35v
2014-04-27 06:23:22.350 System Temperature: 5C
2014-04-27 06:23:22.350 Main Current: 61ma
2014-04-27 06:23:22.350 Antenna Current: 0ma
2014-04-27 06:23:22.350 GPS Status
2014-04-27 06:23:22.350 Time: 06:23:21
2014-04-27 06:23:22.350 Date:
2014-04-27 06:23:22.350 Fix Type: 1-D
2014-04-27 06:23:22.350 Height:
2014-04-27 06:23:22.350 Latitude:
2014-04-27 06:23:22.350 Longitude:
2014-04-27 06:23:22.350 On Time: 0min
2014-04-27 06:23:22.350 Sat. Used: 0
2014-04-27 06:23:22.350 In View: 0
2014-04-27 06:23:22.350 Checksum Errors: 0
2014-04-27 06:23:22.350 Last GPS timemark: 2014-04-27 06:23:20
2014-04-27 06:23:22.350 PLL Status
2014-04-27 06:23:22.350 State: Lock
2014-04-27 06:23:22.350 Initial VCO: 2201.496094
2014-04-27 06:23:22.350 Time Error: 0.000000
2014-04-27 06:23:22.350 RMS VCO: 0.0000000
2014-04-27 06:23:22.350 Seconds Since Track or Lock: 0.0
2014-04-27 06:23:22.350 Vco Control: 2201
2014-04-27 06:23:22.350 timing mode: external seascan
2014-04-27 06:23:22.350 tempco normal
2014-04-27 06:23:22.350 PLL update: 10s PLL lock criterion: 5us
2014-04-27 06:23:22.350 Pfrac: 150.00
2014-04-27 06:23:22.350 VCO slope: -0.0175000
2014-04-27 06:23:22.350 VCO intercept: 7.1100001
2014-04-27 06:23:22.350 Km delta: 600.0000000
2014-04-27 06:23:22.350 Logical Port 4 Status
2014-04-27 06:23:22.350 Data Packets Sent: 2142214
2014-04-27 06:23:22.350 Flood Packets Sent: 0
2014-04-27 06:23:22.350 Packets Re-Sent: 2752
2014-04-27 06:23:22.350 Sequence Errors: 0
2014-04-27 06:23:22.350 Packet Buffer Used: 22893576
2014-04-27 06:23:22.350 Physical Port: Ethernet
2014-04-27 06:23:22.350 Baler Model: 14 Software Version: 2.28
2014-04-27 06:23:22.350 MAC Address: 00:04:FB:00:02:EA
2014-04-27 06:23:22.350 Disk Size: 20000669696
2014-04-27 06:23:22.350 Percent of 1177 data files in use: 5.8
2014-04-27 06:23:22.350 Channels Enabled: 1234 Preamps ON channels:
2014-04-27 06:23:22.350 Channel Sensitivities (uV per count):
2014-04-27 06:23:22.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-27 06:23:22.350 Digitizer Calibration Results:
2014-04-27 06:23:22.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-27 06:23:22.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-27 06:23:22.350 DMU1 Software Version=10
2014-04-27 06:23:22.350 Supply Voltage=12.6
2014-04-27 06:23:22.350 Supply Current=0.41
2014-04-27 06:23:22.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-27 06:23:22.350 webLink Data Maps Restored
2014-04-27 06:23:22.350 [2014-04-26 18:14:32.000000] sequence resumes: 1786181 to
1786181
2014-04-27 06:23:22.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-27 06:23:21
2014-04-27 06:26:21.960 [2014-04-27 00:00:00.000000] Saving Configuration to Backup
Memory
2014-04-27 06:29:09.920 Reducing Status Polling Interval
2014-04-27 06:29:09.920 [2014-04-27 06:29:08.999998] total packets received: 55562
2014-04-27 06:29:09.920 [2014-04-27 06:29:08.999998] command timeouts: 6

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2014-04-27 06:29:09.920 [2014-04-27 06:29:08.999998] out of window: 71
2014-04-27 06:29:09.920 written: HHZ-1194 HH1-1417 HH2-1459 BDH-453 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-27 06:29:09.920 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-27 LH2-27 LDH-34
VMZ-2 VM1-2
2014-04-27 06:29:09.920 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-27 06:29:09.920 [2014-04-27 06:29:08.999998] Done: 4686 recs. seq end:
1830258. run: 343 s
2014-04-27 18:30:03.360
2014-04-27 18:30:03.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-27 18:30:03.360 Control Port 2491 Opened
2014-04-27 18:30:03.360 Baler ready on Ethernet
2014-04-27 18:30:03.360 Power Cycled Baler Acknowledged
2014-04-27 18:30:03.360 Commands Accepted by Q330
2014-04-27 18:30:03.360 Access timeout: 300 sec
2014-04-27 18:30:03.360 Control Port 4023 Opened
2014-04-27 18:30:03.360 Data Port 4024 Opened
2014-04-27 18:30:03.360 Registered with Q330
2014-04-27 18:30:03.360 Combination Record Received
2014-04-27 18:30:03.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-27 18:30:03.360 Link Reset, starting window sequence: 34763
2014-04-27 18:30:03.360 GPS Receiver ID Received
2014-04-27 18:30:03.360 Manufacturer's Data Received, Property Tag=2017
2014-04-27 18:30:03.360 Digitizer Gain & Offsets Received
2014-04-27 18:30:03.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4686 recs.
seq end: 1830258
2014-04-27 18:30:03.360 Baler clock set to 2014-04-27 18:30:02
2014-04-27 18:30:03.360 Starting to Read DP Tokens
2014-04-27 18:30:03.360 DP Tokens loaded, size=1474 bytes
2014-04-27 18:30:03.360 Webserver advertising 192.168.200.119:5380
2014-04-27 18:30:03.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-27 18:30:03.360 filters & delay HH1:2@100,Linear all=0.320000
2014-04-27 18:30:03.360 filters & delay HH2:3@100,Linear all=0.320000
2014-04-27 18:30:03.360 filters & delay BDH:4@20,Linear all=1.650000
2014-04-27 18:30:03.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-27 18:30:03.360 filters & delay LH1:2@1,Linear all=15.000000
2014-04-27 18:30:03.360 filters & delay LH2:3@1,Linear all=15.000000
2014-04-27 18:30:03.360 filters & delay LDH:4@1,Linear all=15.000000
2014-04-27 18:30:03.360 [2014-04-27 06:29:08.999998] continuity found: 1830258
451895349.000000 Q=100
2014-04-27 18:30:03.360 [2014-04-27 06:29:08.999998] restoring continuity
2014-04-27 18:30:03.360 Sending DT_OPEN
2014-04-27 18:30:03.360 Station: XX-2017
2014-04-27 18:30:03.360 Q330 Serial Number: 0100000DB18FC351
2014-04-27 18:30:03.360 AMB Serial Number: 0100000B6909DD82
2014-04-27 18:30:03.360 Seismo 1 Serial Number: 0000000000000000
2014-04-27 18:30:03.360 Seismo 2 Serial Number: 0000000000000000
2014-04-27 18:30:03.360 QAPCHP 1 Serial Number: 4643206
2014-04-27 18:30:03.360 QAPCHP 2 Serial Number: 3743050
2014-04-27 18:30:03.360 KMI Property Tag Number: 2017
2014-04-27 18:30:03.360 System Software Version: 1.146
2014-04-27 18:30:03.360 Slave Processor Version: 1.11
2014-04-27 18:30:03.360 Calibrator Type: QCAL330
2014-04-27 18:30:03.360 Calibrator Version: 1.8
2014-04-27 18:30:03.360 Auxiliary Board Type: None
2014-04-27 18:30:03.360 Clock Type: Motorola M12
2014-04-27 18:30:03.360 PLD Version: 7.9
2014-04-27 18:30:03.360 Total Hours: 65662.92
2014-04-27 18:30:03.360 Power On Hours: 30293.31
2014-04-27 18:30:03.360 Time of Last Boot: 2014-04-06 02:03:58
2014-04-27 18:30:03.360 Total Number of Boots: 120
2014-04-27 18:30:03.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-27 18:30:03.360 Total Number of Re-Syncs: 213

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2014-04-27 18:30:03.360 Status Inputs: 00000000  
 2014-04-27 18:30:03.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-27 18:30:03.360 Clock Quality: 100%  
 2014-04-27 18:30:03.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-27 18:30:03.360 Clock Phase: 0 usec. max allowed=50000  
 2014-04-27 18:30:03.360 Boom positions:  
 2014-04-27 18:30:03.360 Ch1: -1 ch2: -15 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-04-27 18:30:03.360 Analog Status  
 2014-04-27 18:30:03.360 Analog Positive Supply: 5.46V  
 2014-04-27 18:30:03.360 Input Voltage: 13.20V  
 2014-04-27 18:30:03.360 System Temperature: 5C  
 2014-04-27 18:30:03.360 Main Current: 61ma  
 2014-04-27 18:30:03.360 Antenna Current: 0ma  
 2014-04-27 18:30:03.360 GPS Status  
 2014-04-27 18:30:03.360 Time: 18:30:02  
 2014-04-27 18:30:03.360 Date:  
 2014-04-27 18:30:03.360 Fix Type: 1-D  
 2014-04-27 18:30:03.360 Height:  
 2014-04-27 18:30:03.360 Latitude:  
 2014-04-27 18:30:03.360 Longitude:  
 2014-04-27 18:30:03.360 On Time: 0min  
 2014-04-27 18:30:03.360 Sat. Used: 0  
 2014-04-27 18:30:03.360 In View: 0  
 2014-04-27 18:30:03.360 Checksum Errors: 0  
 2014-04-27 18:30:03.360 Last GPS timemark: 2014-04-27 18:30:01  
 2014-04-27 18:30:03.360 PLL Status  
 2014-04-27 18:30:03.360 State: Lock  
 2014-04-27 18:30:03.360 Initial VCO: 2200.132568  
 2014-04-27 18:30:03.360 Time Error: 0.000000  
 2014-04-27 18:30:03.360 RMS VCO: 0.0000000  
 2014-04-27 18:30:03.360 Best VCO: 2199.95  
 2014-04-27 18:30:03.360 Seconds Since Track or Lock: 0.0  
 2014-04-27 18:30:03.360 Vco Control: 2201  
 2014-04-27 18:30:03.360 timing mode: external seascan  
 2014-04-27 18:30:03.360 tempco normal  
 2014-04-27 18:30:03.360 PLL update: 10s PLL lock criterion: 5us  
 2014-04-27 18:30:03.360 Pfrac: 150.00  
 2014-04-27 18:30:03.360 VCO slope: -0.0175000  
 2014-04-27 18:30:03.360 VCO intercept: 7.1100001  
 2014-04-27 18:30:03.360 km delta: 600.0000000  
 2014-04-27 18:30:03.360 Logical Port 4 Status  
 2014-04-27 18:30:03.360 Data Packets Sent: 2197674  
 2014-04-27 18:30:03.360 Flood Packets Sent: 0  
 2014-04-27 18:30:03.360 Packets Re-Sent: 2838  
 2014-04-27 18:30:03.360 Sequence Errors: 0  
 2014-04-27 18:30:03.360 Packet Buffer Used: 21968732  
 2014-04-27 18:30:03.360 Physical Port: Ethernet  
 2014-04-27 18:30:03.360 Baler Model: 14 Software Version: 2.28  
 2014-04-27 18:30:03.360 MAC Address: 00:04:FB:00:02:EA  
 2014-04-27 18:30:03.360 Disk Size: 20000669696  
 2014-04-27 18:30:03.360 Percent of 1177 data files in use: 5.9  
 2014-04-27 18:30:03.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-27 18:30:03.360 Channel Sensitivities (uV per count):  
 2014-04-27 18:30:03.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-27 18:30:03.360 Digitizer Calibration Results:  
 2014-04-27 18:30:03.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-27 18:30:03.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-27 18:30:03.360 DMU1 Software Version=10  
 2014-04-27 18:30:03.360 Supply Voltage=12.7  
 2014-04-27 18:30:03.360 Supply Current=0.42  
 2014-04-27 18:30:03.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-27 18:30:03.360 WebLink Data Maps Restored  
 2014-04-27 18:30:03.360 [2014-04-27 06:29:08.999998] sequence resumes: 1830258 to

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1830258
2014-04-27 18:30:03.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-27 18:30:02
2014-04-27 18:35:32.260 Reducing Status Polling Interval
2014-04-27 18:35:32.260 [2014-04-27 18:35:30.999998] total packets received: 47519
2014-04-27 18:35:32.260 [2014-04-27 18:35:30.999998] command timeouts: 6
2014-04-27 18:35:32.260 [2014-04-27 18:35:30.999998] out of window: 60
2014-04-27 18:35:32.260 written: HHZ-1149 HH1-1337 HH2-1390 BDH-445 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-04-27 18:35:32.260 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-29
VMZ-1 VM1-1
2014-04-27 18:35:32.260 written: VM2-1 LOG-2 ACE-1 OCF-1
2014-04-27 18:35:32.260 [2014-04-27 18:35:30.999998] Done: 4460 recs. seq end:
1873840. run: 324 s
2014-04-28 06:36:24.330
2014-04-28 06:36:24.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-28 06:36:24.330 Control Port 2491 Opened
2014-04-28 06:36:24.330 Baler ready on Ethernet
2014-04-28 06:36:24.330 Power Cycled Baler Acknowledged
2014-04-28 06:36:24.330 Commands Accepted by Q330
2014-04-28 06:36:24.330 Access timeout: 300 sec
2014-04-28 06:36:24.330 Control Port 4023 Opened
2014-04-28 06:36:24.330 Data Port 4024 Opened
2014-04-28 06:36:24.330 Registered with Q330
2014-04-28 06:36:24.330 Combination Record Received
2014-04-28 06:36:24.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-28 06:36:24.330 Link Reset, starting window sequence: 16651
2014-04-28 06:36:24.330 GPS Receiver ID Received
2014-04-28 06:36:24.330 Manufacturer's Data Received, Property Tag=2017
2014-04-28 06:36:24.330 Digitizer Gain & Offsets Received
2014-04-28 06:36:24.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4460 recs.
seq end: 1873840
2014-04-28 06:36:24.330 Baler clock set to 2014-04-28 06:36:23
2014-04-28 06:36:24.330 Starting to Read DP Tokens
2014-04-28 06:36:24.330 DP Tokens loaded, size=1474 bytes
2014-04-28 06:36:24.330 Webserver advertising 192.168.200.119:5380
2014-04-28 06:36:24.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-28 06:36:24.330 filters & delay HH1:2@100,Linear all=0.320000
2014-04-28 06:36:24.330 filters & delay HH2:3@100,Linear all=0.320000
2014-04-28 06:36:24.330 filters & delay BDH:4@20,Linear all=1.650000
2014-04-28 06:36:24.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-28 06:36:24.330 filters & delay LH1:2@1,Linear all=15.000000
2014-04-28 06:36:24.330 filters & delay LH2:3@1,Linear all=15.000000
2014-04-28 06:36:24.330 filters & delay LDH:4@1,Linear all=15.000000
2014-04-28 06:36:24.330 [2014-04-27 18:35:30.999998] continuity found: 1873840
451938931.000000 Q=100
2014-04-28 06:36:24.330 Sending DT_OPEN
2014-04-28 06:36:24.330 Station: XX-2017
2014-04-28 06:36:24.330 Q330 Serial Number: 0100000DB18FC351
2014-04-28 06:36:24.330 AMB Serial Number: 0100000B6909DD82
2014-04-28 06:36:24.330 Seismo 1 Serial Number: 0000000000000000
2014-04-28 06:36:24.330 Seismo 2 Serial Number: 0000000000000000
2014-04-28 06:36:24.330 QAPCHP 1 Serial Number: 4643206
2014-04-28 06:36:24.330 QAPCHP 2 Serial Number: 3743050
2014-04-28 06:36:24.330 KMI Property Tag Number: 2017
2014-04-28 06:36:24.330 System Software Version: 1.146
2014-04-28 06:36:24.330 Slave Processor Version: 1.11
2014-04-28 06:36:24.330 Calibrator Type: QCAL330
2014-04-28 06:36:24.330 Calibrator Version: 1.8
2014-04-28 06:36:24.330 Auxiliary Board Type: None
2014-04-28 06:36:24.330 Clock Type: Motorola M12
2014-04-28 06:36:24.330 PLD Version: 7.9
2014-04-28 06:36:24.330 Total Hours: 65675.03

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2014-04-28 06:36:24.330 Power On Hours: 30305.41  
 2014-04-28 06:36:24.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-28 06:36:24.330 Total Number of Boots: 120  
 2014-04-28 06:36:24.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-28 06:36:24.330 Total Number of Re-Syncs: 213  
 2014-04-28 06:36:24.330 Status Inputs: 00000000  
 2014-04-28 06:36:24.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-28 06:36:24.330 Clock Quality: 100%  
 2014-04-28 06:36:24.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-28 06:36:24.330 Clock Phase: 0 usec. max allowed=50000  
 2014-04-28 06:36:24.330 Boom positions:  
 2014-04-28 06:36:24.330 Ch1: -2 Ch2: -15 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-04-28 06:36:24.330 Analog Status  
 2014-04-28 06:36:24.330 Analog Positive Supply: 5.46v  
 2014-04-28 06:36:24.330 Input Voltage: 13.35V  
 2014-04-28 06:36:24.330 System Temperature: 5C  
 2014-04-28 06:36:24.330 Main Current: 61ma  
 2014-04-28 06:36:24.330 Antenna Current: 0ma  
 2014-04-28 06:36:24.330 GPS Status  
 2014-04-28 06:36:24.330 Time: 06:36:23  
 2014-04-28 06:36:24.330 Date:  
 2014-04-28 06:36:24.330 Fix Type: 1-D  
 2014-04-28 06:36:24.330 Height:  
 2014-04-28 06:36:24.330 Latitude:  
 2014-04-28 06:36:24.330 Longitude:  
 2014-04-28 06:36:24.330 On Time: 0min  
 2014-04-28 06:36:24.330 Sat. Used: 0  
 2014-04-28 06:36:24.330 In View: 0  
 2014-04-28 06:36:24.330 Checksum Errors: 0  
 2014-04-28 06:36:24.330 Last GPS timemark: 2014-04-28 06:36:22  
 2014-04-28 06:36:24.330 PLL Status  
 2014-04-28 06:36:24.330 State: Lock  
 2014-04-28 06:36:24.330 Initial VCO: 2200.142822  
 2014-04-28 06:36:24.330 Time Error: 0.000000  
 2014-04-28 06:36:24.330 RMS VCO: 0.0000000  
 2014-04-28 06:36:24.330 Best VCO: 2200.10  
 2014-04-28 06:36:24.330 Seconds Since Track or Lock: 0.0  
 2014-04-28 06:36:24.330 Vco Control: 2200  
 2014-04-28 06:36:24.330 timing mode: external seascan  
 2014-04-28 06:36:24.330 tempco normal  
 2014-04-28 06:36:24.330 PLL update: 10s PLL lock criterion: 5us  
 2014-04-28 06:36:24.330 Pfrac: 150.00  
 2014-04-28 06:36:24.330 VCO slope: -0.0175000  
 2014-04-28 06:36:24.330 VCO intercept: 7.1100001  
 2014-04-28 06:36:24.330 Km delta: 600.0000000  
 2014-04-28 06:36:24.330 Logical Port 4 Status  
 2014-04-28 06:36:24.330 Data Packets Sent: 2245103  
 2014-04-28 06:36:24.330 Flood Packets Sent: 0  
 2014-04-28 06:36:24.330 Packets Re-Sent: 2910  
 2014-04-28 06:36:24.330 Sequence Errors: 0  
 2014-04-28 06:36:24.330 Packet Buffer Used: 21974820  
 2014-04-28 06:36:24.330 Physical Port: Ethernet  
 2014-04-28 06:36:24.330 Baler Model: 14 Software Version: 2.28  
 2014-04-28 06:36:24.330 MAC Address: 00:04:FB:00:02:EA  
 2014-04-28 06:36:24.330 Disk Size: 20000669696  
 2014-04-28 06:36:24.330 Percent of 1177 data files in use: 5.9  
 2014-04-28 06:36:24.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-28 06:36:24.330 Channel Sensitivities (uV per count):  
 2014-04-28 06:36:24.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-28 06:36:24.330 Digitizer Calibration Results:  
 2014-04-28 06:36:24.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-28 06:36:24.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-28 06:36:24.330 DMU1 Software Version=10

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2014-04-28 06:36:24.330 Supply Voltage=12.7
2014-04-28 06:36:24.330 Supply Current=0.41
2014-04-28 06:36:24.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-28 06:36:24.330 WebLink Data Maps Restored
2014-04-28 06:36:24.330 [2014-04-27 18:35:30.999998] sequence resumes: 1873840 to
1873840
2014-04-28 06:36:24.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-28 06:36:23
2014-04-28 06:38:43.070 [2014-04-28 00:00:00.000001] Saving Configuration to Backup
Memory
2014-04-28 06:41:56.020 [2014-04-28 06:36:02.000000] total packets received: 45504
2014-04-28 06:41:56.020 [2014-04-28 06:36:02.000000] command timeouts: 6
2014-04-28 06:41:56.020 [2014-04-28 06:36:02.000000] out of window: 77
2014-04-28 06:41:56.020 written: HHZ-1137 HH1-1348 HH2-1369 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-28 06:41:56.020 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-04-28 06:41:56.020 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-04-28 06:41:56.020 [2014-04-28 06:36:02.000000] Done: 4432 recs. seq end:
1917071. run: 325 s
2014-04-28 18:42:47.320
2014-04-28 18:42:47.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-28 18:42:47.320 Control Port 2491 Opened
2014-04-28 18:42:47.320 Baler ready on Ethernet
2014-04-28 18:42:47.320 Power Cycled Baler Acknowledged
2014-04-28 18:42:47.320 Commands Accepted by Q330
2014-04-28 18:42:47.320 Access timeout: 300 sec
2014-04-28 18:42:47.320 Control Port 4023 Opened
2014-04-28 18:42:47.320 Data Port 4024 Opened
2014-04-28 18:42:47.320 Registered with Q330
2014-04-28 18:42:47.320 Combination Record Received
2014-04-28 18:42:47.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-28 18:42:47.320 Link Reset, starting window sequence: 62042
2014-04-28 18:42:47.320 GPS Receiver ID Received
2014-04-28 18:42:47.320 Manufacturer's Data Received, Property Tag=2017
2014-04-28 18:42:47.320 Digitizer Gain & Offsets Received
2014-04-28 18:42:47.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4432 recs.
seq end: 1917071
2014-04-28 18:42:47.320 Baler clock set to 2014-04-28 18:42:46
2014-04-28 18:42:47.320 Starting to Read DP Tokens
2014-04-28 18:42:47.320 DP Tokens loaded, size=1474 bytes
2014-04-28 18:42:47.320 Webserver advertising 192.168.200.119:5380
2014-04-28 18:42:47.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-28 18:42:47.320 filters & delay HH1:2@100,Linear all=0.320000
2014-04-28 18:42:47.320 filters & delay HH2:3@100,Linear all=0.320000
2014-04-28 18:42:47.320 filters & delay BDH:4@20,Linear all=1.650000
2014-04-28 18:42:47.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-28 18:42:47.320 filters & delay LH1:2@1,Linear all=15.000000
2014-04-28 18:42:47.320 filters & delay LH2:3@1,Linear all=15.000000
2014-04-28 18:42:47.320 filters & delay LDH:4@1,Linear all=15.000000
2014-04-28 18:42:47.320 [2014-04-28 06:36:02.000000] continuity found: 1917071
451982162.000000 Q=100
2014-04-28 18:42:47.320 [2014-04-28 06:36:02.000000] restoring continuity
2014-04-28 18:42:47.320 Sending DT_OPEN
2014-04-28 18:42:47.320 Station: XX-2017
2014-04-28 18:42:47.320 Q330 Serial Number: 0100000DB18FC351
2014-04-28 18:42:47.320 AMB Serial Number: 0100000B6909DD82
2014-04-28 18:42:47.320 Seismo 1 Serial Number: 0000000000000000
2014-04-28 18:42:47.320 Seismo 2 Serial Number: 0000000000000000
2014-04-28 18:42:47.320 QAPCHP 1 Serial Number: 4643206
2014-04-28 18:42:47.320 QAPCHP 2 Serial Number: 3743050
2014-04-28 18:42:47.320 KMI Property Tag Number: 2017
2014-04-28 18:42:47.320 System Software Version: 1.146

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2014-04-28 18:42:47.320 Slave Processor Version: 1.11  
 2014-04-28 18:42:47.320 Calibrator Type: QCAL330  
 2014-04-28 18:42:47.320 Calibrator Version: 1.8  
 2014-04-28 18:42:47.320 Auxiliary Board Type: None  
 2014-04-28 18:42:47.320 Clock Type: Motorola M12  
 2014-04-28 18:42:47.320 PLD Version: 7.9  
 2014-04-28 18:42:47.320 Total Hours: 65687.13  
 2014-04-28 18:42:47.320 Power On Hours: 30317.52  
 2014-04-28 18:42:47.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-04-28 18:42:47.320 Total Number of Boots: 120  
 2014-04-28 18:42:47.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-04-28 18:42:47.320 Total Number of Re-Syncs: 213  
 2014-04-28 18:42:47.320 Status Inputs: 00000000  
 2014-04-28 18:42:47.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-04-28 18:42:47.320 Clock Quality: 100%  
 2014-04-28 18:42:47.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-04-28 18:42:47.320 Clock Phase: 0 usec. max allowed=50000  
 2014-04-28 18:42:47.320 Boom positions:  
 2014-04-28 18:42:47.320 ch1: -2 ch2: -17 ch3: -6 ch4: 20 ch5: 20 ch6: 20  
 2014-04-28 18:42:47.320 Analog Status  
 2014-04-28 18:42:47.320 Analog Positive Supply: 5.46V  
 2014-04-28 18:42:47.320 Input Voltage: 13.20V  
 2014-04-28 18:42:47.320 System Temperature: 5C  
 2014-04-28 18:42:47.320 Main Current: 62ma  
 2014-04-28 18:42:47.320 Antenna Current: 0ma  
 2014-04-28 18:42:47.320 GPS Status  
 2014-04-28 18:42:47.320 Time: 18:42:45  
 2014-04-28 18:42:47.320 Date:  
 2014-04-28 18:42:47.320 Fix Type: 1-D  
 2014-04-28 18:42:47.320 Height:  
 2014-04-28 18:42:47.320 Latitude:  
 2014-04-28 18:42:47.320 Longitude:  
 2014-04-28 18:42:47.320 On Time: 0min  
 2014-04-28 18:42:47.320 Sat. Used: 0  
 2014-04-28 18:42:47.320 In View: 0  
 2014-04-28 18:42:47.320 Checksum Errors: 0  
 2014-04-28 18:42:47.320 Last GPS timemark: 2014-04-28 18:42:44  
 2014-04-28 18:42:47.320 PLL Status  
 2014-04-28 18:42:47.320 State: Lock  
 2014-04-28 18:42:47.320 Initial VCO: 2200.263916  
 2014-04-28 18:42:47.320 Time Error: 0.000000  
 2014-04-28 18:42:47.320 RMS VCO: 0.0000000  
 2014-04-28 18:42:47.320 Best VCO: 2200.39  
 2014-04-28 18:42:47.320 Seconds Since Track or Lock: 0.0  
 2014-04-28 18:42:47.320 Vco Control: 2201  
 2014-04-28 18:42:47.320 timing mode: external seascan  
 2014-04-28 18:42:47.320 tempco normal  
 2014-04-28 18:42:47.320 PLL update: 10s PLL lock criterion: 5us  
 2014-04-28 18:42:47.320 Pfrac: 150.00  
 2014-04-28 18:42:47.320 VCO slope: -0.0175000  
 2014-04-28 18:42:47.320 VCO intercept: 7.1100001  
 2014-04-28 18:42:47.320 km delta: 600.0000000  
 2014-04-28 18:42:47.320 Logical Port 4 Status  
 2014-04-28 18:42:47.320 Data Packets Sent: 2290500  
 2014-04-28 18:42:47.320 Flood Packets Sent: 0  
 2014-04-28 18:42:47.320 Packets Re-Sent: 3004  
 2014-04-28 18:42:47.320 Sequence Errors: 0  
 2014-04-28 18:42:47.320 Packet Buffer Used: 24143792  
 2014-04-28 18:42:47.320 Physical Port: Ethernet  
 2014-04-28 18:42:47.320 Baler Model: 14 Software Version: 2.28  
 2014-04-28 18:42:47.320 MAC Address: 00:04:FB:00:02:EA  
 2014-04-28 18:42:47.320 Disk Size: 20000669696  
 2014-04-28 18:42:47.320 Percent of 1177 data files in use: 6.1

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2014-04-28 18:42:47.320 Channels Enabled: 1234 Preamps ON channels:
2014-04-28 18:42:47.320 Channel Sensitivities (uV per count):
2014-04-28 18:42:47.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-28 18:42:47.320 Digitizer Calibration Results:
2014-04-28 18:42:47.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-28 18:42:47.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-28 18:42:47.320 DMU1 Software Version=10
2014-04-28 18:42:47.320 Supply Voltage=12.6
2014-04-28 18:42:47.320 Supply Current=0.42
2014-04-28 18:42:47.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-28 18:42:47.320 webLink Data Maps Restored
2014-04-28 18:42:47.320 [2014-04-28 06:36:02.000000] sequence resumes overlapping:
1917071 to 1917070
2014-04-28 18:42:47.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-04-28 18:42:46
2014-04-28 18:48:51.640 [2014-04-28 18:48:50.000000] total packets received: 65398
2014-04-28 18:48:51.640 [2014-04-28 18:48:50.000000] command timeouts: 6
2014-04-28 18:48:51.640 [2014-04-28 18:48:50.000000] out of window: 64
2014-04-28 18:48:51.640 written: HHZ-1271 HH1-1555 HH2-1582 BDH-431 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-04-28 18:48:51.640 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-28 LH2-29 LDH-25
VMZ-2 VM1-2
2014-04-28 18:48:51.640 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2
2014-04-28 18:48:51.640 [2014-04-28 18:48:50.000000] Done: 4992 recs. seq end:
1961039. run: 360 s
2014-04-29 06:49:45.360
2014-04-29 06:49:45.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-29 06:49:45.360 Control Port 2491 Opened
2014-04-29 06:49:45.360 Baler ready on Ethernet
2014-04-29 06:49:45.360 Power Cycled Baler Acknowledged
2014-04-29 06:49:45.360 Commands Accepted by Q330
2014-04-29 06:49:45.360 Access timeout: 300 sec
2014-04-29 06:49:45.360 Control Port 4023 Opened
2014-04-29 06:49:45.360 Data Port 4024 Opened
2014-04-29 06:49:45.360 Registered with Q330
2014-04-29 06:49:45.360 Combination Record Received
2014-04-29 06:49:45.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-04-29 06:49:45.360 Link Reset, starting window sequence: 61802
2014-04-29 06:49:45.360 GPS Receiver ID Received
2014-04-29 06:49:45.360 Manufacturer's Data Received, Property Tag=2017
2014-04-29 06:49:45.360 Digitizer Gain & Offsets Received
2014-04-29 06:49:45.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4992 recs.
seq end: 1961039
2014-04-29 06:49:45.360 Baler clock set to 2014-04-29 06:49:44
2014-04-29 06:49:45.360 Starting to Read DP Tokens
2014-04-29 06:49:45.360 DP Tokens loaded, size=1474 bytes
2014-04-29 06:49:45.360 webserver advertising 192.168.200.119:5380
2014-04-29 06:49:45.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-29 06:49:45.360 filters & delay HH1:2@100,Linear all=0.320000
2014-04-29 06:49:45.360 filters & delay HH2:3@100,Linear all=0.320000
2014-04-29 06:49:45.360 filters & delay BDH:4@20,Linear all=1.650000
2014-04-29 06:49:45.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-29 06:49:45.360 filters & delay LH1:2@1,Linear all=15.000000
2014-04-29 06:49:45.360 filters & delay LH2:3@1,Linear all=15.000000
2014-04-29 06:49:45.360 filters & delay LDH:4@1,Linear all=15.000000
2014-04-29 06:49:45.360 [2014-04-28 18:48:50.000000] continuity found: 1961039
452026130.000000 Q=100
2014-04-29 06:49:45.360 [2014-04-28 18:48:50.000000] restoring continuity
2014-04-29 06:49:45.360 Sending DT_OPEN
2014-04-29 06:49:45.360 Station: XX-2017
2014-04-29 06:49:45.360 Q330 Serial Number: 0100000DB18FC351
2014-04-29 06:49:45.360 AMB Serial Number: 0100000B6909DD82
2014-04-29 06:49:45.360 Seismo 1 Serial Number: 0000000000000000

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2014-04-29 06:49:45.360 Seismo 2 Serial Number: 0000000000000000
2014-04-29 06:49:45.360 QAPCHP 1 Serial Number: 4643206
2014-04-29 06:49:45.360 QAPCHP 2 Serial Number: 3743050
2014-04-29 06:49:45.360 KMI Property Tag Number: 2017
2014-04-29 06:49:45.360 System Software Version: 1.146
2014-04-29 06:49:45.360 Slave Processor Version: 1.11
2014-04-29 06:49:45.360 Calibrator Type: QCAL330
2014-04-29 06:49:45.360 Calibrator Version: 1.8
2014-04-29 06:49:45.360 Auxiliary Board Type: None
2014-04-29 06:49:45.360 Clock Type: Motorola M12
2014-04-29 06:49:45.360 PLD Version: 7.9
2014-04-29 06:49:45.360 Total Hours: 65699.25
2014-04-29 06:49:45.360 Power On Hours: 30329.64
2014-04-29 06:49:45.360 Time of Last Boot: 2014-04-06 02:03:58
2014-04-29 06:49:45.360 Total Number of Boots: 120
2014-04-29 06:49:45.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-29 06:49:45.360 Total Number of Re-Syncs: 213
2014-04-29 06:49:45.360 Status Inputs: 00000000
2014-04-29 06:49:45.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-04-29 06:49:45.360 Clock Quality: 100%
2014-04-29 06:49:45.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-29 06:49:45.360 Clock Phase: 0 usec. max allowed=50000
2014-04-29 06:49:45.360 Boom positions:
2014-04-29 06:49:45.360 Ch1: -2 Ch2: -17 Ch3: -11 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-29 06:49:45.360 Analog Status
2014-04-29 06:49:45.360 Analog Positive Supply: 5.46v
2014-04-29 06:49:45.360 Input Voltage: 13.20V
2014-04-29 06:49:45.360 System Temperature: 5C
2014-04-29 06:49:45.360 Main Current: 62ma
2014-04-29 06:49:45.360 Antenna Current: 0ma
2014-04-29 06:49:45.360 GPS Status
2014-04-29 06:49:45.360 Time: 06:49:44
2014-04-29 06:49:45.360 Date:
2014-04-29 06:49:45.360 Fix Type: 1-D
2014-04-29 06:49:45.360 Height:
2014-04-29 06:49:45.360 Latitude:
2014-04-29 06:49:45.360 Longitude:
2014-04-29 06:49:45.360 On Time: 0min
2014-04-29 06:49:45.360 Sat. Used: 0
2014-04-29 06:49:45.360 In View: 0
2014-04-29 06:49:45.360 Checksum Errors: 0
2014-04-29 06:49:45.360 Last GPS timemark: 2014-04-29 06:49:43
2014-04-29 06:49:45.360 PLL Status
2014-04-29 06:49:45.360 State: Lock
2014-04-29 06:49:45.360 Initial VCO: 2201.299072
2014-04-29 06:49:45.360 Time Error: 0.000000
2014-04-29 06:49:45.360 RMS VCO: 0.000000
2014-04-29 06:49:45.360 Best VCO: 2201.23
2014-04-29 06:49:45.360 Seconds Since Track or Lock: 0.0
2014-04-29 06:49:45.360 Vco Control: 2202
2014-04-29 06:49:45.360 timing mode: external seascan
2014-04-29 06:49:45.360 tempco normal
2014-04-29 06:49:45.360 PLL update: 10s PLL lock criterion: 5us
2014-04-29 06:49:45.360 Pfrac: 150.00
2014-04-29 06:49:45.360 VCO slope: -0.0175000
2014-04-29 06:49:45.360 VCO intercept: 7.1100001
2014-04-29 06:49:45.360 km delta: 600.0000000
2014-04-29 06:49:45.360 Logical Port 4 Status
2014-04-29 06:49:45.360 Data Packets Sent: 2355802
2014-04-29 06:49:45.360 Flood Packets Sent: 0
2014-04-29 06:49:45.360 Packets Re-Sent: 3085
2014-04-29 06:49:45.360 Sequence Errors: 0
2014-04-29 06:49:45.360 Packet Buffer Used: 25168940

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2014-04-29 06:49:45.360 Physical Port: Ethernet  
 2014-04-29 06:49:45.360 Baler Model: 14 Software Version: 2.28  
 2014-04-29 06:49:45.360 MAC Address: 00:04:FB:00:02:EA  
 2014-04-29 06:49:45.360 Disk Size: 20000669696  
 2014-04-29 06:49:45.360 Percent of 1177 data files in use: 6.1  
 2014-04-29 06:49:45.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-29 06:49:45.360 Channel Sensitivities (uV per count):  
 2014-04-29 06:49:45.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-29 06:49:45.360 Digitizer Calibration Results:  
 2014-04-29 06:49:45.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-29 06:49:45.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-29 06:49:45.360 DMU1 Software Version=10  
 2014-04-29 06:49:45.360 Supply Voltage=12.7  
 2014-04-29 06:49:45.360 Supply Current=0.40  
 2014-04-29 06:49:45.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-29 06:49:45.360 WebLink Data Maps Restored  
 2014-04-29 06:49:45.360 [2014-04-28 18:48:50.000000] sequence resumes: 1961039 to 1961039  
 2014-04-29 06:49:45.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-04-29 06:49:44  
 2014-04-29 06:52:28.320 [2014-04-29 00:00:00.000000] saving Configuration to Backup Memory  
 2014-04-29 06:55:54.350 [2014-04-29 06:48:49.000001] total packets received: 74311  
 2014-04-29 06:55:54.350 [2014-04-29 06:48:49.000001] command timeouts: 6  
 2014-04-29 06:55:54.350 [2014-04-29 06:48:49.000001] out of window: 51  
 2014-04-29 06:55:54.350 written: HHZ-1338 HH1-1611 HH2-1657 BDH-433 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-04-29 06:55:54.350 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-29 LH2-30 LDH-24  
 VMZ-1 VM1-1  
 2014-04-29 06:55:54.350 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-04-29 06:55:54.350 [2014-04-29 06:48:49.000001] Done: 5185 recs. seq end:  
 2004238. run: 365 s  
 2014-04-29 18:56:49.330  
 2014-04-29 18:56:49.330 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-04-29 18:56:49.330 Control Port 2491 Opened  
 2014-04-29 18:56:49.330 Baler ready on Ethernet  
 2014-04-29 18:56:49.330 Power Cycled Baler Acknowledged  
 2014-04-29 18:56:49.330 Commands Accepted by Q330  
 2014-04-29 18:56:49.330 Access timeout: 300 sec  
 2014-04-29 18:56:49.330 Control Port 4023 Opened  
 2014-04-29 18:56:49.330 Data Port 4024 Opened  
 2014-04-29 18:56:49.330 Registered with Q330  
 2014-04-29 18:56:49.330 Combination Record Received  
 2014-04-29 18:56:49.330 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-04-29 18:56:49.330 Link Reset, starting window sequence: 4951  
 2014-04-29 18:56:49.330 GPS Receiver ID Received  
 2014-04-29 18:56:49.330 Manufacturer's Data Received, Property Tag=2017  
 2014-04-29 18:56:49.330 Digitizer Gain & Offsets Received  
 2014-04-29 18:56:49.330 Msg From 192.168.200.119:Baler XX-2017 readback. 5185 recs.  
 seq end: 2004238  
 2014-04-29 18:56:49.330 Baler clock set to 2014-04-29 18:56:48  
 2014-04-29 18:56:49.330 Starting to Read DP Tokens  
 2014-04-29 18:56:49.330 DP Tokens loaded, size=1474 bytes  
 2014-04-29 18:56:49.330 webserver advertising 192.168.200.119:5380  
 2014-04-29 18:56:49.330 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-04-29 18:56:49.330 filters & delay HH1:2@100,Linear all=0.320000  
 2014-04-29 18:56:49.330 filters & delay HH2:3@100,Linear all=0.320000  
 2014-04-29 18:56:49.330 filters & delay BDH:4@20,Linear all=1.650000  
 2014-04-29 18:56:49.330 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-04-29 18:56:49.330 filters & delay LH1:2@1,Linear all=15.000000  
 2014-04-29 18:56:49.330 filters & delay LH2:3@1,Linear all=15.000000  
 2014-04-29 18:56:49.330 filters & delay LDH:4@1,Linear all=15.000000  
 2014-04-29 18:56:49.330 [2014-04-29 06:48:49.000001] continuity found: 2004238

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452069329.000000 Q=100
2014-04-29 18:56:49.330 [2014-04-29 06:48:49.000001] restoring continuity
2014-04-29 18:56:49.330 Sending DT_OPEN
2014-04-29 18:56:49.330 Station: XX-2017
2014-04-29 18:56:49.330 Q330 Serial Number: 0100000DB18FC351
2014-04-29 18:56:49.330 AMB Serial Number: 0100000B6909DD82
2014-04-29 18:56:49.330 Seismo 1 Serial Number: 0000000000000000
2014-04-29 18:56:49.330 Seismo 2 Serial Number: 0000000000000000
2014-04-29 18:56:49.330 QAPCHP 1 Serial Number: 4643206
2014-04-29 18:56:49.330 QAPCHP 2 Serial Number: 3743050
2014-04-29 18:56:49.330 KMI Property Tag Number: 2017
2014-04-29 18:56:49.330 System Software Version: 1.146
2014-04-29 18:56:49.330 Slave Processor Version: 1.11
2014-04-29 18:56:49.330 Calibrator Type: QCAL330
2014-04-29 18:56:49.330 Calibrator Version: 1.8
2014-04-29 18:56:49.330 Auxiliary Board Type: None
2014-04-29 18:56:49.330 Clock Type: Motorola M12
2014-04-29 18:56:49.330 PLD Version: 7.9
2014-04-29 18:56:49.330 Total Hours: 65711.37
2014-04-29 18:56:49.330 Power On Hours: 30341.75
2014-04-29 18:56:49.330 Time of Last Boot: 2014-04-06 02:03:58
2014-04-29 18:56:49.330 Total Number of Boots: 120
2014-04-29 18:56:49.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-29 18:56:49.330 Total Number of Re-Syncs: 213
2014-04-29 18:56:49.330 Status Inputs: 00000000
2014-04-29 18:56:49.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-29 18:56:49.330 Clock Quality: 100%
2014-04-29 18:56:49.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-29 18:56:49.330 Clock Phase: 0 usec. max allowed=50000
2014-04-29 18:56:49.330 Boom positions:
2014-04-29 18:56:49.330 Ch1: -2 Ch2: -17 Ch3: -9 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-29 18:56:49.330 Analog Status
2014-04-29 18:56:49.330 Analog Positive Supply: 5.46V
2014-04-29 18:56:49.330 Input Voltage: 13.35V
2014-04-29 18:56:49.330 System Temperature: 5C
2014-04-29 18:56:49.330 Main Current: 61ma
2014-04-29 18:56:49.330 Antenna Current: 0ma
2014-04-29 18:56:49.330 GPS Status
2014-04-29 18:56:49.330 Date:
2014-04-29 18:56:49.330 Fix Type: 1-D
2014-04-29 18:56:49.330 Height:
2014-04-29 18:56:49.330 Latitude:
2014-04-29 18:56:49.330 Longitude:
2014-04-29 18:56:49.330 On Time: 0min
2014-04-29 18:56:49.330 Sat. Used: 0
2014-04-29 18:56:49.330 In View: 0
2014-04-29 18:56:49.330 Checksum Errors: 0
2014-04-29 18:56:49.330 Last GPS timemark: 2014-04-29 18:56:47
2014-04-29 18:56:49.330 PLL Status
2014-04-29 18:56:49.330 State: Lock
2014-04-29 18:56:49.330 Initial VCO: 2201.318848
2014-04-29 18:56:49.330 Time Error: 0.000000
2014-04-29 18:56:49.330 RMS VCO: 0.000000
2014-04-29 18:56:49.330 Best VCO: 2201.36
2014-04-29 18:56:49.330 Seconds Since Track or Lock: 0.0
2014-04-29 18:56:49.330 Vco Control: 2201
2014-04-29 18:56:49.330 timing mode: external seascan
2014-04-29 18:56:49.330 tempco normal
2014-04-29 18:56:49.330 PLL update: 10s PLL lock criterion: 5us
2014-04-29 18:56:49.330 Pfrac: 150.00
2014-04-29 18:56:49.330 VCO slope: -0.0175000
2014-04-29 18:56:49.330 VCO intercept: 7.1100001
2014-04-29 18:56:49.330 km delta: 600.000000

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2014-04-29 18:56:49.330 Logical Port 4 Status
2014-04-29 18:56:49.330 Data Packets Sent: 2430030
2014-04-29 18:56:49.330 Flood Packets Sent: 0
2014-04-29 18:56:49.330 Packets Re-Sent: 3156
2014-04-29 18:56:49.330 Sequence Errors: 0
2014-04-29 18:56:49.330 Packet Buffer Used: 23369880
2014-04-29 18:56:49.330 Physical Port: Ethernet
2014-04-29 18:56:49.330 Baler Model: 14 Software Version: 2.28
2014-04-29 18:56:49.330 MAC Address: 00:04:FB:00:02:EA
2014-04-29 18:56:49.330 Disk Size: 20000669696
2014-04-29 18:56:49.330 Percent of 1177 data files in use: 6.2
2014-04-29 18:56:49.330 Channels Enabled: 1234 Preamps ON channels:
2014-04-29 18:56:49.330 Channel Sensitivities (uV per count):
2014-04-29 18:56:49.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-04-29 18:56:49.330 Digitizer Calibration Results:
2014-04-29 18:56:49.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-04-29 18:56:49.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-04-29 18:56:49.330 DMU1 Software Version=10
2014-04-29 18:56:49.330 Supply Voltage=12.7
2014-04-29 18:56:49.330 Supply Current=0.40
2014-04-29 18:56:49.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-04-29 18:56:49.330 WebLink Data Maps Restored
2014-04-29 18:56:49.330 [2014-04-29 06:48:49.000001] sequence resumes overlapping:
2004238 to 2004237
2014-04-29 18:56:49.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-04-29 18:56:48
2014-04-29 19:02:37.610 Reducing Status Polling Interval
2014-04-29 19:02:37.610 [2014-04-29 19:02:36.999998] total packets received: 56138
2014-04-29 19:02:37.610 [2014-04-29 19:02:36.999998] command timeouts: 6
2014-04-29 19:02:37.610 [2014-04-29 19:02:36.999998] out of window: 61
2014-04-29 19:02:37.610 written: HHZ-1214 HH1-1475 HH2-1508 BDH-451 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-04-29 19:02:37.610 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-28 LDH-25
VMZ-2 VM1-2
2014-04-29 19:02:37.610 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2
2014-04-29 19:02:37.610 [2014-04-29 19:02:36.999998] Done: 4798 recs. seq end:
2048266. run: 343 s
2014-04-30 07:03:30.340
2014-04-30 07:03:30.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-04-30 07:03:30.340 Control Port 2491 Opened
2014-04-30 07:03:30.340 Baler ready on Ethernet
2014-04-30 07:03:30.340 Power Cycled Baler Acknowledged
2014-04-30 07:03:30.340 Commands Accepted by Q330
2014-04-30 07:03:30.340 Access timeout: 300 sec
2014-04-30 07:03:30.340 Control Port 4023 Opened
2014-04-30 07:03:30.340 Data Port 4024 Opened
2014-04-30 07:03:30.340 Registered with Q330
2014-04-30 07:03:30.340 Combination Record Received
2014-04-30 07:03:30.340 Window=4 Min. Timeout=10 Max. Timeout=30
2014-04-30 07:03:30.340 Link Reset, starting window sequence: 60992
2014-04-30 07:03:30.340 GPS Receiver ID Received
2014-04-30 07:03:30.340 Manufacturer's Data Received, Property Tag=2017
2014-04-30 07:03:30.340 Digitizer Gain & Offsets Received
2014-04-30 07:03:30.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4798 recs.
seq end: 2048266
2014-04-30 07:03:30.340 Baler clock set to 2014-04-30 07:03:29
2014-04-30 07:03:30.340 Starting to Read DP Tokens
2014-04-30 07:03:30.340 DP Tokens loaded, size=1474 bytes
2014-04-30 07:03:30.340 webserver advertising 192.168.200.119:5380
2014-04-30 07:03:30.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-30 07:03:30.340 filters & delay HH1:2@100,Linear all=0.320000
2014-04-30 07:03:30.340 filters & delay HH2:3@100,Linear all=0.320000
2014-04-30 07:03:30.340 filters & delay BDH:4@20,Linear all=1.650000

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2014-04-30 07:03:30.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-30 07:03:30.340 filters & delay LH1:2@1,Linear all=15.000000
2014-04-30 07:03:30.340 filters & delay LH2:3@1,Linear all=15.000000
2014-04-30 07:03:30.340 filters & delay LDH:4@1,Linear all=15.000000
2014-04-30 07:03:30.340 [2014-04-29 19:02:36.999998] continuity found: 2048266
452113357.000000 Q=100
2014-04-30 07:03:30.340 [2014-04-29 19:02:36.999998] restoring continuity
2014-04-30 07:03:30.340 Sending DT_OPEN
2014-04-30 07:03:30.340 Station: XX-2017
2014-04-30 07:03:30.340 Q330 Serial Number: 0100000DB18FC351
2014-04-30 07:03:30.340 AMB Serial Number: 0100000B6909DD82
2014-04-30 07:03:30.340 Seismo 1 Serial Number: 0000000000000000
2014-04-30 07:03:30.340 Seismo 2 Serial Number: 0000000000000000
2014-04-30 07:03:30.340 QAPCHP 1 Serial Number: 4643206
2014-04-30 07:03:30.340 QAPCHP 2 Serial Number: 3743050
2014-04-30 07:03:30.340 KMI Property Tag Number: 2017
2014-04-30 07:03:30.340 System Software Version: 1.146
2014-04-30 07:03:30.340 Slave Processor Version: 1.11
2014-04-30 07:03:30.340 Calibrator Type: QCAL330
2014-04-30 07:03:30.340 Calibrator Version: 1.8
2014-04-30 07:03:30.340 Auxiliary Board Type: None
2014-04-30 07:03:30.340 Clock Type: Motorola M12
2014-04-30 07:03:30.340 PLD Version: 7.9
2014-04-30 07:03:30.340 Total Hours: 65723.48
2014-04-30 07:03:30.340 Power On Hours: 30353.87
2014-04-30 07:03:30.340 Time of Last Boot: 2014-04-06 02:03:58
2014-04-30 07:03:30.340 Total Number of Boots: 120
2014-04-30 07:03:30.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-30 07:03:30.340 Total Number of Re-Syncs: 213
2014-04-30 07:03:30.340 Status Inputs: 00000000
2014-04-30 07:03:30.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-30 07:03:30.340 Clock Quality: 100%
2014-04-30 07:03:30.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-30 07:03:30.340 Clock Phase: 0 usec. max allowed=50000
2014-04-30 07:03:30.340 Boom positions:
2014-04-30 07:03:30.340 Ch1: -2 Ch2: 4 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-30 07:03:30.340 Analog Status
2014-04-30 07:03:30.340 Analog Positive Supply: 5.46V
2014-04-30 07:03:30.340 Input Voltage: 13.35V
2014-04-30 07:03:30.340 System Temperature: 5C
2014-04-30 07:03:30.340 Main Current: 61ma
2014-04-30 07:03:30.340 Antenna Current: 0ma
2014-04-30 07:03:30.340 GPS Status
2014-04-30 07:03:30.340 Time: 07:03:29
2014-04-30 07:03:30.340 Date:
2014-04-30 07:03:30.340 Fix Type: 1-D
2014-04-30 07:03:30.340 Height:
2014-04-30 07:03:30.340 Latitude:
2014-04-30 07:03:30.340 Longitude:
2014-04-30 07:03:30.340 On Time: 0min
2014-04-30 07:03:30.340 Sat. Used: 0
2014-04-30 07:03:30.340 In View: 0
2014-04-30 07:03:30.340 Checksum Errors: 0
2014-04-30 07:03:30.340 Last GPS timemark: 2014-04-30 07:03:28
2014-04-30 07:03:30.340 PLL Status
2014-04-30 07:03:30.340 State: Lock
2014-04-30 07:03:30.340 Initial VCO: 2201.000000
2014-04-30 07:03:30.340 Time Error: 0.000000
2014-04-30 07:03:30.340 RMS VCO: 0.000000
2014-04-30 07:03:30.340 Best VCO: 2201.00
2014-04-30 07:03:30.340 Seconds Since Track or Lock: 0.0
2014-04-30 07:03:30.340 Vco Control: 2201
2014-04-30 07:03:30.340 timing mode: external seascan

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2014-04-30 07:03:30.340 tempco normal  
 2014-04-30 07:03:30.340 PLL update: 10s PLL lock criterion: 5us  
 2014-04-30 07:03:30.340 Pfrac: 150.00  
 2014-04-30 07:03:30.340 VCO slope: -0.0175000  
 2014-04-30 07:03:30.340 VCO intercept: 7.1100001  
 2014-04-30 07:03:30.340 km delta: 600.0000000  
 2014-04-30 07:03:30.340 Logical Port 4 Status  
 2014-04-30 07:03:30.340 Data Packets Sent: 2486076  
 2014-04-30 07:03:30.340 Flood Packets Sent: 0  
 2014-04-30 07:03:30.340 Packets Re-Sent: 3232  
 2014-04-30 07:03:30.340 Sequence Errors: 0  
 2014-04-30 07:03:30.340 Packet Buffer Used: 22438764  
 2014-04-30 07:03:30.340 Physical Port: Ethernet  
 2014-04-30 07:03:30.340 Baler Model: 14 Software Version: 2.28  
 2014-04-30 07:03:30.340 MAC Address: 00:04:FB:00:02:EA  
 2014-04-30 07:03:30.340 Disk Size: 20000669696  
 2014-04-30 07:03:30.340 Percent of 1177 data files in use: 6.4  
 2014-04-30 07:03:30.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-30 07:03:30.340 Channel Sensitivities (uV per count):  
 2014-04-30 07:03:30.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-30 07:03:30.340 Digitizer Calibration Results:  
 2014-04-30 07:03:30.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-30 07:03:30.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-30 07:03:30.340 DMU1 Software Version=10  
 2014-04-30 07:03:30.340 Supply Voltage=12.7  
 2014-04-30 07:03:30.340 Supply Current=0.41  
 2014-04-30 07:03:30.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-30 07:03:30.340 WebLink Data Maps Restored  
 2014-04-30 07:03:30.340 [2014-04-29 19:02:36.999998] sequence resumes: 2048266 to  
 2048266  
 2014-04-30 07:03:30.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-04-30 07:03:29  
 2014-04-30 07:05:43.100 [2014-04-30 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-04-30 07:09:00.170 [2014-04-30 07:08:58.999998] total packets received: 46816  
 2014-04-30 07:09:00.170 [2014-04-30 07:08:58.999998] command timeouts: 6  
 2014-04-30 07:09:00.170 [2014-04-30 07:08:58.999998] out of window: 53  
 2014-04-30 07:09:00.170 written: HHZ-1177 HH1-1405 HH2-1403 BDH-449 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-04-30 07:09:00.170 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-29  
 VMZ-2 VM1-2  
 2014-04-30 07:09:00.170 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-04-30 07:09:00.170 [2014-04-30 07:08:58.999998] Done: 4585 recs. seq end:  
 2091848. run: 325 s  
 2014-04-30 19:09:53.340  
 2014-04-30 19:09:53.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-04-30 19:09:53.340 Control Port 2491 Opened  
 2014-04-30 19:09:53.340 Baler ready on Ethernet  
 2014-04-30 19:09:53.340 Power Cycled Baler Acknowledged  
 2014-04-30 19:09:53.340 Commands Accepted by Q330  
 2014-04-30 19:09:53.340 Access timeout: 300 sec  
 2014-04-30 19:09:53.340 Control Port 4023 Opened  
 2014-04-30 19:09:53.340 Data Port 4024 Opened  
 2014-04-30 19:09:53.340 Registered with Q330  
 2014-04-30 19:09:53.340 Combination Record Received  
 2014-04-30 19:09:53.340 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-04-30 19:09:53.340 Link Reset, starting window sequence: 42184  
 2014-04-30 19:09:53.340 GPS Receiver ID Received  
 2014-04-30 19:09:53.340 Manufacturer's Data Received, Property Tag=2017  
 2014-04-30 19:09:53.340 Digitizer Gain & Offsets Received  
 2014-04-30 19:09:53.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4585 recs.  
 seq end: 2091848  
 2014-04-30 19:09:53.340 Baler clock set to 2014-04-30 19:09:52

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2014-04-30 19:09:53.340 Starting to Read DP Tokens
2014-04-30 19:09:53.340 DP Tokens loaded, size=1474 bytes
2014-04-30 19:09:53.340 Webserver advertising 192.168.200.119:5380
2014-04-30 19:09:53.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-04-30 19:09:53.340 filters & delay HH2:3@100,Linear all=0.320000
2014-04-30 19:09:53.340 filters & delay BDH:4@20,Linear all=1.650000
2014-04-30 19:09:53.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-04-30 19:09:53.340 filters & delay LH1:2@1,Linear all=15.000000
2014-04-30 19:09:53.340 filters & delay LH2:3@1,Linear all=15.000000
2014-04-30 19:09:53.340 filters & delay LDH:4@1,Linear all=15.000000
2014-04-30 19:09:53.340 [2014-04-30 07:08:58.999998] continuity found: 2091848
452156939.000000 Q=100
2014-04-30 19:09:53.340 [2014-04-30 07:08:58.999998] restoring continuity
2014-04-30 19:09:53.340 Sending DT_OPEN
2014-04-30 19:09:53.340 Station: XX-2017
2014-04-30 19:09:53.340 Q330 Serial Number: 0100000DB18FC351
2014-04-30 19:09:53.340 AMB Serial Number: 0100000B6909DD82
2014-04-30 19:09:53.340 Seismo 1 Serial Number: 0000000000000000
2014-04-30 19:09:53.340 Seismo 2 Serial Number: 0000000000000000
2014-04-30 19:09:53.340 QAPCHP 1 Serial Number: 4643206
2014-04-30 19:09:53.340 QAPCHP 2 Serial Number: 3743050
2014-04-30 19:09:53.340 KMI Property Tag Number: 2017
2014-04-30 19:09:53.340 System Software Version: 1.146
2014-04-30 19:09:53.340 Slave Processor Version: 1.11
2014-04-30 19:09:53.340 Calibrator Type: QCAL330
2014-04-30 19:09:53.340 Calibrator Version: 1.8
2014-04-30 19:09:53.340 Auxiliary Board Type: None
2014-04-30 19:09:53.340 Clock Type: Motorola M12
2014-04-30 19:09:53.340 PLD Version: 7.9
2014-04-30 19:09:53.340 Total Hours: 65735.59
2014-04-30 19:09:53.340 Power On Hours: 30365.97
2014-04-30 19:09:53.340 Time of Last Boot: 2014-04-06 02:03:58
2014-04-30 19:09:53.340 Total Number of Boots: 120
2014-04-30 19:09:53.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-04-30 19:09:53.340 Total Number of Re-Syncs: 213
2014-04-30 19:09:53.340 Status Inputs: 00000000
2014-04-30 19:09:53.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-04-30 19:09:53.340 Clock Quality: 100%
2014-04-30 19:09:53.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-04-30 19:09:53.340 Clock Phase: 0 usec. max allowed=50000
2014-04-30 19:09:53.340 Boom positions:
2014-04-30 19:09:53.340 Ch1: -2 Ch2: 2 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2014-04-30 19:09:53.340 Analog Status
2014-04-30 19:09:53.340 Analog Positive Supply: 5.46V
2014-04-30 19:09:53.340 Input Voltage: 13.35V
2014-04-30 19:09:53.340 System Temperature: 5C
2014-04-30 19:09:53.340 Main Current: 61ma
2014-04-30 19:09:53.340 Antenna Current: 0ma
2014-04-30 19:09:53.340 GPS Status
2014-04-30 19:09:53.340 Time: 19:09:52
2014-04-30 19:09:53.340 Date:
2014-04-30 19:09:53.340 Fix Type: 1-D
2014-04-30 19:09:53.340 Height:
2014-04-30 19:09:53.340 Latitude:
2014-04-30 19:09:53.340 Longitude:
2014-04-30 19:09:53.340 On Time: 0min
2014-04-30 19:09:53.340 Sat. Used: 0
2014-04-30 19:09:53.340 In View: 0
2014-04-30 19:09:53.340 Checksum Errors: 0
2014-04-30 19:09:53.340 Last GPS timemark: 2014-04-30 19:09:51
2014-04-30 19:09:53.340 PLL Status
2014-04-30 19:09:53.340 State: Lock
2014-04-30 19:09:53.340 Initial VCO: 2200.716553

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2014-04-30 19:09:53.340 Time Error: 0.000000  
 2014-04-30 19:09:53.340 RMS VCO: 0.0000000  
 2014-04-30 19:09:53.340 Best VCO: 2200.80  
 2014-04-30 19:09:53.340 Seconds Since Track or Lock: 0.0  
 2014-04-30 19:09:53.340 Vco Control: 2201  
 2014-04-30 19:09:53.340 timing mode: external seascan  
 2014-04-30 19:09:53.340 tempco normal  
 2014-04-30 19:09:53.340 PLL update: 10s PLL lock criterion: 5us  
 2014-04-30 19:09:53.340 Pfrac: 150.00  
 2014-04-30 19:09:53.340 VCO slope: -0.0175000  
 2014-04-30 19:09:53.340 VCO intercept: 7.1100001  
 2014-04-30 19:09:53.340 km delta: 600.0000000  
 2014-04-30 19:09:53.340 Logical Port 4 Status  
 2014-04-30 19:09:53.340 Data Packets Sent: 2532809  
 2014-04-30 19:09:53.340 Flood Packets Sent: 0  
 2014-04-30 19:09:53.340 Packets Re-Sent: 3302  
 2014-04-30 19:09:53.340 Sequence Errors: 0  
 2014-04-30 19:09:53.340 Packet Buffer Used: 22666916  
 2014-04-30 19:09:53.340 Physical Port: Ethernet  
 2014-04-30 19:09:53.340 Baler Model: 14 Software Version: 2.28  
 2014-04-30 19:09:53.340 MAC Address: 00:04:FB:00:02:EA  
 2014-04-30 19:09:53.340 Disk Size: 20000669696  
 2014-04-30 19:09:53.340 Percent of 1177 data files in use: 6.4  
 2014-04-30 19:09:53.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-04-30 19:09:53.340 Channel Sensitivities (uV per count):  
 2014-04-30 19:09:53.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-04-30 19:09:53.340 Digitizer Calibration Results:  
 2014-04-30 19:09:53.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-04-30 19:09:53.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-04-30 19:09:53.340 DMU1 Software Version=10  
 2014-04-30 19:09:53.340 Supply Voltage=12.7  
 2014-04-30 19:09:53.340 Supply Current=0.41  
 2014-04-30 19:09:53.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-04-30 19:09:53.340 webLink Data Maps Restored  
 2014-04-30 19:09:53.340 [2014-04-30 07:08:58.999998] sequence resumes: 2091848 to 2091848  
 2014-04-30 19:09:53.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-04-30 19:09:52  
 2014-04-30 19:15:23.440 [2014-04-30 19:15:22.000000] total packets received: 50047  
 2014-04-30 19:15:23.440 [2014-04-30 19:15:22.000000] command timeouts: 6  
 2014-04-30 19:15:23.440 [2014-04-30 19:15:22.000000] out of window: 49  
 2014-04-30 19:15:23.440 written: HHZ-1190 HH1-1406 HH2-1442 BDH-451 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-04-30 19:15:23.440 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-26 LH2-26 LDH-33  
 VMZ-1 VM1-1  
 2014-04-30 19:15:23.440 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-04-30 19:15:23.440 [2014-04-30 19:15:22.000000] Done: 4634 recs. seq end: 2135431. run: 325 s  
 2014-05-01 07:16:15.340  
 2014-05-01 07:16:15.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-01 07:16:15.340 Control Port 2491 Opened  
 2014-05-01 07:16:15.340 Baler ready on Ethernet  
 2014-05-01 07:16:15.340 Power Cycled Baler Acknowledged  
 2014-05-01 07:16:15.340 Commands Accepted by Q330  
 2014-05-01 07:16:15.340 Access timeout: 300 sec  
 2014-05-01 07:16:15.340 Control Port 4023 Opened  
 2014-05-01 07:16:15.340 Data Port 4024 Opened  
 2014-05-01 07:16:15.340 Registered with Q330  
 2014-05-01 07:16:15.340 Combination Record Received  
 2014-05-01 07:16:15.340 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-01 07:16:15.340 Link Reset, starting window sequence: 26611  
 2014-05-01 07:16:15.340 GPS Receiver ID Received  
 2014-05-01 07:16:15.340 Manufacturer's Data Received, Property Tag=2017



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2014-05-01 07:16:15.340 Digitizer Gain & Offsets Received
2014-05-01 07:16:15.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4634 recs.
seq end: 2135431
2014-05-01 07:16:15.340 Baler clock set to 2014-05-01 07:16:14
2014-05-01 07:16:15.340 Starting to Read DP Tokens
2014-05-01 07:16:15.340 DP Tokens loaded, size=1474 bytes
2014-05-01 07:16:15.340 webserver advertising 192.168.200.119:5380
2014-05-01 07:16:15.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-01 07:16:15.340 filters & delay HH1:2@100,Linear all=0.320000
2014-05-01 07:16:15.340 filters & delay HH2:3@100,Linear all=0.320000
2014-05-01 07:16:15.340 filters & delay BDH:4@20,Linear all=1.650000
2014-05-01 07:16:15.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-01 07:16:15.340 filters & delay LH1:2@1,Linear all=15.000000
2014-05-01 07:16:15.340 filters & delay LH2:3@1,Linear all=15.000000
2014-05-01 07:16:15.340 filters & delay LDH:4@1,Linear all=15.000000
2014-05-01 07:16:15.340 [2014-04-30 19:15:22.000000] continuity found: 2135431
452200522.000000 Q=100
2014-05-01 07:16:15.340 [2014-04-30 19:15:22.000000] restoring continuity
2014-05-01 07:16:15.340 Sending DT_OPEN
2014-05-01 07:16:15.340 Station: XX-2017
2014-05-01 07:16:15.340 Q330 Serial Number: 0100000DB18FC351
2014-05-01 07:16:15.340 AMB Serial Number: 0100000B6909DD82
2014-05-01 07:16:15.340 Seismo 1 Serial Number: 0000000000000000
2014-05-01 07:16:15.340 Seismo 2 Serial Number: 0000000000000000
2014-05-01 07:16:15.340 QAPCHP 1 Serial Number: 4643206
2014-05-01 07:16:15.340 QAPCHP 2 Serial Number: 3743050
2014-05-01 07:16:15.340 KMI Property Tag Number: 2017
2014-05-01 07:16:15.340 System Software Version: 1.146
2014-05-01 07:16:15.340 Slave Processor Version: 1.11
2014-05-01 07:16:15.340 Calibrator Type: QCAL330
2014-05-01 07:16:15.340 Calibrator Version: 1.8
2014-05-01 07:16:15.340 Auxiliary Board Type: None
2014-05-01 07:16:15.340 Clock Type: Motorola M12
2014-05-01 07:16:15.340 PLD Version: 7.9
2014-05-01 07:16:15.340 Total Hours: 65747.69
2014-05-01 07:16:15.340 Power On Hours: 30378.08
2014-05-01 07:16:15.340 Time of Last Boot: 2014-04-06 02:03:58
2014-05-01 07:16:15.340 Total Number of Boots: 120
2014-05-01 07:16:15.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-01 07:16:15.340 Total Number of Re-Syncs: 213
2014-05-01 07:16:15.340 Status Inputs: 00000000
2014-05-01 07:16:15.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-01 07:16:15.340 Clock Quality: 100%
2014-05-01 07:16:15.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-01 07:16:15.340 Clock Phase: -2 usec. max allowed=50000
2014-05-01 07:16:15.340 Boom positions:
2014-05-01 07:16:15.340 Ch1: -2 Ch2: 1 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-01 07:16:15.340 Analog Status
2014-05-01 07:16:15.340 Analog Positive Supply: 5.46v
2014-05-01 07:16:15.340 Input Voltage: 13.20v
2014-05-01 07:16:15.340 System Temperature: 5C
2014-05-01 07:16:15.340 Main Current: 62ma
2014-05-01 07:16:15.340 Antenna Current: 0ma
2014-05-01 07:16:15.340 GPS Status
2014-05-01 07:16:15.340 Time: 07:16:14
2014-05-01 07:16:15.340 Date:
2014-05-01 07:16:15.340 Fix Type: 1-D
2014-05-01 07:16:15.340 Height:
2014-05-01 07:16:15.340 Latitude:
2014-05-01 07:16:15.340 Longitude:
2014-05-01 07:16:15.340 On Time: 0min
2014-05-01 07:16:15.340 Sat. Used: 0
2014-05-01 07:16:15.340 In View: 0

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2014-05-01 07:16:15.340 Checksum Errors: 0
2014-05-01 07:16:15.340 Last GPS timemark: 2014-05-01 07:16:13
2014-05-01 07:16:15.340 PLL Status
2014-05-01 07:16:15.340 State: Lock
2014-05-01 07:16:15.340 Initial VCO: 2201.093506
2014-05-01 07:16:15.340 Time Error: 0.000000
2014-05-01 07:16:15.340 RMS VCO: 0.000000
2014-05-01 07:16:15.340 Best VCO: 2201.07
2014-05-01 07:16:15.340 Seconds Since Track or Lock: 0.0
2014-05-01 07:16:15.340 Vco Control: 2201
2014-05-01 07:16:15.340 timing mode: external seascan
2014-05-01 07:16:15.340 tempco normal
2014-05-01 07:16:15.340 PLL update: 10s PLL lock criterion: 5us
2014-05-01 07:16:15.340 Pfrac: 150.00
2014-05-01 07:16:15.340 VCO slope: -0.0175000
2014-05-01 07:16:15.340 VCO intercept: 7.1100001
2014-05-01 07:16:15.340 km delta: 600.0000000
2014-05-01 07:16:15.340 Logical Port 4 Status
2014-05-01 07:16:15.340 Data Packets Sent: 2582777
2014-05-01 07:16:15.340 Flood Packets Sent: 0
2014-05-01 07:16:15.340 Packets Re-Sent: 3366
2014-05-01 07:16:15.340 Sequence Errors: 0
2014-05-01 07:16:15.340 Packet Buffer Used: 22846904
2014-05-01 07:16:15.340 Physical Port: Ethernet
2014-05-01 07:16:15.340 Baler Model: 14 Software Version: 2.28
2014-05-01 07:16:15.340 MAC Address: 00:04:FB:00:02:EA
2014-05-01 07:16:15.340 Disk Size: 20000669696
2014-05-01 07:16:15.340 Percent of 1177 data files in use: 6.5
2014-05-01 07:16:15.340 Channels Enabled: 1234 Preamps ON channels:
2014-05-01 07:16:15.340 Channel Sensitivities (uV per count):
2014-05-01 07:16:15.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-01 07:16:15.340 Digitizer Calibration Results:
2014-05-01 07:16:15.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-01 07:16:15.340 DMU1 Software Version=10
2014-05-01 07:16:15.340 Supply Voltage=12.7
2014-05-01 07:16:15.340 Supply Current=0.41
2014-05-01 07:16:15.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-01 07:16:15.340 webLink Data Maps Restored
2014-05-01 07:16:15.340 [2014-04-30 19:15:22.000000] sequence resumes: 2135431 to
2135431
2014-05-01 07:16:15.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-01 07:16:14
2014-05-01 07:18:21.840 [2014-05-01 00:00:00.000000] Saving Configuration to Backup
Memory
2014-05-01 07:21:45.060 [2014-05-01 07:16:17.999998] total packets received: 51010
2014-05-01 07:21:45.060 [2014-05-01 07:16:17.999998] command timeouts: 6
2014-05-01 07:21:45.060 [2014-05-01 07:16:17.999998] out of window: 48
2014-05-01 07:21:45.060 written: HHZ-1204 HH1-1416 HH2-1425 BDH-451 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-01 07:21:45.060 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-28 LH2-28 LDH-35
VMZ-2 VM1-2
2014-05-01 07:21:45.060 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-05-01 07:21:45.060 [2014-05-01 07:16:17.999998] Done: 4661 recs. seq end:
2178687. run: 325 s
2014-05-01 19:22:37.350
2014-05-01 19:22:37.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-01 19:22:37.350 Control Port 2491 Opened
2014-05-01 19:22:37.350 Baler ready on Ethernet
2014-05-01 19:22:37.350 Power Cycled Baler Acknowledged
2014-05-01 19:22:37.350 Commands Accepted by Q330
2014-05-01 19:22:37.350 Access timeout: 300 sec
2014-05-01 19:22:37.350 Control Port 4023 Opened
2014-05-01 19:22:37.350 Data Port 4024 Opened

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2014-05-01 19:22:37.350 Registered with Q330
2014-05-01 19:22:37.350 Combination Record Received
2014-05-01 19:22:37.350 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-01 19:22:37.350 Link Reset, starting window sequence: 12001
2014-05-01 19:22:37.350 GPS Receiver ID Received
2014-05-01 19:22:37.350 Manufacturer's Data Received, Property Tag=2017
2014-05-01 19:22:37.350 Digitizer Gain & Offsets Received
2014-05-01 19:22:37.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4661 recs.
seq end: 2178687
2014-05-01 19:22:37.350 Baler clock set to 2014-05-01 19:22:36
2014-05-01 19:22:37.350 Starting to Read DP Tokens
2014-05-01 19:22:37.350 DP Tokens loaded, size=1474 bytes
2014-05-01 19:22:37.350 webserver advertising 192.168.200.119:5380
2014-05-01 19:22:37.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-01 19:22:37.350 filters & delay HH1:2@100,Linear all=0.320000
2014-05-01 19:22:37.350 filters & delay HH2:3@100,Linear all=0.320000
2014-05-01 19:22:37.350 filters & delay BDH:4@20,Linear all=1.650000
2014-05-01 19:22:37.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-01 19:22:37.350 filters & delay LH1:2@1,Linear all=15.000000
2014-05-01 19:22:37.350 filters & delay LH2:3@1,Linear all=15.000000
2014-05-01 19:22:37.350 filters & delay LDH:4@1,Linear all=15.000000
2014-05-01 19:22:37.350 [2014-05-01 07:16:17.999998] continuity found: 2178687
452243778.000000 Q=100
2014-05-01 19:22:37.350 [2014-05-01 07:16:17.999998] restoring continuity
2014-05-01 19:22:37.350 Sending DT_OPEN
2014-05-01 19:22:37.350 Station: XX-2017
2014-05-01 19:22:37.350 Q330 Serial Number: 0100000DB18FC351
2014-05-01 19:22:37.350 AMB Serial Number: 0100000B6909DD82
2014-05-01 19:22:37.350 Seismo 1 Serial Number: 0000000000000000
2014-05-01 19:22:37.350 Seismo 2 Serial Number: 0000000000000000
2014-05-01 19:22:37.350 QAPCHP 1 Serial Number: 4643206
2014-05-01 19:22:37.350 QAPCHP 2 Serial Number: 3743050
2014-05-01 19:22:37.350 KMI Property Tag Number: 2017
2014-05-01 19:22:37.350 System Software Version: 1.146
2014-05-01 19:22:37.350 Slave Processor Version: 1.11
2014-05-01 19:22:37.350 Calibrator Type: QCAL330
2014-05-01 19:22:37.350 Calibrator Version: 1.8
2014-05-01 19:22:37.350 Auxiliary Board Type: None
2014-05-01 19:22:37.350 Clock Type: Motorola M12
2014-05-01 19:22:37.350 PLD Version: 7.9
2014-05-01 19:22:37.350 Total Hours: 65759.80
2014-05-01 19:22:37.350 Power On Hours: 30390.19
2014-05-01 19:22:37.350 Time of Last Boot: 2014-04-06 02:03:58
2014-05-01 19:22:37.350 Total Number of Boots: 120
2014-05-01 19:22:37.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-01 19:22:37.350 Total Number of Re-Syncs: 213
2014-05-01 19:22:37.350 Status Inputs: 00000000
2014-05-01 19:22:37.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-01 19:22:37.350 Clock Quality: 100%
2014-05-01 19:22:37.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-01 19:22:37.350 Clock Phase: 0 usec. max allowed=50000
2014-05-01 19:22:37.350 Boom positions:
2014-05-01 19:22:37.350 Ch1: -2 Ch2: 1 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-01 19:22:37.350 Analog Status
2014-05-01 19:22:37.350 Analog Positive Supply: 5.46v
2014-05-01 19:22:37.350 Input Voltage: 13.20v
2014-05-01 19:22:37.350 System Temperature: 5C
2014-05-01 19:22:37.350 Main Current: 62ma
2014-05-01 19:22:37.350 Antenna Current: 0ma
2014-05-01 19:22:37.350 GPS Status
2014-05-01 19:22:37.350 Time: 19:22:36
2014-05-01 19:22:37.350 Date:
2014-05-01 19:22:37.350 Fix Type: 1-D

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2014-05-01 19:22:37.350 Height:  
 2014-05-01 19:22:37.350 Latitude:  
 2014-05-01 19:22:37.350 Longitude:  
 2014-05-01 19:22:37.350 On Time: 0min  
 2014-05-01 19:22:37.350 Sat. Used: 0  
 2014-05-01 19:22:37.350 In View: 0  
 2014-05-01 19:22:37.350 Checksum Errors: 0  
 2014-05-01 19:22:37.350 Last GPS timemark: 2014-05-01 19:22:35  
 2014-05-01 19:22:37.350 PLL Status  
 2014-05-01 19:22:37.350 State: Lock  
 2014-05-01 19:22:37.350 Initial VCO: 2200.814453  
 2014-05-01 19:22:37.350 Time Error: 0.000000  
 2014-05-01 19:22:37.350 RMS VCO: 0.000000  
 2014-05-01 19:22:37.350 Best VCO: 2200.66  
 2014-05-01 19:22:37.350 Seconds Since Track or Lock: 0.0  
 2014-05-01 19:22:37.350 Vco Control: 2201  
 2014-05-01 19:22:37.350 timing mode: external seascan  
 2014-05-01 19:22:37.350 tempco normal  
 2014-05-01 19:22:37.350 PLL update: 10s PLL lock criterion: 5us  
 2014-05-01 19:22:37.350 Pfrac: 150.00  
 2014-05-01 19:22:37.350 VCO slope: -0.0175000  
 2014-05-01 19:22:37.350 VCO intercept: 7.1100001  
 2014-05-01 19:22:37.350 Km delta: 600.000000  
 2014-05-01 19:22:37.350 Logical Port 4 Status  
 2014-05-01 19:22:37.350 Data Packets Sent: 2633709  
 2014-05-01 19:22:37.350 Flood Packets Sent: 0  
 2014-05-01 19:22:37.350 Packets Re-Sent: 3431  
 2014-05-01 19:22:37.350 Sequence Errors: 0  
 2014-05-01 19:22:37.350 Packet Buffer Used: 23265868  
 2014-05-01 19:22:37.350 Physical Port: Ethernet  
 2014-05-01 19:22:37.350 Baler Model: 14 Software Version: 2.28  
 2014-05-01 19:22:37.350 MAC Address: 00:04:FB:00:02:EA  
 2014-05-01 19:22:37.350 Disk Size: 20000669696  
 2014-05-01 19:22:37.350 Percent of 1177 data files in use: 6.5  
 2014-05-01 19:22:37.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-01 19:22:37.350 Channel Sensitivities (uV per count):  
 2014-05-01 19:22:37.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-01 19:22:37.350 Digitizer Calibration Results:  
 2014-05-01 19:22:37.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-01 19:22:37.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-01 19:22:37.350 DMU1 Software Version=10  
 2014-05-01 19:22:37.350 Supply Voltage=12.7  
 2014-05-01 19:22:37.350 Supply Current=0.41  
 2014-05-01 19:22:37.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-01 19:22:37.350 WebLink Data Maps Restored  
 2014-05-01 19:22:37.350 [2014-05-01 07:16:17.999998] sequence resumes: 2178687 to  
 2178687  
 2014-05-01 19:22:37.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-01 19:22:36  
 2014-05-01 19:28:27.550 Reducing Status Polling Interval  
 2014-05-01 19:28:27.550 [2014-05-01 19:28:26.999998] total packets received: 55138  
 2014-05-01 19:28:27.550 [2014-05-01 19:28:26.999998] command timeouts: 6  
 2014-05-01 19:28:27.550 [2014-05-01 19:28:26.999998] out of window: 69  
 2014-05-01 19:28:27.550 written: HHZ-1243 HH1-1451 HH2-1474 BDH-456 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-05-01 19:28:27.550 written: VFP-2 LCQ-8 LCE-7 LCL-7 LHZ-24 LH1-27 LH2-27 LDH-35  
 VMZ-2 VM1-2  
 2014-05-01 19:28:27.550 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-05-01 19:28:27.550 [2014-05-01 19:28:26.999998] Done: 4781 recs. seq end:  
 2222616. run: 345 s  
 2014-05-02 07:29:20.340  
 2014-05-02 07:29:20.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-02 07:29:20.340 Control Port 2491 Opened

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2014-05-02 07:29:20.340 Baler ready on Ethernet
2014-05-02 07:29:20.340 Power Cycled Baler Acknowledged
2014-05-02 07:29:20.340 Commands Accepted by Q330
2014-05-02 07:29:20.340 Access timeout: 300 sec
2014-05-02 07:29:20.340 Control Port 4023 Opened
2014-05-02 07:29:20.340 Data Port 4024 Opened
2014-05-02 07:29:20.340 Registered with Q330
2014-05-02 07:29:20.340 Combination Record Received
2014-05-02 07:29:20.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-02 07:29:20.340 Link Reset, starting window sequence: 1498
2014-05-02 07:29:20.340 GPS Receiver ID Received
2014-05-02 07:29:20.340 Manufacturer's Data Received, Property Tag=2017
2014-05-02 07:29:20.340 Digitizer Gain & Offsets Received
2014-05-02 07:29:20.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4781 recs.
seq end: 2222616
2014-05-02 07:29:20.340 Baler clock set to 2014-05-02 07:29:19
2014-05-02 07:29:20.340 Starting to Read DP Tokens
2014-05-02 07:29:20.340 DP Tokens loaded, size=1474 bytes
2014-05-02 07:29:20.340 webserver advertising 192.168.200.119:5380
2014-05-02 07:29:20.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-02 07:29:20.340 filters & delay HH1:2@100,Linear all=0.320000
2014-05-02 07:29:20.340 filters & delay HH2:3@100,Linear all=0.320000
2014-05-02 07:29:20.340 filters & delay BDH:4@20,Linear all=1.650000
2014-05-02 07:29:20.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-02 07:29:20.340 filters & delay LH1:2@1,Linear all=15.000000
2014-05-02 07:29:20.340 filters & delay LH2:3@1,Linear all=15.000000
2014-05-02 07:29:20.340 filters & delay LDH:4@1,Linear all=15.000000
2014-05-02 07:29:20.340 [2014-05-01 19:28:26.999998] continuity found: 2222616
452287707.000000 Q=100
2014-05-02 07:29:20.340 [2014-05-01 19:28:26.999998] restoring continuity
2014-05-02 07:29:20.340 Sending DT_OPEN
2014-05-02 07:29:20.340 Station: XX-2017
2014-05-02 07:29:20.340 Q330 Serial Number: 0100000DB18FC351
2014-05-02 07:29:20.340 AMB Serial Number: 0100000B6909DD82
2014-05-02 07:29:20.340 Seismo 1 Serial Number: 0000000000000000
2014-05-02 07:29:20.340 Seismo 2 Serial Number: 0000000000000000
2014-05-02 07:29:20.340 QAPCHP 1 Serial Number: 4643206
2014-05-02 07:29:20.340 QAPCHP 2 Serial Number: 3743050
2014-05-02 07:29:20.340 KMI Property Tag Number: 2017
2014-05-02 07:29:20.340 System Software Version: 1.146
2014-05-02 07:29:20.340 Slave Processor Version: 1.11
2014-05-02 07:29:20.340 Calibrator Type: QCAL330
2014-05-02 07:29:20.340 Calibrator Version: 1.8
2014-05-02 07:29:20.340 Auxiliary Board Type: None
2014-05-02 07:29:20.340 Clock Type: Motorola M12
2014-05-02 07:29:20.340 PLD Version: 7.9
2014-05-02 07:29:20.340 Total Hours: 65771.91
2014-05-02 07:29:20.340 Power On Hours: 30402.30
2014-05-02 07:29:20.340 Time of Last Boot: 2014-04-06 02:03:58
2014-05-02 07:29:20.340 Total Number of Boots: 120
2014-05-02 07:29:20.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-02 07:29:20.340 Total Number of Re-Syncs: 213
2014-05-02 07:29:20.340 Status Inputs: 00000000
2014-05-02 07:29:20.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-02 07:29:20.340 Clock Quality: 100%
2014-05-02 07:29:20.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-02 07:29:20.340 Boom positions:
2014-05-02 07:29:20.340 ch1: -2 ch2: 0 ch3: 1 ch4: 20 ch5: 20 ch6: 20
2014-05-02 07:29:20.340 Analog Status
2014-05-02 07:29:20.340 Analog Positive Supply: 5.46V
2014-05-02 07:29:20.340 Input Voltage: 13.35V
2014-05-02 07:29:20.340 System Temperature: 5C
2014-05-02 07:29:20.340 Main Current: 61ma

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2014-05-02 07:29:20.340 Antenna Current: 0ma  
 2014-05-02 07:29:20.340 GPS Status  
 2014-05-02 07:29:20.340 Time: 07:29:19  
 2014-05-02 07:29:20.340 Date:  
 2014-05-02 07:29:20.340 Fix Type: 1-D  
 2014-05-02 07:29:20.340 Height:  
 2014-05-02 07:29:20.340 Latitude:  
 2014-05-02 07:29:20.340 Longitude:  
 2014-05-02 07:29:20.340 On Time: 0min  
 2014-05-02 07:29:20.340 Sat. Used: 0  
 2014-05-02 07:29:20.340 In View: 0  
 2014-05-02 07:29:20.340 Checksum Errors: 0  
 2014-05-02 07:29:20.340 Last GPS timemark: 2014-05-02 07:29:18  
 2014-05-02 07:29:20.340 PLL Status  
 2014-05-02 07:29:20.340 State: Lock  
 2014-05-02 07:29:20.340 Initial VCO: 2200.957764  
 2014-05-02 07:29:20.340 Time Error: 0.000000  
 2014-05-02 07:29:20.340 RMS VCO: 0.0000000  
 2014-05-02 07:29:20.340 Best VCO: 2200.97  
 2014-05-02 07:29:20.340 Seconds Since Track or Lock: 0.0  
 2014-05-02 07:29:20.340 Vco Control: 2201  
 2014-05-02 07:29:20.340 timing mode: external seascan  
 2014-05-02 07:29:20.340 tempco normal  
 2014-05-02 07:29:20.340 PLL update: 10s PLL lock criterion: 5us  
 2014-05-02 07:29:20.340 Pfrac: 150.00  
 2014-05-02 07:29:20.340 VCO slope: -0.0175000  
 2014-05-02 07:29:20.340 VCO intercept: 7.1100001  
 2014-05-02 07:29:20.340 Km delta: 600.0000000  
 2014-05-02 07:29:20.340 Logical Port 4 Status  
 2014-05-02 07:29:20.340 Data Packets Sent: 2688747  
 2014-05-02 07:29:20.340 Flood Packets Sent: 0  
 2014-05-02 07:29:20.340 Packets Re-Sent: 3516  
 2014-05-02 07:29:20.340 Sequence Errors: 0  
 2014-05-02 07:29:20.340 Packet Buffer Used: 23057756  
 2014-05-02 07:29:20.340 Physical Port: Ethernet  
 2014-05-02 07:29:20.340 Baler Model: 14 Software Version: 2.28  
 2014-05-02 07:29:20.340 MAC Address: 00:04:FB:00:02:EA  
 2014-05-02 07:29:20.340 Disk Size: 20000669696  
 2014-05-02 07:29:20.340 Percent of 1177 data files in use: 6.7  
 2014-05-02 07:29:20.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-02 07:29:20.340 Channel Sensitivities (uV per count):  
 2014-05-02 07:29:20.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-02 07:29:20.340 Digitizer Calibration Results:  
 2014-05-02 07:29:20.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-02 07:29:20.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-02 07:29:20.340 DMU1 Software Version=10  
 2014-05-02 07:29:20.340 Supply Voltage=12.7  
 2014-05-02 07:29:20.340 Supply Current=0.40  
 2014-05-02 07:29:20.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-02 07:29:20.340 WebLink Data Maps Restored  
 2014-05-02 07:29:20.340 [2014-05-01 19:28:26.999998] sequence resumes: 2222616 to  
 2222616  
 2014-05-02 07:29:20.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-02 07:29:19  
 2014-05-02 07:31:27.110 [2014-05-02 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-05-02 07:35:02.030 Reducing Status Polling Interval  
 2014-05-02 07:35:02.030 [2014-05-02 07:35:00.999998] total packets received: 54138  
 2014-05-02 07:35:02.030 [2014-05-02 07:35:00.999998] command timeouts: 6  
 2014-05-02 07:35:02.030 [2014-05-02 07:35:00.999998] out of window: 55  
 2014-05-02 07:35:02.030 written: HHZ-1220 HH1-1425 HH2-1484 BDH-449 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-05-02 07:35:02.030 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-30

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VMZ-1 VM1-1
2014-05-02 07:35:02.030 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-05-02 07:35:02.030 [2014-05-02 07:35:00.999998] Done: 4721 recs. seq end:
2266210. run: 337 s
2014-05-02 19:35:55.360
2014-05-02 19:35:55.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-02 19:35:55.360 Control Port 2491 Opened
2014-05-02 19:35:55.360 Baler ready on Ethernet
2014-05-02 19:35:55.360 Power Cycled Baler Acknowledged
2014-05-02 19:35:55.360 Commands Accepted by Q330
2014-05-02 19:35:55.360 Access timeout: 300 sec
2014-05-02 19:35:55.360 Control Port 4023 Opened
2014-05-02 19:35:55.360 Data Port 4024 Opened
2014-05-02 19:35:55.360 Registered with Q330
2014-05-02 19:35:55.360 Combination Record Received
2014-05-02 19:35:55.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-02 19:35:55.360 Link Reset, starting window sequence: 55545
2014-05-02 19:35:55.360 GPS Receiver ID Received
2014-05-02 19:35:55.360 Manufacturer's Data Received, Property Tag=2017
2014-05-02 19:35:55.360 Digitizer Gain & Offsets Received
2014-05-02 19:35:55.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4721 recs.
seq end: 2266210
2014-05-02 19:35:55.360 Baler clock set to 2014-05-02 19:35:54
2014-05-02 19:35:55.360 Starting to Read DP Tokens
2014-05-02 19:35:55.360 DP Tokens loaded, size=1474 bytes
2014-05-02 19:35:55.360 Webserver advertising 192.168.200.119:5380
2014-05-02 19:35:55.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-02 19:35:55.360 filters & delay HH1:2@100,Linear all=0.320000
2014-05-02 19:35:55.360 filters & delay HH2:3@100,Linear all=0.320000
2014-05-02 19:35:55.360 filters & delay BDH:4@20,Linear all=1.650000
2014-05-02 19:35:55.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-02 19:35:55.360 filters & delay LH1:2@1,Linear all=15.000000
2014-05-02 19:35:55.360 filters & delay LH2:3@1,Linear all=15.000000
2014-05-02 19:35:55.360 filters & delay LDH:4@1,Linear all=15.000000
2014-05-02 19:35:55.360 [2014-05-02 07:35:00.999998] continuity found: 2266210
452331301.000000 Q=100
2014-05-02 19:35:55.360 [2014-05-02 07:35:00.999998] restoring continuity
2014-05-02 19:35:55.360 Sending DT_OPEN
2014-05-02 19:35:55.360 Station: XX-2017
2014-05-02 19:35:55.360 Q330 Serial Number: 0100000DB18FC351
2014-05-02 19:35:55.360 AMB Serial Number: 0100000B6909DD82
2014-05-02 19:35:55.360 Seismo 1 Serial Number: 0000000000000000
2014-05-02 19:35:55.360 Seismo 2 Serial Number: 0000000000000000
2014-05-02 19:35:55.360 QAPCHP 1 Serial Number: 4643206
2014-05-02 19:35:55.360 QAPCHP 2 Serial Number: 3743050
2014-05-02 19:35:55.360 KMI Property Tag Number: 2017
2014-05-02 19:35:55.360 System Software Version: 1.146
2014-05-02 19:35:55.360 Slave Processor Version: 1.11
2014-05-02 19:35:55.360 Calibrator Type: QCAL330
2014-05-02 19:35:55.360 Calibrator Version: 1.8
2014-05-02 19:35:55.360 Auxiliary Board Type: None
2014-05-02 19:35:55.360 Clock Type: Motorola M12
2014-05-02 19:35:55.360 PLD Version: 7.9
2014-05-02 19:35:55.360 Total Hours: 65784.02
2014-05-02 19:35:55.360 Power On Hours: 30414.41
2014-05-02 19:35:55.360 Time of Last Boot: 2014-04-06 02:03:58
2014-05-02 19:35:55.360 Total Number of Boots: 120
2014-05-02 19:35:55.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-02 19:35:55.360 Total Number of Re-Syncs: 213
2014-05-02 19:35:55.360 Status Inputs: 00000000
2014-05-02 19:35:55.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-02 19:35:55.360 Clock Quality: 100%
2014-05-02 19:35:55.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

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2014-05-02 19:35:55.360 Clock Phase: 0 usec. max allowed=50000  
 2014-05-02 19:35:55.360 Boom positions:  
 2014-05-02 19:35:55.360 Ch1: -2 Ch2: -1 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-02 19:35:55.360 Analog Status  
 2014-05-02 19:35:55.360 Analog Positive Supply: 5.46V  
 2014-05-02 19:35:55.360 Input Voltage: 13.20V  
 2014-05-02 19:35:55.360 System Temperature: 5C  
 2014-05-02 19:35:55.360 Main Current: 63ma  
 2014-05-02 19:35:55.360 Antenna Current: 0ma  
 2014-05-02 19:35:55.360 GPS Status  
 2014-05-02 19:35:55.360 Time: 19:35:54  
 2014-05-02 19:35:55.360 Date:  
 2014-05-02 19:35:55.360 Fix Type: 1-D  
 2014-05-02 19:35:55.360 Height:  
 2014-05-02 19:35:55.360 Latitude:  
 2014-05-02 19:35:55.360 Longitude:  
 2014-05-02 19:35:55.360 On Time: 0min  
 2014-05-02 19:35:55.360 Sat. Used: 0  
 2014-05-02 19:35:55.360 In View: 0  
 2014-05-02 19:35:55.360 Checksum Errors: 0  
 2014-05-02 19:35:55.360 Last GPS timemark: 2014-05-02 19:35:53  
 2014-05-02 19:35:55.360 PLL Status  
 2014-05-02 19:35:55.360 State: Lock  
 2014-05-02 19:35:55.360 Initial VCO: 2200.873291  
 2014-05-02 19:35:55.360 Time Error: 0.000000  
 2014-05-02 19:35:55.360 RMS VCO: 0.000000  
 2014-05-02 19:35:55.360 Best VCO: 2200.91  
 2014-05-02 19:35:55.360 Seconds Since Track or Lock: 0.0  
 2014-05-02 19:35:55.360 Vco Control: 2201  
 2014-05-02 19:35:55.360 timing mode: external seascan  
 2014-05-02 19:35:55.360 tempco normal  
 2014-05-02 19:35:55.360 PLL update: 10s PLL lock criterion: 5us  
 2014-05-02 19:35:55.360 Pfrac: 150.00  
 2014-05-02 19:35:55.360 VCO slope: -0.0175000  
 2014-05-02 19:35:55.360 VCO intercept: 7.1100001  
 2014-05-02 19:35:55.360 km delta: 600.0000000  
 2014-05-02 19:35:55.360 Logical Port 4 Status  
 2014-05-02 19:35:55.360 Data Packets Sent: 2742799  
 2014-05-02 19:35:55.360 Flood Packets Sent: 0  
 2014-05-02 19:35:55.360 Packets Re-Sent: 3585  
 2014-05-02 19:35:55.360 Sequence Errors: 0  
 2014-05-02 19:35:55.360 Packet Buffer Used: 22715340  
 2014-05-02 19:35:55.360 Physical Port: Ethernet  
 2014-05-02 19:35:55.360 Baler Model: 14 Software Version: 2.28  
 2014-05-02 19:35:55.360 MAC Address: 00:04:FB:00:02:EA  
 2014-05-02 19:35:55.360 Disk Size: 20000669696  
 2014-05-02 19:35:55.360 Percent of 1177 data files in use: 6.8  
 2014-05-02 19:35:55.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-02 19:35:55.360 Channel Sensitivities (uV per count):  
 2014-05-02 19:35:55.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-02 19:35:55.360 Digitizer Calibration Results:  
 2014-05-02 19:35:55.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-02 19:35:55.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-02 19:35:55.360 DMU1 Software Version=10  
 2014-05-02 19:35:55.360 Supply voltage=12.7  
 2014-05-02 19:35:55.360 Supply Current=0.40  
 2014-05-02 19:35:55.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-02 19:35:55.360 webLink Data Maps Restored  
 2014-05-02 19:35:55.360 [2014-05-02 07:35:00.999998] sequence resumes: 2266210 to  
 2266210  
 2014-05-02 19:35:55.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-02 19:35:54  
 2014-05-02 19:41:25.130 [2014-05-02 19:35:14.000000] total packets received: 51052



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2014-05-02 19:41:25.130 [2014-05-02 19:35:14.000000] command timeouts: 6
2014-05-02 19:41:25.130 [2014-05-02 19:35:14.000000] out of window: 47
2014-05-02 19:41:25.130 written: HHZ-1192 HH1-1388 HH2-1432 BDH-446 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-02 19:41:25.130 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-28
VMZ-2 VM1-2
2014-05-02 19:41:25.130 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-02 19:41:25.130 [2014-05-02 19:35:14.000000] Done: 4605 recs. seq end:
2309423. run: 325 s
2014-05-03 07:42:17.310
2014-05-03 07:42:17.310 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-03 07:42:17.310 Control Port 2491 Opened
2014-05-03 07:42:17.310 Baler ready on Ethernet
2014-05-03 07:42:17.310 Power Cycled Baler Acknowledged
2014-05-03 07:42:17.310 Commands Accepted by Q330
2014-05-03 07:42:17.310 Access timeout: 300 sec
2014-05-03 07:42:17.310 Control Port 4023 Opened
2014-05-03 07:42:17.310 Data Port 4024 Opened
2014-05-03 07:42:17.310 Registered with Q330
2014-05-03 07:42:17.310 Combination Record Received
2014-05-03 07:42:17.310 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-03 07:42:17.310 Link Reset, starting window sequence: 40979
2014-05-03 07:42:17.310 GPS Receiver ID Received
2014-05-03 07:42:17.310 Manufacturer's Data Received, Property Tag=2017
2014-05-03 07:42:17.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4605 recs.
seq end: 2309423
2014-05-03 07:42:17.310 Baler clock set to 2014-05-03 07:42:16
2014-05-03 07:42:17.310 Starting to Read DP Tokens
2014-05-03 07:42:17.310 DP Tokens loaded, size=1474 bytes
2014-05-03 07:42:17.310 Webserver advertising 192.168.200.119:5380
2014-05-03 07:42:17.310 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-03 07:42:17.310 filters & delay HH1:2@100,Linear all=0.320000
2014-05-03 07:42:17.310 filters & delay HH2:3@100,Linear all=0.320000
2014-05-03 07:42:17.310 filters & delay BDH:4@20,Linear all=1.650000
2014-05-03 07:42:17.310 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-03 07:42:17.310 filters & delay LH1:2@1,Linear all=15.000000
2014-05-03 07:42:17.310 filters & delay LH2:3@1,Linear all=15.000000
2014-05-03 07:42:17.310 filters & delay LDH:4@1,Linear all=15.000000
2014-05-03 07:42:17.310 [2014-05-02 19:35:14.000000] continuity found: 2309423
452374514.000000 Q=100
2014-05-03 07:42:17.310 [2014-05-02 19:35:14.000000] restoring continuity
2014-05-03 07:42:17.310 Sending DT_OPEN
2014-05-03 07:42:17.310 Station: XX-2017
2014-05-03 07:42:17.310 Q330 Serial Number: 0100000DB18FC351
2014-05-03 07:42:17.310 AMB Serial Number: 0100000B6909DD82
2014-05-03 07:42:17.310 Seismo 1 Serial Number: 0000000000000000
2014-05-03 07:42:17.310 Seismo 2 Serial Number: 0000000000000000
2014-05-03 07:42:17.310 QAPCHP 1 Serial Number: 4643206
2014-05-03 07:42:17.310 QAPCHP 2 Serial Number: 3743050
2014-05-03 07:42:17.310 KMI Property Tag Number: 2017
2014-05-03 07:42:17.310 System Software Version: 1.146
2014-05-03 07:42:17.310 Slave Processor Version: 1.11
2014-05-03 07:42:17.310 Calibrator Type: QCAL330
2014-05-03 07:42:17.310 Calibrator Version: 1.8
2014-05-03 07:42:17.310 Auxiliary Board Type: None
2014-05-03 07:42:17.310 Clock Type: Motorola M12
2014-05-03 07:42:17.310 PLD Version: 7.9
2014-05-03 07:42:17.310 Total Hours: 65796.13
2014-05-03 07:42:17.310 Power On Hours: 30426.51
2014-05-03 07:42:17.310 Time of Last Boot: 2014-04-06 02:03:58
2014-05-03 07:42:17.310 Total Number of Boots: 120
2014-05-03 07:42:17.310 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-03 07:42:17.310 Total Number of Re-Syncs: 213

```

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2014-05-03 07:42:17.310 Status Inputs: 00000000  
 2014-05-03 07:42:17.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-03 07:42:17.310 Clock Quality: 100%  
 2014-05-03 07:42:17.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-03 07:42:17.310 Clock Phase: 0 usec. max allowed=50000  
 2014-05-03 07:42:17.310 Boom positions:  
 2014-05-03 07:42:17.310 Ch1: -2 ch2: -2 ch3: 1 ch4: 20 ch5: 20 ch6: 20  
 2014-05-03 07:42:17.310 Analog Status  
 2014-05-03 07:42:17.310 Analog Positive Supply: 5.46V  
 2014-05-03 07:42:17.310 Input Voltage: 13.20V  
 2014-05-03 07:42:17.310 System Temperature: 5C  
 2014-05-03 07:42:17.310 Main Current: 62ma  
 2014-05-03 07:42:17.310 Antenna Current: 0ma  
 2014-05-03 07:42:17.310 GPS Status  
 2014-05-03 07:42:17.310 Time: 07:42:16  
 2014-05-03 07:42:17.310 Date:  
 2014-05-03 07:42:17.310 Fix Type: 1-D  
 2014-05-03 07:42:17.310 Height:  
 2014-05-03 07:42:17.310 Latitude:  
 2014-05-03 07:42:17.310 Longitude:  
 2014-05-03 07:42:17.310 On Time: 0min  
 2014-05-03 07:42:17.310 Sat. Used: 0  
 2014-05-03 07:42:17.310 In View: 0  
 2014-05-03 07:42:17.310 Checksum Errors: 0  
 2014-05-03 07:42:17.310 Last GPS timemark: 2014-05-03 07:42:15  
 2014-05-03 07:42:17.310 PLL Status  
 2014-05-03 07:42:17.310 State: Lock  
 2014-05-03 07:42:17.310 Initial VCO: 2200.941895  
 2014-05-03 07:42:17.310 Time Error: 0.000000  
 2014-05-03 07:42:17.310 RMS VCO: 0.0000000  
 2014-05-03 07:42:17.310 Best VCO: 2200.96  
 2014-05-03 07:42:17.310 Seconds Since Track or Lock: 0.0  
 2014-05-03 07:42:17.310 Vco Control: 2201  
 2014-05-03 07:42:17.310 timing mode: external seascan  
 2014-05-03 07:42:17.310 tempco normal  
 2014-05-03 07:42:17.310 PLL update: 10s PLL lock criterion: 5us  
 2014-05-03 07:42:17.310 Pfrac: 150.00  
 2014-05-03 07:42:17.310 VCO slope: -0.0175000  
 2014-05-03 07:42:17.310 VCO intercept: 7.1100001  
 2014-05-03 07:42:17.310 km delta: 600.0000000  
 2014-05-03 07:42:17.310 Logical Port 4 Status  
 2014-05-03 07:42:17.310 Data Packets Sent: 2793774  
 2014-05-03 07:42:17.310 Flood Packets Sent: 0  
 2014-05-03 07:42:17.310 Packets Re-Sent: 3647  
 2014-05-03 07:42:17.310 Sequence Errors: 0  
 2014-05-03 07:42:17.310 Packet Buffer Used: 21406060  
 2014-05-03 07:42:17.310 Physical Port: Ethernet  
 2014-05-03 07:42:17.310 Baler Model: 14 Software Version: 2.28  
 2014-05-03 07:42:17.310 MAC Address: 00:04:FB:00:02:EA  
 2014-05-03 07:42:17.310 Disk Size: 20000669696  
 2014-05-03 07:42:17.310 Percent of 1177 data files in use: 6.9  
 2014-05-03 07:42:17.310 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-03 07:42:17.310 Channel Sensitivities (uV per count):  
 2014-05-03 07:42:17.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-03 07:42:17.310 Digitizer Calibration Results:  
 2014-05-03 07:42:17.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-03 07:42:17.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-03 07:42:17.310 DMU1 Software Version=10  
 2014-05-03 07:42:17.310 Supply Voltage=12.7  
 2014-05-03 07:42:17.310 Supply Current=0.41  
 2014-05-03 07:42:17.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-03 07:42:17.310 WebLink Data Maps Restored  
 2014-05-03 07:42:17.310 [2014-05-02 19:35:14.000000] sequence resumes: 2309423 to

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2309423  
2014-05-03 07:42:17.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-05-03 07:42:16  
2014-05-03 07:44:11.170 [2014-05-03 00:00:00.000000] saving Configuration to Backup  
Memory  
2014-05-03 07:47:32.590 [2014-05-03 07:41:47.999998] total packets received: 44201  
2014-05-03 07:47:32.590 [2014-05-03 07:41:47.999998] command timeouts: 6  
2014-05-03 07:47:32.590 [2014-05-03 07:41:47.999998] out of window: 46  
2014-05-03 07:47:32.590 written: HHZ-1124 HH1-1269 HH2-1306 BDH-438 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-05-03 07:47:32.590 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25  
VMZ-2 VM1-2  
2014-05-03 07:47:32.590 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
2014-05-03 07:47:32.590 [2014-05-03 07:41:47.999998] Done: 4281 recs. seq end:  
2353017. run: 310 s  
2014-05-03 19:48:25.310  
2014-05-03 19:48:25.310 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-05-03 19:48:25.310 Control Port 2491 Opened  
2014-05-03 19:48:25.310 Baler ready on Ethernet  
2014-05-03 19:48:25.310 Power Cycled Baler Acknowledged  
2014-05-03 19:48:25.310 Commands Accepted by Q330  
2014-05-03 19:48:25.310 Access timeout: 300 sec  
2014-05-03 19:48:25.310 Control Port 4023 Opened  
2014-05-03 19:48:25.310 Data Port 4024 Opened  
2014-05-03 19:48:25.310 Registered with Q330  
2014-05-03 19:48:25.310 Combination Record Received  
2014-05-03 19:48:25.310 window=4 Min. Timeout=10 Max. Timeout=30  
2014-05-03 19:48:25.310 Link Reset, starting window sequence: 19564  
2014-05-03 19:48:25.310 GPS Receiver ID Received  
2014-05-03 19:48:25.310 Manufacturer's Data Received, Property Tag=2017  
2014-05-03 19:48:25.310 Digitizer Gain & Offsets Received  
2014-05-03 19:48:25.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4281 recs.  
seq end: 2353017  
2014-05-03 19:48:25.310 Baler clock set to 2014-05-03 19:48:24  
2014-05-03 19:48:25.310 Starting to Read DP Tokens  
2014-05-03 19:48:25.310 DP Tokens loaded, size=1474 bytes  
2014-05-03 19:48:25.310 webserver advertising 192.168.200.119:5380  
2014-05-03 19:48:25.310 filters & delay HHZ:1@100,Linear all=0.320000  
2014-05-03 19:48:25.310 filters & delay HH1:2@100,Linear all=0.320000  
2014-05-03 19:48:25.310 filters & delay HH2:3@100,Linear all=0.320000  
2014-05-03 19:48:25.310 filters & delay BDH:4@20,Linear all=1.650000  
2014-05-03 19:48:25.310 filters & delay LHZ:1@1,Linear all=15.000000  
2014-05-03 19:48:25.310 filters & delay LH1:2@1,Linear all=15.000000  
2014-05-03 19:48:25.310 filters & delay LH2:3@1,Linear all=15.000000  
2014-05-03 19:48:25.310 filters & delay LDH:4@1,Linear all=15.000000  
2014-05-03 19:48:25.310 [2014-05-03 07:41:47.999998] continuity found: 2353017  
452418108.000000 Q=100  
2014-05-03 19:48:25.310 [2014-05-03 07:41:47.999998] restoring continuity  
2014-05-03 19:48:25.310 Sending DT\_OPEN  
2014-05-03 19:48:25.310 Station: XX-2017  
2014-05-03 19:48:25.310 Q330 Serial Number: 0100000DB18FC351  
2014-05-03 19:48:25.310 AMB Serial Number: 0100000B6909DD82  
2014-05-03 19:48:25.310 Seismo 1 Serial Number: 0000000000000000  
2014-05-03 19:48:25.310 Seismo 2 Serial Number: 0000000000000000  
2014-05-03 19:48:25.310 QAPCHP 1 Serial Number: 4643206  
2014-05-03 19:48:25.310 QAPCHP 2 Serial Number: 3743050  
2014-05-03 19:48:25.310 KMI Property Tag Number: 2017  
2014-05-03 19:48:25.310 System Software Version: 1.146  
2014-05-03 19:48:25.310 Slave Processor Version: 1.11  
2014-05-03 19:48:25.310 Calibrator Type: QCAL330  
2014-05-03 19:48:25.310 Calibrator Version: 1.8  
2014-05-03 19:48:25.310 Auxiliary Board Type: None  
2014-05-03 19:48:25.310 Clock Type: Motorola M12

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2014-05-03 19:48:25.310 PLD Version: 7.9  
 2014-05-03 19:48:25.310 Total Hours: 65808.23  
 2014-05-03 19:48:25.310 Power On Hours: 30438.62  
 2014-05-03 19:48:25.310 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-03 19:48:25.310 Total Number of Boots: 120  
 2014-05-03 19:48:25.310 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-03 19:48:25.310 Total Number of Re-Syncs: 213  
 2014-05-03 19:48:25.310 Status Inputs: 00000000  
 2014-05-03 19:48:25.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-03 19:48:25.310 Clock Quality: 100%  
 2014-05-03 19:48:25.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-03 19:48:25.310 Clock Phase: 0 usec. max allowed=50000  
 2014-05-03 19:48:25.310 Boom positions:  
 2014-05-03 19:48:25.310 ch1: -2 ch2: -3 ch3: 2 ch4: 20 ch5: 20 ch6: 20  
 2014-05-03 19:48:25.310 Analog Status  
 2014-05-03 19:48:25.310 Analog Positive Supply: 5.46V  
 2014-05-03 19:48:25.310 Input Voltage: 13.20V  
 2014-05-03 19:48:25.310 System Temperature: 5C  
 2014-05-03 19:48:25.310 Main Current: 62ma  
 2014-05-03 19:48:25.310 Antenna Current: 0ma  
 2014-05-03 19:48:25.310 GPS Status  
 2014-05-03 19:48:25.310 Time: 19:48:24  
 2014-05-03 19:48:25.310 Date:  
 2014-05-03 19:48:25.310 Fix Type: 1-D  
 2014-05-03 19:48:25.310 Height:  
 2014-05-03 19:48:25.310 Latitude:  
 2014-05-03 19:48:25.310 Longitude:  
 2014-05-03 19:48:25.310 On Time: 0min  
 2014-05-03 19:48:25.310 Sat. Used: 0  
 2014-05-03 19:48:25.310 In View: 0  
 2014-05-03 19:48:25.310 Checksum Errors: 0  
 2014-05-03 19:48:25.310 Last GPS timemark: 2014-05-03 19:48:23  
 2014-05-03 19:48:25.310 PLL Status  
 2014-05-03 19:48:25.310 State: Lock  
 2014-05-03 19:48:25.310 Initial VCO: 2200.541260  
 2014-05-03 19:48:25.310 Time Error: 0.000000  
 2014-05-03 19:48:25.310 RMS VCO: 0.000000  
 2014-05-03 19:48:25.310 Best VCO: 2200.44  
 2014-05-03 19:48:25.310 Seconds Since Track or Lock: 0.0  
 2014-05-03 19:48:25.310 Vco Control: 2201  
 2014-05-03 19:48:25.310 timing mode: external seascan  
 2014-05-03 19:48:25.310 tempco normal  
 2014-05-03 19:48:25.310 PLL update: 10s PLL lock criterion: 5us  
 2014-05-03 19:48:25.310 Pfrac: 150.00  
 2014-05-03 19:48:25.310 VCO slope: -0.0175000  
 2014-05-03 19:48:25.310 VCO intercept: 7.1100001  
 2014-05-03 19:48:25.310 Km delta: 600.000000  
 2014-05-03 19:48:25.310 Logical Port 4 Status  
 2014-05-03 19:48:25.310 Data Packets Sent: 2837900  
 2014-05-03 19:48:25.310 Flood Packets Sent: 0  
 2014-05-03 19:48:25.310 Packets Re-Sent: 3704  
 2014-05-03 19:48:25.310 Sequence Errors: 0  
 2014-05-03 19:48:25.310 Packet Buffer Used: 21638168  
 2014-05-03 19:48:25.310 Physical Port: Ethernet  
 2014-05-03 19:48:25.310 MAC Address: 00:04:FB:00:02:EA  
 2014-05-03 19:48:25.310 Disk Size: 20000669696  
 2014-05-03 19:48:25.310 Percent of 1177 data files in use: 7.0  
 2014-05-03 19:48:25.310 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-03 19:48:25.310 Channel sensitivities (uV per count):  
 2014-05-03 19:48:25.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-03 19:48:25.310 Digitizer Calibration Results:  
 2014-05-03 19:48:25.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-03 19:48:25.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2014-05-03 19:48:25.310 DMU1 Software Version=10  
 2014-05-03 19:48:25.310 Supply Voltage=12.7  
 2014-05-03 19:48:25.310 Supply Current=0.40  
 2014-05-03 19:48:25.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-03 19:48:25.310 WebLink Data Maps Restored  
 2014-05-03 19:48:25.310 [2014-05-03 07:41:47.999998] sequence resumes: 2353017 to 2353017  
 2014-05-03 19:48:25.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-03 19:48:24  
 2014-05-03 19:53:51.570 Reducing Status Polling Interval  
 2014-05-03 19:53:51.570 [2014-05-03 19:53:50.999998] total packets received: 47596  
 2014-05-03 19:53:51.570 [2014-05-03 19:53:50.999998] command timeouts: 6  
 2014-05-03 19:53:51.570 [2014-05-03 19:53:50.999998] out of window: 50  
 2014-05-03 19:53:51.570 written: HHZ-1164 HH1-1328 HH2-1298 BDH-435 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-05-03 19:53:51.570 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25  
 VMZ-1 VM1-1  
 2014-05-03 19:53:51.570 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-05-03 19:53:51.570 [2014-05-03 19:53:50.999998] Done: 4360 recs. seq end: 2396940. run: 321 s  
 2014-05-04 07:54:43.370  
 2014-05-04 07:54:43.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-04 07:54:43.370 Control Port 2491 Opened  
 2014-05-04 07:54:43.370 Baler ready on Ethernet  
 2014-05-04 07:54:43.370 Power Cycled Baler Acknowledged  
 2014-05-04 07:54:43.370 Commands Accepted by Q330  
 2014-05-04 07:54:43.370 Access timeout: 300 sec  
 2014-05-04 07:54:43.370 Control Port 4023 Opened  
 2014-05-04 07:54:43.370 Data Port 4024 Opened  
 2014-05-04 07:54:43.370 Registered with Q330  
 2014-05-04 07:54:43.370 Combination Record Received  
 2014-05-04 07:54:43.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-04 07:54:43.370 Link Reset, starting window sequence: 1539  
 2014-05-04 07:54:43.370 GPS Receiver ID Received  
 2014-05-04 07:54:43.370 Manufacturer's Data Received, Property Tag=2017  
 2014-05-04 07:54:43.370 Digitizer Gain & Offsets Received  
 2014-05-04 07:54:43.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4360 recs. seq end: 2396940  
 2014-05-04 07:54:43.370 Baler clock set to 2014-05-04 07:54:42  
 2014-05-04 07:54:43.370 Starting to Read DP Tokens  
 2014-05-04 07:54:43.370 DP Tokens loaded, size=1474 bytes  
 2014-05-04 07:54:43.370 Webserver advertising 192.168.200.119:5380  
 2014-05-04 07:54:43.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-04 07:54:43.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-04 07:54:43.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-04 07:54:43.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-04 07:54:43.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-04 07:54:43.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-04 07:54:43.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-04 07:54:43.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-04 07:54:43.370 [2014-05-03 19:53:50.999998] continuity found: 2396940  
 452462031.000000 Q=100  
 2014-05-04 07:54:43.370 [2014-05-03 19:53:50.999998] restoring continuity  
 2014-05-04 07:54:43.370 Sending DT\_OPEN  
 2014-05-04 07:54:43.370 Station: XX-2017  
 2014-05-04 07:54:43.370 Q330 Serial Number: 0100000DB18FC351  
 2014-05-04 07:54:43.370 AMB Serial Number: 0100000B6909DD82  
 2014-05-04 07:54:43.370 Seismo 1 Serial Number: 0000000000000000  
 2014-05-04 07:54:43.370 Seismo 2 Serial Number: 0000000000000000  
 2014-05-04 07:54:43.370 QAPCHP 1 Serial Number: 4643206  
 2014-05-04 07:54:43.370 QAPCHP 2 Serial Number: 3743050  
 2014-05-04 07:54:43.370 KMI Property Tag Number: 2017  
 2014-05-04 07:54:43.370 System Software Version: 1.146

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2014-05-04 07:54:43.370 Slave Processor Version: 1.11  
 2014-05-04 07:54:43.370 Calibrator Type: QCAL330  
 2014-05-04 07:54:43.370 Calibrator Version: 1.8  
 2014-05-04 07:54:43.370 Auxiliary Board Type: None  
 2014-05-04 07:54:43.370 Clock Type: Motorola M12  
 2014-05-04 07:54:43.370 PLD Version: 7.9  
 2014-05-04 07:54:43.370 Total Hours: 65820.34  
 2014-05-04 07:54:43.370 Power On Hours: 30450.72  
 2014-05-04 07:54:43.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-04 07:54:43.370 Total Number of Boots: 120  
 2014-05-04 07:54:43.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-04 07:54:43.370 Total Number of Re-Syncs: 213  
 2014-05-04 07:54:43.370 Status Inputs: 00000000  
 2014-05-04 07:54:43.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-04 07:54:43.370 Clock Quality: 100%  
 2014-05-04 07:54:43.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-04 07:54:43.370 Clock Phase: 0 usec. max allowed=50000  
 2014-05-04 07:54:43.370 Boom positions:  
 2014-05-04 07:54:43.370 ch1: -2 ch2: -3 ch3: 1 ch4: 20 ch5: 20 ch6: 20  
 2014-05-04 07:54:43.370 Analog Status  
 2014-05-04 07:54:43.370 Analog Positive Supply: 5.46V  
 2014-05-04 07:54:43.370 Input voltage: 13.35V  
 2014-05-04 07:54:43.370 System Temperature: 5C  
 2014-05-04 07:54:43.370 Main Current: 62ma  
 2014-05-04 07:54:43.370 Antenna Current: 0ma  
 2014-05-04 07:54:43.370 GPS Status  
 2014-05-04 07:54:43.370 Time: 07:54:42  
 2014-05-04 07:54:43.370 Date:  
 2014-05-04 07:54:43.370 Fix Type: 1-D  
 2014-05-04 07:54:43.370 Height:  
 2014-05-04 07:54:43.370 Latitude:  
 2014-05-04 07:54:43.370 Longitude:  
 2014-05-04 07:54:43.370 On Time: 0min  
 2014-05-04 07:54:43.370 Sat. Used: 0  
 2014-05-04 07:54:43.370 In View: 0  
 2014-05-04 07:54:43.370 Checksum Errors: 0  
 2014-05-04 07:54:43.370 Last GPS timemark: 2014-05-04 07:54:41  
 2014-05-04 07:54:43.370 PLL Status  
 2014-05-04 07:54:43.370 State: Lock  
 2014-05-04 07:54:43.370 Initial VCO: 2201.060303  
 2014-05-04 07:54:43.370 Time Error: 0.000000  
 2014-05-04 07:54:43.370 RMS VCO: 0.000000  
 2014-05-04 07:54:43.370 Best VCO: 2201.05  
 2014-05-04 07:54:43.370 Seconds Since Track or Lock: 0.0  
 2014-05-04 07:54:43.370 Vco Control: 2201  
 2014-05-04 07:54:43.370 timing mode: external seascan  
 2014-05-04 07:54:43.370 tempco normal  
 2014-05-04 07:54:43.370 PLL update: 10s PLL lock criterion: 5us  
 2014-05-04 07:54:43.370 Pfrac: 150.00  
 2014-05-04 07:54:43.370 VCO slope: -0.0175000  
 2014-05-04 07:54:43.370 VCO intercept: 7.1100001  
 2014-05-04 07:54:43.370 km delta: 600.0000000  
 2014-05-04 07:54:43.370 Logical Port 4 Status  
 2014-05-04 07:54:43.370 Data Packets Sent: 2885416  
 2014-05-04 07:54:43.370 Flood Packets Sent: 0  
 2014-05-04 07:54:43.370 Packets Re-Sent: 3767  
 2014-05-04 07:54:43.370 Sequence Errors: 0  
 2014-05-04 07:54:43.370 Packet Buffer Used: 22280076  
 2014-05-04 07:54:43.370 Physical Port: Ethernet  
 2014-05-04 07:54:43.370 Baler Model: 14 Software Version: 2.28  
 2014-05-04 07:54:43.370 MAC Address: 00:04:FB:00:02:EA  
 2014-05-04 07:54:43.370 Disk Size: 20000669696  
 2014-05-04 07:54:43.370 Percent of 1177 data files in use: 7.1

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2014-05-04 07:54:43.370 Channels Enabled: 1234 Preamps ON channels:
2014-05-04 07:54:43.370 Channel Sensitivities (uV per count):
2014-05-04 07:54:43.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-04 07:54:43.370 Digitizer Calibration Results:
2014-05-04 07:54:43.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-04 07:54:43.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-04 07:54:43.370 DMU1 Software Version=10
2014-05-04 07:54:43.370 Supply Voltage=12.7
2014-05-04 07:54:43.370 Supply Current=0.40
2014-05-04 07:54:43.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-04 07:54:43.370 webLink Data Maps Restored
2014-05-04 07:54:43.370 [2014-05-03 19:53:50.999998] sequence resumes: 2396940 to
2396940
2014-05-04 07:54:43.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-04 07:54:42
2014-05-04 07:56:42.560 [2014-05-04 00:00:00.000000] saving Configuration to Backup
Memory
2014-05-04 08:00:14.290 [2014-05-04 07:49:27.000001] total packets received: 48292
2014-05-04 08:00:14.290 [2014-05-04 07:49:27.000001] command timeouts: 6
2014-05-04 08:00:14.290 [2014-05-04 07:49:27.000001] out of window: 72
2014-05-04 08:00:14.290 written: HHZ-1197 HH1-1334 HH2-1378 BDH-420 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-05-04 08:00:14.290 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-23
VMZ-2 VM1-2
2014-05-04 08:00:14.290 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-05-04 08:00:14.290 [2014-05-04 07:49:27.000001] Done: 4469 recs. seq end:
2439876. run: 325 s
2014-05-04 20:01:04.330
2014-05-04 20:01:04.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-04 20:01:04.330 Control Port 2491 Opened
2014-05-04 20:01:04.330 Baler ready on Ethernet
2014-05-04 20:01:04.330 Power Cycled Baler Acknowledged
2014-05-04 20:01:04.330 Commands Accepted by Q330
2014-05-04 20:01:04.330 Access timeout: 300 sec
2014-05-04 20:01:04.330 Control Port 4023 Opened
2014-05-04 20:01:04.330 Data Port 4024 Opened
2014-05-04 20:01:04.330 Registered with Q330
2014-05-04 20:01:04.330 Combination Record Received
2014-05-04 20:01:04.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-04 20:01:04.330 Link Reset, starting window sequence: 49724
2014-05-04 20:01:04.330 GPS Receiver ID Received
2014-05-04 20:01:04.330 Manufacturer's Data Received, Property Tag=2017
2014-05-04 20:01:04.330 Digitizer Gain & Offsets Received
2014-05-04 20:01:04.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4469 recs.
seq end: 2439876
2014-05-04 20:01:04.330 Baler clock set to 2014-05-04 20:01:03
2014-05-04 20:01:04.330 Starting to Read DP Tokens
2014-05-04 20:01:04.330 DP Tokens loaded, size=1474 bytes
2014-05-04 20:01:04.330 webserver advertising 192.168.200.119:5380
2014-05-04 20:01:04.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-04 20:01:04.330 filters & delay HH1:2@100,Linear all=0.320000
2014-05-04 20:01:04.330 filters & delay HH2:3@100,Linear all=0.320000
2014-05-04 20:01:04.330 filters & delay BDH:4@20,Linear all=1.650000
2014-05-04 20:01:04.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-04 20:01:04.330 filters & delay LH1:2@1,Linear all=15.000000
2014-05-04 20:01:04.330 filters & delay LH2:3@1,Linear all=15.000000
2014-05-04 20:01:04.330 filters & delay LDH:4@1,Linear all=15.000000
2014-05-04 20:01:04.330 [2014-05-04 07:49:27.000001] continuity found: 2439876
452504967.000000 q=100
2014-05-04 20:01:04.330 [2014-05-04 07:49:27.000001] restoring continuity
2014-05-04 20:01:04.330 Sending DT_OPEN
2014-05-04 20:01:04.330 Station: XX-2017
2014-05-04 20:01:04.330 Q330 Serial Number: 0100000DB18FC351

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2014-05-04 20:01:04.330 AMB Serial Number: 0100000B6909DD82  
 2014-05-04 20:01:04.330 Seismo 1 Serial Number: 0000000000000000  
 2014-05-04 20:01:04.330 Seismo 2 Serial Number: 0000000000000000  
 2014-05-04 20:01:04.330 QAPCHP 1 Serial Number: 4643206  
 2014-05-04 20:01:04.330 QAPCHP 2 Serial Number: 3743050  
 2014-05-04 20:01:04.330 KMI Property Tag Number: 2017  
 2014-05-04 20:01:04.330 System Software Version: 1.146  
 2014-05-04 20:01:04.330 Slave Processor Version: 1.11  
 2014-05-04 20:01:04.330 Calibrator Type: QCAL330  
 2014-05-04 20:01:04.330 Calibrator Version: 1.8  
 2014-05-04 20:01:04.330 Auxiliary Board Type: None  
 2014-05-04 20:01:04.330 Clock Type: Motorola M12  
 2014-05-04 20:01:04.330 PLD Version: 7.9  
 2014-05-04 20:01:04.330 Power On Hours: 30462.83  
 2014-05-04 20:01:04.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-04 20:01:04.330 Total Number of Boots: 120  
 2014-05-04 20:01:04.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-04 20:01:04.330 Total Number of Re-Syncs: 213  
 2014-05-04 20:01:04.330 Status Inputs: 00000000  
 2014-05-04 20:01:04.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-04 20:01:04.330 Clock Quality: 100%  
 2014-05-04 20:01:04.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-04 20:01:04.330 Clock Phase: 0 usec. max allowed=50000  
 2014-05-04 20:01:04.330 Boom positions:  
 2014-05-04 20:01:04.330 ch1: -2 ch2: -4 ch3: 1 ch4: 20 ch5: 20 ch6: 20  
 2014-05-04 20:01:04.330 Analog Status  
 2014-05-04 20:01:04.330 Analog Positive Supply: 5.46V  
 2014-05-04 20:01:04.330 Input Voltage: 13.35V  
 2014-05-04 20:01:04.330 System Temperature: 5C  
 2014-05-04 20:01:04.330 Main Current: 61ma  
 2014-05-04 20:01:04.330 Antenna Current: 0ma  
 2014-05-04 20:01:04.330 GPS Status  
 2014-05-04 20:01:04.330 Time: 20:01:03  
 2014-05-04 20:01:04.330 Date:  
 2014-05-04 20:01:04.330 Fix Type: 1-D  
 2014-05-04 20:01:04.330 Height:  
 2014-05-04 20:01:04.330 Latitude:  
 2014-05-04 20:01:04.330 Longitude:  
 2014-05-04 20:01:04.330 On Time: 0min  
 2014-05-04 20:01:04.330 Sat. Used: 0  
 2014-05-04 20:01:04.330 In View: 0  
 2014-05-04 20:01:04.330 Checksum Errors: 0  
 2014-05-04 20:01:04.330 Last GPS timemark: 2014-05-04 20:01:02  
 2014-05-04 20:01:04.330 PLL Status  
 2014-05-04 20:01:04.330 State: Lock  
 2014-05-04 20:01:04.330 Initial VCO: 2200.720215  
 2014-05-04 20:01:04.330 Time Error: 0.000000  
 2014-05-04 20:01:04.330 RMS VCO: 0.000000  
 2014-05-04 20:01:04.330 Best VCO: 2200.68  
 2014-05-04 20:01:04.330 Seconds Since Track or Lock: 0.0  
 2014-05-04 20:01:04.330 Vco Control: 2201  
 2014-05-04 20:01:04.330 timing mode: external seascan  
 2014-05-04 20:01:04.330 tempco normal  
 2014-05-04 20:01:04.330 PLL update: 10s PLL lock criterion: 5us  
 2014-05-04 20:01:04.330 Pfrac: 150.00  
 2014-05-04 20:01:04.330 VCO slope: -0.0175000  
 2014-05-04 20:01:04.330 VCO intercept: 7.1100001  
 2014-05-04 20:01:04.330 km delta: 600.0000000  
 2014-05-04 20:01:04.330 Logical Port 4 Status  
 2014-05-04 20:01:04.330 Data Packets Sent: 2933606  
 2014-05-04 20:01:04.330 Flood Packets Sent: 0  
 2014-05-04 20:01:04.330 Packets Re-Sent: 3851  
 2014-05-04 20:01:04.330 Sequence Errors: 0



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2014-05-04 20:01:04.330 Packet Buffer Used: 21801304
2014-05-04 20:01:04.330 Physical Port: Ethernet
2014-05-04 20:01:04.330 Baler Model: 14   Software Version: 2.28
2014-05-04 20:01:04.330 MAC Address: 00:04:FB:00:02:EA
2014-05-04 20:01:04.330 Disk Size: 20000669696
2014-05-04 20:01:04.330 Percent of 1177 data files in use: 7.1
2014-05-04 20:01:04.330 Channels Enabled: 1234   Preamps ON channels:
2014-05-04 20:01:04.330 Channel Sensitivities (uV per count):
2014-05-04 20:01:04.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-04 20:01:04.330 Digitizer Calibration Results:
2014-05-04 20:01:04.330 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-05-04 20:01:04.330 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-05-04 20:01:04.330 DMU1 Software Version=10
2014-05-04 20:01:04.330 Supply Voltage=12.7
2014-05-04 20:01:04.330 Supply Current=0.41
2014-05-04 20:01:04.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-04 20:01:04.330 webLink Data Maps Restored
2014-05-04 20:01:04.330 [2014-05-04 07:49:27.000001] sequence resumes: 2439876 to
2439876
2014-05-04 20:01:04.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-04 20:01:03
2014-05-04 20:06:30.530 Reducing Status Polling Interval
2014-05-04 20:06:30.530 [2014-05-04 20:06:29.999998] total packets received: 46464
2014-05-04 20:06:30.530 [2014-05-04 20:06:29.999998] command timeouts: 6
2014-05-04 20:06:30.530 [2014-05-04 20:06:29.999998] out of window: 58
2014-05-04 20:06:30.530 written: HHZ-1162 HH1-1297 HH2-1365 BDH-435 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-04 20:06:30.530 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-05-04 20:06:30.530 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-04 20:06:30.530 [2014-05-04 20:06:29.999998] Done: 4402 recs. seq end:
2484099. run: 321 s
2014-05-05 08:07:22.330
2014-05-05 08:07:22.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-05 08:07:22.330 Control Port 2491 Opened
2014-05-05 08:07:22.330 Baler ready on Ethernet
2014-05-05 08:07:22.330 Power Cycled Baler Acknowledged
2014-05-05 08:07:22.330 Commands Accepted by Q330
2014-05-05 08:07:22.330 Access timeout: 300 sec
2014-05-05 08:07:22.330 Control Port 4023 Opened
2014-05-05 08:07:22.330 Data Port 4024 Opened
2014-05-05 08:07:22.330 Registered with Q330
2014-05-05 08:07:22.330 Combination Record Received
2014-05-05 08:07:22.330 Window=4   Min. Timeout=10   Max. Timeout=30
2014-05-05 08:07:22.330 Link Reset, starting window sequence: 30559
2014-05-05 08:07:22.330 GPS Receiver ID Received
2014-05-05 08:07:22.330 Manufacturer's Data Received, Property Tag=2017
2014-05-05 08:07:22.330 Digitizer Gain & Offsets Received
2014-05-05 08:07:22.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4402 recs.
seq end: 2484099
2014-05-05 08:07:22.330 Baler clock set to 2014-05-05 08:07:21
2014-05-05 08:07:22.330 Starting to Read DP Tokens
2014-05-05 08:07:22.330 DP Tokens loaded, size=1474 bytes
2014-05-05 08:07:22.330 webserver advertising 192.168.200.119:5380
2014-05-05 08:07:22.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-05 08:07:22.330 filters & delay HH1:2@100,Linear all=0.320000
2014-05-05 08:07:22.330 filters & delay HH2:3@100,Linear all=0.320000
2014-05-05 08:07:22.330 filters & delay BDH:4@20,Linear all=1.650000
2014-05-05 08:07:22.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-05 08:07:22.330 filters & delay LH1:2@1,Linear all=15.000000
2014-05-05 08:07:22.330 filters & delay LH2:3@1,Linear all=15.000000
2014-05-05 08:07:22.330 filters & delay LDH:4@1,Linear all=15.000000
2014-05-05 08:07:22.330 [2014-05-04 20:06:29.999998] continuity found: 2484099

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452549190.000000 Q=100
2014-05-05 08:07:22.330 [2014-05-04 20:06:29.999998] restoring continuity
2014-05-05 08:07:22.330 Sending DT_OPEN
2014-05-05 08:07:22.330 Station: XX-2017
2014-05-05 08:07:22.330 Q330 Serial Number: 0100000DB18FC351
2014-05-05 08:07:22.330 AMB Serial Number: 0100000B6909DD82
2014-05-05 08:07:22.330 Seismo 1 Serial Number: 0000000000000000
2014-05-05 08:07:22.330 Seismo 2 Serial Number: 0000000000000000
2014-05-05 08:07:22.330 QAPCHP 1 Serial Number: 4643206
2014-05-05 08:07:22.330 QAPCHP 2 Serial Number: 3743050
2014-05-05 08:07:22.330 KMI Property Tag Number: 2017
2014-05-05 08:07:22.330 System Software Version: 1.146
2014-05-05 08:07:22.330 Slave Processor Version: 1.11
2014-05-05 08:07:22.330 Calibrator Type: QCAL330
2014-05-05 08:07:22.330 Calibrator Version: 1.8
2014-05-05 08:07:22.330 Auxiliary Board Type: None
2014-05-05 08:07:22.330 Clock Type: Motorola M12
2014-05-05 08:07:22.330 PLD Version: 7.9
2014-05-05 08:07:22.330 Total Hours: 65844.55
2014-05-05 08:07:22.330 Power On Hours: 30474.93
2014-05-05 08:07:22.330 Time of Last Boot: 2014-04-06 02:03:58
2014-05-05 08:07:22.330 Total Number of Boots: 120
2014-05-05 08:07:22.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-05 08:07:22.330 Total Number of Re-Syncs: 213
2014-05-05 08:07:22.330 Status Inputs: 00000000
2014-05-05 08:07:22.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-05 08:07:22.330 Clock Quality: 100%
2014-05-05 08:07:22.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-05 08:07:22.330 Clock Phase: 0 usec. max allowed=50000
2014-05-05 08:07:22.330 Boom positions:
2014-05-05 08:07:22.330 ch1: -2 ch2: -6 ch3: 1 ch4: 20 ch5: 20 ch6: 20
2014-05-05 08:07:22.330 Analog Status
2014-05-05 08:07:22.330 Analog Positive Supply: 5.46V
2014-05-05 08:07:22.330 Input Voltage: 13.20V
2014-05-05 08:07:22.330 System Temperature: 5C
2014-05-05 08:07:22.330 Main Current: 62ma
2014-05-05 08:07:22.330 Antenna Current: 0ma
2014-05-05 08:07:22.330 GPS Status
2014-05-05 08:07:22.330 Time: 08:07:21
2014-05-05 08:07:22.330 Date:
2014-05-05 08:07:22.330 Fix Type: 1-D
2014-05-05 08:07:22.330 Height:
2014-05-05 08:07:22.330 Latitude:
2014-05-05 08:07:22.330 Longitude:
2014-05-05 08:07:22.330 On Time: 0min
2014-05-05 08:07:22.330 Sat. Used: 0
2014-05-05 08:07:22.330 In View: 0
2014-05-05 08:07:22.330 Checksum Errors: 0
2014-05-05 08:07:22.330 Last GPS timemark: 2014-05-05 08:07:20
2014-05-05 08:07:22.330 PLL Status
2014-05-05 08:07:22.330 State: Lock
2014-05-05 08:07:22.330 Initial VCO: 2200.182129
2014-05-05 08:07:22.330 Time Error: 0.000000
2014-05-05 08:07:22.330 RMS VCO: 0.000000
2014-05-05 08:07:22.330 Best VCO: 2200.11
2014-05-05 08:07:22.330 Seconds Since Track or Lock: 0.0
2014-05-05 08:07:22.330 Vco Control: 2200
2014-05-05 08:07:22.330 timing mode: external seascan
2014-05-05 08:07:22.330 tempco normal
2014-05-05 08:07:22.330 PLL update: 10s PLL lock criterion: 5us
2014-05-05 08:07:22.330 Pfrac: 150.00
2014-05-05 08:07:22.330 VCO slope: -0.0175000
2014-05-05 08:07:22.330 VCO intercept: 7.1100001

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2014-05-05 08:07:22.330 Km delta: 600.000000
2014-05-05 08:07:22.330 Logical Port 4 Status
2014-05-05 08:07:22.330 Data Packets Sent: 2979982
2014-05-05 08:07:22.330 Flood Packets Sent: 0
2014-05-05 08:07:22.330 Packets Re-Sent: 3922
2014-05-05 08:07:22.330 Sequence Errors: 0
2014-05-05 08:07:22.330 Packet Buffer Used: 20965848
2014-05-05 08:07:22.330 Physical Port: Ethernet
2014-05-05 08:07:22.330 Baler Model: 14 Software Version: 2.28
2014-05-05 08:07:22.330 MAC Address: 00:04:FB:00:02:EA
2014-05-05 08:07:22.330 Disk Size: 20000669696
2014-05-05 08:07:22.330 Percent of 1177 data files in use: 7.2
2014-05-05 08:07:22.330 Channels Enabled: 1234 Preamps ON channels:
2014-05-05 08:07:22.330 Channel Sensitivities (uV per count):
2014-05-05 08:07:22.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-05 08:07:22.330 Digitizer Calibration Results:
2014-05-05 08:07:22.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-05 08:07:22.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-05 08:07:22.330 DMU1 Software Version=10
2014-05-05 08:07:22.330 Supply Voltage=12.7
2014-05-05 08:07:22.330 Supply Current=0.40
2014-05-05 08:07:22.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-05 08:07:22.330 webLink Data Maps Restored
2014-05-05 08:07:22.330 [2014-05-04 20:06:29.999998] sequence resumes: 2484099 to
2484099
2014-05-05 08:07:22.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-05 08:07:21
2014-05-05 08:09:04.600 [2014-05-05 00:00:00.000000] saving Configuration to Backup
Memory
2014-05-05 08:09:04.600 Reducing Status Polling Interval
2014-05-05 08:12:32.930 [2014-05-05 08:03:48.000000] total packets received: 43402
2014-05-05 08:12:32.930 [2014-05-05 08:03:48.000000] command timeouts: 6
2014-05-05 08:12:32.930 [2014-05-05 08:03:48.000000] out of window: 48
2014-05-05 08:12:32.930 written: HHZ-1094 HH1-1254 HH2-1253 BDH-422 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-05-05 08:12:32.930 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-05-05 08:12:32.930 written: VM2-1 LOG-3 ACE-2 OCF-2
2014-05-05 08:12:32.930 [2014-05-05 08:03:48.000000] Done: 4159 recs. seq end:
2527137. run: 305 s
2014-05-05 20:13:21.320
2014-05-05 20:13:21.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-05 20:13:21.320 Control Port 2491 Opened
2014-05-05 20:13:21.320 Baler ready on Ethernet
2014-05-05 20:13:21.320 Commands Accepted by Q330
2014-05-05 20:13:21.320 Access timeout: 300 sec
2014-05-05 20:13:21.320 Control Port 4023 Opened
2014-05-05 20:13:21.320 Data Port 4024 Opened
2014-05-05 20:13:21.320 Registered with Q330
2014-05-05 20:13:21.320 Combination Record Received
2014-05-05 20:13:21.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-05 20:13:21.320 Link Reset, starting window sequence: 8320
2014-05-05 20:13:21.320 GPS Receiver ID Received
2014-05-05 20:13:21.320 Manufacturer's Data Received, Property Tag=2017
2014-05-05 20:13:21.320 Digitizer Gain & Offsets Received
2014-05-05 20:13:21.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4159 recs.
seq end: 2527137
2014-05-05 20:13:21.320 Baler clock set to 2014-05-05 20:13:20
2014-05-05 20:13:21.320 Starting to Read DP Tokens
2014-05-05 20:13:21.320 DP Tokens loaded, size=1474 bytes
2014-05-05 20:13:21.320 webserver advertising 192.168.200.119:5380
2014-05-05 20:13:21.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-05 20:13:21.320 filters & delay HH1:2@100,Linear all=0.320000

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2014-05-05 20:13:21.320 filters & delay HH2:3@100,Linear all=0.320000
2014-05-05 20:13:21.320 filters & delay BDH:4@20,Linear all=1.650000
2014-05-05 20:13:21.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-05 20:13:21.320 filters & delay LH1:2@1,Linear all=15.000000
2014-05-05 20:13:21.320 filters & delay LH2:3@1,Linear all=15.000000
2014-05-05 20:13:21.320 filters & delay LDH:4@1,Linear all=15.000000
2014-05-05 20:13:21.320 [2014-05-05 08:03:48.000000] continuity found: 2527137
452592228.000000 Q=100
2014-05-05 20:13:21.320 [2014-05-05 08:03:48.000000] restoring continuity
2014-05-05 20:13:21.320 Sending DT_OPEN
2014-05-05 20:13:21.320 Station: XX-2017
2014-05-05 20:13:21.320 Q330 Serial Number: 0100000DB18FC351
2014-05-05 20:13:21.320 AMB Serial Number: 0100000B6909DD82
2014-05-05 20:13:21.320 Seismo 1 Serial Number: 0000000000000000
2014-05-05 20:13:21.320 Seismo 2 Serial Number: 0000000000000000
2014-05-05 20:13:21.320 QAPCHP 1 Serial Number: 4643206
2014-05-05 20:13:21.320 QAPCHP 2 Serial Number: 3743050
2014-05-05 20:13:21.320 KMI Property Tag Number: 2017
2014-05-05 20:13:21.320 System Software Version: 1.146
2014-05-05 20:13:21.320 Slave Processor Version: 1.11
2014-05-05 20:13:21.320 Calibrator Type: QCAL330
2014-05-05 20:13:21.320 Calibrator Version: 1.8
2014-05-05 20:13:21.320 Auxiliary Board Type: None
2014-05-05 20:13:21.320 Clock Type: Motorola M12
2014-05-05 20:13:21.320 PLD Version: 7.9
2014-05-05 20:13:21.320 Total Hours: 65856.65
2014-05-05 20:13:21.320 Power On Hours: 30487.03
2014-05-05 20:13:21.320 Time of Last Boot: 2014-04-06 02:03:58
2014-05-05 20:13:21.320 Total Number of Boots: 120
2014-05-05 20:13:21.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-05 20:13:21.320 Total Number of Re-Syncs: 213
2014-05-05 20:13:21.320 Status Inputs: 00000000
2014-05-05 20:13:21.320 AC OK: Off, Input 1,2: off,off, Analog Fault: off
2014-05-05 20:13:21.320 Clock Quality: 100%
2014-05-05 20:13:21.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-05 20:13:21.320 Clock Phase: 0 usec. max allowed=50000
2014-05-05 20:13:21.320 Boom positions:
2014-05-05 20:13:21.320 Ch1: -2 Ch2: -6 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-05 20:13:21.320 Analog Status
2014-05-05 20:13:21.320 Analog Positive Supply: 5.46V
2014-05-05 20:13:21.320 Input Voltage: 13.35V
2014-05-05 20:13:21.320 System Temperature: 5C
2014-05-05 20:13:21.320 Main Current: 61ma
2014-05-05 20:13:21.320 Antenna Current: 0ma
2014-05-05 20:13:21.320 GPS Status
2014-05-05 20:13:21.320 Time: 20:13:20
2014-05-05 20:13:21.320 Date:
2014-05-05 20:13:21.320 Fix Type: 1-D
2014-05-05 20:13:21.320 Height:
2014-05-05 20:13:21.320 Latitude:
2014-05-05 20:13:21.320 Longitude:
2014-05-05 20:13:21.320 On Time: 0min
2014-05-05 20:13:21.320 Sat. Used: 0
2014-05-05 20:13:21.320 In View: 0
2014-05-05 20:13:21.320 Checksum Errors: 0
2014-05-05 20:13:21.320 Last GPS timemark: 2014-05-05 20:13:19
2014-05-05 20:13:21.320 PLL Status
2014-05-05 20:13:21.320 State: Lock
2014-05-05 20:13:21.320 Initial VCO: 2200.805420
2014-05-05 20:13:21.320 Time Error: 0.000000
2014-05-05 20:13:21.320 RMS VCO: 0.0000000
2014-05-05 20:13:21.320 Best VCO: 2200.45
2014-05-05 20:13:21.320 Seconds Since Track or Lock: 0.0

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2014-05-05 20:13:21.320 Vco Control: 2201
2014-05-05 20:13:21.320 timing mode: external seascan
2014-05-05 20:13:21.320 tempco normal
2014-05-05 20:13:21.320 PLL update: 10s PLL lock criterion: 5us
2014-05-05 20:13:21.320 Pfrac: 150.00
2014-05-05 20:13:21.320 VCO slope: -0.0175000
2014-05-05 20:13:21.320 VCO intercept: 7.1100001
2014-05-05 20:13:21.320 Km delta: 600.0000000
2014-05-05 20:13:21.320 Logical Port 4 Status
2014-05-05 20:13:21.320 Data Packets Sent: 3023284
2014-05-05 20:13:21.320 Flood Packets Sent: 0
2014-05-05 20:13:21.320 Packets Re-Sent: 3982
2014-05-05 20:13:21.320 Sequence Errors: 0
2014-05-05 20:13:21.320 Packet Buffer Used: 22615160
2014-05-05 20:13:21.320 Physical Port: Ethernet
2014-05-05 20:13:21.320 Baler Model: 14 Software Version: 2.28
2014-05-05 20:13:21.320 MAC Address: 00:04:FB:00:02:EA
2014-05-05 20:13:21.320 Disk Size: 20000669696
2014-05-05 20:13:21.320 Percent of 1177 data files in use: 7.3
2014-05-05 20:13:21.320 Channels Enabled: 1234 Preamps ON channels:
2014-05-05 20:13:21.320 Channel Sensitivities (uV per count):
2014-05-05 20:13:21.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-05 20:13:21.320 Digitizer Calibration Results:
2014-05-05 20:13:21.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-05 20:13:21.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-05 20:13:21.320 DMU1 Software Version=10
2014-05-05 20:13:21.320 Supply Voltage=12.7
2014-05-05 20:13:21.320 Supply Current=0.41
2014-05-05 20:13:21.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-05 20:13:21.320 WebLink Data Maps Restored
2014-05-05 20:13:21.320 [2014-05-05 08:03:48.000000] sequence resumes: 2527137 to
2527137
2014-05-05 20:13:21.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-05 20:13:20
2014-05-05 20:18:58.840 Reducing Status Polling Interval
2014-05-05 20:18:58.840 [2014-05-05 20:18:57.999998] total packets received: 48233
2014-05-05 20:18:58.840 [2014-05-05 20:18:57.999998] command timeouts: 6
2014-05-05 20:18:58.840 [2014-05-05 20:18:57.999998] out of window: 67
2014-05-05 20:18:58.840 written: HHZ-1197 HH1-1395 HH2-1417 BDH-455 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-05 20:18:58.840 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-25 LH2-26 LDH-30
VMZ-2 VM1-2
2014-05-05 20:18:58.840 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-05 20:18:58.840 [2014-05-05 20:18:57.999998] Done: 4614 recs. seq end:
2571247. run: 332 s
2014-05-06 08:19:50.360
2014-05-06 08:19:50.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-06 08:19:50.360 Control Port 2491 Opened
2014-05-06 08:19:50.360 Baler ready on Ethernet
2014-05-06 08:19:50.360 Power Cycled Baler Acknowledged
2014-05-06 08:19:50.360 Commands Accepted by Q330
2014-05-06 08:19:50.360 Access timeout: 300 sec
2014-05-06 08:19:50.360 Control Port 4023 Opened
2014-05-06 08:19:50.360 Data Port 4024 Opened
2014-05-06 08:19:50.360 Registered with Q330
2014-05-06 08:19:50.360 Combination Record Received
2014-05-06 08:19:50.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-06 08:19:50.360 Link Reset, starting window sequence: 56450
2014-05-06 08:19:50.360 GPS Receiver ID Received
2014-05-06 08:19:50.360 Manufacturer's Data Received, Property Tag=2017
2014-05-06 08:19:50.360 Digitizer Gain & Offsets Received
2014-05-06 08:19:50.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4614 recs.
seq end: 2571247

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2014-05-06 08:19:50.360 Baler clock set to 2014-05-06 08:19:49  
 2014-05-06 08:19:50.360 Starting to Read DP Tokens  
 2014-05-06 08:19:50.360 DP Tokens loaded, size=1474 bytes  
 2014-05-06 08:19:50.360 Webserver advertising 192.168.200.119:5380  
 2014-05-06 08:19:50.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-06 08:19:50.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-06 08:19:50.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-06 08:19:50.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-06 08:19:50.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-06 08:19:50.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-06 08:19:50.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-06 08:19:50.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-06 08:19:50.360 [2014-05-05 20:18:57.999998] continuity found: 2571247  
 452636338.000000 Q=100  
 2014-05-06 08:19:50.360 [2014-05-05 20:18:57.999998] restoring continuity  
 2014-05-06 08:19:50.360 Sending DT\_OPEN  
 2014-05-06 08:19:50.360 Station: XX-2017  
 2014-05-06 08:19:50.360 Q330 Serial Number: 0100000DB18FC351  
 2014-05-06 08:19:50.360 AMB Serial Number: 0100000B6909DD82  
 2014-05-06 08:19:50.360 Seismo 1 Serial Number: 0000000000000000  
 2014-05-06 08:19:50.360 Seismo 2 Serial Number: 0000000000000000  
 2014-05-06 08:19:50.360 QAPCHP 1 Serial Number: 4643206  
 2014-05-06 08:19:50.360 QAPCHP 2 Serial Number: 3743050  
 2014-05-06 08:19:50.360 KMI Property Tag Number: 2017  
 2014-05-06 08:19:50.360 System Software Version: 1.146  
 2014-05-06 08:19:50.360 Slave Processor Version: 1.11  
 2014-05-06 08:19:50.360 Calibrator Type: QCAL330  
 2014-05-06 08:19:50.360 Calibrator Version: 1.8  
 2014-05-06 08:19:50.360 Auxiliary Board Type: None  
 2014-05-06 08:19:50.360 Clock Type: Motorola M12  
 2014-05-06 08:19:50.360 PLD Version: 7.9  
 2014-05-06 08:19:50.360 Total Hours: 65868.76  
 2014-05-06 08:19:50.360 Power On Hours: 30499.14  
 2014-05-06 08:19:50.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-06 08:19:50.360 Total Number of Boots: 120  
 2014-05-06 08:19:50.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-06 08:19:50.360 Total Number of Re-Syncs: 213  
 2014-05-06 08:19:50.360 Status Inputs: 00000000  
 2014-05-06 08:19:50.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-05-06 08:19:50.360 Clock Quality: 100%  
 2014-05-06 08:19:50.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-06 08:19:50.360 Clock Phase: 0 usec. max allowed=50000  
 2014-05-06 08:19:50.360 Boom positions:  
 2014-05-06 08:19:50.360 Ch1: -1 Ch2: -7 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-06 08:19:50.360 Analog Status  
 2014-05-06 08:19:50.360 Analog Positive Supply: 5.46V  
 2014-05-06 08:19:50.360 Input Voltage: 13.20V  
 2014-05-06 08:19:50.360 System Temperature: 5C  
 2014-05-06 08:19:50.360 Main Current: 61ma  
 2014-05-06 08:19:50.360 Antenna Current: 0ma  
 2014-05-06 08:19:50.360 GPS Status  
 2014-05-06 08:19:50.360 Time: 08:19:49  
 2014-05-06 08:19:50.360 Date:  
 2014-05-06 08:19:50.360 Fix Type: 1-D  
 2014-05-06 08:19:50.360 Height:  
 2014-05-06 08:19:50.360 Latitude:  
 2014-05-06 08:19:50.360 Longitude:  
 2014-05-06 08:19:50.360 On Time: 0min  
 2014-05-06 08:19:50.360 Sat. Used: 0  
 2014-05-06 08:19:50.360 In View: 0  
 2014-05-06 08:19:50.360 Checksum Errors: 0  
 2014-05-06 08:19:50.360 Last GPS timemark: 2014-05-06 08:19:48  
 2014-05-06 08:19:50.360 PLL Status

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2014-05-06 08:19:50.360 State: Lock  
 2014-05-06 08:19:50.360 Initial VCO: 2200.313721  
 2014-05-06 08:19:50.360 Time Error: 0.000000  
 2014-05-06 08:19:50.360 RMS VCO: 0.0000000  
 2014-05-06 08:19:50.360 Best VCO: 2200.26  
 2014-05-06 08:19:50.360 Seconds Since Track or Lock: 0.0  
 2014-05-06 08:19:50.360 Vco Control: 2200  
 2014-05-06 08:19:50.360 timing mode: external seascan  
 2014-05-06 08:19:50.360 tempco normal  
 2014-05-06 08:19:50.360 Pfrac: 150.00  
 2014-05-06 08:19:50.360 VCO slope: -0.0175000  
 2014-05-06 08:19:50.360 VCO intercept: 7.1100001  
 2014-05-06 08:19:50.360 km delta: 600.0000000  
 2014-05-06 08:19:50.360 Logical Port 4 Status  
 2014-05-06 08:19:50.360 Data Packets Sent: 3071419  
 2014-05-06 08:19:50.360 Flood Packets Sent: 0  
 2014-05-06 08:19:50.360 Packets Re-Sent: 4063  
 2014-05-06 08:19:50.360 Sequence Errors: 0  
 2014-05-06 08:19:50.360 Packet Buffer Used: 21645540  
 2014-05-06 08:19:50.360 Physical Port: Ethernet  
 2014-05-06 08:19:50.360 Baler Model: 14 Software Version: 2.28  
 2014-05-06 08:19:50.360 MAC Address: 00:04:FB:00:02:EA  
 2014-05-06 08:19:50.360 Disk Size: 20000669696  
 2014-05-06 08:19:50.360 Percent of 1177 data files in use: 7.4  
 2014-05-06 08:19:50.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-06 08:19:50.360 Channel Sensitivities (uV per count):  
 2014-05-06 08:19:50.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-06 08:19:50.360 Digitizer Calibration Results:  
 2014-05-06 08:19:50.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-06 08:19:50.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-06 08:19:50.360 DMU1 Software Version=10  
 2014-05-06 08:19:50.360 Supply Voltage=12.6  
 2014-05-06 08:19:50.360 Supply Current=0.41  
 2014-05-06 08:19:50.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-06 08:19:50.360 webLink Data Maps Restored  
 2014-05-06 08:19:50.360 [2014-05-05 20:18:57.999998] sequence resumes: 2571247 to  
 2571247  
 2014-05-06 08:19:50.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-06 08:19:49  
 2014-05-06 08:21:26.810 [2014-05-06 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-05-06 08:25:13.100 Reducing Status Polling Interval  
 2014-05-06 08:25:13.100 [2014-05-06 08:25:13.000000] total packets received: 46270  
 2014-05-06 08:25:13.100 [2014-05-06 08:25:13.000000] command timeouts: 6  
 2014-05-06 08:25:13.100 [2014-05-06 08:25:13.000000] out of window: 55  
 2014-05-06 08:25:13.100 written: HHZ-1160 HH1-1332 HH2-1304 BDH-435 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-05-06 08:25:13.100 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-05-06 08:25:13.100 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-05-06 08:25:13.100 [2014-05-06 08:25:13.000000] Done: 4376 recs. seq end:  
 2614822. run: 318 s  
 2014-05-06 20:26:05.330  
 2014-05-06 20:26:05.330 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-06 20:26:05.330 Control Port 2491 Opened  
 2014-05-06 20:26:05.330 Baler ready on Ethernet  
 2014-05-06 20:26:05.330 Power Cycled Baler Acknowledged  
 2014-05-06 20:26:05.330 Commands Accepted by Q330  
 2014-05-06 20:26:05.330 Access timeout: 300 sec  
 2014-05-06 20:26:05.330 Control Port 4023 Opened  
 2014-05-06 20:26:05.330 Data Port 4024 Opened  
 2014-05-06 20:26:05.330 Registered with Q330  
 2014-05-06 20:26:05.330 Combination Record Received

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2014-05-06 20:26:05.330 window=4   Min. Timeout=10   Max. Timeout=30
2014-05-06 20:26:05.330 Link Reset, starting window sequence: 37094
2014-05-06 20:26:05.330 GPS Receiver ID Received
2014-05-06 20:26:05.330 Manufacturer's Data Received, Property Tag=2017
2014-05-06 20:26:05.330 Digitizer Gain & Offsets Received
2014-05-06 20:26:05.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4376 recs.
seq end: 2614822
2014-05-06 20:26:05.330 Baler clock set to 2014-05-06 20:26:04
2014-05-06 20:26:05.330 Starting to Read DP Tokens
2014-05-06 20:26:05.330 DP Tokens loaded, size=1474 bytes
2014-05-06 20:26:05.330 webserver advertising 192.168.200.119:5380
2014-05-06 20:26:05.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-06 20:26:05.330 filters & delay HH1:2@100,Linear all=0.320000
2014-05-06 20:26:05.330 filters & delay HH2:3@100,Linear all=0.320000
2014-05-06 20:26:05.330 filters & delay BDH:4@20,Linear all=1.650000
2014-05-06 20:26:05.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-06 20:26:05.330 filters & delay LH1:2@1,Linear all=15.000000
2014-05-06 20:26:05.330 filters & delay LH2:3@1,Linear all=15.000000
2014-05-06 20:26:05.330 filters & delay LDH:4@1,Linear all=15.000000
2014-05-06 20:26:05.330 [2014-05-06 08:25:13.000000] continuity found: 2614822
452679913.000000  Q=100
2014-05-06 20:26:05.330 [2014-05-06 08:25:13.000000] restoring continuity
2014-05-06 20:26:05.330 Sending DT_OPEN
2014-05-06 20:26:05.330 Station: XX-2017
2014-05-06 20:26:05.330 Q330 Serial Number: 0100000DB18FC351
2014-05-06 20:26:05.330 AMB Serial Number: 0100000B6909DD82
2014-05-06 20:26:05.330 Seismo 1 Serial Number: 0000000000000000
2014-05-06 20:26:05.330 Seismo 2 Serial Number: 0000000000000000
2014-05-06 20:26:05.330 QAPCHP 1 Serial Number: 4643206
2014-05-06 20:26:05.330 QAPCHP 2 Serial Number: 3743050
2014-05-06 20:26:05.330 KMI Property Tag Number: 2017
2014-05-06 20:26:05.330 System Software Version: 1.146
2014-05-06 20:26:05.330 Slave Processor Version: 1.11
2014-05-06 20:26:05.330 Calibrator Type: QCAL330
2014-05-06 20:26:05.330 Calibrator Version: 1.8
2014-05-06 20:26:05.330 Auxiliary Board Type: None
2014-05-06 20:26:05.330 Clock Type: Motorola M12
2014-05-06 20:26:05.330 PLD Version: 7.9
2014-05-06 20:26:05.330 Total Hours: 65880.86
2014-05-06 20:26:05.330 Power On Hours: 30511.25
2014-05-06 20:26:05.330 Time of Last Boot: 2014-04-06 02:03:58
2014-05-06 20:26:05.330 Total Number of Boots: 120
2014-05-06 20:26:05.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-06 20:26:05.330 Total Number of Re-Syncs: 213
2014-05-06 20:26:05.330 Status Inputs: 00000000
2014-05-06 20:26:05.330 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-05-06 20:26:05.330 Clock Quality: 100%
2014-05-06 20:26:05.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-06 20:26:05.330 Clock Phase: 0 usec. max allowed=50000
2014-05-06 20:26:05.330 Boom positions:
2014-05-06 20:26:05.330 ch1: -2 ch2: -8 ch3: 0 ch4: 20 ch5: 20 ch6: 20
2014-05-06 20:26:05.330 Analog Status
2014-05-06 20:26:05.330 Analog Positive Supply: 5.46V
2014-05-06 20:26:05.330 Input Voltage: 13.20V
2014-05-06 20:26:05.330 System Temperature: 5C
2014-05-06 20:26:05.330 Main Current: 62ma
2014-05-06 20:26:05.330 Antenna Current: 0ma
2014-05-06 20:26:05.330 GPS Status
2014-05-06 20:26:05.330 Time: 20:26:04
2014-05-06 20:26:05.330 Date:
2014-05-06 20:26:05.330 Fix Type: 1-D
2014-05-06 20:26:05.330 Height:
2014-05-06 20:26:05.330 Latitude:

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2014-05-06 20:26:05.330 Longitude:
2014-05-06 20:26:05.330 On Time: 0min
2014-05-06 20:26:05.330 Sat. Used: 0
2014-05-06 20:26:05.330 In View: 0
2014-05-06 20:26:05.330 Checksum Errors: 0
2014-05-06 20:26:05.330 Last GPS timemark: 2014-05-06 20:26:03
2014-05-06 20:26:05.330 PLL Status
2014-05-06 20:26:05.330 State: Lock
2014-05-06 20:26:05.330 Initial VCO: 2200.479736
2014-05-06 20:26:05.330 Time Error: 0.000000
2014-05-06 20:26:05.330 RMS VCO: 0.0000000
2014-05-06 20:26:05.330 Best VCO: 2200.50
2014-05-06 20:26:05.330 Seconds Since Track or Lock: 0.0
2014-05-06 20:26:05.330 Vco Control: 2200
2014-05-06 20:26:05.330 timing mode: external seascan
2014-05-06 20:26:05.330 tempco normal
2014-05-06 20:26:05.330 PLL update: 10s PLL lock criterion: 5us
2014-05-06 20:26:05.330 Pfrac: 150.00
2014-05-06 20:26:05.330 VCO slope: -0.0175000
2014-05-06 20:26:05.330 VCO intercept: 7.1100001
2014-05-06 20:26:05.330 km delta: 600.0000000
2014-05-06 20:26:05.330 Logical Port 4 Status
2014-05-06 20:26:05.330 Data Packets Sent: 3117604
2014-05-06 20:26:05.330 Flood Packets Sent: 0
2014-05-06 20:26:05.330 Packets Re-Sent: 4130
2014-05-06 20:26:05.330 Sequence Errors: 0
2014-05-06 20:26:05.330 Packet Buffer Used: 21722396
2014-05-06 20:26:05.330 Physical Port: Ethernet
2014-05-06 20:26:05.330 Baler Model: 14 Software Version: 2.28
2014-05-06 20:26:05.330 MAC Address: 00:04:FB:00:02:EA
2014-05-06 20:26:05.330 Disk Size: 20000669696
2014-05-06 20:26:05.330 Percent of 1177 data files in use: 7.4
2014-05-06 20:26:05.330 Channels Enabled: 1234 Preamps ON channels:
2014-05-06 20:26:05.330 Channel sensitivities (uV per count):
2014-05-06 20:26:05.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-06 20:26:05.330 Digitizer Calibration Results:
2014-05-06 20:26:05.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-06 20:26:05.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-06 20:26:05.330 DMU1 Software Version=10
2014-05-06 20:26:05.330 Supply Voltage=12.7
2014-05-06 20:26:05.330 Supply Current=0.41
2014-05-06 20:26:05.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-06 20:26:05.330 webLink Data Maps Restored
2014-05-06 20:26:05.330 [2014-05-06 08:25:13.000000] sequence resumes: 2614822 to
2614822
2014-05-06 20:26:05.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-06 20:26:04
2014-05-06 20:31:28.400 Reducing Status Polling Interval
2014-05-06 20:31:28.400 [2014-05-06 20:31:27.999998] total packets received: 44313
2014-05-06 20:31:28.400 [2014-05-06 20:31:27.999998] command timeouts: 6
2014-05-06 20:31:28.400 [2014-05-06 20:31:27.999998] out of window: 64
2014-05-06 20:31:28.400 written: HHZ-1137 HH1-1350 HH2-1337 BDH-439 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-05-06 20:31:28.400 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2014-05-06 20:31:28.400 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-06 20:31:28.400 [2014-05-06 20:31:27.999998] Done: 4399 recs. seq end:
2658397. run: 317 s
2014-05-07 08:32:18.330
2014-05-07 08:32:18.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-07 08:32:18.330 Control Port 2491 Opened
2014-05-07 08:32:18.330 Baler ready on Ethernet
2014-05-07 08:32:18.330 Power Cycled Baler Acknowledged

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2014-05-07 08:32:18.330 Commands Accepted by Q330
2014-05-07 08:32:18.330 Access timeout: 300 sec
2014-05-07 08:32:18.330 Control Port 4023 Opened
2014-05-07 08:32:18.330 Data Port 4024 Opened
2014-05-07 08:32:18.330 Registered with Q330
2014-05-07 08:32:18.330 Combination Record Received
2014-05-07 08:32:18.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-07 08:32:18.330 Link Reset, starting window sequence: 15772
2014-05-07 08:32:18.330 GPS Receiver ID Received
2014-05-07 08:32:18.330 Manufacturer's Data Received, Property Tag=2017
2014-05-07 08:32:18.330 Digitizer Gain & Offsets Received
2014-05-07 08:32:18.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4399 recs.
seq end: 2658397
2014-05-07 08:32:18.330 Baler clock set to 2014-05-07 08:32:17
2014-05-07 08:32:18.330 Starting to Read DP Tokens
2014-05-07 08:32:18.330 DP Tokens loaded, size=1474 bytes
2014-05-07 08:32:18.330 webserver advertising 192.168.200.119:5380
2014-05-07 08:32:18.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-07 08:32:18.330 filters & delay HH1:2@100,Linear all=0.320000
2014-05-07 08:32:18.330 filters & delay HH2:3@100,Linear all=0.320000
2014-05-07 08:32:18.330 filters & delay BDH:4@20,Linear all=1.650000
2014-05-07 08:32:18.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-07 08:32:18.330 filters & delay LH1:2@1,Linear all=15.000000
2014-05-07 08:32:18.330 filters & delay LH2:3@1,Linear all=15.000000
2014-05-07 08:32:18.330 filters & delay LDH:4@1,Linear all=15.000000
2014-05-07 08:32:18.330 [2014-05-06 20:31:27.999998] continuity found: 2658397
452723488.000000 Q=100
2014-05-07 08:32:18.330 [2014-05-06 20:31:27.999998] restoring continuity
2014-05-07 08:32:18.330 Sending DT_OPEN
2014-05-07 08:32:18.330 Station: XX-2017
2014-05-07 08:32:18.330 Q330 Serial Number: 0100000DB18FC351
2014-05-07 08:32:18.330 AMB Serial Number: 0100000B6909DD82
2014-05-07 08:32:18.330 Seismo 2 Serial Number: 0000000000000000
2014-05-07 08:32:18.330 QAPCHP 1 Serial Number: 4643206
2014-05-07 08:32:18.330 QAPCHP 2 Serial Number: 3743050
2014-05-07 08:32:18.330 KMI Property Tag Number: 2017
2014-05-07 08:32:18.330 System Software Version: 1.146
2014-05-07 08:32:18.330 Slave Processor Version: 1.11
2014-05-07 08:32:18.330 Calibrator Type: QCAL330
2014-05-07 08:32:18.330 Calibrator Version: 1.8
2014-05-07 08:32:18.330 Auxiliary Board Type: None
2014-05-07 08:32:18.330 Clock Type: Motorola M12
2014-05-07 08:32:18.330 PLD Version: 7.9
2014-05-07 08:32:18.330 Total Hours: 65892.96
2014-05-07 08:32:18.330 Power On Hours: 30523.35
2014-05-07 08:32:18.330 Time of Last Boot: 2014-04-06 02:03:58
2014-05-07 08:32:18.330 Total Number of Boots: 120
2014-05-07 08:32:18.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-07 08:32:18.330 Total Number of Re-Syncs: 213
2014-05-07 08:32:18.330 Status Inputs: 00000000
2014-05-07 08:32:18.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-07 08:32:18.330 Clock Quality: 100%
2014-05-07 08:32:18.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-07 08:32:18.330 Clock Phase: 0 usec. max allowed=50000
2014-05-07 08:32:18.330 Boom positions:
2014-05-07 08:32:18.330 ch1: -2 ch2: -8 ch3: 0 ch4: 20 ch5: 20 ch6: 20
2014-05-07 08:32:18.330 Analog Status
2014-05-07 08:32:18.330 Analog Positive Supply: 5.46V
2014-05-07 08:32:18.330 Input Voltage: 13.20V
2014-05-07 08:32:18.330 System Temperature: 5C
2014-05-07 08:32:18.330 Main Current: 63ma
2014-05-07 08:32:18.330 Antenna Current: 0ma
2014-05-07 08:32:18.330 GPS Status

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2014-05-07 08:32:18.330 Time: 08:32:17  
 2014-05-07 08:32:18.330 Date:  
 2014-05-07 08:32:18.330 Fix Type: 1-D  
 2014-05-07 08:32:18.330 Height:  
 2014-05-07 08:32:18.330 Latitude:  
 2014-05-07 08:32:18.330 Longitude:  
 2014-05-07 08:32:18.330 On Time: 0min  
 2014-05-07 08:32:18.330 Sat. Used: 0  
 2014-05-07 08:32:18.330 In View: 0  
 2014-05-07 08:32:18.330 Checksum Errors: 0  
 2014-05-07 08:32:18.330 Last GPS timemark: 2014-05-07 08:32:16  
 2014-05-07 08:32:18.330 PLL Status  
 2014-05-07 08:32:18.330 State: Lock  
 2014-05-07 08:32:18.330 Initial VCO: 2200.382080  
 2014-05-07 08:32:18.330 Time Error: 0.000000  
 2014-05-07 08:32:18.330 RMS VCO: 0.000000  
 2014-05-07 08:32:18.330 Best VCO: 2200.44  
 2014-05-07 08:32:18.330 Seconds Since Track or Lock: 0.0  
 2014-05-07 08:32:18.330 Vco Control: 2200  
 2014-05-07 08:32:18.330 timing mode: external seascan  
 2014-05-07 08:32:18.330 tempco normal  
 2014-05-07 08:32:18.330 PLL update: 10s PLL lock criterion: 5us  
 2014-05-07 08:32:18.330 Pfrac: 150.00  
 2014-05-07 08:32:18.330 VCO slope: -0.0175000  
 2014-05-07 08:32:18.330 VCO intercept: 7.1100001  
 2014-05-07 08:32:18.330 Km delta: 600.0000000  
 2014-05-07 08:32:18.330 Logical Port 4 Status  
 2014-05-07 08:32:18.330 Data Packets Sent: 3161823  
 2014-05-07 08:32:18.330 Flood Packets Sent: 0  
 2014-05-07 08:32:18.330 Packets Re-Sent: 4201  
 2014-05-07 08:32:18.330 Sequence Errors: 0  
 2014-05-07 08:32:18.330 Packet Buffer Used: 22037704  
 2014-05-07 08:32:18.330 Physical Port: Ethernet  
 2014-05-07 08:32:18.330 Baler Model: 14 Software Version: 2.28  
 2014-05-07 08:32:18.330 MAC Address: 00:04:FB:00:02:EA  
 2014-05-07 08:32:18.330 Disk Size: 20000669696  
 2014-05-07 08:32:18.330 Percent of 1177 data files in use: 7.6  
 2014-05-07 08:32:18.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-07 08:32:18.330 Channel Sensitivities (uV per count):  
 2014-05-07 08:32:18.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-07 08:32:18.330 Digitizer Calibration Results:  
 2014-05-07 08:32:18.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-07 08:32:18.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-07 08:32:18.330 DMU1 Software Version=10  
 2014-05-07 08:32:18.330 Supply Voltage=12.7  
 2014-05-07 08:32:18.330 Supply Current=0.41  
 2014-05-07 08:32:18.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-07 08:32:18.330 WebLink Data Maps Restored  
 2014-05-07 08:32:18.330 [2014-05-06 20:31:27.999998] sequence resumes: 2658397 to  
 2658397  
 2014-05-07 08:32:18.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-07 08:32:17  
 2014-05-07 08:33:55.110 [2014-05-07 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-05-07 08:37:45.410 Reducing Status Polling Interval  
 2014-05-07 08:37:45.410 [2014-05-07 08:37:43.999998] total packets received: 44440  
 2014-05-07 08:37:45.410 [2014-05-07 08:37:43.999998] command timeouts: 6  
 2014-05-07 08:37:45.410 [2014-05-07 08:37:43.999998] out of window: 60  
 2014-05-07 08:37:45.410 written: HHZ-1151 HH1-1372 HH2-1369 BDH-442 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-07 08:37:45.410 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-05-07 08:37:45.410 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2

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2014-05-07 08:37:45.410 [2014-05-07 08:37:43.999998] Done: 4477 recs. seq end:
2701973. run: 321 s
2014-05-07 20:38:37.320
2014-05-07 20:38:37.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-07 20:38:37.320 Control Port 2491 Opened
2014-05-07 20:38:37.320 Baler ready on Ethernet
2014-05-07 20:38:37.320 Power Cycled Baler Acknowledged
2014-05-07 20:38:37.320 Commands Accepted by Q330
2014-05-07 20:38:37.320 Access timeout: 300 sec
2014-05-07 20:38:37.320 Control Port 4023 Opened
2014-05-07 20:38:37.320 Data Port 4024 Opened
2014-05-07 20:38:37.320 Registered with Q330
2014-05-07 20:38:37.320 Combination Record Received
2014-05-07 20:38:37.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-07 20:38:37.320 Link Reset, starting window sequence: 60117
2014-05-07 20:38:37.320 GPS Receiver ID Received
2014-05-07 20:38:37.320 Manufacturer's Data Received, Property Tag=2017
2014-05-07 20:38:37.320 Digitizer Gain & Offsets Received
2014-05-07 20:38:37.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4477 recs.
seq end: 2701973
2014-05-07 20:38:37.320 Baler clock set to 2014-05-07 20:38:36
2014-05-07 20:38:37.320 Starting to Read DP Tokens
2014-05-07 20:38:37.320 DP Tokens loaded, size=1474 bytes
2014-05-07 20:38:37.320 Webserver advertising 192.168.200.119:5380
2014-05-07 20:38:37.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-07 20:38:37.320 filters & delay HH1:2@100,Linear all=0.320000
2014-05-07 20:38:37.320 filters & delay HH2:3@100,Linear all=0.320000
2014-05-07 20:38:37.320 filters & delay BDH:4@20,Linear all=1.650000
2014-05-07 20:38:37.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-07 20:38:37.320 filters & delay LH1:2@1,Linear all=15.000000
2014-05-07 20:38:37.320 filters & delay LH2:3@1,Linear all=15.000000
2014-05-07 20:38:37.320 filters & delay LDH:4@1,Linear all=15.000000
2014-05-07 20:38:37.320 [2014-05-07 08:37:43.999998] continuity found: 2701973
452767064.000000 Q=100
2014-05-07 20:38:37.320 [2014-05-07 08:37:43.999998] restoring continuity
2014-05-07 20:38:37.320 Sending DT_OPEN
2014-05-07 20:38:37.320 Station: XX-2017
2014-05-07 20:38:37.320 Q330 Serial Number: 0100000DB18FC351
2014-05-07 20:38:37.320 AMB Serial Number: 0100000B6909DD82
2014-05-07 20:38:37.320 Seismo 1 Serial Number: 0000000000000000
2014-05-07 20:38:37.320 Seismo 2 Serial Number: 0000000000000000
2014-05-07 20:38:37.320 QAPCHP 1 Serial Number: 4643206
2014-05-07 20:38:37.320 QAPCHP 2 Serial Number: 3743050
2014-05-07 20:38:37.320 KMI Property Tag Number: 2017
2014-05-07 20:38:37.320 System Software Version: 1.146
2014-05-07 20:38:37.320 Slave Processor Version: 1.11
2014-05-07 20:38:37.320 Calibrator Type: QCAL330
2014-05-07 20:38:37.320 Calibrator Version: 1.8
2014-05-07 20:38:37.320 Auxiliary Board Type: None
2014-05-07 20:38:37.320 Clock Type: Motorola M12
2014-05-07 20:38:37.320 PLD Version: 7.9
2014-05-07 20:38:37.320 Total Hours: 65905.07
2014-05-07 20:38:37.320 Power On Hours: 30535.46
2014-05-07 20:38:37.320 Time of Last Boot: 2014-04-06 02:03:58
2014-05-07 20:38:37.320 Total Number of Boots: 120
2014-05-07 20:38:37.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-07 20:38:37.320 Total Number of Re-Syncs: 213
2014-05-07 20:38:37.320 Status Inputs: 00000000
2014-05-07 20:38:37.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-07 20:38:37.320 Clock Quality: 100%
2014-05-07 20:38:37.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-07 20:38:37.320 Clock Phase: 0 usec. max allowed=50000
2014-05-07 20:38:37.320 Boom positions:

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2014-05-07 20:38:37.320 Ch1: -2 Ch2: -9 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-07 20:38:37.320 Analog Status  
 2014-05-07 20:38:37.320 Analog Positive Supply: 5.46V  
 2014-05-07 20:38:37.320 Input Voltage: 13.20V  
 2014-05-07 20:38:37.320 System Temperature: 5C  
 2014-05-07 20:38:37.320 Main Current: 62ma  
 2014-05-07 20:38:37.320 Antenna Current: 0ma  
 2014-05-07 20:38:37.320 GPS Status  
 2014-05-07 20:38:37.320 Time: 20:38:36  
 2014-05-07 20:38:37.320 Date:  
 2014-05-07 20:38:37.320 Fix Type: 1-D  
 2014-05-07 20:38:37.320 Height:  
 2014-05-07 20:38:37.320 Latitude:  
 2014-05-07 20:38:37.320 Longitude:  
 2014-05-07 20:38:37.320 On Time: 0min  
 2014-05-07 20:38:37.320 Sat. Used: 0  
 2014-05-07 20:38:37.320 In View: 0  
 2014-05-07 20:38:37.320 Checksum Errors: 0  
 2014-05-07 20:38:37.320 Last GPS timemark: 2014-05-07 20:38:35  
 2014-05-07 20:38:37.320 PLL Status  
 2014-05-07 20:38:37.320 State: Lock  
 2014-05-07 20:38:37.320 Initial VCO: 2200.137695  
 2014-05-07 20:38:37.320 Time Error: 0.000000  
 2014-05-07 20:38:37.320 RMS VCO: 0.0000000  
 2014-05-07 20:38:37.320 Best VCO: 2200.06  
 2014-05-07 20:38:37.320 Seconds Since Track or Lock: 0.0  
 2014-05-07 20:38:37.320 Vco Control: 2201  
 2014-05-07 20:38:37.320 timing mode: external seascan  
 2014-05-07 20:38:37.320 tempco normal  
 2014-05-07 20:38:37.320 PLL update: 10s PLL lock criterion: 5us  
 2014-05-07 20:38:37.320 Pfrac: 150.00  
 2014-05-07 20:38:37.320 VCO slope: -0.0175000  
 2014-05-07 20:38:37.320 VCO intercept: 7.1100001  
 2014-05-07 20:38:37.320 Km delta: 600.0000000  
 2014-05-07 20:38:37.320 Logical Port 4 Status  
 2014-05-07 20:38:37.320 Data Packets Sent: 3206173  
 2014-05-07 20:38:37.320 Flood Packets Sent: 0  
 2014-05-07 20:38:37.320 Packets Re-Sent: 4276  
 2014-05-07 20:38:37.320 Sequence Errors: 0  
 2014-05-07 20:38:37.320 Packet Buffer Used: 22186568  
 2014-05-07 20:38:37.320 Physical Port: Ethernet  
 2014-05-07 20:38:37.320 Baler Model: 14 Software Version: 2.28  
 2014-05-07 20:38:37.320 MAC Address: 00:04:FB:00:02:EA  
 2014-05-07 20:38:37.320 Disk Size: 20000669696  
 2014-05-07 20:38:37.320 Percent of 1177 data files in use: 7.7  
 2014-05-07 20:38:37.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-07 20:38:37.320 Channel Sensitivities (uV per count):  
 2014-05-07 20:38:37.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-07 20:38:37.320 Digitizer Calibration Results:  
 2014-05-07 20:38:37.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-07 20:38:37.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-07 20:38:37.320 DMU1 Software Version=10  
 2014-05-07 20:38:37.320 Supply Voltage=12.6  
 2014-05-07 20:38:37.320 Supply Current=0.41  
 2014-05-07 20:38:37.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-07 20:38:37.320 WebLink Data Maps Restored  
 2014-05-07 20:38:37.320 [2014-05-07 08:37:43.999998] sequence resumes: 2701973 to 2701973  
 2014-05-07 20:38:37.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-07 20:38:36  
 2014-05-07 20:44:06.930 [2014-05-07 20:44:06.000000] total packets received: 49824  
 2014-05-07 20:44:06.930 [2014-05-07 20:44:06.000000] command timeouts: 6  
 2014-05-07 20:44:06.930 written: HHZ-1168 HH1-1396 HH2-1382 BDH-429 VEP-2 VEC-2

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VEA-2 VKI-2 VCO-2
2014-05-07 20:44:06.930 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-05-07 20:44:06.930 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-07 20:44:06.930 [2014-05-07 20:44:06.000000] Done: 4516 recs. seq end:
2745555. run: 325 s
2014-05-08 08:44:58.340
2014-05-08 08:44:58.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-08 08:44:58.340 Control Port 2491 Opened
2014-05-08 08:44:58.340 Baler ready on Ethernet
2014-05-08 08:44:58.340 Power Cycled Baler Acknowledged
2014-05-08 08:44:58.340 Commands Accepted by Q330
2014-05-08 08:44:58.340 Access timeout: 300 sec
2014-05-08 08:44:58.340 Control Port 4023 Opened
2014-05-08 08:44:58.340 Data Port 4024 Opened
2014-05-08 08:44:58.340 Registered with Q330
2014-05-08 08:44:58.340 Combination Record Received
2014-05-08 08:44:58.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-08 08:44:58.340 Link Reset, starting window sequence: 44311
2014-05-08 08:44:58.340 GPS Receiver ID Received
2014-05-08 08:44:58.340 Manufacturer's Data Received, Property Tag=2017
2014-05-08 08:44:58.340 Digitizer Gain & Offsets Received
2014-05-08 08:44:58.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4516 recs.
seq end: 2745555
2014-05-08 08:44:58.340 Baler clock set to 2014-05-08 08:44:57
2014-05-08 08:44:58.340 Starting to Read DP Tokens
2014-05-08 08:44:58.340 DP Tokens loaded, size=1474 bytes
2014-05-08 08:44:58.340 webserver advertising 192.168.200.119:5380
2014-05-08 08:44:58.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-08 08:44:58.340 filters & delay HH1:2@100,Linear all=0.320000
2014-05-08 08:44:58.340 filters & delay HH2:3@100,Linear all=0.320000
2014-05-08 08:44:58.340 filters & delay BDH:4@20,Linear all=1.650000
2014-05-08 08:44:58.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-08 08:44:58.340 filters & delay LH1:2@1,Linear all=15.000000
2014-05-08 08:44:58.340 filters & delay LH2:3@1,Linear all=15.000000
2014-05-08 08:44:58.340 filters & delay LDH:4@1,Linear all=15.000000
2014-05-08 08:44:58.340 [2014-05-07 20:44:06.000000] continuity found: 2745555
452810646.000000 Q=100
2014-05-08 08:44:58.340 [2014-05-07 20:44:06.000000] restoring continuity
2014-05-08 08:44:58.340 Sending DT_OPEN
2014-05-08 08:44:58.340 Station: XX-2017
2014-05-08 08:44:58.340 Q330 Serial Number: 0100000DB18FC351
2014-05-08 08:44:58.340 AMB Serial Number: 0100000B6909DD82
2014-05-08 08:44:58.340 Seismo 1 Serial Number: 0000000000000000
2014-05-08 08:44:58.340 Seismo 2 Serial Number: 0000000000000000
2014-05-08 08:44:58.340 QAPCHP 1 Serial Number: 4643206
2014-05-08 08:44:58.340 QAPCHP 2 Serial Number: 3743050
2014-05-08 08:44:58.340 KMI Property Tag Number: 2017
2014-05-08 08:44:58.340 System Software Version: 1.146
2014-05-08 08:44:58.340 Slave Processor Version: 1.11
2014-05-08 08:44:58.340 Calibrator Type: QCAL330
2014-05-08 08:44:58.340 Calibrator Version: 1.8
2014-05-08 08:44:58.340 Auxiliary Board Type: None
2014-05-08 08:44:58.340 Clock Type: Motorola M12
2014-05-08 08:44:58.340 PLD Version: 7.9
2014-05-08 08:44:58.340 Total Hours: 65917.18
2014-05-08 08:44:58.340 Power On Hours: 30547.56
2014-05-08 08:44:58.340 Time of Last Boot: 2014-04-06 02:03:58
2014-05-08 08:44:58.340 Total Number of Boots: 120
2014-05-08 08:44:58.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-08 08:44:58.340 Total Number of Re-Syncs: 213
2014-05-08 08:44:58.340 Status Inputs: 00000000
2014-05-08 08:44:58.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off

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2014-05-08 08:44:58.340 Clock Quality: 100%  
 2014-05-08 08:44:58.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-08 08:44:58.340 Clock Phase: 0 usec. max allowed=50000  
 2014-05-08 08:44:58.340 Boom positions:  
 2014-05-08 08:44:58.340 ch1: -2 ch2: -11 ch3: -6 ch4: 20 ch5: 20 ch6: 20  
 2014-05-08 08:44:58.340 Analog Status  
 2014-05-08 08:44:58.340 Analog Positive Supply: 5.46V  
 2014-05-08 08:44:58.340 Input Voltage: 13.35V  
 2014-05-08 08:44:58.340 System Temperature: 5C  
 2014-05-08 08:44:58.340 Main Current: 62ma  
 2014-05-08 08:44:58.340 Antenna Current: 0ma  
 2014-05-08 08:44:58.340 GPS Status  
 2014-05-08 08:44:58.340 Time: 08:44:57  
 2014-05-08 08:44:58.340 Date:  
 2014-05-08 08:44:58.340 Fix Type: 1-D  
 2014-05-08 08:44:58.340 Height:  
 2014-05-08 08:44:58.340 Latitude:  
 2014-05-08 08:44:58.340 Longitude:  
 2014-05-08 08:44:58.340 On Time: 0min  
 2014-05-08 08:44:58.340 Sat. Used: 0  
 2014-05-08 08:44:58.340 In View: 0  
 2014-05-08 08:44:58.340 Checksum Errors: 0  
 2014-05-08 08:44:58.340 Last GPS timemark: 2014-05-08 08:44:56  
 2014-05-08 08:44:58.340 PLL Status  
 2014-05-08 08:44:58.340 State: Lock  
 2014-05-08 08:44:58.340 Initial VCO: 2200.888428  
 2014-05-08 08:44:58.340 Time Error: 0.000000  
 2014-05-08 08:44:58.340 RMS VCO: 0.0000000  
 2014-05-08 08:44:58.340 Best VCO: 2200.95  
 2014-05-08 08:44:58.340 Seconds Since Track or Lock: 0.0  
 2014-05-08 08:44:58.340 Vco Control: 2201  
 2014-05-08 08:44:58.340 timing mode: external seascan  
 2014-05-08 08:44:58.340 tempco normal  
 2014-05-08 08:44:58.340 PLL update: 10s PLL lock criterion: 5us  
 2014-05-08 08:44:58.340 Pfrac: 150.00  
 2014-05-08 08:44:58.340 VCO slope: -0.0175000  
 2014-05-08 08:44:58.340 VCO intercept: 7.1100001  
 2014-05-08 08:44:58.340 Km delta: 600.0000000  
 2014-05-08 08:44:58.340 Logical Port 4 Status  
 2014-05-08 08:44:58.340 Data Packets Sent: 3255908  
 2014-05-08 08:44:58.340 Flood Packets Sent: 0  
 2014-05-08 08:44:58.340 Packets Re-Sent: 4349  
 2014-05-08 08:44:58.340 Sequence Errors: 0  
 2014-05-08 08:44:58.340 Packet Buffer Used: 22002080  
 2014-05-08 08:44:58.340 Physical Port: Ethernet  
 2014-05-08 08:44:58.340 Baler Model: 14 Software Version: 2.28  
 2014-05-08 08:44:58.340 MAC Address: 00:04:FB:00:02:EA  
 2014-05-08 08:44:58.340 Disk Size: 20000669696  
 2014-05-08 08:44:58.340 Percent of 1177 data files in use: 7.7  
 2014-05-08 08:44:58.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-08 08:44:58.340 Channel Sensitivities (uV per count):  
 2014-05-08 08:44:58.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-08 08:44:58.340 Digitizer Calibration Results:  
 2014-05-08 08:44:58.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-08 08:44:58.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-08 08:44:58.340 DMU1 Software Version=10  
 2014-05-08 08:44:58.340 Supply Voltage=12.6  
 2014-05-08 08:44:58.340 Supply Current=0.41  
 2014-05-08 08:44:58.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-08 08:44:58.340 webLink Data Maps Restored  
 2014-05-08 08:44:58.340 [2014-05-07 20:44:06.000000] sequence resumes: 2745555 to 2745555  
 2014-05-08 08:44:58.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg

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2014-05-08 08:44:57
2014-05-08 08:46:25.120 [2014-05-08 00:00:00.000000] Saving Configuration to Backup
Memory
2014-05-08 08:50:28.160 [2014-05-08 08:50:26.999998] total packets received: 50432
2014-05-08 08:50:28.160 [2014-05-08 08:50:26.999998] command timeouts: 6
2014-05-08 08:50:28.160 [2014-05-08 08:50:26.999998] out of window: 50
2014-05-08 08:50:28.160 written: HHZ-1171 HH1-1358 HH2-1367 BDH-430 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-05-08 08:50:28.160 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-25 LH2-24 LDH-24
VMZ-1 VM1-1
2014-05-08 08:50:28.160 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-05-08 08:50:28.160 [2014-05-08 08:50:26.999998] Done: 4459 recs. seq end:
2789136. run: 325 s
2014-05-08 20:51:19.350
2014-05-08 20:51:19.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-08 20:51:19.350 Control Port 2491 Opened
2014-05-08 20:51:19.350 Baler ready on Ethernet
2014-05-08 20:51:19.350 Power Cycled Baler Acknowledged
2014-05-08 20:51:19.350 Commands Accepted by Q330
2014-05-08 20:51:19.350 Access timeout: 300 sec
2014-05-08 20:51:19.350 Control Port 4023 Opened
2014-05-08 20:51:19.350 Data Port 4024 Opened
2014-05-08 20:51:19.350 Registered with Q330
2014-05-08 20:51:19.350 Combination Record Received
2014-05-08 20:51:19.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-08 20:51:19.350 Link Reset, starting window sequence: 29122
2014-05-08 20:51:19.350 GPS Receiver ID Received
2014-05-08 20:51:19.350 Manufacturer's Data Received, Property Tag=2017
2014-05-08 20:51:19.350 Digitizer Gain & Offsets Received
2014-05-08 20:51:19.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4459 recs.
seq end: 2789136
2014-05-08 20:51:19.350 Baler clock set to 2014-05-08 20:51:18
2014-05-08 20:51:19.350 Starting to Read DP Tokens
2014-05-08 20:51:19.350 DP Tokens loaded, size=1474 bytes
2014-05-08 20:51:19.350 webserver advertising 192.168.200.119:5380
2014-05-08 20:51:19.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-08 20:51:19.350 filters & delay HH1:2@100,Linear all=0.320000
2014-05-08 20:51:19.350 filters & delay HH2:3@100,Linear all=0.320000
2014-05-08 20:51:19.350 filters & delay BDH:4@20,Linear all=1.650000
2014-05-08 20:51:19.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-08 20:51:19.350 filters & delay LH1:2@1,Linear all=15.000000
2014-05-08 20:51:19.350 filters & delay LH2:3@1,Linear all=15.000000
2014-05-08 20:51:19.350 filters & delay LDH:4@1,Linear all=15.000000
2014-05-08 20:51:19.350 [2014-05-08 08:50:26.999998] continuity found: 2789136
452854227.000000 Q=100
2014-05-08 20:51:19.350 [2014-05-08 08:50:26.999998] restoring continuity
2014-05-08 20:51:19.350 Sending DT_OPEN
2014-05-08 20:51:19.350 Station: XX-2017
2014-05-08 20:51:19.350 Q330 Serial Number: 0100000DB18FC351
2014-05-08 20:51:19.350 AMB Serial Number: 0100000B6909DD82
2014-05-08 20:51:19.350 Seismo 1 Serial Number: 0000000000000000
2014-05-08 20:51:19.350 Seismo 2 Serial Number: 0000000000000000
2014-05-08 20:51:19.350 QAPCHP 1 Serial Number: 4643206
2014-05-08 20:51:19.350 QAPCHP 2 Serial Number: 3743050
2014-05-08 20:51:19.350 KMI Property Tag Number: 2017
2014-05-08 20:51:19.350 System Software Version: 1.146
2014-05-08 20:51:19.350 Slave Processor Version: 1.11
2014-05-08 20:51:19.350 Calibrator Type: QCAL330
2014-05-08 20:51:19.350 Calibrator Version: 1.8
2014-05-08 20:51:19.350 Auxiliary Board Type: None
2014-05-08 20:51:19.350 Clock Type: Motorola M12
2014-05-08 20:51:19.350 PLD Version: 7.9
2014-05-08 20:51:19.350 Total Hours: 65929.28

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2014-05-08 20:51:19.350 Power On Hours: 30559.67  
 2014-05-08 20:51:19.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-08 20:51:19.350 Total Number of Boots: 120  
 2014-05-08 20:51:19.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-08 20:51:19.350 Total Number of Re-Syncs: 213  
 2014-05-08 20:51:19.350 Status Inputs: 00000000  
 2014-05-08 20:51:19.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-08 20:51:19.350 Clock Quality: 100%  
 2014-05-08 20:51:19.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-08 20:51:19.350 Clock Phase: 1 usec. max allowed=50000  
 2014-05-08 20:51:19.350 Boom positions:  
 2014-05-08 20:51:19.350 Ch1: -2 Ch2: -12 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-08 20:51:19.350 Analog Status  
 2014-05-08 20:51:19.350 Analog Positive Supply: 5.46V  
 2014-05-08 20:51:19.350 Input Voltage: 13.20V  
 2014-05-08 20:51:19.350 System Temperature: 5C  
 2014-05-08 20:51:19.350 Main Current: 63ma  
 2014-05-08 20:51:19.350 Antenna Current: 0ma  
 2014-05-08 20:51:19.350 GPS Status  
 2014-05-08 20:51:19.350 Time: 20:51:18  
 2014-05-08 20:51:19.350 Date:  
 2014-05-08 20:51:19.350 Fix Type: 1-D  
 2014-05-08 20:51:19.350 Height:  
 2014-05-08 20:51:19.350 Latitude:  
 2014-05-08 20:51:19.350 Longitude:  
 2014-05-08 20:51:19.350 On Time: 0min  
 2014-05-08 20:51:19.350 In View: 0  
 2014-05-08 20:51:19.350 Checksum Errors: 0  
 2014-05-08 20:51:19.350 Last GPS timemark: 2014-05-08 20:51:17  
 2014-05-08 20:51:19.350 PLL Status  
 2014-05-08 20:51:19.350 State: Lock  
 2014-05-08 20:51:19.350 Initial VCO: 2200.129395  
 2014-05-08 20:51:19.350 Time Error: -0.000001  
 2014-05-08 20:51:19.350 RMS VCO: 0.0000000  
 2014-05-08 20:51:19.350 Best VCO: 2200.23  
 2014-05-08 20:51:19.350 Seconds Since Track or Lock: 0.0  
 2014-05-08 20:51:19.350 Vco Control: 2200  
 2014-05-08 20:51:19.350 timing mode: external seascan  
 2014-05-08 20:51:19.350 tempco normal  
 2014-05-08 20:51:19.350 PLL update: 10s PLL lock criterion: 5us  
 2014-05-08 20:51:19.350 Pfrac: 150.00  
 2014-05-08 20:51:19.350 VCO slope: -0.0175000  
 2014-05-08 20:51:19.350 VCO intercept: 7.1100001  
 2014-05-08 20:51:19.350 Km delta: 600.0000000  
 2014-05-08 20:51:19.350 Logical Port 4 Status  
 2014-05-08 20:51:19.350 Data Packets Sent: 3306260  
 2014-05-08 20:51:19.350 Flood Packets Sent: 0  
 2014-05-08 20:51:19.350 Packets Re-Sent: 4413  
 2014-05-08 20:51:19.350 Sequence Errors: 0  
 2014-05-08 20:51:19.350 Packet Buffer Used: 22510044  
 2014-05-08 20:51:19.350 Physical Port: Ethernet  
 2014-05-08 20:51:19.350 Baler Model: 14 Software Version: 2.28  
 2014-05-08 20:51:19.350 MAC Address: 00:04:FB:00:02:EA  
 2014-05-08 20:51:19.350 Disk Size: 20000669696  
 2014-05-08 20:51:19.350 Percent of 1177 data files in use: 7.8  
 2014-05-08 20:51:19.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-08 20:51:19.350 Channel sensitivities (uV per count):  
 2014-05-08 20:51:19.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-08 20:51:19.350 Digitizer Calibration Results:  
 2014-05-08 20:51:19.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-08 20:51:19.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-08 20:51:19.350 DMU1 Software Version=10  
 2014-05-08 20:51:19.350 Supply Voltage=12.6

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2014-05-08 20:51:19.350 Supply Current=0.40  
 2014-05-08 20:51:19.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-08 20:51:19.350 WebLink Data Maps Restored  
 2014-05-08 20:51:19.350 [2014-05-08 08:50:26.999998] sequence resumes: 2789136 to 2789136  
 2014-05-08 20:51:19.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-08 20:51:18  
 2014-05-08 20:56:48.910 [2014-05-08 20:48:27.000000] total packets received: 53008  
 2014-05-08 20:56:48.910 [2014-05-08 20:48:27.000000] command timeouts: 6  
 2014-05-08 20:56:48.910 [2014-05-08 20:48:27.000000] out of window: 53  
 2014-05-08 20:56:48.910 written: HHZ-1177 HH1-1338 HH2-1450 BDH-430 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-08 20:56:48.910 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-23 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-05-08 20:56:48.910 written: VM2-2 LOG-2 ACE-1 OCF-1  
 2014-05-08 20:56:48.910 [2014-05-08 20:48:27.000000] Done: 4536 recs. seq end: 2832216. run: 325 s  
 2014-05-09 08:57:40.320  
 2014-05-09 08:57:40.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-09 08:57:40.320 Control Port 2491 Opened  
 2014-05-09 08:57:40.320 Baler ready on Ethernet  
 2014-05-09 08:57:40.320 Power Cycled Baler Acknowledged  
 2014-05-09 08:57:40.320 Commands Accepted by Q330  
 2014-05-09 08:57:40.320 Access timeout: 300 sec  
 2014-05-09 08:57:40.320 Control Port 4023 Opened  
 2014-05-09 08:57:40.320 Data Port 4024 Opened  
 2014-05-09 08:57:40.320 Registered with Q330  
 2014-05-09 08:57:40.320 Combination Record Received  
 2014-05-09 08:57:40.320 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-09 08:57:40.320 Link Reset, starting window sequence: 16506  
 2014-05-09 08:57:40.320 GPS Receiver ID Received  
 2014-05-09 08:57:40.320 Manufacturer's Data Received, Property Tag=2017  
 2014-05-09 08:57:40.320 Digitizer Gain & Offsets Received  
 2014-05-09 08:57:40.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4536 recs. seq end: 2832216  
 2014-05-09 08:57:40.320 Baler clock set to 2014-05-09 08:57:39  
 2014-05-09 08:57:40.320 Starting to Read DP Tokens  
 2014-05-09 08:57:40.320 DP Tokens loaded, size=1474 bytes  
 2014-05-09 08:57:40.320 Webserver advertising 192.168.200.119:5380  
 2014-05-09 08:57:40.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-09 08:57:40.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-09 08:57:40.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-09 08:57:40.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-09 08:57:40.320 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-09 08:57:40.320 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-09 08:57:40.320 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-09 08:57:40.320 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-09 08:57:40.320 [2014-05-08 20:48:27.000000] continuity found: 2832216  
 452897307.000000 Q=100  
 2014-05-09 08:57:40.320 [2014-05-08 20:48:27.000000] restoring continuity  
 2014-05-09 08:57:40.320 Sending DT\_OPEN  
 2014-05-09 08:57:40.320 Station: XX-2017  
 2014-05-09 08:57:40.320 Q330 Serial Number: 0100000DB18FC351  
 2014-05-09 08:57:40.320 AMB Serial Number: 0100000B6909DD82  
 2014-05-09 08:57:40.320 Seismo 1 Serial Number: 0000000000000000  
 2014-05-09 08:57:40.320 Seismo 2 Serial Number: 0000000000000000  
 2014-05-09 08:57:40.320 QAPCHP 1 Serial Number: 4643206  
 2014-05-09 08:57:40.320 QAPCHP 2 Serial Number: 3743050  
 2014-05-09 08:57:40.320 KMI Property Tag Number: 2017  
 2014-05-09 08:57:40.320 System Software Version: 1.146  
 2014-05-09 08:57:40.320 Slave Processor Version: 1.11  
 2014-05-09 08:57:40.320 Calibrator Type: QCAL330  
 2014-05-09 08:57:40.320 Calibrator Version: 1.8

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2014-05-09 08:57:40.320 Auxiliary Board Type: None  
 2014-05-09 08:57:40.320 Clock Type: Motorola M12  
 2014-05-09 08:57:40.320 PLD Version: 7.9  
 2014-05-09 08:57:40.320 Total Hours: 65941.39  
 2014-05-09 08:57:40.320 Power On Hours: 30571.77  
 2014-05-09 08:57:40.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-09 08:57:40.320 Total Number of Boots: 120  
 2014-05-09 08:57:40.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-09 08:57:40.320 Total Number of Re-Syncs: 213  
 2014-05-09 08:57:40.320 Status Inputs: 00000000  
 2014-05-09 08:57:40.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-09 08:57:40.320 Clock Quality: 100%  
 2014-05-09 08:57:40.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-09 08:57:40.320 Clock Phase: 0 usec. max allowed=50000  
 2014-05-09 08:57:40.320 Boom positions:  
 2014-05-09 08:57:40.320 ch1: -2 ch2: -13 ch3: -6 ch4: 20 ch5: 20 ch6: 20  
 2014-05-09 08:57:40.320 Analog Status  
 2014-05-09 08:57:40.320 Analog Positive Supply: 5.46V  
 2014-05-09 08:57:40.320 Input Voltage: 13.35V  
 2014-05-09 08:57:40.320 System Temperature: 5C  
 2014-05-09 08:57:40.320 Main Current: 61ma  
 2014-05-09 08:57:40.320 Antenna Current: 0ma  
 2014-05-09 08:57:40.320 GPS Status  
 2014-05-09 08:57:40.320 Time: 08:57:39  
 2014-05-09 08:57:40.320 Date:  
 2014-05-09 08:57:40.320 Fix Type: 1-D  
 2014-05-09 08:57:40.320 Height:  
 2014-05-09 08:57:40.320 Latitude:  
 2014-05-09 08:57:40.320 Longitude:  
 2014-05-09 08:57:40.320 On Time: 0min  
 2014-05-09 08:57:40.320 Sat. Used: 0  
 2014-05-09 08:57:40.320 In View: 0  
 2014-05-09 08:57:40.320 Checksum Errors: 0  
 2014-05-09 08:57:40.320 Last GPS timemark: 2014-05-09 08:57:38  
 2014-05-09 08:57:40.320 PLL Status  
 2014-05-09 08:57:40.320 State: Lock  
 2014-05-09 08:57:40.320 Initial VCO: 2200.825928  
 2014-05-09 08:57:40.320 Time Error: 0.000000  
 2014-05-09 08:57:40.320 RMS VCO: 0.0000000  
 2014-05-09 08:57:40.320 Best VCO: 2201.46  
 2014-05-09 08:57:40.320 Seconds Since Track or Lock: 0.0  
 2014-05-09 08:57:40.320 Vco Control: 2200  
 2014-05-09 08:57:40.320 timing mode: external seascan  
 2014-05-09 08:57:40.320 tempco normal  
 2014-05-09 08:57:40.320 PLL update: 10s PLL lock criterion: 5us  
 2014-05-09 08:57:40.320 Pfrac: 150.00  
 2014-05-09 08:57:40.320 VCO slope: -0.0175000  
 2014-05-09 08:57:40.320 VCO intercept: 7.1100001  
 2014-05-09 08:57:40.320 km delta: 600.0000000  
 2014-05-09 08:57:40.320 Logical Port 4 Status  
 2014-05-09 08:57:40.320 Data Packets Sent: 3359185  
 2014-05-09 08:57:40.320 Flood Packets Sent: 0  
 2014-05-09 08:57:40.320 Packets Re-Sent: 4483  
 2014-05-09 08:57:40.320 Sequence Errors: 0  
 2014-05-09 08:57:40.320 Packet Buffer Used: 21669240  
 2014-05-09 08:57:40.320 Physical Port: Ethernet  
 2014-05-09 08:57:40.320 Baler Model: 14 Software Version: 2.28  
 2014-05-09 08:57:40.320 MAC Address: 00:04:FB:00:02:EA  
 2014-05-09 08:57:40.320 Disk Size: 20000669696  
 2014-05-09 08:57:40.320 Percent of 1177 data files in use: 8.0  
 2014-05-09 08:57:40.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-09 08:57:40.320 Channel sensitivities (uV per count):  
 2014-05-09 08:57:40.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2014-05-09 08:57:40.320 Digitizer Calibration Results:
2014-05-09 08:57:40.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-09 08:57:40.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-09 08:57:40.320 DMU1 Software Version=10
2014-05-09 08:57:40.320 Supply Voltage=12.7
2014-05-09 08:57:40.320 Supply Current=0.40
2014-05-09 08:57:40.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-09 08:57:40.320 WebLink Data Maps Restored
2014-05-09 08:57:40.320 [2014-05-08 20:48:27.000000] sequence resumes: 2832216 to
2832216
2014-05-09 08:57:40.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-09 08:57:39
2014-05-09 08:59:07.650 [2014-05-09 00:00:00.000000] saving Configuration to Backup
Memory
2014-05-09 09:03:04.210 Reducing Status Polling Interval
2014-05-09 09:03:04.210 [2014-05-09 09:03:02.999998] total packets received: 44820
2014-05-09 09:03:04.210 [2014-05-09 09:03:02.999998] command timeouts: 6
2014-05-09 09:03:04.210 [2014-05-09 09:03:02.999998] out of window: 59
2014-05-09 09:03:04.210 written: HHZ-1132 HH1-1300 HH2-1372 BDH-438 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-09 09:03:04.210 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-25 LDH-24
VMZ-2 VM1-2
2014-05-09 09:03:04.210 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-05-09 09:03:04.210 [2014-05-09 09:03:02.999998] Done: 4388 recs. seq end:
2876292. run: 319 s
2014-05-09 21:03:56.340
2014-05-09 21:03:56.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-09 21:03:56.340 Control Port 2491 Opened
2014-05-09 21:03:56.340 Baler ready on Ethernet
2014-05-09 21:03:56.340 Power Cycled Baler Acknowledged
2014-05-09 21:03:56.340 Commands Accepted by Q330
2014-05-09 21:03:56.340 Access timeout: 300 sec
2014-05-09 21:03:56.340 Control Port 4023 Opened
2014-05-09 21:03:56.340 Data Port 4024 Opened
2014-05-09 21:03:56.340 Registered with Q330
2014-05-09 21:03:56.340 Combination Record Received
2014-05-09 21:03:56.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-09 21:03:56.340 Link Reset, starting window sequence: 61232
2014-05-09 21:03:56.340 GPS Receiver ID Received
2014-05-09 21:03:56.340 Manufacturer's Data Received, Property Tag=2017
2014-05-09 21:03:56.340 Digitizer Gain & Offsets Received
2014-05-09 21:03:56.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4388 recs.
seq end: 2876292
2014-05-09 21:03:56.340 Baler clock set to 2014-05-09 21:03:55
2014-05-09 21:03:56.340 Starting to Read DP Tokens
2014-05-09 21:03:56.340 DP Tokens loaded, size=1474 bytes
2014-05-09 21:03:56.340 webserver advertising 192.168.200.119:5380
2014-05-09 21:03:56.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-09 21:03:56.340 filters & delay HH1:2@100,Linear all=0.320000
2014-05-09 21:03:56.340 filters & delay HH2:3@100,Linear all=0.320000
2014-05-09 21:03:56.340 filters & delay BDH:4@20,Linear all=1.650000
2014-05-09 21:03:56.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-09 21:03:56.340 filters & delay LH2:3@1,Linear all=15.000000
2014-05-09 21:03:56.340 filters & delay LDH:4@1,Linear all=15.000000
2014-05-09 21:03:56.340 [2014-05-09 09:03:02.999998] continuity found: 2876292
452941383.000000 Q=100
2014-05-09 21:03:56.340 [2014-05-09 09:03:02.999998] restoring continuity
2014-05-09 21:03:56.340 Sending DT_OPEN
2014-05-09 21:03:56.340 Station: XX-2017
2014-05-09 21:03:56.340 Q330 Serial Number: 0100000DB18FC351
2014-05-09 21:03:56.340 AMB Serial Number: 0100000B6909DD82
2014-05-09 21:03:56.340 Seismo 1 Serial Number: 0000000000000000
2014-05-09 21:03:56.340 Seismo 2 Serial Number: 0000000000000000

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2014-05-09 21:03:56.340 QAPCHP 1 Serial Number: 4643206  
 2014-05-09 21:03:56.340 QAPCHP 2 Serial Number: 3743050  
 2014-05-09 21:03:56.340 KMI Property Tag Number: 2017  
 2014-05-09 21:03:56.340 System Software Version: 1.146  
 2014-05-09 21:03:56.340 Slave Processor Version: 1.11  
 2014-05-09 21:03:56.340 Calibrator Type: QCAL330  
 2014-05-09 21:03:56.340 Calibrator Version: 1.8  
 2014-05-09 21:03:56.340 Auxiliary Board Type: None  
 2014-05-09 21:03:56.340 Clock Type: Motorola M12  
 2014-05-09 21:03:56.340 PLD Version: 7.9  
 2014-05-09 21:03:56.340 Total Hours: 65953.49  
 2014-05-09 21:03:56.340 Power On Hours: 30583.88  
 2014-05-09 21:03:56.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-09 21:03:56.340 Total Number of Boots: 120  
 2014-05-09 21:03:56.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-09 21:03:56.340 Total Number of Re-Syncs: 213  
 2014-05-09 21:03:56.340 Status Inputs: 00000000  
 2014-05-09 21:03:56.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-09 21:03:56.340 Clock Quality: 100%  
 2014-05-09 21:03:56.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-09 21:03:56.340 Clock Phase: 0 usec. max allowed=50000  
 2014-05-09 21:03:56.340 Boom positions:  
 2014-05-09 21:03:56.340 ch1: -2 ch2: -14 ch3: -6 ch4: 20 ch5: 20 ch6: 20  
 2014-05-09 21:03:56.340 Analog Status  
 2014-05-09 21:03:56.340 Analog Positive Supply: 5.46V  
 2014-05-09 21:03:56.340 Input Voltage: 13.20V  
 2014-05-09 21:03:56.340 System Temperature: 5C  
 2014-05-09 21:03:56.340 Main Current: 61ma  
 2014-05-09 21:03:56.340 Antenna Current: 0ma  
 2014-05-09 21:03:56.340 GPS Status  
 2014-05-09 21:03:56.340 Time: 21:03:55  
 2014-05-09 21:03:56.340 Date:  
 2014-05-09 21:03:56.340 Fix Type: 1-D  
 2014-05-09 21:03:56.340 Height:  
 2014-05-09 21:03:56.340 Latitude:  
 2014-05-09 21:03:56.340 Longitude:  
 2014-05-09 21:03:56.340 On Time: 0min  
 2014-05-09 21:03:56.340 Sat. Used: 0  
 2014-05-09 21:03:56.340 In View: 0  
 2014-05-09 21:03:56.340 Checksum Errors: 0  
 2014-05-09 21:03:56.340 Last GPS timemark: 2014-05-09 21:03:54  
 2014-05-09 21:03:56.340 PLL Status  
 2014-05-09 21:03:56.340 State: Lock  
 2014-05-09 21:03:56.340 Initial VCO: 2200.762695  
 2014-05-09 21:03:56.340 Time Error: 0.000000  
 2014-05-09 21:03:56.340 RMS VCO: 0.0000000  
 2014-05-09 21:03:56.340 Best VCO: 2200.66  
 2014-05-09 21:03:56.340 Seconds Since Track or Lock: 0.0  
 2014-05-09 21:03:56.340 vco Control: 2201  
 2014-05-09 21:03:56.340 timing mode: external seascan  
 2014-05-09 21:03:56.340 tempco normal  
 2014-05-09 21:03:56.340 PLL update: 10s PLL lock criterion: 5us  
 2014-05-09 21:03:56.340 Pfrac: 150.00  
 2014-05-09 21:03:56.340 VCO slope: -0.0175000  
 2014-05-09 21:03:56.340 VCO intercept: 7.1100001  
 2014-05-09 21:03:56.340 km delta: 600.0000000  
 2014-05-09 21:03:56.340 Logical Port 4 Status  
 2014-05-09 21:03:56.340 Data Packets Sent: 3403916  
 2014-05-09 21:03:56.340 Flood Packets Sent: 0  
 2014-05-09 21:03:56.340 Packets Re-Sent: 4555  
 2014-05-09 21:03:56.340 Sequence Errors: 0  
 2014-05-09 21:03:56.340 Packet Buffer Used: 21879220  
 2014-05-09 21:03:56.340 Physical Port: Ethernet

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2014-05-09 21:03:56.340 Baler Model: 14 Software Version: 2.28
2014-05-09 21:03:56.340 MAC Address: 00:04:FB:00:02:EA
2014-05-09 21:03:56.340 Disk Size: 20000669696
2014-05-09 21:03:56.340 Percent of 1177 data files in use: 8.0
2014-05-09 21:03:56.340 Channels Enabled: 1234 Preamps ON channels:
2014-05-09 21:03:56.340 Channel Sensitivities (uV per count):
2014-05-09 21:03:56.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-09 21:03:56.340 Digitizer Calibration Results:
2014-05-09 21:03:56.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-09 21:03:56.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-09 21:03:56.340 DMU1 Software Version=10
2014-05-09 21:03:56.340 Supply Voltage=12.7
2014-05-09 21:03:56.340 Supply Current=0.41
2014-05-09 21:03:56.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-09 21:03:56.340 WebLink Data Maps Restored
2014-05-09 21:03:56.340 [2014-05-09 09:03:02.999998] sequence resumes: 2876292 to
2876292
2014-05-09 21:03:56.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-09 21:03:55
2014-05-09 21:09:20.950 Reducing Status Polling Interval
2014-05-09 21:09:20.950 [2014-05-09 21:09:19.999998] total packets received: 46837
2014-05-09 21:09:20.950 [2014-05-09 21:09:19.999998] command timeouts: 6
2014-05-09 21:09:20.950 [2014-05-09 21:09:19.999998] out of window: 48
2014-05-09 21:09:20.950 written: HHZ-1161 HH1-1339 HH2-1369 BDH-425 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-05-09 21:09:20.950 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-05-09 21:09:20.950 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-09 21:09:20.950 [2014-05-09 21:09:19.999998] Done: 4425 recs. seq end:
2919869. run: 319 s
2014-05-10 09:10:12.360
2014-05-10 09:10:12.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-10 09:10:12.360 Control Port 2491 Opened
2014-05-10 09:10:12.360 Baler ready on Ethernet
2014-05-10 09:10:12.360 Power Cycled Baler Acknowledged
2014-05-10 09:10:12.360 Commands Accepted by Q330
2014-05-10 09:10:12.360 Access timeout: 300 sec
2014-05-10 09:10:12.360 Control Port 4023 Opened
2014-05-10 09:10:12.360 Data Port 4024 Opened
2014-05-10 09:10:12.360 Registered with Q330
2014-05-10 09:10:12.360 Combination Record Received
2014-05-10 09:10:12.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-10 09:10:12.360 Link Reset, starting window sequence: 42450
2014-05-10 09:10:12.360 GPS Receiver ID Received
2014-05-10 09:10:12.360 Manufacturer's Data Received, Property Tag=2017
2014-05-10 09:10:12.360 Digitizer Gain & Offsets Received
2014-05-10 09:10:12.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4425 recs.
seq end: 2919869
2014-05-10 09:10:12.360 Baler clock set to 2014-05-10 09:10:11
2014-05-10 09:10:12.360 Starting to Read DP Tokens
2014-05-10 09:10:12.360 DP Tokens loaded, size=1474 bytes
2014-05-10 09:10:12.360 webserver advertising 192.168.200.119:5380
2014-05-10 09:10:12.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-10 09:10:12.360 filters & delay HH1:2@100,Linear all=0.320000
2014-05-10 09:10:12.360 filters & delay HH2:3@100,Linear all=0.320000
2014-05-10 09:10:12.360 filters & delay BDH:4@20,Linear all=1.650000
2014-05-10 09:10:12.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-10 09:10:12.360 filters & delay LH1:2@1,Linear all=15.000000
2014-05-10 09:10:12.360 filters & delay LH2:3@1,Linear all=15.000000
2014-05-10 09:10:12.360 filters & delay LDH:4@1,Linear all=15.000000
2014-05-10 09:10:12.360 [2014-05-09 21:09:19.999998] continuity found: 2919869
452984960.000000 Q=100
2014-05-10 09:10:12.360 [2014-05-09 21:09:19.999998] restoring continuity

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2014-05-10 09:10:12.360 Sending DT\_OPEN  
 2014-05-10 09:10:12.360 Station: XX-2017  
 2014-05-10 09:10:12.360 Q330 Serial Number: 0100000DB18FC351  
 2014-05-10 09:10:12.360 AMB Serial Number: 0100000B6909DD82  
 2014-05-10 09:10:12.360 Seismo 1 Serial Number: 0000000000000000  
 2014-05-10 09:10:12.360 Seismo 2 Serial Number: 0000000000000000  
 2014-05-10 09:10:12.360 QAPCHP 1 Serial Number: 4643206  
 2014-05-10 09:10:12.360 QAPCHP 2 Serial Number: 3743050  
 2014-05-10 09:10:12.360 KMI Property Tag Number: 2017  
 2014-05-10 09:10:12.360 System Software Version: 1.146  
 2014-05-10 09:10:12.360 Slave Processor Version: 1.11  
 2014-05-10 09:10:12.360 Calibrator Type: QCAL330  
 2014-05-10 09:10:12.360 Calibrator Version: 1.8  
 2014-05-10 09:10:12.360 Auxiliary Board Type: None  
 2014-05-10 09:10:12.360 Clock Type: Motorola M12  
 2014-05-10 09:10:12.360 PLD Version: 7.9  
 2014-05-10 09:10:12.360 Total Hours: 65965.60  
 2014-05-10 09:10:12.360 Power On Hours: 30595.98  
 2014-05-10 09:10:12.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-10 09:10:12.360 Total Number of Boots: 120  
 2014-05-10 09:10:12.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-10 09:10:12.360 Total Number of Re-Syncs: 213  
 2014-05-10 09:10:12.360 Status Inputs: 00000000  
 2014-05-10 09:10:12.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-10 09:10:12.360 Clock Quality: 100%  
 2014-05-10 09:10:12.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-10 09:10:12.360 Clock Phase: 0 usec. max allowed=50000  
 2014-05-10 09:10:12.360 Boom positions:  
 2014-05-10 09:10:12.360 Ch1: -2 Ch2: -14 Ch3: -7 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-10 09:10:12.360 Analog Status  
 2014-05-10 09:10:12.360 Analog Positive Supply: 5.46V  
 2014-05-10 09:10:12.360 Input Voltage: 13.35V  
 2014-05-10 09:10:12.360 System Temperature: 5C  
 2014-05-10 09:10:12.360 Main Current: 61ma  
 2014-05-10 09:10:12.360 Antenna Current: 0ma  
 2014-05-10 09:10:12.360 GPS Status  
 2014-05-10 09:10:12.360 Time: 09:10:11  
 2014-05-10 09:10:12.360 Date:  
 2014-05-10 09:10:12.360 Fix Type: 1-D  
 2014-05-10 09:10:12.360 Height:  
 2014-05-10 09:10:12.360 Latitude:  
 2014-05-10 09:10:12.360 Longitude:  
 2014-05-10 09:10:12.360 On Time: 0min  
 2014-05-10 09:10:12.360 Sat. Used: 0  
 2014-05-10 09:10:12.360 In View: 0  
 2014-05-10 09:10:12.360 Checksum Errors: 0  
 2014-05-10 09:10:12.360 Last GPS timemark: 2014-05-10 09:10:10  
 2014-05-10 09:10:12.360 PLL Status  
 2014-05-10 09:10:12.360 State: Lock  
 2014-05-10 09:10:12.360 Initial VCO: 2200.749512  
 2014-05-10 09:10:12.360 Time Error: 0.000000  
 2014-05-10 09:10:12.360 RMS VCO: 0.0000000  
 2014-05-10 09:10:12.360 Best VCO: 2200.81  
 2014-05-10 09:10:12.360 Seconds Since Track or Lock: 0.0  
 2014-05-10 09:10:12.360 Vco Control: 2201  
 2014-05-10 09:10:12.360 timing mode: external seascan  
 2014-05-10 09:10:12.360 tempco normal  
 2014-05-10 09:10:12.360 PLL update: 10s PLL lock criterion: 5us  
 2014-05-10 09:10:12.360 Pfrac: 150.00  
 2014-05-10 09:10:12.360 VCO slope: -0.0175000  
 2014-05-10 09:10:12.360 VCO intercept: 7.1100001  
 2014-05-10 09:10:12.360 km delta: 600.0000000  
 2014-05-10 09:10:12.360 Logical Port 4 Status

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2014-05-10 09:10:12.360 Data Packets Sent: 3450675  
 2014-05-10 09:10:12.360 Flood Packets Sent: 0  
 2014-05-10 09:10:12.360 Packets Re-Sent: 4615  
 2014-05-10 09:10:12.360 Sequence Errors: 0  
 2014-05-10 09:10:12.360 Packet Buffer Used: 20241184  
 2014-05-10 09:10:12.360 Physical Port: Ethernet  
 2014-05-10 09:10:12.360 Baler Model: 14 Software Version: 2.28  
 2014-05-10 09:10:12.360 MAC Address: 00:04:FB:00:02:EA  
 2014-05-10 09:10:12.360 Disk Size: 20000669696  
 2014-05-10 09:10:12.360 Percent of 1177 data files in use: 8.1  
 2014-05-10 09:10:12.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-10 09:10:12.360 Channel Sensitivities (uV per count):  
 2014-05-10 09:10:12.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-10 09:10:12.360 Digitizer Calibration Results:  
 2014-05-10 09:10:12.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-10 09:10:12.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-10 09:10:12.360 DMU1 Software Version=10  
 2014-05-10 09:10:12.360 Supply Voltage=12.7  
 2014-05-10 09:10:12.360 Supply Current=0.40  
 2014-05-10 09:10:12.360 webLink Data Maps Restored  
 2014-05-10 09:10:12.360 [2014-05-09 21:09:19.999998] sequence resumes: 2919869 to  
 2919869  
 2014-05-10 09:10:12.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-10 09:10:11  
 2014-05-10 09:11:18.540 [2014-05-10 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-05-10 09:15:21.200 Reducing Status Polling Interval  
 2014-05-10 09:15:21.200 [2014-05-10 09:15:21.000000] total packets received: 43678  
 2014-05-10 09:15:21.200 [2014-05-10 09:15:21.000000] command timeouts: 6  
 2014-05-10 09:15:21.200 [2014-05-10 09:15:21.000000] out of window: 58  
 2014-05-10 09:15:21.200 written: HHZ-1051 HH1-1199 HH2-1226 BDH-420 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-05-10 09:15:21.200 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-05-10 09:15:21.200 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-05-10 09:15:21.200 [2014-05-10 09:15:21.000000] Done: 4039 recs. seq end:  
 2963430. run: 305 s  
 2014-05-10 21:16:15.360  
 2014-05-10 21:16:15.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-10 21:16:15.360 Control Port 2491 Opened  
 2014-05-10 21:16:15.360 Baler ready on Ethernet  
 2014-05-10 21:16:15.360 Power Cycled Baler Acknowledged  
 2014-05-10 21:16:15.360 Commands Accepted by Q330  
 2014-05-10 21:16:15.360 Access timeout: 300 sec  
 2014-05-10 21:16:15.360 Control Port 4023 Opened  
 2014-05-10 21:16:15.360 Data Port 4024 Opened  
 2014-05-10 21:16:15.360 Registered with Q330  
 2014-05-10 21:16:15.360 Combination Record Received  
 2014-05-10 21:16:15.360 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-10 21:16:15.360 Link Reset, starting window sequence: 20500  
 2014-05-10 21:16:15.360 GPS Receiver ID Received  
 2014-05-10 21:16:15.360 Manufacturer's Data Received, Property Tag=2017  
 2014-05-10 21:16:15.360 Digitizer Gain & Offsets Received  
 2014-05-10 21:16:15.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4039 recs.  
 seq end: 2963430  
 2014-05-10 21:16:15.360 Baler clock set to 2014-05-10 21:16:14  
 2014-05-10 21:16:15.360 Starting to Read DP Tokens  
 2014-05-10 21:16:15.360 DP Tokens loaded, size=1474 bytes  
 2014-05-10 21:16:15.360 webserver advertising 192.168.200.119:5380  
 2014-05-10 21:16:15.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-10 21:16:15.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-10 21:16:15.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-10 21:16:15.360 filters & delay BDH:4@20,Linear all=1.650000



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2014-05-10 21:16:15.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-10 21:16:15.360 filters & delay LH1:2@1,Linear all=15.000000
2014-05-10 21:16:15.360 filters & delay LH2:3@1,Linear all=15.000000
2014-05-10 21:16:15.360 filters & delay LDH:4@1,Linear all=15.000000
2014-05-10 21:16:15.360 [2014-05-10 09:15:21.000000] continuity found: 2963430
453028521.000000 Q=100
2014-05-10 21:16:15.360 [2014-05-10 09:15:21.000000] restoring continuity
2014-05-10 21:16:15.360 Sending DT_OPEN
2014-05-10 21:16:15.360 Station: XX-2017
2014-05-10 21:16:15.360 Q330 Serial Number: 0100000DB18FC351
2014-05-10 21:16:15.360 AMB Serial Number: 0100000B6909DD82
2014-05-10 21:16:15.360 Seismo 1 Serial Number: 0000000000000000
2014-05-10 21:16:15.360 Seismo 2 Serial Number: 0000000000000000
2014-05-10 21:16:15.360 QAPCHP 1 Serial Number: 4643206
2014-05-10 21:16:15.360 QAPCHP 2 Serial Number: 3743050
2014-05-10 21:16:15.360 KMI Property Tag Number: 2017
2014-05-10 21:16:15.360 System Software Version: 1.146
2014-05-10 21:16:15.360 Slave Processor Version: 1.11
2014-05-10 21:16:15.360 Calibrator Type: QCAL330
2014-05-10 21:16:15.360 Calibrator Version: 1.8
2014-05-10 21:16:15.360 Auxiliary Board Type: None
2014-05-10 21:16:15.360 Clock Type: Motorola M12
2014-05-10 21:16:15.360 PLD Version: 7.9
2014-05-10 21:16:15.360 Total Hours: 65977.70
2014-05-10 21:16:15.360 Power On Hours: 30608.08
2014-05-10 21:16:15.360 Time of Last Boot: 2014-04-06 02:03:58
2014-05-10 21:16:15.360 Total Number of Boots: 120
2014-05-10 21:16:15.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-10 21:16:15.360 Total Number of Re-Syncs: 213
2014-05-10 21:16:15.360 Status Inputs: 00000000
2014-05-10 21:16:15.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-10 21:16:15.360 Clock Quality: 100%
2014-05-10 21:16:15.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-10 21:16:15.360 Clock Phase: 0 usec. max allowed=50000
2014-05-10 21:16:15.360 Boom positions:
2014-05-10 21:16:15.360 Ch1: -2 Ch2: -15 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-10 21:16:15.360 Analog Status
2014-05-10 21:16:15.360 Analog Positive Supply: 5.46V
2014-05-10 21:16:15.360 Input Voltage: 13.20V
2014-05-10 21:16:15.360 System Temperature: 5C
2014-05-10 21:16:15.360 Main Current: 63ma
2014-05-10 21:16:15.360 Antenna Current: 0ma
2014-05-10 21:16:15.360 GPS Status
2014-05-10 21:16:15.360 Time: 21:16:14
2014-05-10 21:16:15.360 Date:
2014-05-10 21:16:15.360 Fix Type: 1-D
2014-05-10 21:16:15.360 Height:
2014-05-10 21:16:15.360 Latitude:
2014-05-10 21:16:15.360 Longitude:
2014-05-10 21:16:15.360 On Time: 0min
2014-05-10 21:16:15.360 Sat. Used: 0
2014-05-10 21:16:15.360 In View: 0
2014-05-10 21:16:15.360 Checksum Errors: 0
2014-05-10 21:16:15.360 Last GPS timemark: 2014-05-10 21:16:13
2014-05-10 21:16:15.360 PLL Status
2014-05-10 21:16:15.360 State: Lock
2014-05-10 21:16:15.360 Initial VCO: 2200.891113
2014-05-10 21:16:15.360 Time Error: 0.000000
2014-05-10 21:16:15.360 RMS VCO: 0.000000
2014-05-10 21:16:15.360 Best VCO: 2200.93
2014-05-10 21:16:15.360 Seconds Since Track or Lock: 0.0
2014-05-10 21:16:15.360 Vco Control: 2201
2014-05-10 21:16:15.360 timing mode: external seascan

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2014-05-10 21:16:15.360 tempco normal  
 2014-05-10 21:16:15.360 PLL update: 10s PLL lock criterion: 5us  
 2014-05-10 21:16:15.360 Pfrac: 150.00  
 2014-05-10 21:16:15.360 VCO slope: -0.0175000  
 2014-05-10 21:16:15.360 VCO intercept: 7.1100001  
 2014-05-10 21:16:15.360 km delta: 600.0000000  
 2014-05-10 21:16:15.360 Logical Port 4 Status  
 2014-05-10 21:16:15.360 Data Packets Sent: 3494266  
 2014-05-10 21:16:15.360 Flood Packets Sent: 0  
 2014-05-10 21:16:15.360 Packets Re-Sent: 4688  
 2014-05-10 21:16:15.360 Sequence Errors: 0  
 2014-05-10 21:16:15.360 Packet Buffer Used: 20919648  
 2014-05-10 21:16:15.360 Physical Port: Ethernet  
 2014-05-10 21:16:15.360 Baler Model: 14 Software Version: 2.28  
 2014-05-10 21:16:15.360 MAC Address: 00:04:FB:00:02:EA  
 2014-05-10 21:16:15.360 Disk Size: 20000669696  
 2014-05-10 21:16:15.360 Percent of 1177 data files in use: 8.2  
 2014-05-10 21:16:15.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-10 21:16:15.360 Channel Sensitivities (uV per count):  
 2014-05-10 21:16:15.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-10 21:16:15.360 Digitizer Calibration Results:  
 2014-05-10 21:16:15.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-10 21:16:15.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-10 21:16:15.360 DMU1 Software Version=10  
 2014-05-10 21:16:15.360 Supply Voltage=12.7  
 2014-05-10 21:16:15.360 Supply Current=0.40  
 2014-05-10 21:16:15.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-10 21:16:15.360 WebLink Data Maps Restored  
 2014-05-10 21:16:15.360 [2014-05-10 09:15:21.000000] sequence resumes: 2963430 to  
 2963430  
 2014-05-10 21:16:15.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-05-10 21:16:14  
 2014-05-10 21:21:36.400 Reducing Status Polling Interval  
 2014-05-10 21:21:36.400 [2014-05-10 21:21:35.999998] total packets received: 44227  
 2014-05-10 21:21:36.400 [2014-05-10 21:21:35.999998] command timeouts: 6  
 2014-05-10 21:21:36.400 [2014-05-10 21:21:35.999998] out of window: 62  
 2014-05-10 21:21:36.400 written: HHZ-1109 HH1-1238 HH2-1300 BDH-421 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-10 21:21:36.400 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-05-10 21:21:36.400 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-05-10 21:21:36.400 [2014-05-10 21:21:35.999998] Done: 4207 recs. seq end:  
 3007005. run: 316 s  
 2014-05-11 09:22:27.320  
 2014-05-11 09:22:27.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-11 09:22:27.320 Control Port 2491 Opened  
 2014-05-11 09:22:27.320 Baler ready on Ethernet  
 2014-05-11 09:22:27.320 Power Cycled Baler Acknowledged  
 2014-05-11 09:22:27.320 Commands Accepted by Q330  
 2014-05-11 09:22:27.320 Access timeout: 300 sec  
 2014-05-11 09:22:27.320 Control Port 4023 Opened  
 2014-05-11 09:22:27.320 Data Port 4024 Opened  
 2014-05-11 09:22:27.320 Registered with Q330  
 2014-05-11 09:22:27.320 Combination Record Received  
 2014-05-11 09:22:27.320 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-11 09:22:27.320 Link Reset, starting window sequence: 64630  
 2014-05-11 09:22:27.320 GPS Receiver ID Received  
 2014-05-11 09:22:27.320 Manufacturer's Data Received, Property Tag=2017  
 2014-05-11 09:22:27.320 Digitizer Gain & Offsets Received  
 2014-05-11 09:22:27.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4207 recs.  
 seq end: 3007005  
 2014-05-11 09:22:27.320 Baler clock set to 2014-05-11 09:22:26  
 2014-05-11 09:22:27.320 Starting to Read DP Tokens

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2014-05-11 09:22:27.320 DP Tokens loaded, size=1474 bytes
2014-05-11 09:22:27.320 Webserver advertising 192.168.200.119:5380
2014-05-11 09:22:27.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-11 09:22:27.320 filters & delay HH1:2@100,Linear all=0.320000
2014-05-11 09:22:27.320 filters & delay HH2:3@100,Linear all=0.320000
2014-05-11 09:22:27.320 filters & delay BDH:4@20,Linear all=1.650000
2014-05-11 09:22:27.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-11 09:22:27.320 filters & delay LH1:2@1,Linear all=15.000000
2014-05-11 09:22:27.320 filters & delay LH2:3@1,Linear all=15.000000
2014-05-11 09:22:27.320 filters & delay LDH:4@1,Linear all=15.000000
2014-05-11 09:22:27.320 [2014-05-10 21:21:35.999998] continuity found: 3007005
453072096.000000 Q=100
2014-05-11 09:22:27.320 [2014-05-10 21:21:35.999998] restoring continuity
2014-05-11 09:22:27.320 Sending DT_OPEN
2014-05-11 09:22:27.320 Station: XX-2017
2014-05-11 09:22:27.320 Q330 Serial Number: 0100000DB18FC351
2014-05-11 09:22:27.320 AMB Serial Number: 0100000B6909DD82
2014-05-11 09:22:27.320 Seismo 1 Serial Number: 0000000000000000
2014-05-11 09:22:27.320 Seismo 2 Serial Number: 0000000000000000
2014-05-11 09:22:27.320 QAPCHP 1 Serial Number: 4643206
2014-05-11 09:22:27.320 QAPCHP 2 Serial Number: 3743050
2014-05-11 09:22:27.320 KMI Property Tag Number: 2017
2014-05-11 09:22:27.320 System Software Version: 1.146
2014-05-11 09:22:27.320 Slave Processor Version: 1.11
2014-05-11 09:22:27.320 Calibrator Type: QCAL330
2014-05-11 09:22:27.320 Calibrator Version: 1.8
2014-05-11 09:22:27.320 Auxiliary Board Type: None
2014-05-11 09:22:27.320 Clock Type: Motorola M12
2014-05-11 09:22:27.320 PLD Version: 7.9
2014-05-11 09:22:27.320 Total Hours: 65989.80
2014-05-11 09:22:27.320 Power On Hours: 30620.19
2014-05-11 09:22:27.320 Time of Last Boot: 2014-04-06 02:03:58
2014-05-11 09:22:27.320 Total Number of Boots: 120
2014-05-11 09:22:27.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-11 09:22:27.320 Total Number of Re-Syncs: 213
2014-05-11 09:22:27.320 Status Inputs: 00000000
2014-05-11 09:22:27.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-11 09:22:27.320 Clock Quality: 100%
2014-05-11 09:22:27.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-11 09:22:27.320 Clock Phase: 0 usec. max allowed=50000
2014-05-11 09:22:27.320 Boom positions:
2014-05-11 09:22:27.320 Ch1: -2 Ch2: -16 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-11 09:22:27.320 Analog Positive Supply: 5.46V
2014-05-11 09:22:27.320 Input Voltage: 13.20V
2014-05-11 09:22:27.320 System Temperature: 5C
2014-05-11 09:22:27.320 Main Current: 62ma
2014-05-11 09:22:27.320 Antenna Current: 0ma
2014-05-11 09:22:27.320 GPS Status
2014-05-11 09:22:27.320 Time: 09:22:26
2014-05-11 09:22:27.320 Date:
2014-05-11 09:22:27.320 Fix Type: 1-D
2014-05-11 09:22:27.320 Height:
2014-05-11 09:22:27.320 Latitude:
2014-05-11 09:22:27.320 Longitude:
2014-05-11 09:22:27.320 On Time: 0min
2014-05-11 09:22:27.320 Sat. Used: 0
2014-05-11 09:22:27.320 In View: 0
2014-05-11 09:22:27.320 Checksum Errors: 0
2014-05-11 09:22:27.320 Last GPS timemark: 2014-05-11 09:22:25
2014-05-11 09:22:27.320 PLL Status
2014-05-11 09:22:27.320 State: Lock
2014-05-11 09:22:27.320 Initial VCO: 2200.785400
2014-05-11 09:22:27.320 Time Error: 0.000000

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2014-05-11 09:22:27.320 RMS VCO: 0.0000000  
 2014-05-11 09:22:27.320 Best VCO: 2200.69  
 2014-05-11 09:22:27.320 Seconds Since Track or Lock: 0.0  
 2014-05-11 09:22:27.320 Vco Control: 2201  
 2014-05-11 09:22:27.320 timing mode: external seascan  
 2014-05-11 09:22:27.320 tempco normal  
 2014-05-11 09:22:27.320 PLL update: 10s PLL lock criterion: 5us  
 2014-05-11 09:22:27.320 Pfrac: 150.00  
 2014-05-11 09:22:27.320 VCO slope: -0.0175000  
 2014-05-11 09:22:27.320 VCO intercept: 7.1100001  
 2014-05-11 09:22:27.320 Km delta: 600.0000000  
 2014-05-11 09:22:27.320 Logical Port 4 Status  
 2014-05-11 09:22:27.320 Data Packets Sent: 3538401  
 2014-05-11 09:22:27.320 Flood Packets Sent: 0  
 2014-05-11 09:22:27.320 Packets Re-Sent: 4761  
 2014-05-11 09:22:27.320 Sequence Errors: 0  
 2014-05-11 09:22:27.320 Packet Buffer Used: 21089680  
 2014-05-11 09:22:27.320 Physical Port: Ethernet  
 2014-05-11 09:22:27.320 Baler Model: 14 Software Version: 2.28  
 2014-05-11 09:22:27.320 MAC Address: 00:04:FB:00:02:EA  
 2014-05-11 09:22:27.320 Disk Size: 20000669696  
 2014-05-11 09:22:27.320 Percent of 1177 data files in use: 8.2  
 2014-05-11 09:22:27.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-11 09:22:27.320 Channel Sensitivities (uV per count):  
 2014-05-11 09:22:27.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-11 09:22:27.320 Digitizer Calibration Results:  
 2014-05-11 09:22:27.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-11 09:22:27.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-11 09:22:27.320 DMU1 Software Version=10  
 2014-05-11 09:22:27.320 Supply Voltage=12.7  
 2014-05-11 09:22:27.320 Supply Current=0.41  
 2014-05-11 09:22:27.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-11 09:22:27.320 WebLink Data Maps Restored  
 2014-05-11 09:22:27.320 [2014-05-10 21:21:35.999998] sequence resumes: 3007005 to  
 3007005  
 2014-05-11 09:22:27.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-11 09:22:26  
 2014-05-11 09:23:45.480 [2014-05-11 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-05-11 09:27:50.390 Reducing Status Polling Interval  
 2014-05-11 09:27:50.390 [2014-05-11 09:27:49.999998] total packets received: 46147  
 2014-05-11 09:27:50.390 [2014-05-11 09:27:49.999998] command timeouts: 6  
 2014-05-11 09:27:50.390 [2014-05-11 09:27:49.999998] out of window: 66  
 2014-05-11 09:27:50.390 written: HHZ-1122 HH1-1273 HH2-1283 BDH-425 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-05-11 09:27:50.390 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-05-11 09:27:50.390 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-05-11 09:27:50.390 [2014-05-11 09:27:49.999998] Done: 4239 recs. seq end:  
 3050579. run: 318 s  
 2014-05-11 21:28:40.310  
 2014-05-11 21:28:40.310 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-11 21:28:40.310 Control Port 2491 Opened  
 2014-05-11 21:28:40.310 Baler ready on Ethernet  
 2014-05-11 21:28:40.310 Power Cycled Baler Acknowledged  
 2014-05-11 21:28:40.310 Commands Accepted by Q330  
 2014-05-11 21:28:40.310 Access timeout: 300 sec  
 2014-05-11 21:28:40.310 Control Port 4023 Opened  
 2014-05-11 21:28:40.310 Data Port 4024 Opened  
 2014-05-11 21:28:40.310 Registered with Q330  
 2014-05-11 21:28:40.310 Combination Record Received  
 2014-05-11 21:28:40.310 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-11 21:28:40.310 Link Reset, starting window sequence: 45140

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2014-05-11 21:28:40.310 GPS Receiver ID Received
2014-05-11 21:28:40.310 Manufacturer's Data Received, Property Tag=2017
2014-05-11 21:28:40.310 Digitizer Gain & Offsets Received
2014-05-11 21:28:40.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4239 recs.
seq end: 3050579
2014-05-11 21:28:40.310 Baler clock set to 2014-05-11 21:28:39
2014-05-11 21:28:40.310 Starting to Read DP Tokens
2014-05-11 21:28:40.310 DP Tokens loaded, size=1474 bytes
2014-05-11 21:28:40.310 Webserver advertising 192.168.200.119:5380
2014-05-11 21:28:40.310 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-11 21:28:40.310 filters & delay HH1:2@100,Linear all=0.320000
2014-05-11 21:28:40.310 filters & delay HH2:3@100,Linear all=0.320000
2014-05-11 21:28:40.310 filters & delay BDH:4@20,Linear all=1.650000
2014-05-11 21:28:40.310 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-11 21:28:40.310 filters & delay LH1:2@1,Linear all=15.000000
2014-05-11 21:28:40.310 filters & delay LH2:3@1,Linear all=15.000000
2014-05-11 21:28:40.310 filters & delay LDH:4@1,Linear all=15.000000
2014-05-11 21:28:40.310 [2014-05-11 09:27:49.999998] continuity found: 3050579
453115670.000000 Q=100
2014-05-11 21:28:40.310 [2014-05-11 09:27:49.999998] restoring continuity
2014-05-11 21:28:40.310 Sending DT_OPEN
2014-05-11 21:28:40.310 Station: XX-2017
2014-05-11 21:28:40.310 Q330 Serial Number: 0100000DB18FC351
2014-05-11 21:28:40.310 AMB Serial Number: 0100000B6909DD82
2014-05-11 21:28:40.310 Seismo 1 Serial Number: 0000000000000000
2014-05-11 21:28:40.310 Seismo 2 Serial Number: 0000000000000000
2014-05-11 21:28:40.310 QAPCHP 1 Serial Number: 4643206
2014-05-11 21:28:40.310 QAPCHP 2 Serial Number: 3743050
2014-05-11 21:28:40.310 KMI Property Tag Number: 2017
2014-05-11 21:28:40.310 System Software Version: 1.146
2014-05-11 21:28:40.310 Slave Processor Version: 1.11
2014-05-11 21:28:40.310 Calibrator Type: QCAL330
2014-05-11 21:28:40.310 Calibrator Version: 1.8
2014-05-11 21:28:40.310 Auxiliary Board Type: None
2014-05-11 21:28:40.310 Clock Type: Motorola M12
2014-05-11 21:28:40.310 PLD Version: 7.9
2014-05-11 21:28:40.310 Total Hours: 66001.91
2014-05-11 21:28:40.310 Power On Hours: 30632.29
2014-05-11 21:28:40.310 Time of Last Boot: 2014-04-06 02:03:58
2014-05-11 21:28:40.310 Total Number of Boots: 120
2014-05-11 21:28:40.310 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-11 21:28:40.310 Total Number of Re-Syncs: 213
2014-05-11 21:28:40.310 Status Inputs: 00000000
2014-05-11 21:28:40.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-11 21:28:40.310 Clock Quality: 100%
2014-05-11 21:28:40.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-11 21:28:40.310 Clock Phase: 0 usec. max allowed=50000
2014-05-11 21:28:40.310 Boom positions:
2014-05-11 21:28:40.310 Ch1: -2 Ch2: -17 Ch3: -7 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-11 21:28:40.310 Analog Status
2014-05-11 21:28:40.310 Analog Positive Supply: 5.46V
2014-05-11 21:28:40.310 Input Voltage: 13.35V
2014-05-11 21:28:40.310 System Temperature: 5C
2014-05-11 21:28:40.310 Main Current: 62ma
2014-05-11 21:28:40.310 Antenna Current: 0ma
2014-05-11 21:28:40.310 GPS Status
2014-05-11 21:28:40.310 Time: 21:28:39
2014-05-11 21:28:40.310 Date:
2014-05-11 21:28:40.310 Fix Type: 1-D
2014-05-11 21:28:40.310 Height:
2014-05-11 21:28:40.310 Latitude:
2014-05-11 21:28:40.310 Longitude:
2014-05-11 21:28:40.310 On Time: 0min

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2014-05-11 21:28:40.310 Sat. Used: 0  
 2014-05-11 21:28:40.310 In View: 0  
 2014-05-11 21:28:40.310 Checksum Errors: 0  
 2014-05-11 21:28:40.310 Last GPS timemark: 2014-05-11 21:28:38  
 2014-05-11 21:28:40.310 PLL Status  
 2014-05-11 21:28:40.310 State: Lock  
 2014-05-11 21:28:40.310 Initial VCO: 2200.630127  
 2014-05-11 21:28:40.310 Time Error: 0.000000  
 2014-05-11 21:28:40.310 RMS VCO: 0.000000  
 2014-05-11 21:28:40.310 Best VCO: 2201.23  
 2014-05-11 21:28:40.310 Seconds Since Track or Lock: 0.0  
 2014-05-11 21:28:40.310 Vco Control: 2200  
 2014-05-11 21:28:40.310 timing mode: external seascan  
 2014-05-11 21:28:40.310 tempco normal  
 2014-05-11 21:28:40.310 PLL update: 10s PLL lock criterion: 5us  
 2014-05-11 21:28:40.310 Pfrac: 150.00  
 2014-05-11 21:28:40.310 VCO slope: -0.0175000  
 2014-05-11 21:28:40.310 VCO intercept: 7.1100001  
 2014-05-11 21:28:40.310 Km delta: 600.0000000  
 2014-05-11 21:28:40.310 Logical Port 4 Status  
 2014-05-11 21:28:40.310 Data Packets Sent: 3584452  
 2014-05-11 21:28:40.310 Flood Packets Sent: 0  
 2014-05-11 21:28:40.310 Packets Re-Sent: 4837  
 2014-05-11 21:28:40.310 Sequence Errors: 0  
 2014-05-11 21:28:40.310 Packet Buffer Used: 21369984  
 2014-05-11 21:28:40.310 Physical Port: Ethernet  
 2014-05-11 21:28:40.310 Baler Model: 14 Software Version: 2.28  
 2014-05-11 21:28:40.310 MAC Address: 00:04:FB:00:02:EA  
 2014-05-11 21:28:40.310 Disk Size: 20000669696  
 2014-05-11 21:28:40.310 Percent of 1177 data files in use: 8.4  
 2014-05-11 21:28:40.310 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-11 21:28:40.310 Channel Sensitivities (uV per count):  
 2014-05-11 21:28:40.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-11 21:28:40.310 Digitizer Calibration Results:  
 2014-05-11 21:28:40.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-11 21:28:40.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-11 21:28:40.310 DMU1 Software Version=10  
 2014-05-11 21:28:40.310 Supply Voltage=12.7  
 2014-05-11 21:28:40.310 Supply Current=0.41  
 2014-05-11 21:28:40.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-11 21:28:40.310 webLink Data Maps Restored  
 2014-05-11 21:28:40.310 [2014-05-11 09:27:49.999998] sequence resumes: 3050579 to 3050579  
 2014-05-11 21:28:40.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-11 21:28:39  
 2014-05-11 21:31:22.840 Reducing Status Polling Interval  
 2014-05-11 21:34:02.450 [2014-05-11 21:25:12.000000] total packets received: 44727  
 2014-05-11 21:34:02.450 [2014-05-11 21:25:12.000000] command timeouts: 6  
 2014-05-11 21:34:02.450 [2014-05-11 21:25:12.000000] out of window: 72  
 2014-05-11 21:34:02.450 written: HHZ-1112 HH1-1267 HH2-1322 BDH-419 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-11 21:34:02.450 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-23 LH2-23 LDH-24  
 VMZ-2 VM1-2  
 2014-05-11 21:34:02.450 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1  
 2014-05-11 21:34:02.450 [2014-05-11 21:25:12.000000] Done: 4259 recs. seq end:  
 3093621. run: 316 s  
 2014-05-12 09:34:51.340  
 2014-05-12 09:34:51.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-12 09:34:51.340 Control Port 2491 Opened  
 2014-05-12 09:34:51.340 Baler ready on Ethernet  
 2014-05-12 09:34:51.340 Power Cycled Baler Acknowledged  
 2014-05-12 09:34:51.340 Commands Accepted by Q330  
 2014-05-12 09:34:51.340 Access timeout: 300 sec

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2014-05-12 09:34:51.340 Control Port 4023 Opened
2014-05-12 09:34:51.340 Data Port 4024 Opened
2014-05-12 09:34:51.340 Registered with Q330
2014-05-12 09:34:51.340 Combination Record Received
2014-05-12 09:34:51.340 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-12 09:34:51.340 Link Reset, starting window sequence: 24201
2014-05-12 09:34:51.340 GPS Receiver ID Received
2014-05-12 09:34:51.340 Manufacturer's Data Received, Property Tag=2017
2014-05-12 09:34:51.340 Digitizer Gain & Offsets Received
2014-05-12 09:34:51.340 Baler clock set to 2014-05-12 09:34:50
2014-05-12 09:34:51.340 Starting to Read DP Tokens
2014-05-12 09:34:51.340 DP Tokens loaded, size=1474 bytes
2014-05-12 09:34:51.340 Webserver advertising 192.168.200.119:5380
2014-05-12 09:34:51.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-12 09:34:51.340 filters & delay HH1:2@100,Linear all=0.320000
2014-05-12 09:34:51.340 filters & delay HH2:3@100,Linear all=0.320000
2014-05-12 09:34:51.340 filters & delay BDH:4@20,Linear all=1.650000
2014-05-12 09:34:51.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-12 09:34:51.340 filters & delay LH1:2@1,Linear all=15.000000
2014-05-12 09:34:51.340 filters & delay LH2:3@1,Linear all=15.000000
2014-05-12 09:34:51.340 filters & delay LDH:4@1,Linear all=15.000000
2014-05-12 09:34:51.340 [2014-05-11 21:25:12.000000] continuity found: 3093621
453158712.000000 Q=100
2014-05-12 09:34:51.340 [2014-05-11 21:25:12.000000] restoring continuity
2014-05-12 09:34:51.340 Sending DT_OPEN
2014-05-12 09:34:51.340 Station: XX-2017
2014-05-12 09:34:51.340 Q330 Serial Number: 0100000DB18FC351
2014-05-12 09:34:51.340 AMB Serial Number: 0100000B6909DD82
2014-05-12 09:34:51.340 Seismo 1 Serial Number: 0000000000000000
2014-05-12 09:34:51.340 Seismo 2 Serial Number: 0000000000000000
2014-05-12 09:34:51.340 QAPCHP 1 Serial Number: 4643206
2014-05-12 09:34:51.340 QAPCHP 2 Serial Number: 3743050
2014-05-12 09:34:51.340 KMI Property Tag Number: 2017
2014-05-12 09:34:51.340 System Software Version: 1.146
2014-05-12 09:34:51.340 Slave Processor Version: 1.11
2014-05-12 09:34:51.340 Calibrator Type: QCAL330
2014-05-12 09:34:51.340 Calibrator Version: 1.8
2014-05-12 09:34:51.340 Auxiliary Board Type: None
2014-05-12 09:34:51.340 Clock Type: Motorola M12
2014-05-12 09:34:51.340 PLD Version: 7.9
2014-05-12 09:34:51.340 Total Hours: 66014.01
2014-05-12 09:34:51.340 Power On Hours: 30644.40
2014-05-12 09:34:51.340 Time of Last Boot: 2014-04-06 02:03:58
2014-05-12 09:34:51.340 Total Number of Boots: 120
2014-05-12 09:34:51.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-12 09:34:51.340 Total Number of Re-Syncs: 213
2014-05-12 09:34:51.340 Status Inputs: 00000000
2014-05-12 09:34:51.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-12 09:34:51.340 Clock Quality: 100%
2014-05-12 09:34:51.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-12 09:34:51.340 Clock Phase: 0 usec. max allowed=50000
2014-05-12 09:34:51.340 Boom positions:
2014-05-12 09:34:51.340 Ch1: -2 Ch2: -18 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-12 09:34:51.340 Analog Status
2014-05-12 09:34:51.340 Analog Positive Supply: 5.46V
2014-05-12 09:34:51.340 Input Voltage: 13.35V
2014-05-12 09:34:51.340 System Temperature: 5C
2014-05-12 09:34:51.340 Main Current: 61ma
2014-05-12 09:34:51.340 Antenna Current: 0ma
2014-05-12 09:34:51.340 GPS Status
2014-05-12 09:34:51.340 Time: 09:34:50
2014-05-12 09:34:51.340 Date:
2014-05-12 09:34:51.340 Fix Type: 1-D

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2014-05-12 09:34:51.340 Height:
2014-05-12 09:34:51.340 Latitude:
2014-05-12 09:34:51.340 Longitude:
2014-05-12 09:34:51.340 On Time: 0min
2014-05-12 09:34:51.340 Sat. Used: 0
2014-05-12 09:34:51.340 In View: 0
2014-05-12 09:34:51.340 Checksum Errors: 0
2014-05-12 09:34:51.340 Last GPS timemark: 2014-05-12 09:34:49
2014-05-12 09:34:51.340 PLL Status
2014-05-12 09:34:51.340 State: Lock
2014-05-12 09:34:51.340 Initial VCO: 2200.783936
2014-05-12 09:34:51.340 Time Error: 0.000000
2014-05-12 09:34:51.340 RMS VCO: 0.000000
2014-05-12 09:34:51.340 Best VCO: 2200.67
2014-05-12 09:34:51.340 Seconds Since Track or Lock: 0.0
2014-05-12 09:34:51.340 Vco Control: 2201
2014-05-12 09:34:51.340 timing mode: external seascan
2014-05-12 09:34:51.340 tempco normal
2014-05-12 09:34:51.340 PLL update: 10s PLL lock criterion: 5us
2014-05-12 09:34:51.340 Pfrac: 150.00
2014-05-12 09:34:51.340 VCO slope: -0.0175000
2014-05-12 09:34:51.340 VCO intercept: 7.1100001
2014-05-12 09:34:51.340 Km delta: 600.000000
2014-05-12 09:34:51.340 Logical Port 4 Status
2014-05-12 09:34:51.340 Data Packets Sent: 3629054
2014-05-12 09:34:51.340 Flood Packets Sent: 0
2014-05-12 09:34:51.340 Packets Re-Sent: 4925
2014-05-12 09:34:51.340 Sequence Errors: 0
2014-05-12 09:34:51.340 Packet Buffer Used: 21478572
2014-05-12 09:34:51.340 Physical Port: Ethernet
2014-05-12 09:34:51.340 Baler Model: 14 Software Version: 2.28
2014-05-12 09:34:51.340 MAC Address: 00:04:FB:00:02:EA
2014-05-12 09:34:51.340 Disk Size: 20000669696
2014-05-12 09:34:51.340 Percent of 1177 data files in use: 8.5
2014-05-12 09:34:51.340 Channels Enabled: 1234 Preamps ON channels:
2014-05-12 09:34:51.340 Channel Sensitivities (uV per count):
2014-05-12 09:34:51.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-12 09:34:51.340 Digitizer Calibration Results:
2014-05-12 09:34:51.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-12 09:34:51.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-12 09:34:51.340 DMU1 Software Version=10
2014-05-12 09:34:51.340 Supply Voltage=12.6
2014-05-12 09:34:51.340 Supply Current=0.41
2014-05-12 09:34:51.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-12 09:34:51.340 WebLink Data Maps Restored
2014-05-12 09:34:51.340 [2014-05-11 21:25:12.000000] sequence resumes: 3093621 to
3093621
2014-05-12 09:34:51.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-12 09:34:50
2014-05-12 09:35:51.980 [2014-05-12 00:00:00.000001] Saving Configuration to Backup
Memory
2014-05-12 09:40:20.840 Reducing Status Polling Interval
2014-05-12 09:40:20.840 [2014-05-12 09:40:19.999998] total packets received: 46398
2014-05-12 09:40:20.840 [2014-05-12 09:40:19.999998] command timeouts: 6
2014-05-12 09:40:20.840 [2014-05-12 09:40:19.999998] out of window: 57
2014-05-12 09:40:20.840 written: HHZ-1164 HH1-1304 HH2-1291 BDH-424 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-05-12 09:40:20.840 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-05-12 09:40:20.840 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-05-12 09:40:20.840 [2014-05-12 09:40:19.999998] Done: 4323 recs. seq end:
3137729. run: 324 s
2014-05-12 21:41:11.370

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2014-05-12 21:41:11.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-12 21:41:11.370 Control Port 2491 Opened
2014-05-12 21:41:11.370 Baler ready on Ethernet
2014-05-12 21:41:11.370 Power Cycled Baler Acknowledged
2014-05-12 21:41:11.370 Commands Accepted by Q330
2014-05-12 21:41:11.370 Access timeout: 300 sec
2014-05-12 21:41:11.370 Control Port 4023 Opened
2014-05-12 21:41:11.370 Data Port 4024 Opened
2014-05-12 21:41:11.370 Registered with Q330
2014-05-12 21:41:11.370 Combination Record Received
2014-05-12 21:41:11.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-12 21:41:11.370 Link Reset, starting window sequence: 4971
2014-05-12 21:41:11.370 GPS Receiver ID Received
2014-05-12 21:41:11.370 Manufacturer's Data Received, Property Tag=2017
2014-05-12 21:41:11.370 Digitizer Gain & Offsets Received
2014-05-12 21:41:11.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4323 recs.
seq end: 3137729
2014-05-12 21:41:11.370 Baler clock set to 2014-05-12 21:41:10
2014-05-12 21:41:11.370 Starting to Read DP Tokens
2014-05-12 21:41:11.370 DP Tokens loaded, size=1474 bytes
2014-05-12 21:41:11.370 Webserver advertising 192.168.200.119:5380
2014-05-12 21:41:11.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-12 21:41:11.370 filters & delay HH1:2@100,Linear all=0.320000
2014-05-12 21:41:11.370 filters & delay HH2:3@100,Linear all=0.320000
2014-05-12 21:41:11.370 filters & delay BDH:4@20,Linear all=1.650000
2014-05-12 21:41:11.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-12 21:41:11.370 filters & delay LH1:2@1,Linear all=15.000000
2014-05-12 21:41:11.370 filters & delay LH2:3@1,Linear all=15.000000
2014-05-12 21:41:11.370 filters & delay LDH:4@1,Linear all=15.000000
2014-05-12 21:41:11.370 [2014-05-12 09:40:19.999998] continuity found: 3137729
453202820.000000 Q=100
2014-05-12 21:41:11.370 [2014-05-12 09:40:19.999998] restoring continuity
2014-05-12 21:41:11.370 Sending DT_OPEN
2014-05-12 21:41:11.370 Station: XX-2017
2014-05-12 21:41:11.370 Q330 Serial Number: 0100000DB18FC351
2014-05-12 21:41:11.370 AMB Serial Number: 0100000B6909DD82
2014-05-12 21:41:11.370 Seismo 1 Serial Number: 0000000000000000
2014-05-12 21:41:11.370 Seismo 2 Serial Number: 0000000000000000
2014-05-12 21:41:11.370 QAPCHP 1 Serial Number: 4643206
2014-05-12 21:41:11.370 QAPCHP 2 Serial Number: 3743050
2014-05-12 21:41:11.370 KMI Property Tag Number: 2017
2014-05-12 21:41:11.370 System Software Version: 1.146
2014-05-12 21:41:11.370 Slave Processor Version: 1.11
2014-05-12 21:41:11.370 Calibrator Type: QCAL330
2014-05-12 21:41:11.370 Calibrator Version: 1.8
2014-05-12 21:41:11.370 Auxiliary Board Type: None
2014-05-12 21:41:11.370 Clock Type: Motorola M12
2014-05-12 21:41:11.370 PLD Version: 7.9
2014-05-12 21:41:11.370 Total Hours: 66026.12
2014-05-12 21:41:11.370 Power On Hours: 30656.50
2014-05-12 21:41:11.370 Time of Last Boot: 2014-04-06 02:03:58
2014-05-12 21:41:11.370 Total Number of Boots: 120
2014-05-12 21:41:11.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-12 21:41:11.370 Total Number of Re-Syncs: 213
2014-05-12 21:41:11.370 Status Inputs: 00000000
2014-05-12 21:41:11.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-12 21:41:11.370 Clock Quality: 100%
2014-05-12 21:41:11.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-12 21:41:11.370 Clock Phase: 0 usec. max allowed=50000
2014-05-12 21:41:11.370 Boom positions:
2014-05-12 21:41:11.370 Ch1: -2 Ch2: -19 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-12 21:41:11.370 Analog Status
2014-05-12 21:41:11.370 Analog Positive Supply: 5.46V

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2014-05-12 21:41:11.370 Input Voltage: 13.35V  
 2014-05-12 21:41:11.370 System Temperature: 5C  
 2014-05-12 21:41:11.370 Main Current: 61ma  
 2014-05-12 21:41:11.370 Antenna Current: 0ma  
 2014-05-12 21:41:11.370 GPS Status  
 2014-05-12 21:41:11.370 Time: 21:41:10  
 2014-05-12 21:41:11.370 Date:  
 2014-05-12 21:41:11.370 Fix Type: 1-D  
 2014-05-12 21:41:11.370 Height:  
 2014-05-12 21:41:11.370 Latitude:  
 2014-05-12 21:41:11.370 Longitude:  
 2014-05-12 21:41:11.370 On Time: 0min  
 2014-05-12 21:41:11.370 Sat. Used: 0  
 2014-05-12 21:41:11.370 In View: 0  
 2014-05-12 21:41:11.370 Checksum Errors: 0  
 2014-05-12 21:41:11.370 Last GPS timemark: 2014-05-12 21:41:09  
 2014-05-12 21:41:11.370 PLL Status  
 2014-05-12 21:41:11.370 State: Lock  
 2014-05-12 21:41:11.370 Initial VCO: 2200.871094  
 2014-05-12 21:41:11.370 Time Error: 0.000000  
 2014-05-12 21:41:11.370 RMS VCO: 0.0000000  
 2014-05-12 21:41:11.370 Best VCO: 2200.91  
 2014-05-12 21:41:11.370 Seconds Since Track or Lock: 0.0  
 2014-05-12 21:41:11.370 Vco Control: 2201  
 2014-05-12 21:41:11.370 timing mode: external seascan  
 2014-05-12 21:41:11.370 tempco normal  
 2014-05-12 21:41:11.370 PLL update: 10s PLL lock criterion: 5us  
 2014-05-12 21:41:11.370 Pfrac: 150.00  
 2014-05-12 21:41:11.370 VCO slope: -0.0175000  
 2014-05-12 21:41:11.370 VCO intercept: 7.1100001  
 2014-05-12 21:41:11.370 Km delta: 600.0000000  
 2014-05-12 21:41:11.370 Logical Port 4 Status  
 2014-05-12 21:41:11.370 Data Packets Sent: 3675365  
 2014-05-12 21:41:11.370 Flood Packets Sent: 0  
 2014-05-12 21:41:11.370 Packets Re-Sent: 4998  
 2014-05-12 21:41:11.370 Sequence Errors: 0  
 2014-05-12 21:41:11.370 Packet Buffer Used: 20160744  
 2014-05-12 21:41:11.370 Physical Port: Ethernet  
 2014-05-12 21:41:11.370 Baler Model: 14 Software Version: 2.28  
 2014-05-12 21:41:11.370 Disk Size: 20000669696  
 2014-05-12 21:41:11.370 Percent of 1177 data files in use: 8.6  
 2014-05-12 21:41:11.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-12 21:41:11.370 Channel Sensitivities (uV per count):  
 2014-05-12 21:41:11.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-12 21:41:11.370 Digitizer Calibration Results:  
 2014-05-12 21:41:11.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-12 21:41:11.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-12 21:41:11.370 DMU1 Software Version=10  
 2014-05-12 21:41:11.370 Supply Voltage=12.8  
 2014-05-12 21:41:11.370 Supply Current=0.41  
 2014-05-12 21:41:11.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-12 21:41:11.370 WebLink Data Maps Restored  
 2014-05-12 21:41:11.370 [2014-05-12 09:40:19.999998] sequence resumes: 3137729 to  
 3137729  
 2014-05-12 21:41:11.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-12 21:41:10  
 2014-05-12 21:46:16.920 Reducing Status Polling Interval  
 2014-05-12 21:46:16.920 [2014-05-12 21:46:15.999998] total packets received: 44186  
 2014-05-12 21:46:16.920 [2014-05-12 21:46:15.999998] command timeouts: 6  
 2014-05-12 21:46:16.920 [2014-05-12 21:46:15.999998] out of window: 46  
 2014-05-12 21:46:16.920 written: HHZ-1076 HH1-1211 HH2-1184 BDH-405 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-05-12 21:46:16.920 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-23 LH2-23 LDH-24

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VMZ-1 VM1-1
2014-05-12 21:46:16.920 written: VM2-1 LOG-2 ACE-1 OCF-1
2014-05-12 21:46:16.920 [2014-05-12 21:46:15.999998] Done: 4004 recs. seq end:
3181285. run: 302 s
2014-05-13 09:47:11.350
2014-05-13 09:47:11.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-13 09:47:11.350 Control Port 2491 Opened
2014-05-13 09:47:11.350 Baler ready on Ethernet
2014-05-13 09:47:11.350 Power Cycled Baler Acknowledged
2014-05-13 09:47:11.350 Commands Accepted by Q330
2014-05-13 09:47:11.350 Access timeout: 300 sec
2014-05-13 09:47:11.350 Control Port 4023 Opened
2014-05-13 09:47:11.350 Data Port 4024 Opened
2014-05-13 09:47:11.350 Registered with Q330
2014-05-13 09:47:11.350 Combination Record Received
2014-05-13 09:47:11.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-13 09:47:11.350 Link Reset, starting window sequence: 49077
2014-05-13 09:47:11.350 GPS Receiver ID Received
2014-05-13 09:47:11.350 Manufacturer's Data Received, Property Tag=2017
2014-05-13 09:47:11.350 Digitizer Gain & Offsets Received
2014-05-13 09:47:11.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4004 recs.
seq end: 3181285
2014-05-13 09:47:11.350 Baler clock set to 2014-05-13 09:47:10
2014-05-13 09:47:11.350 Starting to Read DP Tokens
2014-05-13 09:47:11.350 DP Tokens loaded, size=1474 bytes
2014-05-13 09:47:11.350 Webserver advertising 192.168.200.119:5380
2014-05-13 09:47:11.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-13 09:47:11.350 filters & delay HH1:2@100,Linear all=0.320000
2014-05-13 09:47:11.350 filters & delay HH2:3@100,Linear all=0.320000
2014-05-13 09:47:11.350 filters & delay BDH:4@20,Linear all=1.650000
2014-05-13 09:47:11.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-13 09:47:11.350 filters & delay LH1:2@1,Linear all=15.000000
2014-05-13 09:47:11.350 filters & delay LH2:3@1,Linear all=15.000000
2014-05-13 09:47:11.350 filters & delay LDH:4@1,Linear all=15.000000
2014-05-13 09:47:11.350 [2014-05-12 21:46:15.999998] continuity found: 3181285
453246376.000000 Q=100
2014-05-13 09:47:11.350 [2014-05-12 21:46:15.999998] restoring continuity
2014-05-13 09:47:11.350 Sending DT_OPEN
2014-05-13 09:47:11.350 Station: XX-2017
2014-05-13 09:47:11.350 Q330 Serial Number: 0100000DB18FC351
2014-05-13 09:47:11.350 AMB Serial Number: 0100000B6909DD82
2014-05-13 09:47:11.350 Seismo 1 Serial Number: 0000000000000000
2014-05-13 09:47:11.350 Seismo 2 Serial Number: 0000000000000000
2014-05-13 09:47:11.350 QAPCHP 1 Serial Number: 4643206
2014-05-13 09:47:11.350 QAPCHP 2 Serial Number: 3743050
2014-05-13 09:47:11.350 KMI Property Tag Number: 2017
2014-05-13 09:47:11.350 System Software Version: 1.146
2014-05-13 09:47:11.350 Slave Processor Version: 1.11
2014-05-13 09:47:11.350 Calibrator Type: QCAL330
2014-05-13 09:47:11.350 Calibrator Version: 1.8
2014-05-13 09:47:11.350 Auxiliary Board Type: None
2014-05-13 09:47:11.350 Clock Type: Motorola M12
2014-05-13 09:47:11.350 PLD Version: 7.9
2014-05-13 09:47:11.350 Total Hours: 66038.22
2014-05-13 09:47:11.350 Power On Hours: 30668.60
2014-05-13 09:47:11.350 Time of Last Boot: 2014-04-06 02:03:58
2014-05-13 09:47:11.350 Total Number of Boots: 120
2014-05-13 09:47:11.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-13 09:47:11.350 Total Number of Re-Syncs: 213
2014-05-13 09:47:11.350 Status Inputs: 00000000
2014-05-13 09:47:11.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-13 09:47:11.350 Clock Quality: 100%
2014-05-13 09:47:11.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

```

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2014-05-13 09:47:11.350 Clock Phase: 0 usec. max allowed=50000  
 2014-05-13 09:47:11.350 Boom positions:  
 2014-05-13 09:47:11.350 Ch1: -2 Ch2: -19 Ch3: -7 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-13 09:47:11.350 Analog Status  
 2014-05-13 09:47:11.350 Analog Positive Supply: 5.46V  
 2014-05-13 09:47:11.350 Input Voltage: 13.35V  
 2014-05-13 09:47:11.350 System Temperature: 5C  
 2014-05-13 09:47:11.350 Main Current: 61ma  
 2014-05-13 09:47:11.350 Antenna Current: 0ma  
 2014-05-13 09:47:11.350 GPS Status  
 2014-05-13 09:47:11.350 Time: 09:47:10  
 2014-05-13 09:47:11.350 Date:  
 2014-05-13 09:47:11.350 Fix Type: 1-D  
 2014-05-13 09:47:11.350 Height:  
 2014-05-13 09:47:11.350 Latitude:  
 2014-05-13 09:47:11.350 Longitude:  
 2014-05-13 09:47:11.350 On Time: 0min  
 2014-05-13 09:47:11.350 Sat. Used: 0  
 2014-05-13 09:47:11.350 In View: 0  
 2014-05-13 09:47:11.350 Checksum Errors: 0  
 2014-05-13 09:47:11.350 Last GPS timemark: 2014-05-13 09:47:09  
 2014-05-13 09:47:11.350 PLL Status  
 2014-05-13 09:47:11.350 State: Lock  
 2014-05-13 09:47:11.350 Initial VCO: 2200.795654  
 2014-05-13 09:47:11.350 Time Error: 0.000000  
 2014-05-13 09:47:11.350 RMS VCO: 0.000000  
 2014-05-13 09:47:11.350 Best VCO: 2200.70  
 2014-05-13 09:47:11.350 Seconds Since Track or Lock: 0.0  
 2014-05-13 09:47:11.350 Vco Control: 2201  
 2014-05-13 09:47:11.350 timing mode: external seascan  
 2014-05-13 09:47:11.350 tempco normal  
 2014-05-13 09:47:11.350 PLL update: 10s PLL lock criterion: 5us  
 2014-05-13 09:47:11.350 Pfrac: 150.00  
 2014-05-13 09:47:11.350 VCO slope: -0.0175000  
 2014-05-13 09:47:11.350 VCO intercept: 7.1100001  
 2014-05-13 09:47:11.350 km delta: 600.0000000  
 2014-05-13 09:47:11.350 Logical Port 4 Status  
 2014-05-13 09:47:11.350 Data Packets Sent: 3719476  
 2014-05-13 09:47:11.350 Flood Packets Sent: 0  
 2014-05-13 09:47:11.350 Packets Re-Sent: 5059  
 2014-05-13 09:47:11.350 Sequence Errors: 0  
 2014-05-13 09:47:11.350 Packet Buffer Used: 19595140  
 2014-05-13 09:47:11.350 Physical Port: Ethernet  
 2014-05-13 09:47:11.350 Baler Model: 14 Software Version: 2.28  
 2014-05-13 09:47:11.350 MAC Address: 00:04:FB:00:02:EA  
 2014-05-13 09:47:11.350 Disk Size: 20000669696  
 2014-05-13 09:47:11.350 Percent of 1177 data files in use: 8.7  
 2014-05-13 09:47:11.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-13 09:47:11.350 Channel Sensitivities (uV per count):  
 2014-05-13 09:47:11.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-13 09:47:11.350 Digitizer Calibration Results:  
 2014-05-13 09:47:11.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-13 09:47:11.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-13 09:47:11.350 DMU1 Software Version=10  
 2014-05-13 09:47:11.350 Supply voltage=12.7  
 2014-05-13 09:47:11.350 Supply Current=0.40  
 2014-05-13 09:47:11.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-13 09:47:11.350 webLink Data Maps Restored  
 2014-05-13 09:47:11.350 [2014-05-12 21:46:15.999998] sequence resumes: 3181285 to  
 3181285  
 2014-05-13 09:47:11.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-13 09:47:10  
 2014-05-13 09:47:11.350 [2014-05-13 00:00:00.000000] saving Configuration to Backup

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Memory

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2014-05-13 09:52:13.930 Reducing Status Polling Interval
2014-05-13 09:52:13.930 [2014-05-13 09:52:12.999998] total packets received: 44512
2014-05-13 09:52:13.930 [2014-05-13 09:52:12.999998] command timeouts: 6
2014-05-13 09:52:13.930 [2014-05-13 09:52:12.999998] out of window: 47
2014-05-13 09:52:13.930 written: HHZ-1017 HH1-1190 HH2-1158 BDH-394 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-13 09:52:13.930 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-19 LH1-23 LH2-23 LDH-24
VMZ-2 VM1-2
2014-05-13 09:52:13.930 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-05-13 09:52:13.930 [2014-05-13 09:52:12.999998] Done: 3894 recs. seq end:
3224842. run: 300 s
2014-05-13 21:53:08.360
2014-05-13 21:53:08.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-13 21:53:08.360 Control Port 2491 Opened
2014-05-13 21:53:08.360 Baler ready on Ethernet
2014-05-13 21:53:08.360 Power Cycled Baler Acknowledged
2014-05-13 21:53:08.360 Commands Accepted by Q330
2014-05-13 21:53:08.360 Access timeout: 300 sec
2014-05-13 21:53:08.360 Control Port 4023 Opened
2014-05-13 21:53:08.360 Data Port 4024 Opened
2014-05-13 21:53:08.360 Registered with Q330
2014-05-13 21:53:08.360 Combination Record Received
2014-05-13 21:53:08.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-13 21:53:08.360 Link Reset, starting window sequence: 27972
2014-05-13 21:53:08.360 GPS Receiver ID Received
2014-05-13 21:53:08.360 Manufacturer's Data Received, Property Tag=2017
2014-05-13 21:53:08.360 Digitizer Gain & Offsets Received
2014-05-13 21:53:08.360 Msg From 192.168.200.119:Baler XX-2017 readback. 3894 recs.
seq end: 3224842
2014-05-13 21:53:08.360 Baler clock set to 2014-05-13 21:53:07
2014-05-13 21:53:08.360 Starting to Read DP Tokens
2014-05-13 21:53:08.360 DP Tokens loaded, size=1474 bytes
2014-05-13 21:53:08.360 webserver advertising 192.168.200.119:5380
2014-05-13 21:53:08.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-13 21:53:08.360 filters & delay HH1:2@100,Linear all=0.320000
2014-05-13 21:53:08.360 filters & delay HH2:3@100,Linear all=0.320000
2014-05-13 21:53:08.360 filters & delay BDH:4@20,Linear all=1.650000
2014-05-13 21:53:08.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-13 21:53:08.360 filters & delay LH1:2@1,Linear all=15.000000
2014-05-13 21:53:08.360 filters & delay LH2:3@1,Linear all=15.000000
2014-05-13 21:53:08.360 filters & delay LDH:4@1,Linear all=15.000000
2014-05-13 21:53:08.360 [2014-05-13 09:52:12.999998] continuity found: 3224842
453289933.000000 Q=100
2014-05-13 21:53:08.360 [2014-05-13 09:52:12.999998] restoring continuity
2014-05-13 21:53:08.360 Sending DT_OPEN
2014-05-13 21:53:08.360 Station: XX-2017
2014-05-13 21:53:08.360 Q330 Serial Number: 0100000DB18FC351
2014-05-13 21:53:08.360 AMB Serial Number: 0100000B6909DD82
2014-05-13 21:53:08.360 Seismo 1 Serial Number: 0000000000000000
2014-05-13 21:53:08.360 Seismo 2 Serial Number: 0000000000000000
2014-05-13 21:53:08.360 QAPCHP 1 Serial Number: 4643206
2014-05-13 21:53:08.360 QAPCHP 2 Serial Number: 3743050
2014-05-13 21:53:08.360 KMI Property Tag Number: 2017
2014-05-13 21:53:08.360 System Software Version: 1.146
2014-05-13 21:53:08.360 Slave Processor Version: 1.11
2014-05-13 21:53:08.360 Calibrator Type: QCAL330
2014-05-13 21:53:08.360 Calibrator Version: 1.8
2014-05-13 21:53:08.360 Auxiliary Board Type: None
2014-05-13 21:53:08.360 Clock Type: Motorola M12
2014-05-13 21:53:08.360 Total Hours: 66050.32
2014-05-13 21:53:08.360 Power On Hours: 30680.70
2014-05-13 21:53:08.360 Time of Last Boot: 2014-04-06 02:03:58

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2014-05-13 21:53:08.360 Total Number of Boots: 120  
 2014-05-13 21:53:08.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-13 21:53:08.360 Total Number of Re-Syncs: 213  
 2014-05-13 21:53:08.360 Status Inputs: 00000000  
 2014-05-13 21:53:08.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-05-13 21:53:08.360 Clock Quality: 100%  
 2014-05-13 21:53:08.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-13 21:53:08.360 Clock Phase: 0 usec. max allowed=50000  
 2014-05-13 21:53:08.360 Boom positions:  
 2014-05-13 21:53:08.360 ch1: -2 ch2: -20 ch3: -7 ch4: 20 ch5: 20 ch6: 20  
 2014-05-13 21:53:08.360 Analog Status  
 2014-05-13 21:53:08.360 Analog Positive Supply: 5.46V  
 2014-05-13 21:53:08.360 Input Voltage: 13.20V  
 2014-05-13 21:53:08.360 System Temperature: 5C  
 2014-05-13 21:53:08.360 Main Current: 61ma  
 2014-05-13 21:53:08.360 Antenna Current: 0ma  
 2014-05-13 21:53:08.360 GPS Status  
 2014-05-13 21:53:08.360 Time: 21:53:06  
 2014-05-13 21:53:08.360 Date:  
 2014-05-13 21:53:08.360 Fix Type: 1-D  
 2014-05-13 21:53:08.360 Height:  
 2014-05-13 21:53:08.360 Latitude:  
 2014-05-13 21:53:08.360 Longitude:  
 2014-05-13 21:53:08.360 On Time: 0min  
 2014-05-13 21:53:08.360 Sat. Used: 0  
 2014-05-13 21:53:08.360 In View: 0  
 2014-05-13 21:53:08.360 Checksum Errors: 0  
 2014-05-13 21:53:08.360 Last GPS timemark: 2014-05-13 21:53:05  
 2014-05-13 21:53:08.360 PLL Status  
 2014-05-13 21:53:08.360 State: Lock  
 2014-05-13 21:53:08.360 Initial VCO: 2200.957764  
 2014-05-13 21:53:08.360 Time Error: 0.000000  
 2014-05-13 21:53:08.360 RMS VCO: 0.0000000  
 2014-05-13 21:53:08.360 Best VCO: 2200.97  
 2014-05-13 21:53:08.360 Seconds Since Track or Lock: 0.0  
 2014-05-13 21:53:08.360 Vco Control: 2201  
 2014-05-13 21:53:08.360 timing mode: external seascan  
 2014-05-13 21:53:08.360 tempco normal  
 2014-05-13 21:53:08.360 PLL update: 10s PLL lock criterion: 5us  
 2014-05-13 21:53:08.360 Pfrac: 150.00  
 2014-05-13 21:53:08.360 VCO slope: -0.0175000  
 2014-05-13 21:53:08.360 VCO intercept: 7.1100001  
 2014-05-13 21:53:08.360 km delta: 600.0000000  
 2014-05-13 21:53:08.360 Logical Port 4 Status  
 2014-05-13 21:53:08.360 Data Packets Sent: 3763912  
 2014-05-13 21:53:08.360 Flood Packets Sent: 0  
 2014-05-13 21:53:08.360 Packets Re-Sent: 5121  
 2014-05-13 21:53:08.360 Sequence Errors: 0  
 2014-05-13 21:53:08.360 Packet Buffer Used: 20864136  
 2014-05-13 21:53:08.360 Physical Port: Ethernet  
 2014-05-13 21:53:08.360 Baler Model: 14 Software Version: 2.28  
 2014-05-13 21:53:08.360 MAC Address: 00:04:FB:00:02:EA  
 2014-05-13 21:53:08.360 Disk Size: 20000669696  
 2014-05-13 21:53:08.360 Percent of 1177 data files in use: 8.7  
 2014-05-13 21:53:08.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-13 21:53:08.360 Channel Sensitivities (uV per count):  
 2014-05-13 21:53:08.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-13 21:53:08.360 Digitizer Calibration Results:  
 2014-05-13 21:53:08.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-13 21:53:08.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-13 21:53:08.360 DMU1 Software Version=10  
 2014-05-13 21:53:08.360 Supply Voltage=12.7  
 2014-05-13 21:53:08.360 Supply Current=0.40

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2014-05-13 21:53:08.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-13 21:53:08.360 WebLink Data Maps Restored
2014-05-13 21:53:08.360 [2014-05-13 09:52:12.999998] sequence resumes: 3224842 to
3224842
2014-05-13 21:53:08.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-13 21:53:07
2014-05-13 21:58:18.310 [2014-05-13 21:58:16.999998] total packets received: 43929
2014-05-13 21:58:18.310 [2014-05-13 21:58:16.999998] command timeouts: 6
2014-05-13 21:58:18.310 [2014-05-13 21:58:16.999998] out of window: 45
2014-05-13 21:58:18.310 written: HHZ-1119 HH1-1242 HH2-1285 BDH-405 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-13 21:58:18.310 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-22 LH2-22 LDH-24
VMZ-2 VM1-2
2014-05-13 21:58:18.310 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-13 21:58:18.310 [2014-05-13 21:58:16.999998] Done: 4186 recs. seq end:
3268406. run: 305 s
2014-05-14 09:59:09.330
2014-05-14 09:59:09.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-14 09:59:09.330 Control Port 2491 Opened
2014-05-14 09:59:09.330 Baler ready on Ethernet
2014-05-14 09:59:09.330 Power Cycled Baler Acknowledged
2014-05-14 09:59:09.330 Commands Accepted by Q330
2014-05-14 09:59:09.330 Access timeout: 300 sec
2014-05-14 09:59:09.330 Control Port 4023 Opened
2014-05-14 09:59:09.330 Data Port 4024 Opened
2014-05-14 09:59:09.330 Registered with Q330
2014-05-14 09:59:09.330 Combination Record Received
2014-05-14 09:59:09.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-14 09:59:09.330 Link Reset, starting window sequence: 6286
2014-05-14 09:59:09.330 GPS Receiver ID Received
2014-05-14 09:59:09.330 Manufacturer's Data Received, Property Tag=2017
2014-05-14 09:59:09.330 Digitizer Gain & Offsets Received
2014-05-14 09:59:09.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4186 recs.
seq end: 3268406
2014-05-14 09:59:09.330 Baler clock set to 2014-05-14 09:59:08
2014-05-14 09:59:09.330 Starting to Read DP Tokens
2014-05-14 09:59:09.330 DP Tokens loaded, size=1474 bytes
2014-05-14 09:59:09.330 webserver advertising 192.168.200.119:5380
2014-05-14 09:59:09.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-14 09:59:09.330 filters & delay HH1:2@100,Linear all=0.320000
2014-05-14 09:59:09.330 filters & delay HH2:3@100,Linear all=0.320000
2014-05-14 09:59:09.330 filters & delay BDH:4@20,Linear all=1.650000
2014-05-14 09:59:09.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-14 09:59:09.330 filters & delay LH1:2@1,Linear all=15.000000
2014-05-14 09:59:09.330 filters & delay LH2:3@1,Linear all=15.000000
2014-05-14 09:59:09.330 filters & delay LDH:4@1,Linear all=15.000000
2014-05-14 09:59:09.330 [2014-05-13 21:58:16.999998] continuity found: 3268406
453333497.000000 Q=100
2014-05-14 09:59:09.330 [2014-05-13 21:58:16.999998] restoring continuity
2014-05-14 09:59:09.330 Sending DT_OPEN
2014-05-14 09:59:09.330 Station: XX-2017
2014-05-14 09:59:09.330 Q330 Serial Number: 0100000DB18FC351
2014-05-14 09:59:09.330 AMB Serial Number: 0100000B6909DD82
2014-05-14 09:59:09.330 Seismo 1 Serial Number: 0000000000000000
2014-05-14 09:59:09.330 Seismo 2 Serial Number: 0000000000000000
2014-05-14 09:59:09.330 QAPCHP 1 Serial Number: 4643206
2014-05-14 09:59:09.330 QAPCHP 2 Serial Number: 3743050
2014-05-14 09:59:09.330 KMI Property Tag Number: 2017
2014-05-14 09:59:09.330 System Software Version: 1.146
2014-05-14 09:59:09.330 Slave Processor Version: 1.11
2014-05-14 09:59:09.330 Calibrator Type: QCAL330
2014-05-14 09:59:09.330 Calibrator Version: 1.8
2014-05-14 09:59:09.330 Auxiliary Board Type: None

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2014-05-14 09:59:09.330 Clock Type: Motorola M12  
 2014-05-14 09:59:09.330 PLD Version: 7.9  
 2014-05-14 09:59:09.330 Total Hours: 66062.42  
 2014-05-14 09:59:09.330 Power On Hours: 30692.80  
 2014-05-14 09:59:09.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-14 09:59:09.330 Total Number of Boots: 120  
 2014-05-14 09:59:09.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-14 09:59:09.330 Total Number of Re-Syncs: 213  
 2014-05-14 09:59:09.330 Status Inputs: 00000000  
 2014-05-14 09:59:09.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-14 09:59:09.330 Clock Quality: 100%  
 2014-05-14 09:59:09.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-14 09:59:09.330 Clock Phase: 0 usec. max allowed=50000  
 2014-05-14 09:59:09.330 Boom positions:  
 2014-05-14 09:59:09.330 ch1: -2 ch2: 7 ch3: 6 ch4: 20 ch5: 20 ch6: 20  
 2014-05-14 09:59:09.330 Analog Status  
 2014-05-14 09:59:09.330 Analog Positive Supply: 5.46V  
 2014-05-14 09:59:09.330 Input Voltage: 13.35V  
 2014-05-14 09:59:09.330 System Temperature: 5C  
 2014-05-14 09:59:09.330 Main Current: 62ma  
 2014-05-14 09:59:09.330 Antenna Current: 0ma  
 2014-05-14 09:59:09.330 GPS Status  
 2014-05-14 09:59:09.330 Time: 09:59:08  
 2014-05-14 09:59:09.330 Date:  
 2014-05-14 09:59:09.330 Fix Type: 1-D  
 2014-05-14 09:59:09.330 Height:  
 2014-05-14 09:59:09.330 Latitude:  
 2014-05-14 09:59:09.330 Longitude:  
 2014-05-14 09:59:09.330 On Time: 0min  
 2014-05-14 09:59:09.330 Sat. Used: 0  
 2014-05-14 09:59:09.330 In View: 0  
 2014-05-14 09:59:09.330 Checksum Errors: 0  
 2014-05-14 09:59:09.330 Last GPS timemark: 2014-05-14 09:59:07  
 2014-05-14 09:59:09.330 PLL Status  
 2014-05-14 09:59:09.330 State: Lock  
 2014-05-14 09:59:09.330 Initial VCO: 2200.975098  
 2014-05-14 09:59:09.330 Time Error: 0.000000  
 2014-05-14 09:59:09.330 RMS VCO: 0.000000  
 2014-05-14 09:59:09.330 Best VCO: 2200.98  
 2014-05-14 09:59:09.330 Seconds Since Track or Lock: 0.0  
 2014-05-14 09:59:09.330 Vco Control: 2201  
 2014-05-14 09:59:09.330 timing mode: external seascan  
 2014-05-14 09:59:09.330 tempco normal  
 2014-05-14 09:59:09.330 PLL update: 10s PLL lock criterion: 5us  
 2014-05-14 09:59:09.330 Pfrac: 150.00  
 2014-05-14 09:59:09.330 VCO slope: -0.0175000  
 2014-05-14 09:59:09.330 VCO intercept: 7.1100001  
 2014-05-14 09:59:09.330 Km delta: 600.0000000  
 2014-05-14 09:59:09.330 Logical Port 4 Status  
 2014-05-14 09:59:09.330 Data Packets Sent: 3807767  
 2014-05-14 09:59:09.330 Flood Packets Sent: 0  
 2014-05-14 09:59:09.330 Packets Re-Sent: 5179  
 2014-05-14 09:59:09.330 Sequence Errors: 0  
 2014-05-14 09:59:09.330 Packet Buffer Used: 20143408  
 2014-05-14 09:59:09.330 Physical Port: Ethernet  
 2014-05-14 09:59:09.330 Baler Model: 14 Software Version: 2.28  
 2014-05-14 09:59:09.330 MAC Address: 00:04:FB:00:02:EA  
 2014-05-14 09:59:09.330 Disk Size: 20000669696  
 2014-05-14 09:59:09.330 Percent of 1177 data files in use: 8.8  
 2014-05-14 09:59:09.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-14 09:59:09.330 Channel Sensitivities (uV per count):  
 2014-05-14 09:59:09.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-14 09:59:09.330 Digitizer Calibration Results:



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2014-05-14 09:59:09.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-14 09:59:09.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-14 09:59:09.330 DMU1 Software Version=10
2014-05-14 09:59:09.330 Supply Voltage=12.7
2014-05-14 09:59:09.330 Supply Current=0.41
2014-05-14 09:59:09.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-14 09:59:09.330 WebLink Data Maps Restored
2014-05-14 09:59:09.330 [2014-05-13 21:58:16.999998] sequence resumes: 3268406 to
3268406
2014-05-14 09:59:09.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-14 09:59:08
2014-05-14 09:59:09.330 [2014-05-14 00:00:00.000000] Saving Configuration to Backup
Memory
2014-05-14 10:04:15.870 Reducing Status Polling Interval
2014-05-14 10:04:15.870 [2014-05-14 10:04:15.000000] total packets received: 43672
2014-05-14 10:04:15.870 [2014-05-14 10:04:15.000000] command timeouts: 6
2014-05-14 10:04:15.870 [2014-05-14 10:04:15.000000] out of window: 52
2014-05-14 10:04:15.870 written: HHZ-1078 HH1-1194 HH2-1208 BDH-401 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-05-14 10:04:15.870 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-23 LH2-23 LDH-24
VMZ-1 VM1-1
2014-05-14 10:04:15.870 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-05-14 10:04:15.870 [2014-05-14 10:04:15.000000] Done: 4012 recs. seq end:
3311964. run: 303 s
2014-05-14 22:05:10.360
2014-05-14 22:05:10.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-14 22:05:10.360 Control Port 2491 Opened
2014-05-14 22:05:10.360 Baler ready on Ethernet
2014-05-14 22:05:10.360 Commands Accepted by Q330
2014-05-14 22:05:10.360 Access timeout: 300 sec
2014-05-14 22:05:10.360 Control Port 4023 Opened
2014-05-14 22:05:10.360 Data Port 4024 Opened
2014-05-14 22:05:10.360 Registered with Q330
2014-05-14 22:05:10.360 Combination Record Received
2014-05-14 22:05:10.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-14 22:05:10.360 Link Reset, starting window sequence: 49872
2014-05-14 22:05:10.360 GPS Receiver ID Received
2014-05-14 22:05:10.360 Manufacturer's Data Received, Property Tag=2017
2014-05-14 22:05:10.360 Digitizer Gain & Offsets Received
2014-05-14 22:05:10.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4012 recs.
seq end: 3311964
2014-05-14 22:05:10.360 Baler clock set to 2014-05-14 22:05:09
2014-05-14 22:05:10.360 Starting to Read DP Tokens
2014-05-14 22:05:10.360 DP Tokens loaded, size=1474 bytes
2014-05-14 22:05:10.360 Webserver advertising 192.168.200.119:5380
2014-05-14 22:05:10.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-14 22:05:10.360 filters & delay HH1:2@100,Linear all=0.320000
2014-05-14 22:05:10.360 filters & delay HH2:3@100,Linear all=0.320000
2014-05-14 22:05:10.360 filters & delay BDH:4@20,Linear all=1.650000
2014-05-14 22:05:10.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-14 22:05:10.360 filters & delay LH1:2@1,Linear all=15.000000
2014-05-14 22:05:10.360 filters & delay LH2:3@1,Linear all=15.000000
2014-05-14 22:05:10.360 filters & delay LDH:4@1,Linear all=15.000000
2014-05-14 22:05:10.360 [2014-05-14 10:04:15.000000] continuity found: 3311964
453377055.000000 Q=100
2014-05-14 22:05:10.360 [2014-05-14 10:04:15.000000] restoring continuity
2014-05-14 22:05:10.360 Sending DT_OPEN
2014-05-14 22:05:10.360 Station: XX-2017
2014-05-14 22:05:10.360 Q330 Serial Number: 0100000DB18FC351
2014-05-14 22:05:10.360 AMB Serial Number: 0100000B6909DD82
2014-05-14 22:05:10.360 Seismo 1 Serial Number: 0000000000000000
2014-05-14 22:05:10.360 Seismo 2 Serial Number: 0000000000000000
2014-05-14 22:05:10.360 QAPCHP 1 Serial Number: 4643206

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2014-05-14 22:05:10.360 QAPCHP 2 Serial Number: 3743050  
 2014-05-14 22:05:10.360 KMI Property Tag Number: 2017  
 2014-05-14 22:05:10.360 System Software Version: 1.146  
 2014-05-14 22:05:10.360 Slave Processor Version: 1.11  
 2014-05-14 22:05:10.360 Calibrator Type: QCAL330  
 2014-05-14 22:05:10.360 Calibrator Version: 1.8  
 2014-05-14 22:05:10.360 Auxiliary Board Type: None  
 2014-05-14 22:05:10.360 Clock Type: Motorola M12  
 2014-05-14 22:05:10.360 PLD Version: 7.9  
 2014-05-14 22:05:10.360 Total Hours: 66074.52  
 2014-05-14 22:05:10.360 Power On Hours: 30704.90  
 2014-05-14 22:05:10.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-14 22:05:10.360 Total Number of Boots: 120  
 2014-05-14 22:05:10.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-14 22:05:10.360 Total Number of Re-Syncs: 213  
 2014-05-14 22:05:10.360 Status Inputs: 00000000  
 2014-05-14 22:05:10.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-14 22:05:10.360 Clock Quality: 100%  
 2014-05-14 22:05:10.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-14 22:05:10.360 Clock Phase: 0 usec. max allowed=50000  
 2014-05-14 22:05:10.360 Boom positions:  
 2014-05-14 22:05:10.360 ch1: -2 ch2: 7 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-05-14 22:05:10.360 Analog Status  
 2014-05-14 22:05:10.360 Analog Positive Supply: 5.46V  
 2014-05-14 22:05:10.360 Input Voltage: 13.20V  
 2014-05-14 22:05:10.360 System Temperature: 5C  
 2014-05-14 22:05:10.360 Main Current: 62ma  
 2014-05-14 22:05:10.360 Antenna Current: 0ma  
 2014-05-14 22:05:10.360 GPS Status  
 2014-05-14 22:05:10.360 Time: 22:05:09  
 2014-05-14 22:05:10.360 Date:  
 2014-05-14 22:05:10.360 Fix Type: 1-D  
 2014-05-14 22:05:10.360 Height:  
 2014-05-14 22:05:10.360 Latitude:  
 2014-05-14 22:05:10.360 Longitude:  
 2014-05-14 22:05:10.360 On Time: 0min  
 2014-05-14 22:05:10.360 Sat. Used: 0  
 2014-05-14 22:05:10.360 In View: 0  
 2014-05-14 22:05:10.360 Checksum Errors: 0  
 2014-05-14 22:05:10.360 Last GPS timemark: 2014-05-14 22:05:08  
 2014-05-14 22:05:10.360 PLL Status  
 2014-05-14 22:05:10.360 State: Lock  
 2014-05-14 22:05:10.360 Initial VCO: 2200.558105  
 2014-05-14 22:05:10.360 Time Error: 0.000000  
 2014-05-14 22:05:10.360 RMS VCO: 0.0000000  
 2014-05-14 22:05:10.360 Best VCO: 2200.69  
 2014-05-14 22:05:10.360 Seconds Since Track or Lock: 0.0  
 2014-05-14 22:05:10.360 Vco Control: 2200  
 2014-05-14 22:05:10.360 timing mode: external seascan  
 2014-05-14 22:05:10.360 tempco normal  
 2014-05-14 22:05:10.360 PLL update: 10s PLL lock criterion: 5us  
 2014-05-14 22:05:10.360 Pfrac: 150.00  
 2014-05-14 22:05:10.360 VCO slope: -0.0175000  
 2014-05-14 22:05:10.360 VCO intercept: 7.1100001  
 2014-05-14 22:05:10.360 km delta: 600.0000000  
 2014-05-14 22:05:10.360 Logical Port 4 Status  
 2014-05-14 22:05:10.360 Data Packets Sent: 3851358  
 2014-05-14 22:05:10.360 Flood Packets Sent: 0  
 2014-05-14 22:05:10.360 Packets Re-Sent: 5245  
 2014-05-14 22:05:10.360 Sequence Errors: 0  
 2014-05-14 22:05:10.360 Packet Buffer Used: 20939252  
 2014-05-14 22:05:10.360 Physical Port: Ethernet  
 2014-05-14 22:05:10.360 Baler Model: 14 Software Version: 2.28

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2014-05-14 22:05:10.360 MAC Address: 00:04:FB:00:02:EA
2014-05-14 22:05:10.360 Disk Size: 20000669696
2014-05-14 22:05:10.360 Percent of 1177 data files in use: 8.8
2014-05-14 22:05:10.360 Channels Enabled: 1234 Preamps ON channels:
2014-05-14 22:05:10.360 Channel Sensitivities (uV per count):
2014-05-14 22:05:10.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-14 22:05:10.360 Digitizer Calibration Results:
2014-05-14 22:05:10.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-14 22:05:10.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-14 22:05:10.360 DMU1 Software Version=10
2014-05-14 22:05:10.360 Supply Voltage=12.6
2014-05-14 22:05:10.360 Supply Current=0.41
2014-05-14 22:05:10.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-14 22:05:10.360 WebLink Data Maps Restored
2014-05-14 22:05:10.360 [2014-05-14 10:04:15.000000] sequence resumes: 3311964 to
3311964
2014-05-14 22:05:10.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-14 22:05:09
2014-05-14 22:10:24.480 [2014-05-14 22:00:21.000001] total packets received: 43766
2014-05-14 22:10:24.480 [2014-05-14 22:00:21.000001] command timeouts: 6
2014-05-14 22:10:24.480 [2014-05-14 22:00:21.000001] out of window: 69
2014-05-14 22:10:24.480 written: HHZ-1120 HH1-1239 HH2-1258 BDH-396 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-05-14 22:10:24.480 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-23 LDH-24
VMZ-2 VM1-2
2014-05-14 22:10:24.480 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-14 22:10:24.480 [2014-05-14 22:00:21.000001] Done: 4149 recs. seq end:
3354930. run: 308 s
2014-05-15 10:11:13.360
2014-05-15 10:11:13.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-15 10:11:13.360 Control Port 2491 Opened
2014-05-15 10:11:13.360 Baler ready on Ethernet
2014-05-15 10:11:13.360 Power Cycled Baler Acknowledged
2014-05-15 10:11:13.360 Commands Accepted by Q330
2014-05-15 10:11:13.360 Access timeout: 300 sec
2014-05-15 10:11:13.360 Control Port 4023 Opened
2014-05-15 10:11:13.360 Data Port 4024 Opened
2014-05-15 10:11:13.360 Registered with Q330
2014-05-15 10:11:13.360 Combination Record Received
2014-05-15 10:11:13.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-15 10:11:13.360 Link Reset, starting window sequence: 27999
2014-05-15 10:11:13.360 GPS Receiver ID Received
2014-05-15 10:11:13.360 Manufacturer's Data Received, Property Tag=2017
2014-05-15 10:11:13.360 Digitizer Gain & Offsets Received
2014-05-15 10:11:13.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4149 recs.
seq end: 3354930
2014-05-15 10:11:13.360 Baler clock set to 2014-05-15 10:11:12
2014-05-15 10:11:13.360 Starting to Read DP Tokens
2014-05-15 10:11:13.360 DP Tokens loaded, size=1474 bytes
2014-05-15 10:11:13.360 webserver advertising 192.168.200.119:5380
2014-05-15 10:11:13.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-15 10:11:13.360 filters & delay HH1:2@100,Linear all=0.320000
2014-05-15 10:11:13.360 filters & delay HH2:3@100,Linear all=0.320000
2014-05-15 10:11:13.360 filters & delay BDH:4@20,Linear all=1.650000
2014-05-15 10:11:13.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-15 10:11:13.360 filters & delay LH1:2@1,Linear all=15.000000
2014-05-15 10:11:13.360 filters & delay LH2:3@1,Linear all=15.000000
2014-05-15 10:11:13.360 filters & delay LDH:4@1,Linear all=15.000000
2014-05-15 10:11:13.360 [2014-05-14 22:00:21.000001] continuity found: 3354930
453420021.000000 Q=100
2014-05-15 10:11:13.360 [2014-05-14 22:00:21.000001] restoring continuity
2014-05-15 10:11:13.360 Sending DT_OPEN
2014-05-15 10:11:13.360 Station: XX-2017

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2014-05-15 10:11:13.360 Q330 Serial Number: 0100000DB18FC351  
 2014-05-15 10:11:13.360 AMB Serial Number: 0100000B6909DD82  
 2014-05-15 10:11:13.360 Seismo 1 Serial Number: 0000000000000000  
 2014-05-15 10:11:13.360 Seismo 2 Serial Number: 0000000000000000  
 2014-05-15 10:11:13.360 QAPCHP 1 Serial Number: 4643206  
 2014-05-15 10:11:13.360 QAPCHP 2 Serial Number: 3743050  
 2014-05-15 10:11:13.360 KMI Property Tag Number: 2017  
 2014-05-15 10:11:13.360 System Software Version: 1.146  
 2014-05-15 10:11:13.360 Slave Processor Version: 1.11  
 2014-05-15 10:11:13.360 Calibrator Type: QCAL330  
 2014-05-15 10:11:13.360 Calibrator Version: 1.8  
 2014-05-15 10:11:13.360 Auxiliary Board Type: None  
 2014-05-15 10:11:13.360 Clock Type: Motorola M12  
 2014-05-15 10:11:13.360 PLD Version: 7.9  
 2014-05-15 10:11:13.360 Total Hours: 66086.62  
 2014-05-15 10:11:13.360 Power On Hours: 30717.00  
 2014-05-15 10:11:13.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-15 10:11:13.360 Total Number of Boots: 120  
 2014-05-15 10:11:13.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-15 10:11:13.360 Total Number of Re-Syncs: 213  
 2014-05-15 10:11:13.360 Status Inputs: 00000000  
 2014-05-15 10:11:13.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-05-15 10:11:13.360 Clock Quality: 100%  
 2014-05-15 10:11:13.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-15 10:11:13.360 Clock Phase: 0 usec. max allowed=50000  
 2014-05-15 10:11:13.360 Boom positions:  
 2014-05-15 10:11:13.360 Ch1: -2 Ch2: 5 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-15 10:11:13.360 Analog Status  
 2014-05-15 10:11:13.360 Analog Positive Supply: 5.46V  
 2014-05-15 10:11:13.360 Input Voltage: 13.35V  
 2014-05-15 10:11:13.360 System Temperature: 5C  
 2014-05-15 10:11:13.360 Main Current: 61ma  
 2014-05-15 10:11:13.360 Antenna Current: 0ma  
 2014-05-15 10:11:13.360 GPS Status  
 2014-05-15 10:11:13.360 Time: 10:11:12  
 2014-05-15 10:11:13.360 Date:  
 2014-05-15 10:11:13.360 Fix Type: 1-D  
 2014-05-15 10:11:13.360 Height:  
 2014-05-15 10:11:13.360 Latitude:  
 2014-05-15 10:11:13.360 Longitude:  
 2014-05-15 10:11:13.360 On Time: 0min  
 2014-05-15 10:11:13.360 Sat. Used: 0  
 2014-05-15 10:11:13.360 In View: 0  
 2014-05-15 10:11:13.360 Checksum Errors: 0  
 2014-05-15 10:11:13.360 Last GPS timemark: 2014-05-15 10:11:11  
 2014-05-15 10:11:13.360 PLL Status  
 2014-05-15 10:11:13.360 State: Lock  
 2014-05-15 10:11:13.360 Initial VCO: 2200.561279  
 2014-05-15 10:11:13.360 Time Error: 0.000000  
 2014-05-15 10:11:13.360 RMS VCO: 0.0000000  
 2014-05-15 10:11:13.360 Best VCO: 2200.58  
 2014-05-15 10:11:13.360 Seconds Since Track or Lock: 0.0  
 2014-05-15 10:11:13.360 Vco Control: 2201  
 2014-05-15 10:11:13.360 timing mode: external seascan  
 2014-05-15 10:11:13.360 tempco normal  
 2014-05-15 10:11:13.360 PLL update: 10s PLL lock criterion: 5us  
 2014-05-15 10:11:13.360 VCO slope: -0.0175000  
 2014-05-15 10:11:13.360 VCO intercept: 7.1100001  
 2014-05-15 10:11:13.360 km delta: 600.0000000  
 2014-05-15 10:11:13.360 Logical Port 4 Status  
 2014-05-15 10:11:13.360 Data Packets Sent: 3895026  
 2014-05-15 10:11:13.360 Flood Packets Sent: 0  
 2014-05-15 10:11:13.360 Packets Re-Sent: 5325

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2014-05-15 10:11:13.360 Sequence Errors: 0  
 2014-05-15 10:11:13.360 Packet Buffer Used: 21680932  
 2014-05-15 10:11:13.360 Physical Port: Ethernet  
 2014-05-15 10:11:13.360 Baler Model: 14 Software Version: 2.28  
 2014-05-15 10:11:13.360 MAC Address: 00:04:FB:00:02:EA  
 2014-05-15 10:11:13.360 Disk Size: 20000669696  
 2014-05-15 10:11:13.360 Percent of 1177 data files in use: 8.9  
 2014-05-15 10:11:13.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-15 10:11:13.360 Channel Sensitivities (uV per count):  
 2014-05-15 10:11:13.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-15 10:11:13.360 Digitizer Calibration Results:  
 2014-05-15 10:11:13.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-15 10:11:13.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-15 10:11:13.360 DMU1 Software Version=10  
 2014-05-15 10:11:13.360 Supply Voltage=12.7  
 2014-05-15 10:11:13.360 Supply Current=0.41  
 2014-05-15 10:11:13.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-15 10:11:13.360 WebLink Data Maps Restored  
 2014-05-15 10:11:13.360 [2014-05-14 22:00:21.000001] sequence resumes: 3354930 to 3354930  
 2014-05-15 10:11:13.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-15 10:11:12  
 2014-05-15 10:11:13.360 [2014-05-15 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-05-15 10:16:42.370 Reducing Status Polling Interval  
 2014-05-15 10:16:42.370 [2014-05-15 10:16:40.999998] total packets received: 45011  
 2014-05-15 10:16:42.370 [2014-05-15 10:16:40.999998] command timeouts: 6  
 2014-05-15 10:16:42.370 [2014-05-15 10:16:40.999998] out of window: 70  
 2014-05-15 10:16:42.370 written: HHZ-1154 HH1-1296 HH2-1365 BDH-421 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-15 10:16:42.370 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-24  
 VMZ-2 VM1-2  
 2014-05-15 10:16:42.370 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-05-15 10:16:42.370 [2014-05-15 10:16:40.999998] Done: 4382 recs. seq end: 3399110. run: 323 s  
 2014-05-15 22:17:32.350  
 2014-05-15 22:17:32.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-15 22:17:32.350 Control Port 2491 Opened  
 2014-05-15 22:17:32.350 Baler ready on Ethernet  
 2014-05-15 22:17:32.350 Power Cycled Baler Acknowledged  
 2014-05-15 22:17:32.350 Commands Accepted by Q330  
 2014-05-15 22:17:32.350 Access timeout: 300 sec  
 2014-05-15 22:17:32.350 Control Port 4023 Opened  
 2014-05-15 22:17:32.350 Data Port 4024 Opened  
 2014-05-15 22:17:32.350 Registered with Q330  
 2014-05-15 22:17:32.350 Combination Record Received  
 2014-05-15 22:17:32.350 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-15 22:17:32.350 Link Reset, starting window sequence: 7369  
 2014-05-15 22:17:32.350 GPS Receiver ID Received  
 2014-05-15 22:17:32.350 Manufacturer's Data Received, Property Tag=2017  
 2014-05-15 22:17:32.350 Digitizer Gain & Offsets Received  
 2014-05-15 22:17:32.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4382 recs. seq end: 3399110  
 2014-05-15 22:17:32.350 Baler clock set to 2014-05-15 22:17:31  
 2014-05-15 22:17:32.350 Starting to Read DP Tokens  
 2014-05-15 22:17:32.350 DP Tokens loaded, size=1474 bytes  
 2014-05-15 22:17:32.350 webserver advertising 192.168.200.119:5380  
 2014-05-15 22:17:32.350 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-15 22:17:32.350 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-15 22:17:32.350 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-15 22:17:32.350 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-15 22:17:32.350 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-15 22:17:32.350 filters & delay LH1:2@1,Linear all=15.000000

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2014-05-15 22:17:32.350 filters & delay LH2:3@1,Linear all=15.000000
2014-05-15 22:17:32.350 filters & delay LDH:4@1,Linear all=15.000000
2014-05-15 22:17:32.350 [2014-05-15 10:16:40.999998] continuity found: 3399110
453464201.000000 Q=100
2014-05-15 22:17:32.350 [2014-05-15 10:16:40.999998] restoring continuity
2014-05-15 22:17:32.350 Sending DT_OPEN
2014-05-15 22:17:32.350 Station: XX-2017
2014-05-15 22:17:32.350 Q330 Serial Number: 0100000DB18FC351
2014-05-15 22:17:32.350 AMB Serial Number: 0100000B6909DD82
2014-05-15 22:17:32.350 Seismo 1 Serial Number: 0000000000000000
2014-05-15 22:17:32.350 Seismo 2 Serial Number: 0000000000000000
2014-05-15 22:17:32.350 QAPCHP 1 Serial Number: 4643206
2014-05-15 22:17:32.350 QAPCHP 2 Serial Number: 3743050
2014-05-15 22:17:32.350 KMI Property Tag Number: 2017
2014-05-15 22:17:32.350 System Software Version: 1.146
2014-05-15 22:17:32.350 Slave Processor Version: 1.11
2014-05-15 22:17:32.350 Calibrator Type: QCAL330
2014-05-15 22:17:32.350 Calibrator Version: 1.8
2014-05-15 22:17:32.350 Auxiliary Board Type: None
2014-05-15 22:17:32.350 Clock Type: Motorola M12
2014-05-15 22:17:32.350 PLD Version: 7.9
2014-05-15 22:17:32.350 Total Hours: 66098.72
2014-05-15 22:17:32.350 Power On Hours: 30729.11
2014-05-15 22:17:32.350 Time of Last Boot: 2014-04-06 02:03:58
2014-05-15 22:17:32.350 Total Number of Boots: 120
2014-05-15 22:17:32.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-15 22:17:32.350 Total Number of Re-Syncs: 213
2014-05-15 22:17:32.350 Status Inputs: 00000000
2014-05-15 22:17:32.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-15 22:17:32.350 Clock Quality: 100%
2014-05-15 22:17:32.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-15 22:17:32.350 Clock Phase: 0 usec. max allowed=50000
2014-05-15 22:17:32.350 Boom positions:
2014-05-15 22:17:32.350 ch1: -2 ch2: 5 ch3: 6 ch4: 20 ch5: 20 ch6: 20
2014-05-15 22:17:32.350 Analog Status
2014-05-15 22:17:32.350 Analog Positive Supply: 5.46V
2014-05-15 22:17:32.350 Input Voltage: 13.35V
2014-05-15 22:17:32.350 System Temperature: 5C
2014-05-15 22:17:32.350 Main Current: 61ma
2014-05-15 22:17:32.350 Antenna Current: 0ma
2014-05-15 22:17:32.350 GPS Status
2014-05-15 22:17:32.350 Time: 22:17:30
2014-05-15 22:17:32.350 Date:
2014-05-15 22:17:32.350 Fix Type: 1-D
2014-05-15 22:17:32.350 Height:
2014-05-15 22:17:32.350 Latitude:
2014-05-15 22:17:32.350 Longitude:
2014-05-15 22:17:32.350 On Time: 0min
2014-05-15 22:17:32.350 Sat. Used: 0
2014-05-15 22:17:32.350 In View: 0
2014-05-15 22:17:32.350 Checksum Errors: 0
2014-05-15 22:17:32.350 Last GPS timemark: 2014-05-15 22:17:29
2014-05-15 22:17:32.350 PLL Status
2014-05-15 22:17:32.350 State: Lock
2014-05-15 22:17:32.350 Initial VCO: 2200.971680
2014-05-15 22:17:32.350 Time Error: 0.000000
2014-05-15 22:17:32.350 RMS VCO: 0.0000000
2014-05-15 22:17:32.350 Best VCO: 2201.37
2014-05-15 22:17:32.350 Seconds Since Track or Lock: 0.0
2014-05-15 22:17:32.350 Vco Control: 2200
2014-05-15 22:17:32.350 timing mode: external seascan
2014-05-15 22:17:32.350 tempco normal
2014-05-15 22:17:32.350 PLL update: 10s PLL lock criterion: 5us

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2014-05-15 22:17:32.350 Pfrac: 150.00
2014-05-15 22:17:32.350 VCO slope: -0.0175000
2014-05-15 22:17:32.350 VCO intercept: 7.1100001
2014-05-15 22:17:32.350 km delta: 600.0000000
2014-05-15 22:17:32.350 Logical Port 4 Status
2014-05-15 22:17:32.350 Data Packets Sent: 3939937
2014-05-15 22:17:32.350 Flood Packets Sent: 0
2014-05-15 22:17:32.350 Packets Re-Sent: 5406
2014-05-15 22:17:32.350 Sequence Errors: 0
2014-05-15 22:17:32.350 Packet Buffer Used: 21572012
2014-05-15 22:17:32.350 Physical Port: Ethernet
2014-05-15 22:17:32.350 Baler Model: 14 Software Version: 2.28
2014-05-15 22:17:32.350 MAC Address: 00:04:FB:00:02:EA
2014-05-15 22:17:32.350 Disk Size: 20000669696
2014-05-15 22:17:32.350 Percent of 1177 data files in use: 9.0
2014-05-15 22:17:32.350 Channels Enabled: 1234 Preamps ON channels:
2014-05-15 22:17:32.350 Channel Sensitivities (uV per count):
2014-05-15 22:17:32.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-15 22:17:32.350 Digitizer Calibration Results:
2014-05-15 22:17:32.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-15 22:17:32.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-15 22:17:32.350 DMU1 Software Version=10
2014-05-15 22:17:32.350 Supply Voltage=12.7
2014-05-15 22:17:32.350 Supply Current=0.41
2014-05-15 22:17:32.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-15 22:17:32.350 webLink Data Maps Restored
2014-05-15 22:17:32.350 [2014-05-15 10:16:40.999998] sequence resumes: 3399110 to
3399110
2014-05-15 22:17:32.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-15 22:17:31
2014-05-15 22:22:48.550 Reducing Status Polling Interval
2014-05-15 22:22:48.550 [2014-05-15 22:22:46.999998] total packets received: 44356
2014-05-15 22:22:48.550 [2014-05-15 22:22:46.999998] command timeouts: 6
2014-05-15 22:22:48.550 [2014-05-15 22:22:46.999998] out of window: 40
2014-05-15 22:22:48.550 written: HHZ-1146 HH1-1303 HH2-1346 BDH-425 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-05-15 22:22:48.550 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-05-15 22:22:48.550 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-15 22:22:48.550 [2014-05-15 22:22:46.999998] Done: 4352 recs. seq end:
3442676. run: 311 s
2014-05-16 10:23:39.360
2014-05-16 10:23:39.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-16 10:23:39.360 Control Port 2491 Opened
2014-05-16 10:23:39.360 Baler ready on Ethernet
2014-05-16 10:23:39.360 Power Cycled Baler Acknowledged
2014-05-16 10:23:39.360 Commands Accepted by Q330
2014-05-16 10:23:39.360 Access timeout: 300 sec
2014-05-16 10:23:39.360 Control Port 4023 Opened
2014-05-16 10:23:39.360 Data Port 4024 Opened
2014-05-16 10:23:39.360 Registered with Q330
2014-05-16 10:23:39.360 Combination Record Received
2014-05-16 10:23:39.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-16 10:23:39.360 Link Reset, starting window sequence: 51650
2014-05-16 10:23:39.360 GPS Receiver ID Received
2014-05-16 10:23:39.360 Manufacturer's Data Received, Property Tag=2017
2014-05-16 10:23:39.360 Digitizer Gain & Offsets Received
2014-05-16 10:23:39.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4352 recs.
seq end: 3442676
2014-05-16 10:23:39.360 Baler clock set to 2014-05-16 10:23:38
2014-05-16 10:23:39.360 Starting to Read DP Tokens
2014-05-16 10:23:39.360 DP Tokens loaded, size=1474 bytes
2014-05-16 10:23:39.360 webserver advertising 192.168.200.119:5380

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2014-05-16 10:23:39.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-16 10:23:39.360 filters & delay HH1:2@100,Linear all=0.320000
2014-05-16 10:23:39.360 filters & delay HH2:3@100,Linear all=0.320000
2014-05-16 10:23:39.360 filters & delay BDH:4@20,Linear all=1.650000
2014-05-16 10:23:39.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-16 10:23:39.360 filters & delay LH1:2@1,Linear all=15.000000
2014-05-16 10:23:39.360 filters & delay LH2:3@1,Linear all=15.000000
2014-05-16 10:23:39.360 filters & delay LDH:4@1,Linear all=15.000000
2014-05-16 10:23:39.360 [2014-05-15 22:22:46.999998] continuity found: 3442676
453507767.000000 Q=100
2014-05-16 10:23:39.360 [2014-05-15 22:22:46.999998] restoring continuity
2014-05-16 10:23:39.360 Sending DT_OPEN
2014-05-16 10:23:39.360 Station: XX-2017
2014-05-16 10:23:39.360 Q330 Serial Number: 0100000DB18FC351
2014-05-16 10:23:39.360 AMB Serial Number: 0100000B6909DD82
2014-05-16 10:23:39.360 Seismo 1 Serial Number: 0000000000000000
2014-05-16 10:23:39.360 QAPCHP 1 Serial Number: 4643206
2014-05-16 10:23:39.360 QAPCHP 2 Serial Number: 3743050
2014-05-16 10:23:39.360 KMI Property Tag Number: 2017
2014-05-16 10:23:39.360 System Software Version: 1.146
2014-05-16 10:23:39.360 Slave Processor Version: 1.11
2014-05-16 10:23:39.360 Calibrator Type: QCAL330
2014-05-16 10:23:39.360 Calibrator Version: 1.8
2014-05-16 10:23:39.360 Auxiliary Board Type: None
2014-05-16 10:23:39.360 Clock Type: Motorola M12
2014-05-16 10:23:39.360 PLD Version: 7.9
2014-05-16 10:23:39.360 Total Hours: 66110.83
2014-05-16 10:23:39.360 Power On Hours: 30741.21
2014-05-16 10:23:39.360 Time of Last Boot: 2014-04-06 02:03:58
2014-05-16 10:23:39.360 Total Number of Boots: 120
2014-05-16 10:23:39.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-16 10:23:39.360 Total Number of Re-Syncs: 213
2014-05-16 10:23:39.360 Status Inputs: 00000000
2014-05-16 10:23:39.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-05-16 10:23:39.360 Clock Quality: 100%
2014-05-16 10:23:39.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-16 10:23:39.360 Clock Phase: 0 usec. max allowed=50000
2014-05-16 10:23:39.360 Boom positions:
2014-05-16 10:23:39.360 Ch1: -2 ch2: 4 ch3: 6 ch4: 20 ch5: 20 ch6: 20
2014-05-16 10:23:39.360 Analog Status
2014-05-16 10:23:39.360 Analog Positive Supply: 5.46V
2014-05-16 10:23:39.360 Input Voltage: 13.20V
2014-05-16 10:23:39.360 System Temperature: 5C
2014-05-16 10:23:39.360 Main Current: 62ma
2014-05-16 10:23:39.360 Antenna Current: 0ma
2014-05-16 10:23:39.360 GPS Status
2014-05-16 10:23:39.360 Time: 10:23:38
2014-05-16 10:23:39.360 Date:
2014-05-16 10:23:39.360 Fix Type: 1-D
2014-05-16 10:23:39.360 Height:
2014-05-16 10:23:39.360 Latitude:
2014-05-16 10:23:39.360 Longitude:
2014-05-16 10:23:39.360 On Time: 0min
2014-05-16 10:23:39.360 Sat. Used: 0
2014-05-16 10:23:39.360 In View: 0
2014-05-16 10:23:39.360 Checksum Errors: 0
2014-05-16 10:23:39.360 Last GPS timemark: 2014-05-16 10:23:37
2014-05-16 10:23:39.360 PLL Status
2014-05-16 10:23:39.360 State: Lock
2014-05-16 10:23:39.360 Initial VCO: 2200.592041
2014-05-16 10:23:39.360 Time Error: 0.000000
2014-05-16 10:23:39.360 RMS VCO: 0.0000000
2014-05-16 10:23:39.360 Best VCO: 2200.68

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2014-05-16 10:23:39.360 Seconds Since Track or Lock: 0.0
2014-05-16 10:23:39.360 Vco Control: 2201
2014-05-16 10:23:39.360 timing mode: external seascan
2014-05-16 10:23:39.360 tempco normal
2014-05-16 10:23:39.360 PLL update: 10s PLL lock criterion: 5us
2014-05-16 10:23:39.360 Pfrac: 150.00
2014-05-16 10:23:39.360 VCO slope: -0.0175000
2014-05-16 10:23:39.360 VCO intercept: 7.1100001
2014-05-16 10:23:39.360 km delta: 600.0000000
2014-05-16 10:23:39.360 Logical Port 4 Status
2014-05-16 10:23:39.360 Data Packets Sent: 3984223
2014-05-16 10:23:39.360 Flood Packets Sent: 0
2014-05-16 10:23:39.360 Packets Re-Sent: 5461
2014-05-16 10:23:39.360 Sequence Errors: 0
2014-05-16 10:23:39.360 Packet Buffer Used: 22575640
2014-05-16 10:23:39.360 Physical Port: Ethernet
2014-05-16 10:23:39.360 Baler Model: 14 Software Version: 2.28
2014-05-16 10:23:39.360 MAC Address: 00:04:FB:00:02:EA
2014-05-16 10:23:39.360 Disk Size: 20000669696
2014-05-16 10:23:39.360 Percent of 1177 data files in use: 9.1
2014-05-16 10:23:39.360 Channels Enabled: 1234 Preamps ON channels:
2014-05-16 10:23:39.360 Channel Sensitivities (uV per count):
2014-05-16 10:23:39.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-16 10:23:39.360 Digitizer Calibration Results:
2014-05-16 10:23:39.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-16 10:23:39.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-16 10:23:39.360 DMU1 Software Version=10
2014-05-16 10:23:39.360 Supply Voltage=12.7
2014-05-16 10:23:39.360 Supply Current=0.41
2014-05-16 10:23:39.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-16 10:23:39.360 webLink Data Maps Restored
2014-05-16 10:23:39.360 [2014-05-15 22:22:46.999998] sequence resumes: 3442676 to
3442676
2014-05-16 10:23:39.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-05-16 10:23:38
2014-05-16 10:23:39.360 [2014-05-16 00:00:00.000001] Saving Configuration to Backup
Memory
2014-05-16 10:29:09.570 [2014-05-16 10:26:54.000000] total packets received: 51200
2014-05-16 10:29:09.570 [2014-05-16 10:26:54.000000] command timeouts: 6
2014-05-16 10:29:09.570 [2014-05-16 10:26:54.000000] out of window: 56
2014-05-16 10:29:09.570 written: HHZ-1195 HH1-1382 HH2-1427 BDH-445 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-16 10:29:09.570 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-29
VMZ-2 VM1-2
2014-05-16 10:29:09.570 written: VM2-2 LOG-2 ACE-2 OCF-2
2014-05-16 10:29:09.570 [2014-05-16 10:26:54.000000] Done: 4600 recs. seq end:
3486123. run: 325 s
2014-05-16 22:30:01.370
2014-05-16 22:30:01.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-16 22:30:01.370 Control Port 2491 Opened
2014-05-16 22:30:01.370 Baler ready on Ethernet
2014-05-16 22:30:01.370 Power Cycled Baler Acknowledged
2014-05-16 22:30:01.370 Commands Accepted by Q330
2014-05-16 22:30:01.370 Access timeout: 300 sec
2014-05-16 22:30:01.370 Control Port 4023 Opened
2014-05-16 22:30:01.370 Data Port 4024 Opened
2014-05-16 22:30:01.370 Registered with Q330
2014-05-16 22:30:01.370 Combination Record Received
2014-05-16 22:30:01.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-16 22:30:01.370 Link Reset, starting window sequence: 37223
2014-05-16 22:30:01.370 GPS Receiver ID Received
2014-05-16 22:30:01.370 Manufacturer's Data Received, Property Tag=2017
2014-05-16 22:30:01.370 Digitizer Gain & Offsets Received

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2014-05-16 22:30:01.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4600 recs.  
seq end: 3486123  
2014-05-16 22:30:01.370 Baler clock set to 2014-05-16 22:30:00  
2014-05-16 22:30:01.370 Starting to Read DP Tokens  
2014-05-16 22:30:01.370 DP Tokens loaded, size=1474 bytes  
2014-05-16 22:30:01.370 webserver advertising 192.168.200.119:5380  
2014-05-16 22:30:01.370 filters & delay HHZ:1@100,Linear all=0.320000  
2014-05-16 22:30:01.370 filters & delay HH1:2@100,Linear all=0.320000  
2014-05-16 22:30:01.370 filters & delay HH2:3@100,Linear all=0.320000  
2014-05-16 22:30:01.370 filters & delay BDH:4@20,Linear all=1.650000  
2014-05-16 22:30:01.370 filters & delay LHZ:1@1,Linear all=15.000000  
2014-05-16 22:30:01.370 filters & delay LH1:2@1,Linear all=15.000000  
2014-05-16 22:30:01.370 filters & delay LH2:3@1,Linear all=15.000000  
2014-05-16 22:30:01.370 filters & delay LDH:4@1,Linear all=15.000000  
2014-05-16 22:30:01.370 [2014-05-16 10:26:54.000000] continuity found: 3486123  
453551214.000000 Q=100  
2014-05-16 22:30:01.370 [2014-05-16 10:26:54.000000] restoring continuity  
2014-05-16 22:30:01.370 Sending DT\_OPEN  
2014-05-16 22:30:01.370 Station: XX-2017  
2014-05-16 22:30:01.370 Q330 Serial Number: 0100000DB18FC351  
2014-05-16 22:30:01.370 AMB Serial Number: 0100000B6909DD82  
2014-05-16 22:30:01.370 Seismo 1 Serial Number: 0000000000000000  
2014-05-16 22:30:01.370 Seismo 2 Serial Number: 0000000000000000  
2014-05-16 22:30:01.370 QAPCHP 1 Serial Number: 4643206  
2014-05-16 22:30:01.370 QAPCHP 2 Serial Number: 3743050  
2014-05-16 22:30:01.370 KMI Property Tag Number: 2017  
2014-05-16 22:30:01.370 System Software Version: 1.146  
2014-05-16 22:30:01.370 Slave Processor Version: 1.11  
2014-05-16 22:30:01.370 Calibrator Type: QCAL330  
2014-05-16 22:30:01.370 Calibrator Version: 1.8  
2014-05-16 22:30:01.370 Auxiliary Board Type: None  
2014-05-16 22:30:01.370 Clock Type: Motorola M12  
2014-05-16 22:30:01.370 PLD Version: 7.9  
2014-05-16 22:30:01.370 Total Hours: 66122.93  
2014-05-16 22:30:01.370 Power On Hours: 30753.32  
2014-05-16 22:30:01.370 Time of Last Boot: 2014-04-06 02:03:58  
2014-05-16 22:30:01.370 Total Number of Boots: 120  
2014-05-16 22:30:01.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-05-16 22:30:01.370 Total Number of Re-Syncs: 213  
2014-05-16 22:30:01.370 Status Inputs: 00000000  
2014-05-16 22:30:01.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-05-16 22:30:01.370 Clock Quality: 100%  
2014-05-16 22:30:01.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-05-16 22:30:01.370 Clock Phase: 0 usec. max allowed=50000  
2014-05-16 22:30:01.370 Boom positions:  
2014-05-16 22:30:01.370 ch1: -2 ch2: 4 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
2014-05-16 22:30:01.370 Analog Status  
2014-05-16 22:30:01.370 Analog Positive Supply: 5.46V  
2014-05-16 22:30:01.370 Input Voltage: 13.35V  
2014-05-16 22:30:01.370 System Temperature: 5C  
2014-05-16 22:30:01.370 Main Current: 61ma  
2014-05-16 22:30:01.370 Antenna Current: 0ma  
2014-05-16 22:30:01.370 GPS Status  
2014-05-16 22:30:01.370 Time: 22:30:00  
2014-05-16 22:30:01.370 Date:  
2014-05-16 22:30:01.370 Fix Type: 1-D  
2014-05-16 22:30:01.370 Height:  
2014-05-16 22:30:01.370 Latitude:  
2014-05-16 22:30:01.370 Longitude:  
2014-05-16 22:30:01.370 On Time: 0min  
2014-05-16 22:30:01.370 Sat. Used: 0  
2014-05-16 22:30:01.370 In View: 0  
2014-05-16 22:30:01.370 Checksum Errors: 0

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2014-05-16 22:30:01.370 Last GPS timemark: 2014-05-16 22:29:59
2014-05-16 22:30:01.370 PLL Status
2014-05-16 22:30:01.370 State: Lock
2014-05-16 22:30:01.370 Initial VCO: 2200.028564
2014-05-16 22:30:01.370 Time Error: 0.000000
2014-05-16 22:30:01.370 RMS VCO: 0.000000
2014-05-16 22:30:01.370 Best VCO: 2200.02
2014-05-16 22:30:01.370 Seconds Since Track or Lock: 0.0
2014-05-16 22:30:01.370 Vco Control: 2200
2014-05-16 22:30:01.370 timing mode: external seascan
2014-05-16 22:30:01.370 tempco normal
2014-05-16 22:30:01.370 PLL update: 10s PLL lock criterion: 5us
2014-05-16 22:30:01.370 Pfrac: 150.00
2014-05-16 22:30:01.370 VCO slope: -0.0175000
2014-05-16 22:30:01.370 VCO intercept: 7.1100001
2014-05-16 22:30:01.370 km delta: 600.0000000
2014-05-16 22:30:01.370 Logical Port 4 Status
2014-05-16 22:30:01.370 Data Packets Sent: 4035337
2014-05-16 22:30:01.370 Flood Packets Sent: 0
2014-05-16 22:30:01.370 Packets Re-Sent: 5535
2014-05-16 22:30:01.370 Sequence Errors: 0
2014-05-16 22:30:01.370 Packet Buffer Used: 23040932
2014-05-16 22:30:01.370 Physical Port: Ethernet
2014-05-16 22:30:01.370 Baler Model: 14 Software Version: 2.28
2014-05-16 22:30:01.370 MAC Address: 00:04:FB:00:02:EA
2014-05-16 22:30:01.370 Disk Size: 20000669696
2014-05-16 22:30:01.370 Percent of 1177 data files in use: 9.3
2014-05-16 22:30:01.370 Channels Enabled: 1234 Preamps ON channels:
2014-05-16 22:30:01.370 Channel Sensitivities (uV per count):
2014-05-16 22:30:01.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-16 22:30:01.370 Digitizer Calibration Results:
2014-05-16 22:30:01.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-16 22:30:01.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-16 22:30:01.370 DMU1 Software Version=10
2014-05-16 22:30:01.370 Supply Voltage=12.7
2014-05-16 22:30:01.370 Supply Current=0.40
2014-05-16 22:30:01.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-16 22:30:01.370 webLink Data Maps Restored
2014-05-16 22:30:01.370 [2014-05-16 10:26:54.000000] sequence resumes: 3486123 to
3486123
2014-05-16 22:30:01.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-16 22:30:00
2014-05-16 22:35:03.620 Reducing Status Polling Interval
2014-05-16 22:35:03.620 [2014-05-16 22:25:53.000000] total packets received: 52699
2014-05-16 22:35:03.620 [2014-05-16 22:25:53.000000] command timeouts: 6
2014-05-16 22:35:03.620 [2014-05-16 22:25:53.000000] out of window: 64
2014-05-16 22:35:03.620 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-29 LH2-28 LDH-37
VMZ-2 VM1-2
2014-05-16 22:35:03.620 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-16 22:35:03.620 [2014-05-16 22:25:53.000000] Done: 4675 recs. seq end:
3529262. run: 335 s
2014-05-17 10:36:34.360
2014-05-17 10:36:34.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-17 10:36:34.360 Control Port 2491 Opened
2014-05-17 10:36:34.360 Baler ready on Ethernet
2014-05-17 10:36:34.360 Power Cycled Baler Acknowledged
2014-05-17 10:36:34.360 Commands Accepted by Q330
2014-05-17 10:36:34.360 Access timeout: 300 sec
2014-05-17 10:36:34.360 Control Port 4023 Opened
2014-05-17 10:36:34.360 Data Port 4024 Opened
2014-05-17 10:36:34.360 Registered with Q330
2014-05-17 10:36:34.360 Combination Record Received
2014-05-17 10:36:34.360 window=4 Min. Timeout=10 Max. Timeout=30

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2014-05-17 10:36:34.360 Link Reset, starting window sequence: 24280  
 2014-05-17 10:36:34.360 GPS Receiver ID Received  
 2014-05-17 10:36:34.360 Manufacturer's Data Received, Property Tag=2017  
 2014-05-17 10:36:34.360 Digitizer Gain & Offsets Received  
 2014-05-17 10:36:34.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4675 recs.  
 seq end: 3529262  
 2014-05-17 10:36:34.360 Baler clock set to 2014-05-17 10:36:33  
 2014-05-17 10:36:34.360 Starting to Read DP Tokens  
 2014-05-17 10:36:34.360 DP Tokens loaded, size=1474 bytes  
 2014-05-17 10:36:34.360 webserver advertising 192.168.200.119:5380  
 2014-05-17 10:36:34.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-17 10:36:34.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-17 10:36:34.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-17 10:36:34.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-17 10:36:34.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-17 10:36:34.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-17 10:36:34.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-17 10:36:34.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-17 10:36:34.360 [2014-05-16 22:25:53.000000] continuity found: 3529262  
 453594353.000000 Q=100  
 2014-05-17 10:36:34.360 [2014-05-16 22:25:53.000000] restoring continuity  
 2014-05-17 10:36:34.360 Sending DT\_OPEN  
 2014-05-17 10:36:34.360 Station: XX-2017  
 2014-05-17 10:36:34.360 Q330 Serial Number: 0100000DB18FC351  
 2014-05-17 10:36:34.360 AMB Serial Number: 0100000B6909DD82  
 2014-05-17 10:36:34.360 Seismo 1 Serial Number: 0000000000000000  
 2014-05-17 10:36:34.360 Seismo 2 Serial Number: 0000000000000000  
 2014-05-17 10:36:34.360 QAPCHP 1 Serial Number: 4643206  
 2014-05-17 10:36:34.360 QAPCHP 2 Serial Number: 3743050  
 2014-05-17 10:36:34.360 KMI Property Tag Number: 2017  
 2014-05-17 10:36:34.360 System Software Version: 1.146  
 2014-05-17 10:36:34.360 Slave Processor Version: 1.11  
 2014-05-17 10:36:34.360 Calibrator Type: QCAL330  
 2014-05-17 10:36:34.360 Calibrator Version: 1.8  
 2014-05-17 10:36:34.360 Auxiliary Board Type: None  
 2014-05-17 10:36:34.360 Clock Type: Motorola M12  
 2014-05-17 10:36:34.360 PLD Version: 7.9  
 2014-05-17 10:36:34.360 Total Hours: 66135.04  
 2014-05-17 10:36:34.360 Power On Hours: 30765.43  
 2014-05-17 10:36:34.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-17 10:36:34.360 Total Number of Boots: 120  
 2014-05-17 10:36:34.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-17 10:36:34.360 Total Number of Re-Syncs: 213  
 2014-05-17 10:36:34.360 Status Inputs: 00000000  
 2014-05-17 10:36:34.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-05-17 10:36:34.360 Clock Quality: 100%  
 2014-05-17 10:36:34.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-17 10:36:34.360 Clock Phase: 0 usec. max allowed=50000  
 2014-05-17 10:36:34.360 Boom positions:  
 2014-05-17 10:36:34.360 Ch1: -2 Ch2: 3 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-17 10:36:34.360 Analog Status  
 2014-05-17 10:36:34.360 Analog Positive Supply: 5.46V  
 2014-05-17 10:36:34.360 Input Voltage: 13.35V  
 2014-05-17 10:36:34.360 System Temperature: 5C  
 2014-05-17 10:36:34.360 Main Current: 67ma  
 2014-05-17 10:36:34.360 Antenna Current: Oma  
 2014-05-17 10:36:34.360 GPS Status  
 2014-05-17 10:36:34.360 Time: 10:36:33  
 2014-05-17 10:36:34.360 Date:  
 2014-05-17 10:36:34.360 Fix Type: 1-D  
 2014-05-17 10:36:34.360 Height:  
 2014-05-17 10:36:34.360 Latitude:  
 2014-05-17 10:36:34.360 Longitude:

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2014-05-17 10:36:34.360 On Time: 0min
2014-05-17 10:36:34.360 Sat. Used: 0
2014-05-17 10:36:34.360 In View: 0
2014-05-17 10:36:34.360 Checksum Errors: 0
2014-05-17 10:36:34.360 Last GPS timemark: 2014-05-17 10:36:32
2014-05-17 10:36:34.360 PLL Status
2014-05-17 10:36:34.360 State: Lock
2014-05-17 10:36:34.360 Initial VCO: 2200.032959
2014-05-17 10:36:34.360 Time Error: -0.000001
2014-05-17 10:36:34.360 RMS VCO: 0.0000000
2014-05-17 10:36:34.360 Best VCO: 2200.04
2014-05-17 10:36:34.360 Seconds Since Track or Lock: 0.0
2014-05-17 10:36:34.360 Vco Control: 2200
2014-05-17 10:36:34.360 timing mode: external seascan
2014-05-17 10:36:34.360 tempco normal
2014-05-17 10:36:34.360 PLL update: 10s PLL lock criterion: 5us
2014-05-17 10:36:34.360 Pfrac: 150.00
2014-05-17 10:36:34.360 VCO slope: -0.0175000
2014-05-17 10:36:34.360 VCO intercept: 7.1100001
2014-05-17 10:36:34.360 Km delta: 600.0000000
2014-05-17 10:36:34.360 Logical Port 4 Status
2014-05-17 10:36:34.360 Data Packets Sent: 4087935
2014-05-17 10:36:34.360 Flood Packets Sent: 0
2014-05-17 10:36:34.360 Packets Re-Sent: 5616
2014-05-17 10:36:34.360 Sequence Errors: 0
2014-05-17 10:36:34.360 Packet Buffer Used: 23123404
2014-05-17 10:36:34.360 Physical Port: Ethernet
2014-05-17 10:36:34.360 Baler Model: 14 Software Version: 2.28
2014-05-17 10:36:34.360 MAC Address: 00:04:FB:00:02:EA
2014-05-17 10:36:34.360 Disk Size: 20000669696
2014-05-17 10:36:34.360 Percent of 1177 data files in use: 9.3
2014-05-17 10:36:34.360 Channels Enabled: 1234 Preamps ON channels:
2014-05-17 10:36:34.360 Channel Sensitivities (uV per count):
2014-05-17 10:36:34.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-17 10:36:34.360 Digitizer Calibration Results:
2014-05-17 10:36:34.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-17 10:36:34.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-17 10:36:34.360 DMU1 Software Version=10
2014-05-17 10:36:34.360 Supply Voltage=12.7
2014-05-17 10:36:34.360 Supply Current=0.40
2014-05-17 10:36:34.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-17 10:36:34.360 WebLink Data Maps Restored
2014-05-17 10:36:34.360 [2014-05-16 22:25:53.000000] sequence resumes: 3529262 to
3529262
2014-05-17 10:36:34.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-17 10:36:33
2014-05-17 10:36:34.360 [2014-05-17 00:00:00.000000] Saving Configuration to Backup
Memory
2014-05-17 10:42:24.620 Reducing Status Polling Interval
2014-05-17 10:42:24.620 [2014-05-17 10:42:23.999998] total packets received: 53459
2014-05-17 10:42:24.620 [2014-05-17 10:42:23.999998] command timeouts: 6
2014-05-17 10:42:24.620 [2014-05-17 10:42:23.999998] out of window: 70
2014-05-17 10:42:24.620 written: HHZ-1230 HH1-1438 HH2-1451 BDH-461 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-05-17 10:42:24.620 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-27 LH2-27 LDH-39
VMZ-1 VM1-1
2014-05-17 10:42:24.620 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-05-17 10:42:24.620 [2014-05-17 10:42:23.999998] Done: 4735 recs. seq end:
3573453. run: 345 s
2014-05-17 22:43:18.340
2014-05-17 22:43:18.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-17 22:43:18.340 Control Port 2491 Opened
2014-05-17 22:43:18.340 Baler ready on Ethernet

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2014-05-17 22:43:18.340 Power Cycled Baler Acknowledged  
 2014-05-17 22:43:18.340 Commands Accepted by Q330  
 2014-05-17 22:43:18.340 Access timeout: 300 sec  
 2014-05-17 22:43:18.340 Control Port 4023 Opened  
 2014-05-17 22:43:18.340 Data Port 4024 Opened  
 2014-05-17 22:43:18.340 Registered with Q330  
 2014-05-17 22:43:18.340 Combination Record Received  
 2014-05-17 22:43:18.340 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-17 22:43:18.340 Link Reset, starting window sequence: 12097  
 2014-05-17 22:43:18.340 GPS Receiver ID Received  
 2014-05-17 22:43:18.340 Manufacturer's Data Received, Property Tag=2017  
 2014-05-17 22:43:18.340 Digitizer Gain & Offsets Received  
 2014-05-17 22:43:18.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4735 recs.  
 seq end: 3573453  
 2014-05-17 22:43:18.340 Baler clock set to 2014-05-17 22:43:17  
 2014-05-17 22:43:18.340 Starting to Read DP Tokens  
 2014-05-17 22:43:18.340 DP Tokens loaded, size=1474 bytes  
 2014-05-17 22:43:18.340 Webserver advertising 192.168.200.119:5380  
 2014-05-17 22:43:18.340 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-17 22:43:18.340 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-17 22:43:18.340 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-17 22:43:18.340 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-17 22:43:18.340 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-17 22:43:18.340 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-17 22:43:18.340 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-17 22:43:18.340 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-17 22:43:18.340 [2014-05-17 10:42:23.999998] continuity found: 3573453  
 453638544.000000 Q=100  
 2014-05-17 22:43:18.340 [2014-05-17 10:42:23.999998] restoring continuity  
 2014-05-17 22:43:18.340 Sending DT\_OPEN  
 2014-05-17 22:43:18.340 Station: XX-2017  
 2014-05-17 22:43:18.340 Q330 Serial Number: 0100000DB18FC351  
 2014-05-17 22:43:18.340 AMB Serial Number: 0100000B6909DD82  
 2014-05-17 22:43:18.340 Seismo 1 Serial Number: 0000000000000000  
 2014-05-17 22:43:18.340 Seismo 2 Serial Number: 0000000000000000  
 2014-05-17 22:43:18.340 QAPCHP 1 Serial Number: 4643206  
 2014-05-17 22:43:18.340 QAPCHP 2 Serial Number: 3743050  
 2014-05-17 22:43:18.340 KMI Property Tag Number: 2017  
 2014-05-17 22:43:18.340 System Software Version: 1.146  
 2014-05-17 22:43:18.340 Slave Processor Version: 1.11  
 2014-05-17 22:43:18.340 Calibrator Type: QCAL330  
 2014-05-17 22:43:18.340 Calibrator Version: 1.8  
 2014-05-17 22:43:18.340 Auxiliary Board Type: None  
 2014-05-17 22:43:18.340 Clock Type: Motorola M12  
 2014-05-17 22:43:18.340 PLD Version: 7.9  
 2014-05-17 22:43:18.340 Total Hours: 66147.15  
 2014-05-17 22:43:18.340 Power On Hours: 30777.54  
 2014-05-17 22:43:18.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-17 22:43:18.340 Total Number of Boots: 120  
 2014-05-17 22:43:18.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-17 22:43:18.340 Total Number of Re-Syncs: 213  
 2014-05-17 22:43:18.340 Status Inputs: 00000000  
 2014-05-17 22:43:18.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-17 22:43:18.340 Clock Quality: 100%  
 2014-05-17 22:43:18.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-17 22:43:18.340 Clock Phase: 1 usec. max allowed=50000  
 2014-05-17 22:43:18.340 Boom positions:  
 2014-05-17 22:43:18.340 ch1: -2 ch2: 1 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-05-17 22:43:18.340 Analog Status  
 2014-05-17 22:43:18.340 Analog Positive Supply: 5.46V  
 2014-05-17 22:43:18.340 Input Voltage: 13.20V  
 2014-05-17 22:43:18.340 System Temperature: 5C  
 2014-05-17 22:43:18.340 Main Current: 62ma

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2014-05-17 22:43:18.340 Antenna Current: 0ma  
 2014-05-17 22:43:18.340 GPS Status  
 2014-05-17 22:43:18.340 Time: 22:43:17  
 2014-05-17 22:43:18.340 Date:  
 2014-05-17 22:43:18.340 Fix Type: 1-D  
 2014-05-17 22:43:18.340 Height:  
 2014-05-17 22:43:18.340 Latitude:  
 2014-05-17 22:43:18.340 Longitude:  
 2014-05-17 22:43:18.340 On Time: 0min  
 2014-05-17 22:43:18.340 Sat. Used: 0  
 2014-05-17 22:43:18.340 Checksum Errors: 0  
 2014-05-17 22:43:18.340 Last GPS timemark: 2014-05-17 22:43:16  
 2014-05-17 22:43:18.340 PLL Status  
 2014-05-17 22:43:18.340 State: Lock  
 2014-05-17 22:43:18.340 Initial VCO: 2200.121826  
 2014-05-17 22:43:18.340 Time Error: -0.000001  
 2014-05-17 22:43:18.340 RMS VCO: 0.0000000  
 2014-05-17 22:43:18.340 Best VCO: 2200.34  
 2014-05-17 22:43:18.340 Seconds Since Track or Lock: 0.0  
 2014-05-17 22:43:18.340 Vco Control: 2201  
 2014-05-17 22:43:18.340 timing mode: external seascan  
 2014-05-17 22:43:18.340 tempco normal  
 2014-05-17 22:43:18.340 PLL update: 10s PLL lock criterion: 5us  
 2014-05-17 22:43:18.340 Pfrac: 150.00  
 2014-05-17 22:43:18.340 VCO slope: -0.0175000  
 2014-05-17 22:43:18.340 VCO intercept: 7.1100001  
 2014-05-17 22:43:18.340 km delta: 600.0000000  
 2014-05-17 22:43:18.340 Logical Port 4 Status  
 2014-05-17 22:43:18.340 Data Packets Sent: 4141293  
 2014-05-17 22:43:18.340 Flood Packets Sent: 0  
 2014-05-17 22:43:18.340 Packets Re-Sent: 5700  
 2014-05-17 22:43:18.340 Sequence Errors: 0  
 2014-05-17 22:43:18.340 Packet Buffer Used: 22703312  
 2014-05-17 22:43:18.340 Physical Port: Ethernet  
 2014-05-17 22:43:18.340 Baler Model: 14 Software Version: 2.28  
 2014-05-17 22:43:18.340 MAC Address: 00:04:FB:00:02:EA  
 2014-05-17 22:43:18.340 Disk Size: 20000669696  
 2014-05-17 22:43:18.340 Percent of 1177 data files in use: 9.3  
 2014-05-17 22:43:18.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-17 22:43:18.340 Channel Sensitivities (uV per count):  
 2014-05-17 22:43:18.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-17 22:43:18.340 Digitizer Calibration Results:  
 2014-05-17 22:43:18.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-17 22:43:18.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-17 22:43:18.340 DMU1 Software Version=10  
 2014-05-17 22:43:18.340 Supply Voltage=12.8  
 2014-05-17 22:43:18.340 Supply Current=0.41  
 2014-05-17 22:43:18.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-17 22:43:18.340 webLink Data Maps Restored  
 2014-05-17 22:43:18.340 [2014-05-17 10:42:23.999998] sequence resumes: 3573453 to  
 3573453  
 2014-05-17 22:43:18.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-17 22:43:17  
 2014-05-17 22:46:02.180 Reducing Status Polling Interval  
 2014-05-17 22:48:54.640 [2014-05-17 22:48:52.999998] total packets received: 51054  
 2014-05-17 22:48:54.640 [2014-05-17 22:48:52.999998] command timeouts: 6  
 2014-05-17 22:48:54.640 [2014-05-17 22:48:52.999998] out of window: 56  
 2014-05-17 22:48:54.640 written: HHZ-1210 HH1-1414 HH2-1418 BDH-452 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-17 22:48:54.640 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-26 LDH-34  
 VMZ-2 VM1-2  
 2014-05-17 22:48:54.640 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1  
 2014-05-17 22:48:54.640 [2014-05-17 22:48:52.999998] Done: 4651 recs. seq end:

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3617042. run: 331 s
2014-05-18 10:49:45.340
2014-05-18 10:49:45.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-18 10:49:45.340 Control Port 2491 Opened
2014-05-18 10:49:45.340 Baler ready on Ethernet
2014-05-18 10:49:45.340 Power Cycled Baler Acknowledged
2014-05-18 10:49:45.340 Commands Accepted by Q330
2014-05-18 10:49:45.340 Access timeout: 300 sec
2014-05-18 10:49:45.340 Control Port 4023 Opened
2014-05-18 10:49:45.340 Data Port 4024 Opened
2014-05-18 10:49:45.340 Registered with Q330
2014-05-18 10:49:45.340 Combination Record Received
2014-05-18 10:49:45.340 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-18 10:49:45.340 Link Reset, starting window sequence: 63034
2014-05-18 10:49:45.340 GPS Receiver ID Received
2014-05-18 10:49:45.340 Manufacturer's Data Received, Property Tag=2017
2014-05-18 10:49:45.340 Digitizer Gain & Offsets Received
2014-05-18 10:49:45.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4651 recs.
seq end: 3617042
2014-05-18 10:49:45.340 Baler clock set to 2014-05-18 10:49:44
2014-05-18 10:49:45.340 Starting to Read DP Tokens
2014-05-18 10:49:45.340 DP Tokens loaded, size=1474 bytes
2014-05-18 10:49:45.340 webserver advertising 192.168.200.119:5380
2014-05-18 10:49:45.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-18 10:49:45.340 filters & delay HH1:2@100,Linear all=0.320000
2014-05-18 10:49:45.340 filters & delay HH2:3@100,Linear all=0.320000
2014-05-18 10:49:45.340 filters & delay BDH:4@20,Linear all=1.650000
2014-05-18 10:49:45.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-18 10:49:45.340 filters & delay LH1:2@1,Linear all=15.000000
2014-05-18 10:49:45.340 filters & delay LH2:3@1,Linear all=15.000000
2014-05-18 10:49:45.340 filters & delay LDH:4@1,Linear all=15.000000
2014-05-18 10:49:45.340 [2014-05-17 22:48:52.999998] continuity found: 3617042
453682133.000000 Q=100
2014-05-18 10:49:45.340 [2014-05-17 22:48:52.999998] restoring continuity
2014-05-18 10:49:45.340 Sending DT_OPEN
2014-05-18 10:49:45.340 Station: XX-2017
2014-05-18 10:49:45.340 Q330 Serial Number: 0100000DB18FC351
2014-05-18 10:49:45.340 AMB Serial Number: 0100000B6909DD82
2014-05-18 10:49:45.340 Seismo 1 Serial Number: 0000000000000000
2014-05-18 10:49:45.340 Seismo 2 Serial Number: 0000000000000000
2014-05-18 10:49:45.340 QAPCHP 1 Serial Number: 4643206
2014-05-18 10:49:45.340 QAPCHP 2 Serial Number: 3743050
2014-05-18 10:49:45.340 KMI Property Tag Number: 2017
2014-05-18 10:49:45.340 System Software Version: 1.146
2014-05-18 10:49:45.340 Slave Processor Version: 1.11
2014-05-18 10:49:45.340 Calibrator Type: QCAL330
2014-05-18 10:49:45.340 Calibrator Version: 1.8
2014-05-18 10:49:45.340 Auxiliary Board Type: None
2014-05-18 10:49:45.340 Clock Type: Motorola M12
2014-05-18 10:49:45.340 PLD Version: 7.9
2014-05-18 10:49:45.340 Total Hours: 66159.26
2014-05-18 10:49:45.340 Power On Hours: 30789.65
2014-05-18 10:49:45.340 Time of Last Boot: 2014-04-06 02:03:58
2014-05-18 10:49:45.340 Total Number of Boots: 120
2014-05-18 10:49:45.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-18 10:49:45.340 Total Number of Re-Syncs: 213
2014-05-18 10:49:45.340 Status Inputs: 00000000
2014-05-18 10:49:45.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-18 10:49:45.340 Clock Quality: 100%
2014-05-18 10:49:45.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-18 10:49:45.340 Clock Phase: 0 usec. max allowed=50000
2014-05-18 10:49:45.340 Boom positions:
2014-05-18 10:49:45.340 ch1: -2 ch2: 0 ch3: 5 ch4: 20 ch5: 20 ch6: 20

```



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2014-05-18 10:49:45.340 Analog Status
2014-05-18 10:49:45.340 Analog Positive Supply: 5.46v
2014-05-18 10:49:45.340 Input Voltage: 13.20v
2014-05-18 10:49:45.340 System Temperature: 5C
2014-05-18 10:49:45.340 Main Current: 62ma
2014-05-18 10:49:45.340 Antenna Current: 0ma
2014-05-18 10:49:45.340 GPS Status
2014-05-18 10:49:45.340 Time: 10:49:44
2014-05-18 10:49:45.340 Date:
2014-05-18 10:49:45.340 Fix Type: 1-D
2014-05-18 10:49:45.340 Height:
2014-05-18 10:49:45.340 Latitude:
2014-05-18 10:49:45.340 Longitude:
2014-05-18 10:49:45.340 On Time: 0min
2014-05-18 10:49:45.340 Sat. Used: 0
2014-05-18 10:49:45.340 In View: 0
2014-05-18 10:49:45.340 Checksum Errors: 0
2014-05-18 10:49:45.340 Last GPS timemark: 2014-05-18 10:49:43
2014-05-18 10:49:45.340 PLL Status
2014-05-18 10:49:45.340 State: Lock
2014-05-18 10:49:45.340 Initial VCO: 2199.386719
2014-05-18 10:49:45.340 Time Error: 0.000002
2014-05-18 10:49:45.340 RMS VCO: 0.0000000
2014-05-18 10:49:45.340 Best VCO: 2199.38
2014-05-18 10:49:45.340 Seconds Since Track or Lock: 0.0
2014-05-18 10:49:45.340 Vco Control: 2199
2014-05-18 10:49:45.340 timing mode: external seascan
2014-05-18 10:49:45.340 tempco normal
2014-05-18 10:49:45.340 PLL update: 10s PLL lock criterion: 5us
2014-05-18 10:49:45.340 Pfrac: 150.00
2014-05-18 10:49:45.340 VCO slope: -0.0175000
2014-05-18 10:49:45.340 VCO intercept: 7.1100001
2014-05-18 10:49:45.340 km delta: 600.0000000
2014-05-18 10:49:45.340 Logical Port 4 Status
2014-05-18 10:49:45.340 Data Packets Sent: 4192235
2014-05-18 10:49:45.340 Flood Packets Sent: 0
2014-05-18 10:49:45.340 Packets Re-Sent: 5772
2014-05-18 10:49:45.340 Sequence Errors: 0
2014-05-18 10:49:45.340 Packet Buffer Used: 22140496
2014-05-18 10:49:45.340 Physical Port: Ethernet
2014-05-18 10:49:45.340 Baler Model: 14 Software Version: 2.28
2014-05-18 10:49:45.340 MAC Address: 00:04:FB:00:02:EA
2014-05-18 10:49:45.340 Disk Size: 20000669696
2014-05-18 10:49:45.340 Percent of 1177 data files in use: 9.5
2014-05-18 10:49:45.340 Channels Enabled: 1234 Preamps ON channels:
2014-05-18 10:49:45.340 Channel Sensitivities (uV per count):
2014-05-18 10:49:45.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-18 10:49:45.340 Digitizer Calibration Results:
2014-05-18 10:49:45.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-18 10:49:45.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-18 10:49:45.340 DMU1 Software Version=10
2014-05-18 10:49:45.340 Supply Voltage=12.7
2014-05-18 10:49:45.340 Supply Current=0.40
2014-05-18 10:49:45.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-18 10:49:45.340 webLink Data Maps Restored
2014-05-18 10:49:45.340 [2014-05-17 22:48:52.999998] sequence resumes: 3617042 to
3617042
2014-05-18 10:49:45.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-18 10:49:44
2014-05-18 10:49:45.340 [2014-05-18 00:00:00.000000] saving Configuration to Backup
Memory
2014-05-18 10:55:13.140 Reducing Status Polling Interval
2014-05-18 10:55:13.140 [2014-05-18 10:55:12.999998] total packets received: 47076

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2014-05-18 10:55:13.140 [2014-05-18 10:55:12.999998] command timeouts: 6
2014-05-18 10:55:13.140 [2014-05-18 10:55:12.999998] out of window: 58
2014-05-18 10:55:13.140 written: HHZ-1182 HH1-1378 HH2-1358 BDH-440 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-18 10:55:13.140 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2014-05-18 10:55:13.140 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-05-18 10:55:13.140 [2014-05-18 10:55:12.999998] Done: 4502 recs. seq end:
3660622. run: 323 s
2014-05-18 22:56:04.330
2014-05-18 22:56:04.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-18 22:56:04.330 Control Port 2491 Opened
2014-05-18 22:56:04.330 Baler ready on Ethernet
2014-05-18 22:56:04.330 Power Cycled Baler Acknowledged
2014-05-18 22:56:04.330 Commands Accepted by Q330
2014-05-18 22:56:04.330 Access timeout: 300 sec
2014-05-18 22:56:04.330 Control Port 4023 Opened
2014-05-18 22:56:04.330 Data Port 4024 Opened
2014-05-18 22:56:04.330 Registered with Q330
2014-05-18 22:56:04.330 Combination Record Received
2014-05-18 22:56:04.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-18 22:56:04.330 Link Reset, starting window sequence: 44481
2014-05-18 22:56:04.330 GPS Receiver ID Received
2014-05-18 22:56:04.330 Manufacturer's Data Received, Property Tag=2017
2014-05-18 22:56:04.330 Digitizer Gain & Offsets Received
2014-05-18 22:56:04.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4502 recs.
seq end: 3660622
2014-05-18 22:56:04.330 Baler clock set to 2014-05-18 22:56:03
2014-05-18 22:56:04.330 Starting to Read DP Tokens
2014-05-18 22:56:04.330 DP Tokens loaded, size=1474 bytes
2014-05-18 22:56:04.330 webserver advertising 192.168.200.119:5380
2014-05-18 22:56:04.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-18 22:56:04.330 filters & delay HH1:2@100,Linear all=0.320000
2014-05-18 22:56:04.330 filters & delay HH2:3@100,Linear all=0.320000
2014-05-18 22:56:04.330 filters & delay BDH:4@20,Linear all=1.650000
2014-05-18 22:56:04.330 filters & delay LH1:2@1,Linear all=15.000000
2014-05-18 22:56:04.330 filters & delay LH2:3@1,Linear all=15.000000
2014-05-18 22:56:04.330 filters & delay LDH:4@1,Linear all=15.000000
2014-05-18 22:56:04.330 [2014-05-18 10:55:12.999998] continuity found: 3660622
453725713.000000 Q=100
2014-05-18 22:56:04.330 [2014-05-18 10:55:12.999998] restoring continuity
2014-05-18 22:56:04.330 Sending DT_OPEN
2014-05-18 22:56:04.330 Station: XX-2017
2014-05-18 22:56:04.330 Q330 Serial Number: 0100000DB18FC351
2014-05-18 22:56:04.330 AMB Serial Number: 0100000B6909DD82
2014-05-18 22:56:04.330 Seismo 1 Serial Number: 0000000000000000
2014-05-18 22:56:04.330 Seismo 2 Serial Number: 0000000000000000
2014-05-18 22:56:04.330 QAPCHP 1 Serial Number: 4643206
2014-05-18 22:56:04.330 QAPCHP 2 Serial Number: 3743050
2014-05-18 22:56:04.330 KMI Property Tag Number: 2017
2014-05-18 22:56:04.330 System Software Version: 1.146
2014-05-18 22:56:04.330 Slave Processor Version: 1.11
2014-05-18 22:56:04.330 Calibrator Type: QCAL330
2014-05-18 22:56:04.330 Calibrator Version: 1.8
2014-05-18 22:56:04.330 Auxiliary Board Type: None
2014-05-18 22:56:04.330 Clock Type: Motorola M12
2014-05-18 22:56:04.330 PLD Version: 7.9
2014-05-18 22:56:04.330 Total Hours: 66171.37
2014-05-18 22:56:04.330 Power On Hours: 30801.75
2014-05-18 22:56:04.330 Time of Last Boot: 2014-04-06 02:03:58
2014-05-18 22:56:04.330 Total Number of Boots: 120
2014-05-18 22:56:04.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-18 22:56:04.330 Total Number of Re-Syncs: 213

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2014-05-18 22:56:04.330 Status Inputs: 00000000  
 2014-05-18 22:56:04.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-18 22:56:04.330 Clock Quality: 100%  
 2014-05-18 22:56:04.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-18 22:56:04.330 Clock Phase: 0 usec. max allowed=50000  
 2014-05-18 22:56:04.330 Boom positions:  
 2014-05-18 22:56:04.330 ch1: -2 ch2: 1 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-05-18 22:56:04.330 Analog Status  
 2014-05-18 22:56:04.330 Analog Positive Supply: 5.46V  
 2014-05-18 22:56:04.330 Input Voltage: 13.20V  
 2014-05-18 22:56:04.330 System Temperature: 5C  
 2014-05-18 22:56:04.330 Main Current: 62ma  
 2014-05-18 22:56:04.330 Antenna Current: 0ma  
 2014-05-18 22:56:04.330 GPS Status  
 2014-05-18 22:56:04.330 Time: 22:56:03  
 2014-05-18 22:56:04.330 Date:  
 2014-05-18 22:56:04.330 Fix Type: 1-D  
 2014-05-18 22:56:04.330 Height:  
 2014-05-18 22:56:04.330 Latitude:  
 2014-05-18 22:56:04.330 Longitude:  
 2014-05-18 22:56:04.330 On Time: 0min  
 2014-05-18 22:56:04.330 Sat. Used: 0  
 2014-05-18 22:56:04.330 In View: 0  
 2014-05-18 22:56:04.330 Checksum Errors: 0  
 2014-05-18 22:56:04.330 Last GPS timemark: 2014-05-18 22:56:02  
 2014-05-18 22:56:04.330 PLL Status  
 2014-05-18 22:56:04.330 State: Lock  
 2014-05-18 22:56:04.330 Initial VCO: 2199.813721  
 2014-05-18 22:56:04.330 Time Error: 0.000000  
 2014-05-18 22:56:04.330 RMS VCO: 0.0000000  
 2014-05-18 22:56:04.330 Best VCO: 2200.02  
 2014-05-18 22:56:04.330 Seconds Since Track or Lock: 0.0  
 2014-05-18 22:56:04.330 Vco Control: 2200  
 2014-05-18 22:56:04.330 timing mode: external seascan  
 2014-05-18 22:56:04.330 tempco normal  
 2014-05-18 22:56:04.330 PLL update: 10s PLL lock criterion: 5us  
 2014-05-18 22:56:04.330 Pfrac: 150.00  
 2014-05-18 22:56:04.330 VCO slope: -0.0175000  
 2014-05-18 22:56:04.330 VCO intercept: 7.1100001  
 2014-05-18 22:56:04.330 km delta: 600.0000000  
 2014-05-18 22:56:04.330 Logical Port 4 Status  
 2014-05-18 22:56:04.330 Data Packets Sent: 4239223  
 2014-05-18 22:56:04.330 Flood Packets Sent: 0  
 2014-05-18 22:56:04.330 Packets Re-Sent: 5847  
 2014-05-18 22:56:04.330 Sequence Errors: 0  
 2014-05-18 22:56:04.330 Packet Buffer Used: 21700028  
 2014-05-18 22:56:04.330 Physical Port: Ethernet  
 2014-05-18 22:56:04.330 Baler Model: 14 Software Version: 2.28  
 2014-05-18 22:56:04.330 MAC Address: 00:04:FB:00:02:EA  
 2014-05-18 22:56:04.330 Disk Size: 20000669696  
 2014-05-18 22:56:04.330 Percent of 1177 data files in use: 9.6  
 2014-05-18 22:56:04.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-18 22:56:04.330 Channel Sensitivities (uV per count):  
 2014-05-18 22:56:04.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-18 22:56:04.330 Digitizer Calibration Results:  
 2014-05-18 22:56:04.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-18 22:56:04.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-18 22:56:04.330 DMU1 Software Version=10  
 2014-05-18 22:56:04.330 Supply Voltage=12.7  
 2014-05-18 22:56:04.330 Supply Current=0.40  
 2014-05-18 22:56:04.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-18 22:56:04.330 WebLink Data Maps Restored  
 2014-05-18 22:56:04.330 [2014-05-18 10:55:12.999998] sequence resumes: 3660622 to

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3660622
2014-05-18 22:56:04.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-18 22:56:03
2014-05-18 23:01:25.700 Reducing Status Polling Interval
2014-05-18 23:01:25.700 [2014-05-18 23:01:24.999998] total packets received: 45326
2014-05-18 23:01:25.700 [2014-05-18 23:01:24.999998] command timeouts: 6
2014-05-18 23:01:25.700 [2014-05-18 23:01:24.999998] out of window: 50
2014-05-18 23:01:25.700 written: HHZ-1160 HH1-1324 HH2-1341 BDH-425 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-05-18 23:01:25.700 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-05-18 23:01:25.700 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-18 23:01:25.700 [2014-05-18 23:01:24.999998] Done: 4380 recs. seq end:
3704194. run: 317 s
2014-05-19 11:02:18.310
2014-05-19 11:02:18.310 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-19 11:02:18.310 Control Port 2491 Opened
2014-05-19 11:02:18.310 Baler ready on Ethernet
2014-05-19 11:02:18.310 Power Cycled Baler Acknowledged
2014-05-19 11:02:18.310 Commands Accepted by Q330
2014-05-19 11:02:18.310 Access timeout: 300 sec
2014-05-19 11:02:18.310 Control Port 4023 Opened
2014-05-19 11:02:18.310 Data Port 4024 Opened
2014-05-19 11:02:18.310 Registered with Q330
2014-05-19 11:02:18.310 Combination Record Received
2014-05-19 11:02:18.310 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-19 11:02:18.310 Link Reset, starting window sequence: 24186
2014-05-19 11:02:18.310 GPS Receiver ID Received
2014-05-19 11:02:18.310 Manufacturer's Data Received, Property Tag=2017
2014-05-19 11:02:18.310 Digitizer Gain & Offsets Received
2014-05-19 11:02:18.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4380 recs.
seq end: 3704194
2014-05-19 11:02:18.310 Baler clock set to 2014-05-19 11:02:17
2014-05-19 11:02:18.310 Starting to Read DP Tokens
2014-05-19 11:02:18.310 DP Tokens loaded, size=1474 bytes
2014-05-19 11:02:18.310 Webserver advertising 192.168.200.119:5380
2014-05-19 11:02:18.310 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-19 11:02:18.310 filters & delay HH1:2@100,Linear all=0.320000
2014-05-19 11:02:18.310 filters & delay HH2:3@100,Linear all=0.320000
2014-05-19 11:02:18.310 filters & delay BDH:4@20,Linear all=1.650000
2014-05-19 11:02:18.310 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-19 11:02:18.310 filters & delay LH1:2@1,Linear all=15.000000
2014-05-19 11:02:18.310 filters & delay LH2:3@1,Linear all=15.000000
2014-05-19 11:02:18.310 filters & delay LDH:4@1,Linear all=15.000000
2014-05-19 11:02:18.310 [2014-05-18 23:01:24.999998] continuity found: 3704194
453769285.000000 Q=100
2014-05-19 11:02:18.310 [2014-05-18 23:01:24.999998] restoring continuity
2014-05-19 11:02:18.310 Sending DT_OPEN
2014-05-19 11:02:18.310 Station: XX-2017
2014-05-19 11:02:18.310 Q330 Serial Number: 0100000DB18FC351
2014-05-19 11:02:18.310 AMB Serial Number: 0100000B6909DD82
2014-05-19 11:02:18.310 Seismo 1 Serial Number: 0000000000000000
2014-05-19 11:02:18.310 Seismo 2 Serial Number: 0000000000000000
2014-05-19 11:02:18.310 QAPCHP 1 Serial Number: 4643206
2014-05-19 11:02:18.310 QAPCHP 2 Serial Number: 3743050
2014-05-19 11:02:18.310 KMI Property Tag Number: 2017
2014-05-19 11:02:18.310 System Software Version: 1.146
2014-05-19 11:02:18.310 Slave Processor Version: 1.11
2014-05-19 11:02:18.310 Calibrator Type: QCAL330
2014-05-19 11:02:18.310 Calibrator Version: 1.8
2014-05-19 11:02:18.310 Auxiliary Board Type: None
2014-05-19 11:02:18.310 Clock Type: Motorola M12
2014-05-19 11:02:18.310 PLD Version: 7.9

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2014-05-19 11:02:18.310 Total Hours: 66183.47  
 2014-05-19 11:02:18.310 Power On Hours: 30813.86  
 2014-05-19 11:02:18.310 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-19 11:02:18.310 Total Number of Boots: 120  
 2014-05-19 11:02:18.310 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-19 11:02:18.310 Total Number of Re-Syncs: 213  
 2014-05-19 11:02:18.310 Status Inputs: 00000000  
 2014-05-19 11:02:18.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-19 11:02:18.310 Clock Quality: 100%  
 2014-05-19 11:02:18.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-19 11:02:18.310 Clock Phase: 0 usec. max allowed=50000  
 2014-05-19 11:02:18.310 Boom positions:  
 2014-05-19 11:02:18.310 ch1: -2 ch2: 0 ch3: 3 ch4: 20 ch5: 20 ch6: 20  
 2014-05-19 11:02:18.310 Analog Status  
 2014-05-19 11:02:18.310 Analog Positive Supply: 5.46V  
 2014-05-19 11:02:18.310 Input Voltage: 13.20V  
 2014-05-19 11:02:18.310 System Temperature: 5C  
 2014-05-19 11:02:18.310 Main Current: 62ma  
 2014-05-19 11:02:18.310 Antenna Current: 0ma  
 2014-05-19 11:02:18.310 GPS Status  
 2014-05-19 11:02:18.310 Time: 11:02:17  
 2014-05-19 11:02:18.310 Date:  
 2014-05-19 11:02:18.310 Fix Type: 1-D  
 2014-05-19 11:02:18.310 Height:  
 2014-05-19 11:02:18.310 Latitude:  
 2014-05-19 11:02:18.310 Longitude:  
 2014-05-19 11:02:18.310 On Time: 0min  
 2014-05-19 11:02:18.310 Sat. Used: 0  
 2014-05-19 11:02:18.310 In View: 0  
 2014-05-19 11:02:18.310 Checksum Errors: 0  
 2014-05-19 11:02:18.310 Last GPS timemark: 2014-05-19 11:02:16  
 2014-05-19 11:02:18.310 PLL Status  
 2014-05-19 11:02:18.310 State: Lock  
 2014-05-19 11:02:18.310 Initial VCO: 2199.729248  
 2014-05-19 11:02:18.310 Time Error: 0.000000  
 2014-05-19 11:02:18.310 RMS VCO: 0.0000000  
 2014-05-19 11:02:18.310 Best VCO: 2199.58  
 2014-05-19 11:02:18.310 Seconds Since Track or Lock: 0.0  
 2014-05-19 11:02:18.310 Vco Control: 2200  
 2014-05-19 11:02:18.310 timing mode: external seascan  
 2014-05-19 11:02:18.310 tempco normal  
 2014-05-19 11:02:18.310 PLL update: 10s PLL lock criterion: 5us  
 2014-05-19 11:02:18.310 Pfrac: 150.00  
 2014-05-19 11:02:18.310 VCO slope: -0.0175000  
 2014-05-19 11:02:18.310 VCO intercept: 7.1100001  
 2014-05-19 11:02:18.310 km delta: 600.0000000  
 2014-05-19 11:02:18.310 Logical Port 4 Status  
 2014-05-19 11:02:18.310 Data Packets Sent: 4284469  
 2014-05-19 11:02:18.310 Flood Packets Sent: 0  
 2014-05-19 11:02:18.310 Packets Re-Sent: 5911  
 2014-05-19 11:02:18.310 Sequence Errors: 0  
 2014-05-19 11:02:18.310 Packet Buffer Used: 21495292  
 2014-05-19 11:02:18.310 Physical Port: Ethernet  
 2014-05-19 11:02:18.310 Baler Model: 14 Software Version: 2.28  
 2014-05-19 11:02:18.310 MAC Address: 00:04:FB:00:02:EA  
 2014-05-19 11:02:18.310 Disk Size: 20000669696  
 2014-05-19 11:02:18.310 Percent of 1177 data files in use: 9.6  
 2014-05-19 11:02:18.310 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-19 11:02:18.310 Channel sensitivities (uV per count):  
 2014-05-19 11:02:18.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-19 11:02:18.310 Digitizer Calibration Results:  
 2014-05-19 11:02:18.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-19 11:02:18.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2014-05-19 11:02:18.310 DMU1 Software Version=10
2014-05-19 11:02:18.310 Supply Voltage=12.7
2014-05-19 11:02:18.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-19 11:02:18.310 WebLink Data Maps Restored
2014-05-19 11:02:18.310 [2014-05-18 23:01:24.999998] sequence resumes: 3704194 to
3704194
2014-05-19 11:02:18.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-19 11:02:17
2014-05-19 11:02:18.310 [2014-05-19 00:00:00.000000] Saving Configuration to Backup
Memory
2014-05-19 11:07:41.330 Reducing Status Polling Interval
2014-05-19 11:07:41.330 [2014-05-19 11:07:41.000000] total packets received: 44503
2014-05-19 11:07:41.330 [2014-05-19 11:07:41.000000] command timeouts: 6
2014-05-19 11:07:41.330 [2014-05-19 11:07:41.000000] out of window: 66
2014-05-19 11:07:41.330 written: HHZ-1142 HH1-1293 HH2-1356 BDH-416 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-19 11:07:41.330 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-05-19 11:07:41.330 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-05-19 11:07:41.330 [2014-05-19 11:07:41.000000] Done: 4351 recs. seq end:
3747770. run: 318 s
2014-05-19 23:08:31.370
2014-05-19 23:08:31.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-19 23:08:31.370 Control Port 2491 Opened
2014-05-19 23:08:31.370 Baler ready on Ethernet
2014-05-19 23:08:31.370 Power Cycled Baler Acknowledged
2014-05-19 23:08:31.370 Commands Accepted by Q330
2014-05-19 23:08:31.370 Access timeout: 300 sec
2014-05-19 23:08:31.370 Control Port 4023 Opened
2014-05-19 23:08:31.370 Data Port 4024 Opened
2014-05-19 23:08:31.370 Registered with Q330
2014-05-19 23:08:31.370 Combination Record Received
2014-05-19 23:08:31.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-19 23:08:31.370 Link Reset, starting window sequence: 3052
2014-05-19 23:08:31.370 GPS Receiver ID Received
2014-05-19 23:08:31.370 Manufacturer's Data Received, Property Tag=2017
2014-05-19 23:08:31.370 Digitizer Gain & Offsets Received
2014-05-19 23:08:31.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4351 recs.
seq end: 3747770
2014-05-19 23:08:31.370 Baler clock set to 2014-05-19 23:08:30
2014-05-19 23:08:31.370 Starting to Read DP Tokens
2014-05-19 23:08:31.370 DP Tokens loaded, size=1474 bytes
2014-05-19 23:08:31.370 webserver advertising 192.168.200.119:5380
2014-05-19 23:08:31.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-19 23:08:31.370 filters & delay HH1:2@100,Linear all=0.320000
2014-05-19 23:08:31.370 filters & delay HH2:3@100,Linear all=0.320000
2014-05-19 23:08:31.370 filters & delay BDH:4@20,Linear all=1.650000
2014-05-19 23:08:31.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-19 23:08:31.370 filters & delay LH1:2@1,Linear all=15.000000
2014-05-19 23:08:31.370 filters & delay LH2:3@1,Linear all=15.000000
2014-05-19 23:08:31.370 filters & delay LDH:4@1,Linear all=15.000000
2014-05-19 23:08:31.370 [2014-05-19 11:07:41.000000] continuity found: 3747770
453812861.000000 Q=100
2014-05-19 23:08:31.370 [2014-05-19 11:07:41.000000] restoring continuity
2014-05-19 23:08:31.370 Sending DT_OPEN
2014-05-19 23:08:31.370 Station: XX-2017
2014-05-19 23:08:31.370 Q330 Serial Number: 0100000DB18FC351
2014-05-19 23:08:31.370 AMB Serial Number: 0100000B6909DD82
2014-05-19 23:08:31.370 Seismo 1 Serial Number: 0000000000000000
2014-05-19 23:08:31.370 Seismo 2 Serial Number: 0000000000000000
2014-05-19 23:08:31.370 QAPCHP 1 Serial Number: 4643206
2014-05-19 23:08:31.370 QAPCHP 2 Serial Number: 3743050
2014-05-19 23:08:31.370 KMI Property Tag Number: 2017

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2014-05-19 23:08:31.370 System Software Version: 1.146  
 2014-05-19 23:08:31.370 Slave Processor Version: 1.11  
 2014-05-19 23:08:31.370 Calibrator Type: QCAL330  
 2014-05-19 23:08:31.370 Calibrator Version: 1.8  
 2014-05-19 23:08:31.370 Auxiliary Board Type: None  
 2014-05-19 23:08:31.370 Clock Type: Motorola M12  
 2014-05-19 23:08:31.370 PLD Version: 7.9  
 2014-05-19 23:08:31.370 Total Hours: 66195.58  
 2014-05-19 23:08:31.370 Power On Hours: 30825.96  
 2014-05-19 23:08:31.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-19 23:08:31.370 Total Number of Boots: 120  
 2014-05-19 23:08:31.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-19 23:08:31.370 Total Number of Re-Syncs: 213  
 2014-05-19 23:08:31.370 Status Inputs: 00000000  
 2014-05-19 23:08:31.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-19 23:08:31.370 Clock Quality: 100%  
 2014-05-19 23:08:31.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-19 23:08:31.370 Clock Phase: 0 usec. max allowed=50000  
 2014-05-19 23:08:31.370 Boom positions:  
 2014-05-19 23:08:31.370 ch1: -2 ch2: -1 ch3: 2 ch4: 20 ch5: 20 ch6: 20  
 2014-05-19 23:08:31.370 Analog Status  
 2014-05-19 23:08:31.370 Analog Positive Supply: 5.46V  
 2014-05-19 23:08:31.370 Input Voltage: 13.35V  
 2014-05-19 23:08:31.370 System Temperature: 5C  
 2014-05-19 23:08:31.370 Main Current: 61ma  
 2014-05-19 23:08:31.370 Antenna Current: 0ma  
 2014-05-19 23:08:31.370 GPS Status  
 2014-05-19 23:08:31.370 Time: 23:08:30  
 2014-05-19 23:08:31.370 Date:  
 2014-05-19 23:08:31.370 Fix Type: 1-D  
 2014-05-19 23:08:31.370 Height:  
 2014-05-19 23:08:31.370 Latitude:  
 2014-05-19 23:08:31.370 Longitude:  
 2014-05-19 23:08:31.370 On Time: 0min  
 2014-05-19 23:08:31.370 Sat. Used: 0  
 2014-05-19 23:08:31.370 In View: 0  
 2014-05-19 23:08:31.370 Checksum Errors: 0  
 2014-05-19 23:08:31.370 Last GPS timemark: 2014-05-19 23:08:29  
 2014-05-19 23:08:31.370 PLL Status  
 2014-05-19 23:08:31.370 State: Lock  
 2014-05-19 23:08:31.370 Initial VCO: 2199.355957  
 2014-05-19 23:08:31.370 Time Error: 0.000000  
 2014-05-19 23:08:31.370 RMS VCO: 0.000000  
 2014-05-19 23:08:31.370 Best VCO: 2199.27  
 2014-05-19 23:08:31.370 Seconds Since Track or Lock: 0.0  
 2014-05-19 23:08:31.370 Vco Control: 2199  
 2014-05-19 23:08:31.370 timing mode: external seascan  
 2014-05-19 23:08:31.370 tempco normal  
 2014-05-19 23:08:31.370 PLL update: 10s PLL lock criterion: 5us  
 2014-05-19 23:08:31.370 Pfrac: 150.00  
 2014-05-19 23:08:31.370 VCO slope: -0.0175000  
 2014-05-19 23:08:31.370 VCO intercept: 7.1100001  
 2014-05-19 23:08:31.370 Km delta: 600.0000000  
 2014-05-19 23:08:31.370 Logical Port 4 Status  
 2014-05-19 23:08:31.370 Data Packets Sent: 4328876  
 2014-05-19 23:08:31.370 Flood Packets Sent: 0  
 2014-05-19 23:08:31.370 Packets Re-Sent: 5987  
 2014-05-19 23:08:31.370 Sequence Errors: 0  
 2014-05-19 23:08:31.370 Packet Buffer Used: 21191884  
 2014-05-19 23:08:31.370 Physical Port: Ethernet  
 2014-05-19 23:08:31.370 Baler Model: 14 Software Version: 2.28  
 2014-05-19 23:08:31.370 MAC Address: 00:04:FB:00:02:EA  
 2014-05-19 23:08:31.370 Disk Size: 20000669696

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2014-05-19 23:08:31.370 Percent of 1177 data files in use: 9.8
2014-05-19 23:08:31.370 Channels Enabled: 1234 Preamps ON channels:
2014-05-19 23:08:31.370 Channel Sensitivities (uV per count):
2014-05-19 23:08:31.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-19 23:08:31.370 Digitizer Calibration Results:
2014-05-19 23:08:31.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-19 23:08:31.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-19 23:08:31.370 DMU1 Software Version=10
2014-05-19 23:08:31.370 Supply Voltage=12.7
2014-05-19 23:08:31.370 Supply Current=0.41
2014-05-19 23:08:31.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-19 23:08:31.370 WebLink Data Maps Restored
2014-05-19 23:08:31.370 [2014-05-19 11:07:41.000000] sequence resumes: 3747770 to
3747770
2014-05-19 23:08:31.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-19 23:08:30
2014-05-19 23:13:39.660 Reducing Status Polling Interval
2014-05-19 23:13:39.660 [2014-05-19 23:13:39.000000] total packets received: 43738
2014-05-19 23:13:39.660 [2014-05-19 23:13:39.000000] command timeouts: 6
2014-05-19 23:13:39.660 [2014-05-19 23:13:39.000000] out of window: 48
2014-05-19 23:13:39.660 written: HHZ-1096 HH1-1295 HH2-1316 BDH-427 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-19 23:13:39.660 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-05-19 23:13:39.660 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-05-19 23:13:39.660 [2014-05-19 23:13:39.000000] Done: 4272 recs. seq end:
3791328. run: 305 s
2014-05-20 11:14:33.330
2014-05-20 11:14:33.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-20 11:14:33.330 Control Port 2491 Opened
2014-05-20 11:14:33.330 Baler ready on Ethernet
2014-05-20 11:14:33.330 Power Cycled Baler Acknowledged
2014-05-20 11:14:33.330 Commands Accepted by Q330
2014-05-20 11:14:33.330 Access timeout: 300 sec
2014-05-20 11:14:33.330 Control Port 4023 Opened
2014-05-20 11:14:33.330 Data Port 4024 Opened
2014-05-20 11:14:33.330 Registered with Q330
2014-05-20 11:14:33.330 Combination Record Received
2014-05-20 11:14:33.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-20 11:14:33.330 Link Reset, starting window sequence: 46708
2014-05-20 11:14:33.330 GPS Receiver ID Received
2014-05-20 11:14:33.330 Manufacturer's Data Received, Property Tag=2017
2014-05-20 11:14:33.330 Digitizer Gain & Offsets Received
2014-05-20 11:14:33.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4272 recs.
seq end: 3791328
2014-05-20 11:14:33.330 Baler clock set to 2014-05-20 11:14:32
2014-05-20 11:14:33.330 Starting to Read DP Tokens
2014-05-20 11:14:33.330 DP Tokens loaded, size=1474 bytes
2014-05-20 11:14:33.330 Webserver advertising 192.168.200.119:5380
2014-05-20 11:14:33.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-20 11:14:33.330 filters & delay HH1:2@100,Linear all=0.320000
2014-05-20 11:14:33.330 filters & delay HH2:3@100,Linear all=0.320000
2014-05-20 11:14:33.330 filters & delay BDH:4@20,Linear all=1.650000
2014-05-20 11:14:33.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-20 11:14:33.330 filters & delay LH1:2@1,Linear all=15.000000
2014-05-20 11:14:33.330 filters & delay LH2:3@1,Linear all=15.000000
2014-05-20 11:14:33.330 filters & delay LDH:4@1,Linear all=15.000000
2014-05-20 11:14:33.330 [2014-05-19 23:13:39.000000] continuity found: 3791328
453856419.000000 Q=100
2014-05-20 11:14:33.330 [2014-05-19 23:13:39.000000] restoring continuity
2014-05-20 11:14:33.330 Sending DT_OPEN
2014-05-20 11:14:33.330 Station: XX-2017
2014-05-20 11:14:33.330 Q330 Serial Number: 0100000DB18FC351

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2014-05-20 11:14:33.330 AMB Serial Number: 0100000B6909DD82  
 2014-05-20 11:14:33.330 Seismo 1 Serial Number: 0000000000000000  
 2014-05-20 11:14:33.330 Seismo 2 Serial Number: 0000000000000000  
 2014-05-20 11:14:33.330 QAPCHP 1 Serial Number: 4643206  
 2014-05-20 11:14:33.330 QAPCHP 2 Serial Number: 3743050  
 2014-05-20 11:14:33.330 KMI Property Tag Number: 2017  
 2014-05-20 11:14:33.330 System Software Version: 1.146  
 2014-05-20 11:14:33.330 Slave Processor Version: 1.11  
 2014-05-20 11:14:33.330 Calibrator Type: QCAL330  
 2014-05-20 11:14:33.330 Calibrator Version: 1.8  
 2014-05-20 11:14:33.330 Auxiliary Board Type: None  
 2014-05-20 11:14:33.330 Clock Type: Motorola M12  
 2014-05-20 11:14:33.330 PLD Version: 7.9  
 2014-05-20 11:14:33.330 Total Hours: 66207.68  
 2014-05-20 11:14:33.330 Power On Hours: 30838.06  
 2014-05-20 11:14:33.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-20 11:14:33.330 Total Number of Boots: 120  
 2014-05-20 11:14:33.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-20 11:14:33.330 Total Number of Re-Syncs: 213  
 2014-05-20 11:14:33.330 Status Inputs: 00000000  
 2014-05-20 11:14:33.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-20 11:14:33.330 Clock Quality: 100%  
 2014-05-20 11:14:33.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-20 11:14:33.330 Clock Phase: 0 usec. max allowed=50000  
 2014-05-20 11:14:33.330 Ch1: -2 Ch2: -1 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-20 11:14:33.330 Analog Status  
 2014-05-20 11:14:33.330 Analog Positive Supply: 5.46V  
 2014-05-20 11:14:33.330 Input Voltage: 13.35V  
 2014-05-20 11:14:33.330 System Temperature: 5C  
 2014-05-20 11:14:33.330 Main Current: 62ma  
 2014-05-20 11:14:33.330 Antenna Current: 0ma  
 2014-05-20 11:14:33.330 GPS Status  
 2014-05-20 11:14:33.330 Time: 11:14:32  
 2014-05-20 11:14:33.330 Date:  
 2014-05-20 11:14:33.330 Fix Type: 1-D  
 2014-05-20 11:14:33.330 Height:  
 2014-05-20 11:14:33.330 Latitude:  
 2014-05-20 11:14:33.330 Longitude:  
 2014-05-20 11:14:33.330 On Time: 0min  
 2014-05-20 11:14:33.330 Sat. Used: 0  
 2014-05-20 11:14:33.330 In View: 0  
 2014-05-20 11:14:33.330 Checksum Errors: 0  
 2014-05-20 11:14:33.330 Last GPS timemark: 2014-05-20 11:14:31  
 2014-05-20 11:14:33.330 PLL Status  
 2014-05-20 11:14:33.330 State: Lock  
 2014-05-20 11:14:33.330 Initial VCO: 2199.746338  
 2014-05-20 11:14:33.330 Time Error: 0.000000  
 2014-05-20 11:14:33.330 RMS VCO: 0.000000  
 2014-05-20 11:14:33.330 Best VCO: 2199.74  
 2014-05-20 11:14:33.330 Seconds Since Track or Lock: 0.0  
 2014-05-20 11:14:33.330 Vco Control: 2200  
 2014-05-20 11:14:33.330 timing mode: external seascan  
 2014-05-20 11:14:33.330 tempco normal  
 2014-05-20 11:14:33.330 PLL update: 10s PLL lock criterion: 5us  
 2014-05-20 11:14:33.330 Pfrac: 150.00  
 2014-05-20 11:14:33.330 VCO slope: -0.0175000  
 2014-05-20 11:14:33.330 VCO intercept: 7.1100001  
 2014-05-20 11:14:33.330 Km delta: 600.0000000  
 2014-05-20 11:14:33.330 Logical Port 4 Status  
 2014-05-20 11:14:33.330 Data Packets Sent: 4372537  
 2014-05-20 11:14:33.330 Flood Packets Sent: 0  
 2014-05-20 11:14:33.330 Packets Re-Sent: 6048  
 2014-05-20 11:14:33.330 Sequence Errors: 0

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2014-05-20 11:14:33.330 Packet Buffer Used: 22209308
2014-05-20 11:14:33.330 Physical Port: Ethernet
2014-05-20 11:14:33.330 Baler Model: 14   Software Version: 2.28
2014-05-20 11:14:33.330 MAC Address: 00:04:FB:00:02:EA
2014-05-20 11:14:33.330 Disk Size: 20000669696
2014-05-20 11:14:33.330 Percent of 1177 data files in use: 9.9
2014-05-20 11:14:33.330 Channels Enabled: 1234   Preamps ON channels:
2014-05-20 11:14:33.330 Channel Sensitivities (uV per count):
2014-05-20 11:14:33.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-20 11:14:33.330 Digitizer Calibration Results:
2014-05-20 11:14:33.330 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-05-20 11:14:33.330 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-05-20 11:14:33.330 DMU1 Software Version=10
2014-05-20 11:14:33.330 Supply Voltage=12.7
2014-05-20 11:14:33.330 Supply Current=0.40
2014-05-20 11:14:33.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-20 11:14:33.330 webLink Data Maps Restored
2014-05-20 11:14:33.330 [2014-05-19 23:13:39.000000] sequence resumes: 3791328 to
3791328
2014-05-20 11:14:33.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-20 11:14:32
2014-05-20 11:14:33.330 [2014-05-20 00:00:00.000001] saving Configuration to Backup
Memory
2014-05-20 11:20:02.610 [2014-05-20 11:14:05.000000] total packets received: 52416
2014-05-20 11:20:02.610 [2014-05-20 11:14:05.000000] command timeouts: 6
2014-05-20 11:20:02.610 [2014-05-20 11:14:05.000000] out of window: 52
2014-05-20 11:20:02.610 written: HHZ-1154 HH1-1384 HH2-1390 BDH-416 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-05-20 11:20:02.610 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-25 LH2-26 LDH-24
VMZ-1 VM1-1
2014-05-20 11:20:02.610 written: VM2-1 LOG-2 ACE-2 OCF-2
2014-05-20 11:20:02.610 [2014-05-20 11:14:05.000000] Done: 4481 recs. seq end:
3834554. run: 325 s
2014-05-20 23:20:55.330
2014-05-20 23:20:55.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-20 23:20:55.330 Control Port 2491 Opened
2014-05-20 23:20:55.330 Baler ready on Ethernet
2014-05-20 23:20:55.330 Power Cycled Baler Acknowledged
2014-05-20 23:20:55.330 Commands Accepted by Q330
2014-05-20 23:20:55.330 Access timeout: 300 sec
2014-05-20 23:20:55.330 Control Port 4023 Opened
2014-05-20 23:20:55.330 Data Port 4024 Opened
2014-05-20 23:20:55.330 Registered with Q330
2014-05-20 23:20:55.330 Combination Record Received
2014-05-20 23:20:55.330 Window=4   Min. Timeout=10   Max. Timeout=30
2014-05-20 23:20:55.330 Link Reset, starting window sequence: 33499
2014-05-20 23:20:55.330 GPS Receiver ID Received
2014-05-20 23:20:55.330 Manufacturer's Data Received, Property Tag=2017
2014-05-20 23:20:55.330 Digitizer Gain & Offsets Received
2014-05-20 23:20:55.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4481 recs.
seq end: 3834554
2014-05-20 23:20:55.330 Baler clock set to 2014-05-20 23:20:54
2014-05-20 23:20:55.330 Starting to Read DP Tokens
2014-05-20 23:20:55.330 DP Tokens loaded, size=1474 bytes
2014-05-20 23:20:55.330 webserver advertising 192.168.200.119:5380
2014-05-20 23:20:55.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-20 23:20:55.330 filters & delay HH1:2@100,Linear all=0.320000
2014-05-20 23:20:55.330 filters & delay HH2:3@100,Linear all=0.320000
2014-05-20 23:20:55.330 filters & delay BDH:4@20,Linear all=1.650000
2014-05-20 23:20:55.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-20 23:20:55.330 filters & delay LH1:2@1,Linear all=15.000000
2014-05-20 23:20:55.330 filters & delay LH2:3@1,Linear all=15.000000
2014-05-20 23:20:55.330 filters & delay LDH:4@1,Linear all=15.000000

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2014-05-20 23:20:55.330 [2014-05-20 11:14:05.000000] continuity found: 3834554
453899645.000000 Q=100
2014-05-20 23:20:55.330 [2014-05-20 11:14:05.000000] restoring continuity
2014-05-20 23:20:55.330 Sending DT_OPEN
2014-05-20 23:20:55.330 Station: XX-2017
2014-05-20 23:20:55.330 Q330 Serial Number: 0100000DB18FC351
2014-05-20 23:20:55.330 AMB Serial Number: 0100000B6909DD82
2014-05-20 23:20:55.330 Seismo 1 Serial Number: 0000000000000000
2014-05-20 23:20:55.330 Seismo 2 Serial Number: 0000000000000000
2014-05-20 23:20:55.330 QAPCHP 1 Serial Number: 4643206
2014-05-20 23:20:55.330 QAPCHP 2 Serial Number: 3743050
2014-05-20 23:20:55.330 KMI Property Tag Number: 2017
2014-05-20 23:20:55.330 System Software Version: 1.146
2014-05-20 23:20:55.330 Slave Processor Version: 1.11
2014-05-20 23:20:55.330 Calibrator Type: QCAL330
2014-05-20 23:20:55.330 Calibrator Version: 1.8
2014-05-20 23:20:55.330 Auxiliary Board Type: None
2014-05-20 23:20:55.330 Clock Type: Motorola M12
2014-05-20 23:20:55.330 PLD Version: 7.9
2014-05-20 23:20:55.330 Total Hours: 66219.78
2014-05-20 23:20:55.330 Power On Hours: 30850.17
2014-05-20 23:20:55.330 Time of Last Boot: 2014-04-06 02:03:58
2014-05-20 23:20:55.330 Total Number of Boots: 120
2014-05-20 23:20:55.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-20 23:20:55.330 Total Number of Re-Syncs: 213
2014-05-20 23:20:55.330 Status Inputs: 00000000
2014-05-20 23:20:55.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-20 23:20:55.330 Clock Quality: 100%
2014-05-20 23:20:55.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-20 23:20:55.330 Clock Phase: 0 usec. max allowed=50000
2014-05-20 23:20:55.330 Boom positions:
2014-05-20 23:20:55.330 Ch1: -2 Ch2: -3 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-20 23:20:55.330 Analog Status
2014-05-20 23:20:55.330 Analog Positive Supply: 5.46V
2014-05-20 23:20:55.330 Input Voltage: 13.20V
2014-05-20 23:20:55.330 System Temperature: 5C
2014-05-20 23:20:55.330 Main Current: 62ma
2014-05-20 23:20:55.330 Antenna Current: 0ma
2014-05-20 23:20:55.330 GPS Status
2014-05-20 23:20:55.330 Time: 23:20:54
2014-05-20 23:20:55.330 Date:
2014-05-20 23:20:55.330 Fix Type: 1-D
2014-05-20 23:20:55.330 Height:
2014-05-20 23:20:55.330 Latitude:
2014-05-20 23:20:55.330 Longitude:
2014-05-20 23:20:55.330 On Time: 0min
2014-05-20 23:20:55.330 Sat. Used: 0
2014-05-20 23:20:55.330 In View: 0
2014-05-20 23:20:55.330 Checksum Errors: 0
2014-05-20 23:20:55.330 Last GPS timemark: 2014-05-20 23:20:53
2014-05-20 23:20:55.330 PLL Status
2014-05-20 23:20:55.330 State: Lock
2014-05-20 23:20:55.330 Initial VCO: 2200.194580
2014-05-20 23:20:55.330 Time Error: 0.000000
2014-05-20 23:20:55.330 RMS VCO: 0.000000
2014-05-20 23:20:55.330 Best VCO: 2200.15
2014-05-20 23:20:55.330 Seconds Since Track or Lock: 0.0
2014-05-20 23:20:55.330 Vco Control: 2200
2014-05-20 23:20:55.330 timing mode: external seascan
2014-05-20 23:20:55.330 tempco normal
2014-05-20 23:20:55.330 PLL update: 10s PLL lock criterion: 5us
2014-05-20 23:20:55.330 Pfrac: 150.00
2014-05-20 23:20:55.330 VCO slope: -0.0175000

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2014-05-20 23:20:55.330 VCO intercept: 7.1100001
2014-05-20 23:20:55.330 Km delta: 600.0000000
2014-05-20 23:20:55.330 Logical Port 4 Status
2014-05-20 23:20:55.330 Data Packets Sent: 4424871
2014-05-20 23:20:55.330 Flood Packets Sent: 0
2014-05-20 23:20:55.330 Packets Re-Sent: 6114
2014-05-20 23:20:55.330 Sequence Errors: 0
2014-05-20 23:20:55.330 Packet Buffer Used: 23664672
2014-05-20 23:20:55.330 Physical Port: Ethernet
2014-05-20 23:20:55.330 Baler Model: 14   Software Version: 2.28
2014-05-20 23:20:55.330 MAC Address: 00:04:FB:00:02:EA
2014-05-20 23:20:55.330 Disk Size: 20000669696
2014-05-20 23:20:55.330 Percent of 1177 data files in use: 9.9
2014-05-20 23:20:55.330 Channels Enabled: 1234   Preamps ON channels:
2014-05-20 23:20:55.330 Channel Sensitivities (uV per count):
2014-05-20 23:20:55.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-20 23:20:55.330 Digitizer Calibration Results:
2014-05-20 23:20:55.330 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-05-20 23:20:55.330 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-05-20 23:20:55.330 DMU1 Software Version=10
2014-05-20 23:20:55.330 Supply Voltage=12.7
2014-05-20 23:20:55.330 Supply Current=0.41
2014-05-20 23:20:55.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-20 23:20:55.330 WebLink Data Maps Restored
2014-05-20 23:20:55.330 [2014-05-20 11:14:05.000000] sequence resumes overlapping:
3834554 to 3834553
2014-05-20 23:20:55.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-20 23:20:54
2014-05-20 23:26:52.950 Reducing Status Polling Interval
2014-05-20 23:26:52.950 [2014-05-20 23:26:52.000000] total packets received: 62114
2014-05-20 23:26:52.950 [2014-05-20 23:26:52.000000] command timeouts: 6
2014-05-20 23:26:52.950 [2014-05-20 23:26:52.000000] out of window: 63
2014-05-20 23:26:52.950 written: HHZ-1254 HH1-1519 HH2-1527 BDH-422 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-05-20 23:26:52.950 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-27 LH2-27 LDH-24
VMZ-2 VM1-2
2014-05-20 23:26:52.950 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2
2014-05-20 23:26:52.950 [2014-05-20 23:26:52.000000] Done: 4869 recs. seq end:
3878521. run: 354 s
2014-05-21 11:27:46.340
2014-05-21 11:27:46.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-21 11:27:46.340 Control Port 2491 Opened
2014-05-21 11:27:46.340 Baler ready on Ethernet
2014-05-21 11:27:46.340 Power Cycled Baler Acknowledged
2014-05-21 11:27:46.340 Commands Accepted by Q330
2014-05-21 11:27:46.340 Access timeout: 300 sec
2014-05-21 11:27:46.340 Control Port 4023 Opened
2014-05-21 11:27:46.340 Data Port 4024 Opened
2014-05-21 11:27:46.340 Registered with Q330
2014-05-21 11:27:46.340 Combination Record Received
2014-05-21 11:27:46.340 Window=4   Min. Timeout=10   Max. Timeout=30
2014-05-21 11:27:46.340 Link Reset, starting window sequence: 29977
2014-05-21 11:27:46.340 GPS Receiver ID Received
2014-05-21 11:27:46.340 Manufacturer's Data Received, Property Tag=2017
2014-05-21 11:27:46.340 Digitizer Gain & Offsets Received
2014-05-21 11:27:46.340 Baler clock set to 2014-05-21 11:27:45
2014-05-21 11:27:46.340 Starting to Read DP Tokens
2014-05-21 11:27:46.340 DP Tokens loaded, size=1474 bytes
2014-05-21 11:27:46.340 webserver advertising 192.168.200.119:5380
2014-05-21 11:27:46.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-21 11:27:46.340 filters & delay HH1:2@100,Linear all=0.320000
2014-05-21 11:27:46.340 filters & delay HH2:3@100,Linear all=0.320000
2014-05-21 11:27:46.340 filters & delay BDH:4@20,Linear all=1.650000

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2014-05-21 11:27:46.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-21 11:27:46.340 filters & delay LH1:2@1,Linear all=15.000000
2014-05-21 11:27:46.340 filters & delay LH2:3@1,Linear all=15.000000
2014-05-21 11:27:46.340 filters & delay LDH:4@1,Linear all=15.000000
2014-05-21 11:27:46.340 [2014-05-20 23:26:52.000000] continuity found: 3878521
453943612.000000 Q=100
2014-05-21 11:27:46.340 [2014-05-20 23:26:52.000000] restoring continuity
2014-05-21 11:27:46.340 Sending DT_OPEN
2014-05-21 11:27:46.340 Station: XX-2017
2014-05-21 11:27:46.340 Q330 Serial Number: 0100000DB18FC351
2014-05-21 11:27:46.340 AMB Serial Number: 0100000B6909DD82
2014-05-21 11:27:46.340 Seismo 1 Serial Number: 0000000000000000
2014-05-21 11:27:46.340 Seismo 2 Serial Number: 0000000000000000
2014-05-21 11:27:46.340 QAPCHP 1 Serial Number: 4643206
2014-05-21 11:27:46.340 QAPCHP 2 Serial Number: 3743050
2014-05-21 11:27:46.340 KMI Property Tag Number: 2017
2014-05-21 11:27:46.340 System Software Version: 1.146
2014-05-21 11:27:46.340 Slave Processor Version: 1.11
2014-05-21 11:27:46.340 Calibrator Type: QCAL330
2014-05-21 11:27:46.340 Calibrator Version: 1.8
2014-05-21 11:27:46.340 Auxiliary Board Type: None
2014-05-21 11:27:46.340 Clock Type: Motorola M12
2014-05-21 11:27:46.340 PLD Version: 7.9
2014-05-21 11:27:46.340 Total Hours: 66231.90
2014-05-21 11:27:46.340 Power On Hours: 30862.28
2014-05-21 11:27:46.340 Time of Last Boot: 2014-04-06 02:03:58
2014-05-21 11:27:46.340 Total Number of Boots: 120
2014-05-21 11:27:46.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-21 11:27:46.340 Total Number of Re-Syncs: 213
2014-05-21 11:27:46.340 Status Inputs: 00000000
2014-05-21 11:27:46.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-21 11:27:46.340 Clock Quality: 100%
2014-05-21 11:27:46.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-21 11:27:46.340 Clock Phase: 0 usec. max allowed=50000
2014-05-21 11:27:46.340 Boom positions:
2014-05-21 11:27:46.340 Ch1: -2 Ch2: -4 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-21 11:27:46.340 Analog Status
2014-05-21 11:27:46.340 Analog Positive Supply: 5.46V
2014-05-21 11:27:46.340 Input Voltage: 13.20V
2014-05-21 11:27:46.340 System Temperature: 5C
2014-05-21 11:27:46.340 Main Current: 62ma
2014-05-21 11:27:46.340 Antenna Current: 0ma
2014-05-21 11:27:46.340 GPS Status
2014-05-21 11:27:46.340 Time: 11:27:45
2014-05-21 11:27:46.340 Date:
2014-05-21 11:27:46.340 Fix Type: 1-D
2014-05-21 11:27:46.340 Height:
2014-05-21 11:27:46.340 Latitude:
2014-05-21 11:27:46.340 Longitude:
2014-05-21 11:27:46.340 On Time: 0min
2014-05-21 11:27:46.340 Sat. Used: 0
2014-05-21 11:27:46.340 In View: 0
2014-05-21 11:27:46.340 Checksum Errors: 0
2014-05-21 11:27:46.340 Last GPS timemark: 2014-05-21 11:27:44
2014-05-21 11:27:46.340 PLL Status
2014-05-21 11:27:46.340 State: Lock
2014-05-21 11:27:46.340 Initial VCO: 2200.010498
2014-05-21 11:27:46.340 Time Error: 0.000000
2014-05-21 11:27:46.340 RMS VCO: 0.0000000
2014-05-21 11:27:46.340 Best VCO: 2200.01
2014-05-21 11:27:46.340 Seconds Since Track or Lock: 0.0
2014-05-21 11:27:46.340 Vco Control: 2200
2014-05-21 11:27:46.340 timing mode: external seascan

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2014-05-21 11:27:46.340 tempco normal
2014-05-21 11:27:46.340 PLL update: 10s PLL lock criterion: 5us
2014-05-21 11:27:46.340 Pfrac: 150.00
2014-05-21 11:27:46.340 VCO slope: -0.0175000
2014-05-21 11:27:46.340 VCO intercept: 7.1100001
2014-05-21 11:27:46.340 Km delta: 600.0000000
2014-05-21 11:27:46.340 Logical Port 4 Status
2014-05-21 11:27:46.340 Data Packets Sent: 4486890
2014-05-21 11:27:46.340 Flood Packets Sent: 0
2014-05-21 11:27:46.340 Packets Re-Sent: 6196
2014-05-21 11:27:46.340 Sequence Errors: 0
2014-05-21 11:27:46.340 Packet Buffer Used: 23582440
2014-05-21 11:27:46.340 Physical Port: Ethernet
2014-05-21 11:27:46.340 Baler Model: 14 Software Version: 2.28
2014-05-21 11:27:46.340 MAC Address: 00:04:FB:00:02:EA
2014-05-21 11:27:46.340 Disk Size: 20000669696
2014-05-21 11:27:46.340 Percent of 1177 data files in use: 9.9
2014-05-21 11:27:46.340 Channels Enabled: 1234 Preamps ON channels:
2014-05-21 11:27:46.340 Channel Sensitivities (uV per count):
2014-05-21 11:27:46.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-21 11:27:46.340 Digitizer Calibration Results:
2014-05-21 11:27:46.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-21 11:27:46.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-21 11:27:46.340 DMU1 Software Version=10
2014-05-21 11:27:46.340 Supply Voltage=12.7
2014-05-21 11:27:46.340 Supply Current=0.40
2014-05-21 11:27:46.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-21 11:27:46.340 WebLink Data Maps Restored
2014-05-21 11:27:46.340 [2014-05-20 23:26:52.000000] sequence resumes: 3878521 to
3878521
2014-05-21 11:27:46.340 [2014-05-21 00:00:00.000000] Saving Configuration to Backup
Memory
2014-05-21 11:27:46.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-21 11:27:45
2014-05-21 11:33:42.920 Reducing Status Polling Interval
2014-05-21 11:33:42.920 [2014-05-21 11:33:42.000000] total packets received: 64526
2014-05-21 11:33:42.920 [2014-05-21 11:33:42.000000] command timeouts: 6
2014-05-21 11:33:42.920 [2014-05-21 11:33:42.000000] out of window: 66
2014-05-21 11:33:42.920 written: HHZ-1248 HH1-1513 HH2-1534 BDH-415 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-21 11:33:42.920 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-26 LH2-28 LDH-24
VMZ-2 VM1-2
2014-05-21 11:33:42.920 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-05-21 11:33:42.920 [2014-05-21 11:33:42.000000] Done: 4856 recs. seq end:
3922131. run: 353 s
2014-05-21 23:34:35.320
2014-05-21 23:34:35.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-21 23:34:35.320 Control Port 2491 Opened
2014-05-21 23:34:35.320 Baler ready on Ethernet
2014-05-21 23:34:35.320 Power Cycled Baler Acknowledged
2014-05-21 23:34:35.320 Commands Accepted by Q330
2014-05-21 23:34:35.320 Access timeout: 300 sec
2014-05-21 23:34:35.320 Control Port 4023 Opened
2014-05-21 23:34:35.320 Data Port 4024 Opened
2014-05-21 23:34:35.320 Registered with Q330
2014-05-21 23:34:35.320 Combination Record Received
2014-05-21 23:34:35.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-21 23:34:35.320 Link Reset, starting window sequence: 28864
2014-05-21 23:34:35.320 GPS Receiver ID Received
2014-05-21 23:34:35.320 Manufacturer's Data Received, Property Tag=2017
2014-05-21 23:34:35.320 Digitizer Gain & Offsets Received
2014-05-21 23:34:35.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4856 recs.
seq end: 3922131

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2014-05-21 23:34:35.320 Baler clock set to 2014-05-21 23:34:34
2014-05-21 23:34:35.320 Starting to Read DP Tokens
2014-05-21 23:34:35.320 DP Tokens loaded, size=1474 bytes
2014-05-21 23:34:35.320 Webserver advertising 192.168.200.119:5380
2014-05-21 23:34:35.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-21 23:34:35.320 filters & delay HH1:2@100,Linear all=0.320000
2014-05-21 23:34:35.320 filters & delay HH2:3@100,Linear all=0.320000
2014-05-21 23:34:35.320 filters & delay BDH:4@20,Linear all=1.650000
2014-05-21 23:34:35.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-21 23:34:35.320 filters & delay LH1:2@1,Linear all=15.000000
2014-05-21 23:34:35.320 filters & delay LH2:3@1,Linear all=15.000000
2014-05-21 23:34:35.320 filters & delay LDH:4@1,Linear all=15.000000
2014-05-21 23:34:35.320 [2014-05-21 11:33:42.000000] continuity found: 3922131
453987222.000000 Q=100
2014-05-21 23:34:35.320 [2014-05-21 11:33:42.000000] restoring continuity
2014-05-21 23:34:35.320 Sending DT_OPEN
2014-05-21 23:34:35.320 Station: XX-2017
2014-05-21 23:34:35.320 Q330 Serial Number: 0100000DB18FC351
2014-05-21 23:34:35.320 AMB Serial Number: 0100000B6909DD82
2014-05-21 23:34:35.320 Seismo 1 Serial Number: 0000000000000000
2014-05-21 23:34:35.320 Seismo 2 Serial Number: 0000000000000000
2014-05-21 23:34:35.320 QAPCHP 1 Serial Number: 4643206
2014-05-21 23:34:35.320 QAPCHP 2 Serial Number: 3743050
2014-05-21 23:34:35.320 KMI Property Tag Number: 2017
2014-05-21 23:34:35.320 System Software Version: 1.146
2014-05-21 23:34:35.320 Slave Processor Version: 1.11
2014-05-21 23:34:35.320 Calibrator Type: QCAL330
2014-05-21 23:34:35.320 Calibrator Version: 1.8
2014-05-21 23:34:35.320 Auxiliary Board Type: None
2014-05-21 23:34:35.320 Clock Type: Motorola M12
2014-05-21 23:34:35.320 PLD Version: 7.9
2014-05-21 23:34:35.320 Total Hours: 66244.01
2014-05-21 23:34:35.320 Power On Hours: 30874.40
2014-05-21 23:34:35.320 Time of Last Boot: 2014-04-06 02:03:58
2014-05-21 23:34:35.320 Total Number of Boots: 120
2014-05-21 23:34:35.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-21 23:34:35.320 Total Number of Re-Syncs: 213
2014-05-21 23:34:35.320 Status Inputs: 00000000
2014-05-21 23:34:35.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-05-21 23:34:35.320 Clock Quality: 100%
2014-05-21 23:34:35.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-21 23:34:35.320 Clock Phase: 0 usec. max allowed=50000
2014-05-21 23:34:35.320 Boom positions:
2014-05-21 23:34:35.320 Ch1: -2 Ch2: -6 Ch3: -5 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-21 23:34:35.320 Analog Status
2014-05-21 23:34:35.320 Analog Positive Supply: 5.46V
2014-05-21 23:34:35.320 Input Voltage: 13.20V
2014-05-21 23:34:35.320 System Temperature: 5C
2014-05-21 23:34:35.320 Main Current: 64ma
2014-05-21 23:34:35.320 Antenna Current: 0ma
2014-05-21 23:34:35.320 GPS Status
2014-05-21 23:34:35.320 Time: 23:34:34
2014-05-21 23:34:35.320 Date:
2014-05-21 23:34:35.320 Fix Type: 1-D
2014-05-21 23:34:35.320 Height:
2014-05-21 23:34:35.320 Latitude:
2014-05-21 23:34:35.320 Longitude:
2014-05-21 23:34:35.320 On Time: 0min
2014-05-21 23:34:35.320 Sat. Used: 0
2014-05-21 23:34:35.320 In View: 0
2014-05-21 23:34:35.320 Checksum Errors: 0
2014-05-21 23:34:35.320 Last GPS timemark: 2014-05-21 23:34:33
2014-05-21 23:34:35.320 PLL Status

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2014-05-21 23:34:35.320 State: Lock  
 2014-05-21 23:34:35.320 Initial VCO: 2200.188965  
 2014-05-21 23:34:35.320 Time Error: 0.000000  
 2014-05-21 23:34:35.320 RMS VCO: 0.0000000  
 2014-05-21 23:34:35.320 Best VCO: 2200.19  
 2014-05-21 23:34:35.320 Seconds Since Track or Lock: 0.0  
 2014-05-21 23:34:35.320 Vco Control: 2200  
 2014-05-21 23:34:35.320 timing mode: external seascan  
 2014-05-21 23:34:35.320 tempco normal  
 2014-05-21 23:34:35.320 PLL update: 10s PLL lock criterion: 5us  
 2014-05-21 23:34:35.320 Pfrac: 150.00  
 2014-05-21 23:34:35.320 VCO slope: -0.0175000  
 2014-05-21 23:34:35.320 VCO intercept: 7.1100001  
 2014-05-21 23:34:35.320 Km delta: 600.0000000  
 2014-05-21 23:34:35.320 Logical Port 4 Status  
 2014-05-21 23:34:35.320 Data Packets Sent: 4551318  
 2014-05-21 23:34:35.320 Flood Packets Sent: 0  
 2014-05-21 23:34:35.320 Packets Re-Sent: 6276  
 2014-05-21 23:34:35.320 Sequence Errors: 0  
 2014-05-21 23:34:35.320 Packet Buffer Used: 23272304  
 2014-05-21 23:34:35.320 Physical Port: Ethernet  
 2014-05-21 23:34:35.320 Baler Model: 14 Software Version: 2.28  
 2014-05-21 23:34:35.320 Disk Size: 20000669696  
 2014-05-21 23:34:35.320 Percent of 1177 data files in use: 10.2  
 2014-05-21 23:34:35.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-21 23:34:35.320 Channel Sensitivities (uV per count):  
 2014-05-21 23:34:35.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-21 23:34:35.320 Digitizer Calibration Results:  
 2014-05-21 23:34:35.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-21 23:34:35.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-21 23:34:35.320 DMU1 Software Version=10  
 2014-05-21 23:34:35.320 Supply Voltage=12.7  
 2014-05-21 23:34:35.320 Supply Current=0.40  
 2014-05-21 23:34:35.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-21 23:34:35.320 webLink Data Maps Restored  
 2014-05-21 23:34:35.320 [2014-05-21 11:33:42.000000] sequence resumes: 3922131 to  
 3922131  
 2014-05-21 23:34:35.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-21 23:34:34  
 2014-05-21 23:40:21.130 Reducing Status Polling Interval  
 2014-05-21 23:40:21.130 [2014-05-21 23:40:19.999998] total packets received: 58323  
 2014-05-21 23:40:21.130 [2014-05-21 23:40:19.999998] command timeouts: 6  
 2014-05-21 23:40:21.130 [2014-05-21 23:40:19.999998] out of window: 52  
 2014-05-21 23:40:21.130 written: HHZ-1232 HH1-1472 HH2-1499 BDH-428 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-05-21 23:40:21.130 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-25 LH2-26 LDH-24  
 VMZ-1 VM1-1  
 2014-05-21 23:40:21.130 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-05-21 23:40:21.130 [2014-05-21 23:40:19.999998] Done: 4768 recs. seq end:  
 3965729. run: 342 s  
 2014-05-22 11:41:14.350  
 2014-05-22 11:41:14.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-22 11:41:14.350 Control Port 2491 Opened  
 2014-05-22 11:41:14.350 Baler ready on Ethernet  
 2014-05-22 11:41:14.350 Power Cycled Baler Acknowledged  
 2014-05-22 11:41:14.350 Commands Accepted by Q330  
 2014-05-22 11:41:14.350 Access timeout: 300 sec  
 2014-05-22 11:41:14.350 Control Port 4023 Opened  
 2014-05-22 11:41:14.350 Data Port 4024 Opened  
 2014-05-22 11:41:14.350 Registered with Q330  
 2014-05-22 11:41:14.350 Combination Record Received  
 2014-05-22 11:41:14.350 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-22 11:41:14.350 Link Reset, starting window sequence: 21563



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2014-05-22 11:41:14.350 GPS Receiver ID Received  
 2014-05-22 11:41:14.350 Manufacturer's Data Received, Property Tag=2017  
 2014-05-22 11:41:14.350 Digitizer Gain & Offsets Received  
 2014-05-22 11:41:14.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4768 recs.  
 seq end: 3965729  
 2014-05-22 11:41:14.350 Baler clock set to 2014-05-22 11:41:13  
 2014-05-22 11:41:14.350 Starting to Read DP Tokens  
 2014-05-22 11:41:14.350 DP Tokens loaded, size=1474 bytes  
 2014-05-22 11:41:14.350 Webserver advertising 192.168.200.119:5380  
 2014-05-22 11:41:14.350 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-22 11:41:14.350 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-22 11:41:14.350 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-22 11:41:14.350 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-22 11:41:14.350 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-22 11:41:14.350 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-22 11:41:14.350 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-22 11:41:14.350 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-22 11:41:14.350 [2014-05-21 23:40:19.999998] continuity found: 3965729  
 454030820.000000 Q=100  
 2014-05-22 11:41:14.350 [2014-05-21 23:40:19.999998] restoring continuity  
 2014-05-22 11:41:14.350 Sending DT\_OPEN  
 2014-05-22 11:41:14.350 Station: XX-2017  
 2014-05-22 11:41:14.350 Q330 Serial Number: 0100000DB18FC351  
 2014-05-22 11:41:14.350 AMB Serial Number: 0100000B6909DD82  
 2014-05-22 11:41:14.350 Seismo 1 Serial Number: 0000000000000000  
 2014-05-22 11:41:14.350 Seismo 2 Serial Number: 0000000000000000  
 2014-05-22 11:41:14.350 QAPCHP 1 Serial Number: 4643206  
 2014-05-22 11:41:14.350 QAPCHP 2 Serial Number: 3743050  
 2014-05-22 11:41:14.350 KMI Property Tag Number: 2017  
 2014-05-22 11:41:14.350 System Software Version: 1.146  
 2014-05-22 11:41:14.350 Slave Processor Version: 1.11  
 2014-05-22 11:41:14.350 Calibrator Type: QCAL330  
 2014-05-22 11:41:14.350 Calibrator Version: 1.8  
 2014-05-22 11:41:14.350 Auxiliary Board Type: None  
 2014-05-22 11:41:14.350 Clock Type: Motorola M12  
 2014-05-22 11:41:14.350 PLD Version: 7.9  
 2014-05-22 11:41:14.350 Total Hours: 66256.12  
 2014-05-22 11:41:14.350 Power On Hours: 30886.51  
 2014-05-22 11:41:14.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-22 11:41:14.350 Total Number of Boots: 120  
 2014-05-22 11:41:14.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-22 11:41:14.350 Total Number of Re-Syncs: 213  
 2014-05-22 11:41:14.350 Status Inputs: 00000000  
 2014-05-22 11:41:14.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-22 11:41:14.350 Clock Quality: 100%  
 2014-05-22 11:41:14.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-22 11:41:14.350 Clock Phase: 0 usec. max allowed=50000  
 2014-05-22 11:41:14.350 Boom positions:  
 2014-05-22 11:41:14.350 ch1: -2 ch2: -7 ch3: -4 ch4: 20 ch5: 20 ch6: 20  
 2014-05-22 11:41:14.350 Analog Status  
 2014-05-22 11:41:14.350 Analog Positive Supply: 5.46V  
 2014-05-22 11:41:14.350 Input Voltage: 13.35V  
 2014-05-22 11:41:14.350 System Temperature: 5C  
 2014-05-22 11:41:14.350 Main Current: 62ma  
 2014-05-22 11:41:14.350 Antenna Current: 0ma  
 2014-05-22 11:41:14.350 GPS Status  
 2014-05-22 11:41:14.350 Time: 11:41:13  
 2014-05-22 11:41:14.350 Date:  
 2014-05-22 11:41:14.350 Fix Type: 1-D  
 2014-05-22 11:41:14.350 Height:  
 2014-05-22 11:41:14.350 Latitude:  
 2014-05-22 11:41:14.350 Longitude:  
 2014-05-22 11:41:14.350 On Time: 0min

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2014-05-22 11:41:14.350 Sat. Used: 0
2014-05-22 11:41:14.350 In View: 0
2014-05-22 11:41:14.350 Checksum Errors: 0
2014-05-22 11:41:14.350 Last GPS timemark: 2014-05-22 11:41:12
2014-05-22 11:41:14.350 PLL Status
2014-05-22 11:41:14.350 State: Lock
2014-05-22 11:41:14.350 Initial VCO: 2199.995605
2014-05-22 11:41:14.350 Time Error: 0.000000
2014-05-22 11:41:14.350 RMS VCO: 0.000000
2014-05-22 11:41:14.350 Best VCO: 2200.01
2014-05-22 11:41:14.350 Seconds Since Track or Lock: 0.0
2014-05-22 11:41:14.350 Vco Control: 2200
2014-05-22 11:41:14.350 timing mode: external seascan
2014-05-22 11:41:14.350 tempco normal
2014-05-22 11:41:14.350 PLL update: 10s PLL lock criterion: 5us
2014-05-22 11:41:14.350 Pfrac: 150.00
2014-05-22 11:41:14.350 VCO slope: -0.0175000
2014-05-22 11:41:14.350 VCO intercept: 7.1100001
2014-05-22 11:41:14.350 Km delta: 600.0000000
2014-05-22 11:41:14.350 Logical Port 4 Status
2014-05-22 11:41:14.350 Data Packets Sent: 4609558
2014-05-22 11:41:14.350 Flood Packets Sent: 0
2014-05-22 11:41:14.350 Packets Re-Sent: 6344
2014-05-22 11:41:14.350 Sequence Errors: 0
2014-05-22 11:41:14.350 Packet Buffer Used: 22677992
2014-05-22 11:41:14.350 Physical Port: Ethernet
2014-05-22 11:41:14.350 Baler Model: 14 Software Version: 2.28
2014-05-22 11:41:14.350 MAC Address: 00:04:FB:00:02:EA
2014-05-22 11:41:14.350 Disk Size: 20000669696
2014-05-22 11:41:14.350 Percent of 1177 data files in use: 10.3
2014-05-22 11:41:14.350 Channels Enabled: 1234 Preamps ON channels:
2014-05-22 11:41:14.350 Channel Sensitivities (uV per count):
2014-05-22 11:41:14.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-22 11:41:14.350 Digitizer Calibration Results:
2014-05-22 11:41:14.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-22 11:41:14.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-22 11:41:14.350 DMU1 Software Version=10
2014-05-22 11:41:14.350 Supply Voltage=12.7
2014-05-22 11:41:14.350 Supply Current=0.40
2014-05-22 11:41:14.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-22 11:41:14.350 webLink Data Maps Restored
2014-05-22 11:41:14.350 [2014-05-21 23:40:19.999998] sequence resumes: 3965729 to
3965729
2014-05-22 11:41:14.350 [2014-05-22 00:00:00.000000] Saving Configuration to Backup
Memory
2014-05-22 11:41:14.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-22 11:41:13
2014-05-22 11:46:43.190 [2014-05-22 11:38:18.000000] total packets received: 51548
2014-05-22 11:46:43.190 [2014-05-22 11:38:18.000000] command timeouts: 6
2014-05-22 11:46:43.190 [2014-05-22 11:38:18.000000] out of window: 51
2014-05-22 11:46:43.190 written: HHZ-1182 HH1-1409 HH2-1417 BDH-428 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-22 11:46:43.190 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-25 LH2-25 LDH-24
VMZ-2 VM1-2
2014-05-22 11:46:43.190 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-05-22 11:46:43.190 [2014-05-22 11:38:18.000000] Done: 4579 recs. seq end:
4008807. run: 325 s
2014-05-22 23:47:34.320
2014-05-22 23:47:34.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-22 23:47:34.320 Control Port 2491 Opened
2014-05-22 23:47:34.320 Baler ready on Ethernet
2014-05-22 23:47:34.320 Power Cycled Baler Acknowledged
2014-05-22 23:47:34.320 Commands Accepted by Q330

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2014-05-22 23:47:34.320 Access timeout: 300 sec  
 2014-05-22 23:47:34.320 Control Port 4023 Opened  
 2014-05-22 23:47:34.320 Data Port 4024 Opened  
 2014-05-22 23:47:34.320 Registered with Q330  
 2014-05-22 23:47:34.320 Combination Record Received  
 2014-05-22 23:47:34.320 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-22 23:47:34.320 Link Reset, starting window sequence: 7487  
 2014-05-22 23:47:34.320 GPS Receiver ID Received  
 2014-05-22 23:47:34.320 Manufacturer's Data Received, Property Tag=2017  
 2014-05-22 23:47:34.320 Digitizer Gain & Offsets Received  
 2014-05-22 23:47:34.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4579 recs.  
 seq end: 4008807  
 2014-05-22 23:47:34.320 Baler clock set to 2014-05-22 23:47:33  
 2014-05-22 23:47:34.320 Starting to Read DP Tokens  
 2014-05-22 23:47:34.320 DP Tokens loaded, size=1474 bytes  
 2014-05-22 23:47:34.320 webserver advertising 192.168.200.119:5380  
 2014-05-22 23:47:34.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-22 23:47:34.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-22 23:47:34.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-22 23:47:34.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-22 23:47:34.320 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-22 23:47:34.320 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-22 23:47:34.320 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-22 23:47:34.320 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-22 23:47:34.320 [2014-05-22 11:38:18.000000] continuity found: 4008807  
 454073898.000000 Q=100  
 2014-05-22 23:47:34.320 [2014-05-22 11:38:18.000000] restoring continuity  
 2014-05-22 23:47:34.320 Sending DT\_OPEN  
 2014-05-22 23:47:34.320 Station: XX-2017  
 2014-05-22 23:47:34.320 Q330 Serial Number: 0100000DB18FC351  
 2014-05-22 23:47:34.320 AMB Serial Number: 0100000B6909DD82  
 2014-05-22 23:47:34.320 Seismo 1 Serial Number: 0000000000000000  
 2014-05-22 23:47:34.320 Seismo 2 Serial Number: 0000000000000000  
 2014-05-22 23:47:34.320 QAPCHP 1 Serial Number: 4643206  
 2014-05-22 23:47:34.320 QAPCHP 2 Serial Number: 3743050  
 2014-05-22 23:47:34.320 KMI Property Tag Number: 2017  
 2014-05-22 23:47:34.320 System Software Version: 1.146  
 2014-05-22 23:47:34.320 Slave Processor Version: 1.11  
 2014-05-22 23:47:34.320 Calibrator Type: QCAL330  
 2014-05-22 23:47:34.320 Calibrator Version: 1.8  
 2014-05-22 23:47:34.320 Auxiliary Board Type: None  
 2014-05-22 23:47:34.320 Clock Type: Motorola M12  
 2014-05-22 23:47:34.320 PLD Version: 7.9  
 2014-05-22 23:47:34.320 Total Hours: 66268.23  
 2014-05-22 23:47:34.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-22 23:47:34.320 Total Number of Boots: 120  
 2014-05-22 23:47:34.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-22 23:47:34.320 Total Number of Re-Syncs: 213  
 2014-05-22 23:47:34.320 Status Inputs: 00000000  
 2014-05-22 23:47:34.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-22 23:47:34.320 Clock Quality: 100%  
 2014-05-22 23:47:34.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-22 23:47:34.320 Clock Phase: 1 usec. max allowed=50000  
 2014-05-22 23:47:34.320 Boom positions:  
 2014-05-22 23:47:34.320 ch1: -2 ch2: -7 ch3: -4 ch4: 20 ch5: 20 ch6: 20  
 2014-05-22 23:47:34.320 Analog Status  
 2014-05-22 23:47:34.320 Analog Positive Supply: 5.46V  
 2014-05-22 23:47:34.320 Input Voltage: 13.20V  
 2014-05-22 23:47:34.320 System Temperature: 5C  
 2014-05-22 23:47:34.320 Main Current: 61ma  
 2014-05-22 23:47:34.320 Antenna Current: 0ma  
 2014-05-22 23:47:34.320 GPS Status  
 2014-05-22 23:47:34.320 Time: 23:47:33

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2014-05-22 23:47:34.320 Date:  
 2014-05-22 23:47:34.320 Fix Type: 1-D  
 2014-05-22 23:47:34.320 Height:  
 2014-05-22 23:47:34.320 Latitude:  
 2014-05-22 23:47:34.320 Longitude:  
 2014-05-22 23:47:34.320 On Time: 0min  
 2014-05-22 23:47:34.320 Sat. Used: 0  
 2014-05-22 23:47:34.320 In View: 0  
 2014-05-22 23:47:34.320 Checksum Errors: 0  
 2014-05-22 23:47:34.320 Last GPS timemark: 2014-05-22 23:47:32  
 2014-05-22 23:47:34.320 PLL Status  
 2014-05-22 23:47:34.320 State: Lock  
 2014-05-22 23:47:34.320 Initial VCO: 2200.093750  
 2014-05-22 23:47:34.320 Time Error: 0.000000  
 2014-05-22 23:47:34.320 RMS VCO: 0.0000000  
 2014-05-22 23:47:34.320 Best VCO: 2200.10  
 2014-05-22 23:47:34.320 Seconds Since Track or Lock: 0.0  
 2014-05-22 23:47:34.320 Vco Control: 2200  
 2014-05-22 23:47:34.320 timing mode: external seascan  
 2014-05-22 23:47:34.320 tempco normal  
 2014-05-22 23:47:34.320 PLL update: 10s PLL lock criterion: 5us  
 2014-05-22 23:47:34.320 Pfrac: 150.00  
 2014-05-22 23:47:34.320 VCO slope: -0.0175000  
 2014-05-22 23:47:34.320 VCO intercept: 7.1100001  
 2014-05-22 23:47:34.320 Km delta: 600.0000000  
 2014-05-22 23:47:34.320 Logical Port 4 Status  
 2014-05-22 23:47:34.320 Data Packets Sent: 4661025  
 2014-05-22 23:47:34.320 Flood Packets Sent: 0  
 2014-05-22 23:47:34.320 Packets Re-Sent: 6411  
 2014-05-22 23:47:34.320 Sequence Errors: 0  
 2014-05-22 23:47:34.320 Packet Buffer Used: 24061428  
 2014-05-22 23:47:34.320 Physical Port: Ethernet  
 2014-05-22 23:47:34.320 Baler Model: 14 Software Version: 2.28  
 2014-05-22 23:47:34.320 MAC Address: 00:04:FB:00:02:EA  
 2014-05-22 23:47:34.320 Disk Size: 20000669696  
 2014-05-22 23:47:34.320 Percent of 1177 data files in use: 10.3  
 2014-05-22 23:47:34.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-22 23:47:34.320 Channel Sensitivities (uV per count):  
 2014-05-22 23:47:34.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-22 23:47:34.320 Digitizer Calibration Results:  
 2014-05-22 23:47:34.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-22 23:47:34.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-22 23:47:34.320 DMU1 Software Version=10  
 2014-05-22 23:47:34.320 Supply Voltage=12.7  
 2014-05-22 23:47:34.320 Supply Current=0.41  
 2014-05-22 23:47:34.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-22 23:47:34.320 WebLink Data Maps Restored  
 2014-05-22 23:47:34.320 [2014-05-22 11:38:18.000000] sequence resumes overlapping:  
 4008807 to 4008806  
 2014-05-22 23:47:34.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-22 23:47:33  
 2014-05-22 23:53:43.590 [2014-05-22 23:53:42.999998] total packets received: 66739  
 2014-05-22 23:53:43.590 [2014-05-22 23:53:42.999998] command timeouts: 6  
 2014-05-22 23:53:43.590 [2014-05-22 23:53:42.999998] out of window: 76  
 2014-05-22 23:53:43.590 written: HHZ-1278 HH1-1507 HH2-1581 BDH-440 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-05-22 23:53:43.590 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-26 LDH-24  
 VMZ-2 VM1-2  
 2014-05-22 23:53:43.590 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2  
 2014-05-22 23:53:43.590 [2014-05-22 23:53:42.999998] Done: 4953 recs. seq end:  
 4052932. run: 365 s  
 2014-05-23 11:54:37.360  
 2014-05-23 11:54:37.360 Quanterra Packet Baler Model 14 Restart. Version 2.28

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2014-05-23 11:54:37.360 Control Port 2491 Opened
2014-05-23 11:54:37.360 Baler ready on Ethernet
2014-05-23 11:54:37.360 Power Cycled Baler Acknowledged
2014-05-23 11:54:37.360 Commands Accepted by Q330
2014-05-23 11:54:37.360 Access timeout: 300 sec
2014-05-23 11:54:37.360 Control Port 4023 Opened
2014-05-23 11:54:37.360 Data Port 4024 Opened
2014-05-23 11:54:37.360 Registered with Q330
2014-05-23 11:54:37.360 Combination Record Received
2014-05-23 11:54:37.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-23 11:54:37.360 Link Reset, starting window sequence: 8577
2014-05-23 11:54:37.360 GPS Receiver ID Received
2014-05-23 11:54:37.360 Manufacturer's Data Received, Property Tag=2017
2014-05-23 11:54:37.360 Digitizer Gain & Offsets Received
2014-05-23 11:54:37.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4953 recs.
seq end: 4052932
2014-05-23 11:54:37.360 Baler clock set to 2014-05-23 11:54:36
2014-05-23 11:54:37.360 Starting to Read DP Tokens
2014-05-23 11:54:37.360 DP Tokens loaded, size=1474 bytes
2014-05-23 11:54:37.360 Webserver advertising 192.168.200.119:5380
2014-05-23 11:54:37.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-23 11:54:37.360 filters & delay HH1:2@100,Linear all=0.320000
2014-05-23 11:54:37.360 filters & delay HH2:3@100,Linear all=0.320000
2014-05-23 11:54:37.360 filters & delay BDH:4@20,Linear all=1.650000
2014-05-23 11:54:37.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-23 11:54:37.360 filters & delay LH1:2@1,Linear all=15.000000
2014-05-23 11:54:37.360 filters & delay LH2:3@1,Linear all=15.000000
2014-05-23 11:54:37.360 filters & delay LDH:4@1,Linear all=15.000000
2014-05-23 11:54:37.360 [2014-05-22 23:53:42.999998] continuity found: 4052932
454118023.000000 Q=100
2014-05-23 11:54:37.360 [2014-05-22 23:53:42.999998] restoring continuity
2014-05-23 11:54:37.360 Sending DT_OPEN
2014-05-23 11:54:37.360 Station: XX-2017
2014-05-23 11:54:37.360 Q330 Serial Number: 0100000DB18FC351
2014-05-23 11:54:37.360 AMB Serial Number: 0100000B6909DD82
2014-05-23 11:54:37.360 Seismo 1 Serial Number: 0000000000000000
2014-05-23 11:54:37.360 Seismo 2 Serial Number: 0000000000000000
2014-05-23 11:54:37.360 QAPCHP 1 Serial Number: 4643206
2014-05-23 11:54:37.360 QAPCHP 2 Serial Number: 3743050
2014-05-23 11:54:37.360 KMI Property Tag Number: 2017
2014-05-23 11:54:37.360 System Software Version: 1.146
2014-05-23 11:54:37.360 Slave Processor Version: 1.11
2014-05-23 11:54:37.360 Calibrator Type: QCAL330
2014-05-23 11:54:37.360 Calibrator Version: 1.8
2014-05-23 11:54:37.360 Auxiliary Board Type: None
2014-05-23 11:54:37.360 Clock Type: Motorola M12
2014-05-23 11:54:37.360 PLD Version: 7.9
2014-05-23 11:54:37.360 Total Hours: 66280.35
2014-05-23 11:54:37.360 Power On Hours: 30910.73
2014-05-23 11:54:37.360 Time of Last Boot: 2014-04-06 02:03:58
2014-05-23 11:54:37.360 Total Number of Boots: 120
2014-05-23 11:54:37.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-23 11:54:37.360 Total Number of Re-Syncs: 213
2014-05-23 11:54:37.360 Status Inputs: 00000000
2014-05-23 11:54:37.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-23 11:54:37.360 Clock Quality: 100%
2014-05-23 11:54:37.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-23 11:54:37.360 Clock Phase: 0 usec. max allowed=50000
2014-05-23 11:54:37.360 Boom positions:
2014-05-23 11:54:37.360 Ch1: -2 Ch2: -7 Ch3: -2 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-23 11:54:37.360 Analog Status
2014-05-23 11:54:37.360 Analog Positive Supply: 5.46V
2014-05-23 11:54:37.360 Input Voltage: 13.05V

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2014-05-23 11:54:37.360 System Temperature: 5C  
 2014-05-23 11:54:37.360 Main Current: 62ma  
 2014-05-23 11:54:37.360 Antenna Current: 0ma  
 2014-05-23 11:54:37.360 GPS Status  
 2014-05-23 11:54:37.360 Time: 11:54:36  
 2014-05-23 11:54:37.360 Date:  
 2014-05-23 11:54:37.360 Fix Type: 1-D  
 2014-05-23 11:54:37.360 Height:  
 2014-05-23 11:54:37.360 Latitude:  
 2014-05-23 11:54:37.360 Longitude:  
 2014-05-23 11:54:37.360 On Time: 0min  
 2014-05-23 11:54:37.360 Sat. Used: 0  
 2014-05-23 11:54:37.360 In View: 0  
 2014-05-23 11:54:37.360 Checksum Errors: 0  
 2014-05-23 11:54:37.360 Last GPS timemark: 2014-05-23 11:54:35  
 2014-05-23 11:54:37.360 PLL Status  
 2014-05-23 11:54:37.360 State: Lock  
 2014-05-23 11:54:37.360 Initial VCO: 2199.802490  
 2014-05-23 11:54:37.360 Time Error: 0.000000  
 2014-05-23 11:54:37.360 RMS VCO: 0.000000  
 2014-05-23 11:54:37.360 Best VCO: 2199.84  
 2014-05-23 11:54:37.360 Seconds Since Track or Lock: 0.0  
 2014-05-23 11:54:37.360 Vco Control: 2200  
 2014-05-23 11:54:37.360 timing mode: external seascan  
 2014-05-23 11:54:37.360 tempco normal  
 2014-05-23 11:54:37.360 PLL update: 10s PLL lock criterion: 5us  
 2014-05-23 11:54:37.360 Pfrac: 150.00  
 2014-05-23 11:54:37.360 VCO slope: -0.0175000  
 2014-05-23 11:54:37.360 VCO intercept: 7.1100001  
 2014-05-23 11:54:37.360 km delta: 600.0000000  
 2014-05-23 11:54:37.360 Logical Port 4 Status  
 2014-05-23 11:54:37.360 Data Packets Sent: 4727656  
 2014-05-23 11:54:37.360 Flood Packets Sent: 0  
 2014-05-23 11:54:37.360 Packets Re-Sent: 6503  
 2014-05-23 11:54:37.360 Sequence Errors: 0  
 2014-05-23 11:54:37.360 Packet Buffer Used: 22012068  
 2014-05-23 11:54:37.360 Physical Port: Ethernet  
 2014-05-23 11:54:37.360 Baler Model: 14 Software Version: 2.28  
 2014-05-23 11:54:37.360 MAC Address: 00:04:FB:00:02:EA  
 2014-05-23 11:54:37.360 Disk Size: 20000669696  
 2014-05-23 11:54:37.360 Percent of 1177 data files in use: 10.5  
 2014-05-23 11:54:37.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-23 11:54:37.360 Channel Sensitivities (uV per count):  
 2014-05-23 11:54:37.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-23 11:54:37.360 Digitizer Calibration Results:  
 2014-05-23 11:54:37.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-23 11:54:37.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-23 11:54:37.360 DMU1 Software Version=10  
 2014-05-23 11:54:37.360 Supply Voltage=12.7  
 2014-05-23 11:54:37.360 Supply Current=0.41  
 2014-05-23 11:54:37.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-23 11:54:37.360 webLink Data Maps Restored  
 2014-05-23 11:54:37.360 [2014-05-22 23:53:42.999998] sequence resumes: 4052932 to 4052932  
 2014-05-23 11:54:37.360 [2014-05-23 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-05-23 11:54:37.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-23 11:54:36  
 2014-05-23 12:00:04.220 Reducing Status Polling Interval  
 2014-05-23 12:00:04.220 [2014-05-23 12:00:03.999998] total packets received: 45626  
 2014-05-23 12:00:04.220 [2014-05-23 12:00:03.999998] command timeouts: 6  
 2014-05-23 12:00:04.220 [2014-05-23 12:00:03.999998] out of window: 63  
 2014-05-23 12:00:04.220 written: HHZ-1148 HH1-1374 HH2-1386 BDH-427 VEP-1 VEC-2

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VEA-1 VKI-1 VCO-1  
 2014-05-23 12:00:04.220 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-25 LDH-24  
 VMZ-1 VM1-1  
 2014-05-23 12:00:04.220 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-05-23 12:00:04.220 [2014-05-23 12:00:03.999998] Done: 4472 recs. seq end:  
 4096513. run: 322 s  
 2014-05-24 00:00:57.340  
 2014-05-24 00:00:57.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-24 00:00:57.340 Control Port 2491 Opened  
 2014-05-24 00:00:57.340 Baler ready on Ethernet  
 2014-05-24 00:00:57.340 Power Cycled Baler Acknowledged  
 2014-05-24 00:00:57.340 Access timeout: 300 sec  
 2014-05-24 00:00:57.340 Control Port 4023 Opened  
 2014-05-24 00:00:57.340 Data Port 4024 Opened  
 2014-05-24 00:00:57.340 Registered with Q330  
 2014-05-24 00:00:57.340 Combination Record Received  
 2014-05-24 00:00:57.340 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-24 00:00:57.340 Link Reset, starting window sequence: 54105  
 2014-05-24 00:00:57.340 GPS Receiver ID Received  
 2014-05-24 00:00:57.340 Manufacturer's Data Received, Property Tag=2017  
 2014-05-24 00:00:57.340 Digitizer Gain & Offsets Received  
 2014-05-24 00:00:57.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4472 recs.  
 seq end: 4096513  
 2014-05-24 00:00:57.340 Baler clock set to 2014-05-24 00:00:56  
 2014-05-24 00:00:57.340 Starting to Read DP Tokens  
 2014-05-24 00:00:57.340 DP Tokens loaded, size=1474 bytes  
 2014-05-24 00:00:57.340 Webserver advertising 192.168.200.119:5380  
 2014-05-24 00:00:57.340 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-24 00:00:57.340 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-24 00:00:57.340 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-24 00:00:57.340 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-24 00:00:57.340 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-24 00:00:57.340 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-24 00:00:57.340 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-24 00:00:57.340 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-24 00:00:57.340 [2014-05-23 12:00:03.999998] continuity found: 4096513  
 454161604.000000 Q=100  
 2014-05-24 00:00:57.340 [2014-05-23 12:00:03.999998] restoring continuity  
 2014-05-24 00:00:57.340 Sending DT\_OPEN  
 2014-05-24 00:00:57.340 Station: XX-2017  
 2014-05-24 00:00:57.340 Q330 Serial Number: 0100000DB18FC351  
 2014-05-24 00:00:57.340 AMB Serial Number: 0100000B6909DD82  
 2014-05-24 00:00:57.340 Seismo 1 Serial Number: 0000000000000000  
 2014-05-24 00:00:57.340 Seismo 2 Serial Number: 0000000000000000  
 2014-05-24 00:00:57.340 QAPCHP 1 Serial Number: 4643206  
 2014-05-24 00:00:57.340 QAPCHP 2 Serial Number: 3743050  
 2014-05-24 00:00:57.340 KMI Property Tag Number: 2017  
 2014-05-24 00:00:57.340 System Software Version: 1.146  
 2014-05-24 00:00:57.340 Slave Processor Version: 1.11  
 2014-05-24 00:00:57.340 Calibrator Type: QCAL330  
 2014-05-24 00:00:57.340 Calibrator Version: 1.8  
 2014-05-24 00:00:57.340 Auxiliary Board Type: None  
 2014-05-24 00:00:57.340 Clock Type: Motorola M12  
 2014-05-24 00:00:57.340 PLD Version: 7.9  
 2014-05-24 00:00:57.340 Total Hours: 66292.45  
 2014-05-24 00:00:57.340 Power On Hours: 30922.84  
 2014-05-24 00:00:57.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-24 00:00:57.340 Total Number of Boots: 120  
 2014-05-24 00:00:57.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-24 00:00:57.340 Total Number of Re-Syncs: 213  
 2014-05-24 00:00:57.340 Status Inputs: 00000000  
 2014-05-24 00:00:57.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-24 00:00:57.340 Clock Quality: 100%

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2014-05-24 00:00:57.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-24 00:00:57.340 Clock Phase: 0 usec. max allowed=50000
2014-05-24 00:00:57.340 Boom positions:
2014-05-24 00:00:57.340 ch1: -2 ch2: -9 ch3: -4 ch4: 20 ch5: 20 ch6: 20
2014-05-24 00:00:57.340 Analog Status
2014-05-24 00:00:57.340 Analog Positive Supply: 5.46V
2014-05-24 00:00:57.340 Input Voltage: 13.20V
2014-05-24 00:00:57.340 System Temperature: 5C
2014-05-24 00:00:57.340 Main Current: 62ma
2014-05-24 00:00:57.340 Antenna Current: 0ma
2014-05-24 00:00:57.340 GPS Status
2014-05-24 00:00:57.340 Time: 00:00:56
2014-05-24 00:00:57.340 Date:
2014-05-24 00:00:57.340 Fix Type: 1-D
2014-05-24 00:00:57.340 Height:
2014-05-24 00:00:57.340 Latitude:
2014-05-24 00:00:57.340 Longitude:
2014-05-24 00:00:57.340 On Time: 0min
2014-05-24 00:00:57.340 Sat. Used: 0
2014-05-24 00:00:57.340 In View: 0
2014-05-24 00:00:57.340 Checksum Errors: 0
2014-05-24 00:00:57.340 Last GPS timemark: 2014-05-24 00:00:55
2014-05-24 00:00:57.340 PLL Status
2014-05-24 00:00:57.340 State: Lock
2014-05-24 00:00:57.340 Initial VCO: 2199.815430
2014-05-24 00:00:57.340 Time Error: 0.000000
2014-05-24 00:00:57.340 RMS VCO: 0.0000000
2014-05-24 00:00:57.340 Best VCO: 2199.81
2014-05-24 00:00:57.340 Seconds Since Track or Lock: 0.0
2014-05-24 00:00:57.340 Vco Control: 2200
2014-05-24 00:00:57.340 timing mode: external seascan
2014-05-24 00:00:57.340 tempco normal
2014-05-24 00:00:57.340 PLL update: 10s PLL lock criterion: 5us
2014-05-24 00:00:57.340 Pfrac: 150.00
2014-05-24 00:00:57.340 VCO slope: -0.0175000
2014-05-24 00:00:57.340 VCO intercept: 7.1100001
2014-05-24 00:00:57.340 Km delta: 600.0000000
2014-05-24 00:00:57.340 Logical Port 4 Status
2014-05-24 00:00:57.340 Data Packets Sent: 4773189
2014-05-24 00:00:57.340 Flood Packets Sent: 0
2014-05-24 00:00:57.340 Packets Re-Sent: 6581
2014-05-24 00:00:57.340 Sequence Errors: 0
2014-05-24 00:00:57.340 Packet Buffer Used: 23035348
2014-05-24 00:00:57.340 Physical Port: Ethernet
2014-05-24 00:00:57.340 Baler Model: 14 Software Version: 2.28
2014-05-24 00:00:57.340 MAC Address: 00:04:FB:00:02:EA
2014-05-24 00:00:57.340 Disk Size: 20000669696
2014-05-24 00:00:57.340 Percent of 1177 data files in use: 10.5
2014-05-24 00:00:57.340 Channels Enabled: 1234 Preamps ON channels:
2014-05-24 00:00:57.340 Channel Sensitivities (uV per count):
2014-05-24 00:00:57.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-24 00:00:57.340 Digitizer Calibration Results:
2014-05-24 00:00:57.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-24 00:00:57.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-24 00:00:57.340 DMU1 Software Version=10
2014-05-24 00:00:57.340 Supply Voltage=12.7
2014-05-24 00:00:57.340 Supply Current=0.41
2014-05-24 00:00:57.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-24 00:00:57.340 webLink Data Maps Restored
2014-05-24 00:00:57.340 [2014-05-23 12:00:03.999998] sequence resumes: 4096513 to
4096513
2014-05-24 00:00:57.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-05-24 00:00:56

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2014-05-24 00:06:34.630 [2014-05-24 00:00:00.000000] Saving Configuration to Backup Memory  
2014-05-24 00:06:34.630 Reducing Status Polling Interval  
2014-05-24 00:06:34.630 [2014-05-24 00:06:38.999998] total packets received: 53796  
2014-05-24 00:06:34.630 [2014-05-24 00:06:38.999998] command timeouts: 6  
2014-05-24 00:06:34.630 [2014-05-24 00:06:38.999998] out of window: 62  
2014-05-24 00:06:34.630 written: HHZ-1200 HH1-1457 HH2-1481 BDH-437 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-05-24 00:06:34.630 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-25 LH2-26 LDH-24  
VMZ-2 VM1-2  
2014-05-24 00:06:34.630 written: VM2-2 LOG-2 ACE-2 OCF-2  
2014-05-24 00:06:34.630 [2014-05-24 00:06:38.999998] Done: 4718 recs. seq end: 4140108. run: 338 s  
2014-05-24 12:07:32.360  
2014-05-24 12:07:32.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-05-24 12:07:32.360 Control Port 2491 Opened  
2014-05-24 12:07:32.360 Baler ready on Ethernet  
2014-05-24 12:07:32.360 Power Cycled Baler Acknowledged  
2014-05-24 12:07:32.360 Commands Accepted by Q330  
2014-05-24 12:07:32.360 Access timeout: 300 sec  
2014-05-24 12:07:32.360 Control Port 4023 Opened  
2014-05-24 12:07:32.360 Data Port 4024 Opened  
2014-05-24 12:07:32.360 Registered with Q330  
2014-05-24 12:07:32.360 Combination Record Received  
2014-05-24 12:07:32.360 Window=4 Min. Timeout=10 Max. Timeout=30  
2014-05-24 12:07:32.360 Link Reset, starting window sequence: 42267  
2014-05-24 12:07:32.360 GPS Receiver ID Received  
2014-05-24 12:07:32.360 Manufacturer's Data Received, Property Tag=2017  
2014-05-24 12:07:32.360 Digitizer Gain & Offsets Received  
2014-05-24 12:07:32.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4718 recs. seq end: 4140108  
2014-05-24 12:07:32.360 Baler clock set to 2014-05-24 12:07:31  
2014-05-24 12:07:32.360 Starting to Read DP Tokens  
2014-05-24 12:07:32.360 DP Tokens loaded, size=1474 bytes  
2014-05-24 12:07:32.360 webserver advertising 192.168.200.119:5380  
2014-05-24 12:07:32.360 filters & delay HHZ:1@100,Linear all=0.320000  
2014-05-24 12:07:32.360 filters & delay HH1:2@100,Linear all=0.320000  
2014-05-24 12:07:32.360 filters & delay HH2:3@100,Linear all=0.320000  
2014-05-24 12:07:32.360 filters & delay BDH:4@20,Linear all=1.650000  
2014-05-24 12:07:32.360 filters & delay LHZ:1@1,Linear all=15.000000  
2014-05-24 12:07:32.360 filters & delay LH1:2@1,Linear all=15.000000  
2014-05-24 12:07:32.360 filters & delay LH2:3@1,Linear all=15.000000  
2014-05-24 12:07:32.360 filters & delay LDH:4@1,Linear all=15.000000  
2014-05-24 12:07:32.360 [2014-05-24 00:06:38.999998] continuity found: 4140108  
454205199.000000 Q=100  
2014-05-24 12:07:32.360 [2014-05-24 00:06:38.999998] restoring continuity  
2014-05-24 12:07:32.360 Sending DT\_OPEN  
2014-05-24 12:07:32.360 Station: XX-2017  
2014-05-24 12:07:32.360 Q330 Serial Number: 0100000DB18FC351  
2014-05-24 12:07:32.360 AMB Serial Number: 0100000B6909DD82  
2014-05-24 12:07:32.360 Seismo 1 Serial Number: 0000000000000000  
2014-05-24 12:07:32.360 Seismo 2 Serial Number: 0000000000000000  
2014-05-24 12:07:32.360 QAPCHP 1 Serial Number: 4643206  
2014-05-24 12:07:32.360 QAPCHP 2 Serial Number: 3743050  
2014-05-24 12:07:32.360 KMI Property Tag Number: 2017  
2014-05-24 12:07:32.360 System Software Version: 1.146  
2014-05-24 12:07:32.360 Slave Processor Version: 1.11  
2014-05-24 12:07:32.360 Calibrator Type: QCAL330  
2014-05-24 12:07:32.360 Calibrator Version: 1.8  
2014-05-24 12:07:32.360 Auxiliary Board Type: None  
2014-05-24 12:07:32.360 Clock Type: Motorola M12  
2014-05-24 12:07:32.360 PLD Version: 7.9  
2014-05-24 12:07:32.360 Total Hours: 66304.56

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2014-05-24 12:07:32.360 Power On Hours: 30934.95  
 2014-05-24 12:07:32.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-24 12:07:32.360 Total Number of Boots: 120  
 2014-05-24 12:07:32.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-24 12:07:32.360 Total Number of Re-Syncs: 213  
 2014-05-24 12:07:32.360 Status Inputs: 00000000  
 2014-05-24 12:07:32.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-05-24 12:07:32.360 Clock Quality: 100%  
 2014-05-24 12:07:32.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-24 12:07:32.360 Clock Phase: 0 usec. max allowed=50000  
 2014-05-24 12:07:32.360 Boom positions:  
 2014-05-24 12:07:32.360 Ch1: -2 Ch2: -9 Ch3: -5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-24 12:07:32.360 Analog Status  
 2014-05-24 12:07:32.360 Analog Positive Supply: 5.46v  
 2014-05-24 12:07:32.360 Input Voltage: 13.35V  
 2014-05-24 12:07:32.360 System Temperature: 5C  
 2014-05-24 12:07:32.360 Main Current: 61ma  
 2014-05-24 12:07:32.360 Antenna Current: 0ma  
 2014-05-24 12:07:32.360 GPS Status  
 2014-05-24 12:07:32.360 Time: 12:07:31  
 2014-05-24 12:07:32.360 Date:  
 2014-05-24 12:07:32.360 Fix Type: 1-D  
 2014-05-24 12:07:32.360 Height:  
 2014-05-24 12:07:32.360 Latitude:  
 2014-05-24 12:07:32.360 Longitude:  
 2014-05-24 12:07:32.360 On Time: 0min  
 2014-05-24 12:07:32.360 Sat. Used: 0  
 2014-05-24 12:07:32.360 In View: 0  
 2014-05-24 12:07:32.360 Checksum Errors: 0  
 2014-05-24 12:07:32.360 Last GPS timemark: 2014-05-24 12:07:30  
 2014-05-24 12:07:32.360 PLL Status  
 2014-05-24 12:07:32.360 State: Lock  
 2014-05-24 12:07:32.360 Initial VCO: 2200.006104  
 2014-05-24 12:07:32.360 Time Error: 0.000000  
 2014-05-24 12:07:32.360 RMS VCO: 0.0000000  
 2014-05-24 12:07:32.360 Best VCO: 2200.00  
 2014-05-24 12:07:32.360 Seconds Since Track or Lock: 0.0  
 2014-05-24 12:07:32.360 Vco Control: 2200  
 2014-05-24 12:07:32.360 timing mode: external seascan  
 2014-05-24 12:07:32.360 PLL update: 10s PLL lock criterion: 5us  
 2014-05-24 12:07:32.360 Pfrac: 150.00  
 2014-05-24 12:07:32.360 VCO slope: -0.0175000  
 2014-05-24 12:07:32.360 VCO intercept: 7.1100001  
 2014-05-24 12:07:32.360 Km delta: 600.0000000  
 2014-05-24 12:07:32.360 Logical Port 4 Status  
 2014-05-24 12:07:32.360 Data Packets Sent: 4826892  
 2014-05-24 12:07:32.360 Flood Packets Sent: 0  
 2014-05-24 12:07:32.360 Packets Re-Sent: 6658  
 2014-05-24 12:07:32.360 Sequence Errors: 0  
 2014-05-24 12:07:32.360 Packet Buffer Used: 22645016  
 2014-05-24 12:07:32.360 Physical Port: Ethernet  
 2014-05-24 12:07:32.360 Baler Model: 14 Software version: 2.28  
 2014-05-24 12:07:32.360 MAC Address: 00:04:FB:00:02:EA  
 2014-05-24 12:07:32.360 Disk Size: 20000669696  
 2014-05-24 12:07:32.360 Percent of 1177 data files in use: 10.6  
 2014-05-24 12:07:32.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-24 12:07:32.360 Channel sensitivities (uV per count):  
 2014-05-24 12:07:32.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-24 12:07:32.360 Digitizer Calibration Results:  
 2014-05-24 12:07:32.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-24 12:07:32.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-24 12:07:32.360 DMU1 Software Version=10  
 2014-05-24 12:07:32.360 Supply Voltage=12.7

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2014-05-24 12:07:32.360 Supply Current=0.41  
 2014-05-24 12:07:32.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-24 12:07:32.360 WebLink Data Maps Restored  
 2014-05-24 12:07:32.360 [2014-05-24 00:06:38.999998] sequence resumes: 4140108 to 4140108  
 2014-05-24 12:07:32.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-24 12:07:31  
 2014-05-24 12:13:01.750 [2014-05-24 12:08:43.999998] total packets received: 51824  
 2014-05-24 12:13:01.750 [2014-05-24 12:08:43.999998] command timeouts: 6  
 2014-05-24 12:13:01.750 [2014-05-24 12:08:43.999998] out of window: 50  
 2014-05-24 12:13:01.750 written: HHZ-1177 HH1-1397 HH2-1452 BDH-433 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-24 12:13:01.750 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-25 LH2-25 LDH-24  
 VMZ-2 VM1-2  
 2014-05-24 12:13:01.750 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2014-05-24 12:13:01.750 [2014-05-24 12:08:43.999998] Done: 4604 recs. seq end: 4183433. run: 325 s  
 2014-05-25 00:13:54.370  
 2014-05-25 00:13:54.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-25 00:13:54.370 Control Port 2491 Opened  
 2014-05-25 00:13:54.370 Baler ready on Ethernet  
 2014-05-25 00:13:54.370 Power Cycled Baler Acknowledged  
 2014-05-25 00:13:54.370 Commands Accepted by Q330  
 2014-05-25 00:13:54.370 Access timeout: 300 sec  
 2014-05-25 00:13:54.370 Control Port 4023 Opened  
 2014-05-25 00:13:54.370 Data Port 4024 Opened  
 2014-05-25 00:13:54.370 Registered with Q330  
 2014-05-25 00:13:54.370 Combination Record Received  
 2014-05-25 00:13:54.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-25 00:13:54.370 Link Reset, starting window sequence: 28468  
 2014-05-25 00:13:54.370 GPS Receiver ID Received  
 2014-05-25 00:13:54.370 Manufacturer's Data Received, Property Tag=2017  
 2014-05-25 00:13:54.370 Digitizer Gain & Offsets Received  
 2014-05-25 00:13:54.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4604 recs. seq end: 4183433  
 2014-05-25 00:13:54.370 Baler clock set to 2014-05-25 00:13:53  
 2014-05-25 00:13:54.370 Starting to Read DP Tokens  
 2014-05-25 00:13:54.370 DP Tokens loaded, size=1474 bytes  
 2014-05-25 00:13:54.370 Webserver advertising 192.168.200.119:5380  
 2014-05-25 00:13:54.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-25 00:13:54.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-25 00:13:54.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-25 00:13:54.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-25 00:13:54.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-25 00:13:54.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-25 00:13:54.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-25 00:13:54.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-25 00:13:54.370 [2014-05-24 12:08:43.999998] continuity found: 4183433  
 454248524.000000 Q=100  
 2014-05-25 00:13:54.370 [2014-05-24 12:08:43.999998] restoring continuity  
 2014-05-25 00:13:54.370 Sending DT\_OPEN  
 2014-05-25 00:13:54.370 Station: XX-2017  
 2014-05-25 00:13:54.370 Q330 Serial Number: 0100000DB18FC351  
 2014-05-25 00:13:54.370 AMB Serial Number: 0100000B6909DD82  
 2014-05-25 00:13:54.370 Seismo 1 Serial Number: 0000000000000000  
 2014-05-25 00:13:54.370 Seismo 2 Serial Number: 0000000000000000  
 2014-05-25 00:13:54.370 QAPCHP 1 Serial Number: 4643206  
 2014-05-25 00:13:54.370 QAPCHP 2 Serial Number: 3743050  
 2014-05-25 00:13:54.370 KMI Property Tag Number: 2017  
 2014-05-25 00:13:54.370 System Software Version: 1.146  
 2014-05-25 00:13:54.370 Slave Processor Version: 1.11  
 2014-05-25 00:13:54.370 Calibrator Type: QCAL330  
 2014-05-25 00:13:54.370 Calibrator Version: 1.8

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2014-05-25 00:13:54.370 Auxiliary Board Type: None  
 2014-05-25 00:13:54.370 Clock Type: Motorola M12  
 2014-05-25 00:13:54.370 PLD Version: 7.9  
 2014-05-25 00:13:54.370 Total Hours: 66316.67  
 2014-05-25 00:13:54.370 Power On Hours: 30947.05  
 2014-05-25 00:13:54.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-25 00:13:54.370 Total Number of Boots: 120  
 2014-05-25 00:13:54.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-25 00:13:54.370 Total Number of Re-Syncs: 213  
 2014-05-25 00:13:54.370 Status Inputs: 00000000  
 2014-05-25 00:13:54.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-25 00:13:54.370 Clock Quality: 100%  
 2014-05-25 00:13:54.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-25 00:13:54.370 Clock Phase: 0 usec. max allowed=50000  
 2014-05-25 00:13:54.370 Boom positions:  
 2014-05-25 00:13:54.370 ch1: -2 ch2: -11 ch3: -5 ch4: 20 ch5: 20 ch6: 20  
 2014-05-25 00:13:54.370 Analog Status  
 2014-05-25 00:13:54.370 Analog Positive Supply: 5.46V  
 2014-05-25 00:13:54.370 Input Voltage: 13.35V  
 2014-05-25 00:13:54.370 System Temperature: 5C  
 2014-05-25 00:13:54.370 Main Current: 62ma  
 2014-05-25 00:13:54.370 Antenna Current: 0ma  
 2014-05-25 00:13:54.370 GPS Status  
 2014-05-25 00:13:54.370 Time: 00:13:53  
 2014-05-25 00:13:54.370 Date:  
 2014-05-25 00:13:54.370 Fix Type: 1-D  
 2014-05-25 00:13:54.370 Height:  
 2014-05-25 00:13:54.370 Latitude:  
 2014-05-25 00:13:54.370 Longitude:  
 2014-05-25 00:13:54.370 On Time: 0min  
 2014-05-25 00:13:54.370 Sat. Used: 0  
 2014-05-25 00:13:54.370 In View: 0  
 2014-05-25 00:13:54.370 Checksum Errors: 0  
 2014-05-25 00:13:54.370 Last GPS timemark: 2014-05-25 00:13:52  
 2014-05-25 00:13:54.370 PLL Status  
 2014-05-25 00:13:54.370 State: Lock  
 2014-05-25 00:13:54.370 Initial VCO: 2199.968750  
 2014-05-25 00:13:54.370 Time Error: 0.000000  
 2014-05-25 00:13:54.370 RMS VCO: 0.0000000  
 2014-05-25 00:13:54.370 Best VCO: 2199.98  
 2014-05-25 00:13:54.370 Seconds Since Track or Lock: 0.0  
 2014-05-25 00:13:54.370 Vco Control: 2200  
 2014-05-25 00:13:54.370 timing mode: external seascan  
 2014-05-25 00:13:54.370 tempco normal  
 2014-05-25 00:13:54.370 PLL update: 10s PLL lock criterion: 5us  
 2014-05-25 00:13:54.370 Pfrac: 150.00  
 2014-05-25 00:13:54.370 VCO slope: -0.0175000  
 2014-05-25 00:13:54.370 VCO intercept: 7.1100001  
 2014-05-25 00:13:54.370 km delta: 600.0000000  
 2014-05-25 00:13:54.370 Logical Port 4 Status  
 2014-05-25 00:13:54.370 Data Packets Sent: 4878636  
 2014-05-25 00:13:54.370 Flood Packets Sent: 0  
 2014-05-25 00:13:54.370 Packets Re-Sent: 6724  
 2014-05-25 00:13:54.370 Sequence Errors: 0  
 2014-05-25 00:13:54.370 Packet Buffer Used: 22964564  
 2014-05-25 00:13:54.370 Physical Port: Ethernet  
 2014-05-25 00:13:54.370 Baler Model: 14 Software Version: 2.28  
 2014-05-25 00:13:54.370 MAC Address: 00:04:FB:00:02:EA  
 2014-05-25 00:13:54.370 Disk Size: 20000669696  
 2014-05-25 00:13:54.370 Percent of 1177 data files in use: 10.7  
 2014-05-25 00:13:54.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-25 00:13:54.370 Channel sensitivities (uV per count):  
 2014-05-25 00:13:54.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2014-05-25 00:13:54.370 Digitizer Calibration Results:
2014-05-25 00:13:54.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-25 00:13:54.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-25 00:13:54.370 DMU1 Software Version=10
2014-05-25 00:13:54.370 Supply Voltage=12.6
2014-05-25 00:13:54.370 Supply Current=0.41
2014-05-25 00:13:54.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-25 00:13:54.370 WebLink Data Maps Restored
2014-05-25 00:13:54.370 [2014-05-24 12:08:43.999998] sequence resumes overlapping:
4183433 to 4183432
2014-05-25 00:13:54.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-25 00:13:53
2014-05-25 00:19:29.470 [2014-05-25 00:00:00.000000] saving Configuration to Backup
Memory
2014-05-25 00:19:29.470 Reducing Status Polling Interval
2014-05-25 00:19:29.470 [2014-05-25 00:19:37.999998] total packets received: 52013
2014-05-25 00:19:29.470 [2014-05-25 00:19:37.999998] command timeouts: 6
2014-05-25 00:19:29.470 [2014-05-25 00:19:37.999998] out of window: 74
2014-05-25 00:19:29.470 written: HHZ-1199 HH1-1440 HH2-1475 BDH-446 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-05-25 00:19:29.470 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-25
VMZ-1 VM1-1
2014-05-25 00:19:29.470 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-3
2014-05-25 00:19:29.470 [2014-05-25 00:19:37.999998] Done: 4697 recs. seq end:
4227287. run: 340 s
2014-05-25 12:20:31.310
2014-05-25 12:20:31.310 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-25 12:20:31.310 Control Port 2491 Opened
2014-05-25 12:20:31.310 Baler ready on Ethernet
2014-05-25 12:20:31.310 Power Cycled Baler Acknowledged
2014-05-25 12:20:31.310 Commands Accepted by Q330
2014-05-25 12:20:31.310 Access timeout: 300 sec
2014-05-25 12:20:31.310 Control Port 4023 Opened
2014-05-25 12:20:31.310 Data Port 4024 Opened
2014-05-25 12:20:31.310 Registered with Q330
2014-05-25 12:20:31.310 Combination Record Received
2014-05-25 12:20:31.310 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-25 12:20:31.310 Link Reset, starting window sequence: 14834
2014-05-25 12:20:31.310 GPS Receiver ID Received
2014-05-25 12:20:31.310 Manufacturer's Data Received, Property Tag=2017
2014-05-25 12:20:31.310 Digitizer Gain & Offsets Received
2014-05-25 12:20:31.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4697 recs.
seq end: 4227287
2014-05-25 12:20:31.310 Baler clock set to 2014-05-25 12:20:30
2014-05-25 12:20:31.310 Starting to Read DP Tokens
2014-05-25 12:20:31.310 DP Tokens loaded, size=1474 bytes
2014-05-25 12:20:31.310 webserver advertising 192.168.200.119:5380
2014-05-25 12:20:31.310 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-25 12:20:31.310 filters & delay HH1:2@100,Linear all=0.320000
2014-05-25 12:20:31.310 filters & delay HH2:3@100,Linear all=0.320000
2014-05-25 12:20:31.310 filters & delay BDH:4@20,Linear all=1.650000
2014-05-25 12:20:31.310 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-25 12:20:31.310 filters & delay LH1:2@1,Linear all=15.000000
2014-05-25 12:20:31.310 filters & delay LH2:3@1,Linear all=15.000000
2014-05-25 12:20:31.310 filters & delay LDH:4@1,Linear all=15.000000
2014-05-25 12:20:31.310 [2014-05-25 00:19:37.999998] continuity found: 4227287
454292378.000000 Q=100
2014-05-25 12:20:31.310 [2014-05-25 00:19:37.999998] restoring continuity
2014-05-25 12:20:31.310 Sending DT_OPEN
2014-05-25 12:20:31.310 Station: XX-2017
2014-05-25 12:20:31.310 Q330 Serial Number: 0100000DB18FC351
2014-05-25 12:20:31.310 AMB Serial Number: 0100000B6909DD82
2014-05-25 12:20:31.310 Seismo 2 Serial Number: 0000000000000000

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2014-05-25 12:20:31.310 QAPCHP 1 Serial Number: 4643206  
 2014-05-25 12:20:31.310 QAPCHP 2 Serial Number: 3743050  
 2014-05-25 12:20:31.310 KMI Property Tag Number: 2017  
 2014-05-25 12:20:31.310 System Software Version: 1.146  
 2014-05-25 12:20:31.310 Slave Processor Version: 1.11  
 2014-05-25 12:20:31.310 Calibrator Type: QCAL330  
 2014-05-25 12:20:31.310 Calibrator Version: 1.8  
 2014-05-25 12:20:31.310 Auxiliary Board Type: None  
 2014-05-25 12:20:31.310 Clock Type: Motorola M12  
 2014-05-25 12:20:31.310 PLD Version: 7.9  
 2014-05-25 12:20:31.310 Total Hours: 66328.78  
 2014-05-25 12:20:31.310 Power On Hours: 30959.16  
 2014-05-25 12:20:31.310 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-25 12:20:31.310 Total Number of Boots: 120  
 2014-05-25 12:20:31.310 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-25 12:20:31.310 Total Number of Re-Syncs: 213  
 2014-05-25 12:20:31.310 Status Inputs: 00000000  
 2014-05-25 12:20:31.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-25 12:20:31.310 Clock Quality: 100%  
 2014-05-25 12:20:31.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-25 12:20:31.310 Clock Phase: 0 usec. max allowed=50000  
 2014-05-25 12:20:31.310 Boom positions:  
 2014-05-25 12:20:31.310 ch1: -2 ch2: -11 ch3: -6 ch4: 20 ch5: 20 ch6: 20  
 2014-05-25 12:20:31.310 Analog Status  
 2014-05-25 12:20:31.310 Analog Positive Supply: 5.46V  
 2014-05-25 12:20:31.310 Input Voltage: 13.35V  
 2014-05-25 12:20:31.310 System Temperature: 5C  
 2014-05-25 12:20:31.310 Main Current: 62ma  
 2014-05-25 12:20:31.310 Antenna Current: 0ma  
 2014-05-25 12:20:31.310 GPS Status  
 2014-05-25 12:20:31.310 Time: 12:20:30  
 2014-05-25 12:20:31.310 Date:  
 2014-05-25 12:20:31.310 Fix Type: 1-D  
 2014-05-25 12:20:31.310 Height:  
 2014-05-25 12:20:31.310 Latitude:  
 2014-05-25 12:20:31.310 Longitude:  
 2014-05-25 12:20:31.310 On Time: 0min  
 2014-05-25 12:20:31.310 Sat. Used: 0  
 2014-05-25 12:20:31.310 In View: 0  
 2014-05-25 12:20:31.310 Checksum Errors: 0  
 2014-05-25 12:20:31.310 Last GPS timemark: 2014-05-25 12:20:29  
 2014-05-25 12:20:31.310 PLL Status  
 2014-05-25 12:20:31.310 State: Lock  
 2014-05-25 12:20:31.310 Initial VCO: 2199.933594  
 2014-05-25 12:20:31.310 Time Error: 0.000000  
 2014-05-25 12:20:31.310 RMS VCO: 0.0000000  
 2014-05-25 12:20:31.310 Best VCO: 2199.88  
 2014-05-25 12:20:31.310 Seconds Since Track or Lock: 0.0  
 2014-05-25 12:20:31.310 vco Control: 2200  
 2014-05-25 12:20:31.310 timing mode: external seascan  
 2014-05-25 12:20:31.310 tempco normal  
 2014-05-25 12:20:31.310 PLL update: 10s PLL lock criterion: 5us  
 2014-05-25 12:20:31.310 Pfrac: 150.00  
 2014-05-25 12:20:31.310 VCO slope: -0.0175000  
 2014-05-25 12:20:31.310 VCO intercept: 7.1100001  
 2014-05-25 12:20:31.310 km delta: 600.0000000  
 2014-05-25 12:20:31.310 Logical Port 4 Status  
 2014-05-25 12:20:31.310 Data Packets Sent: 4930544  
 2014-05-25 12:20:31.310 Flood Packets Sent: 0  
 2014-05-25 12:20:31.310 Packets Re-Sent: 6812  
 2014-05-25 12:20:31.310 Sequence Errors: 0  
 2014-05-25 12:20:31.310 Packet Buffer Used: 22519648  
 2014-05-25 12:20:31.310 Physical Port: Ethernet

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2014-05-25 12:20:31.310 Baler Model: 14 Software Version: 2.28
2014-05-25 12:20:31.310 MAC Address: 00:04:FB:00:02:EA
2014-05-25 12:20:31.310 Disk Size: 20000669696
2014-05-25 12:20:31.310 Percent of 1177 data files in use: 10.8
2014-05-25 12:20:31.310 Channels Enabled: 1234 Preamps ON channels:
2014-05-25 12:20:31.310 Channel Sensitivities (uV per count):
2014-05-25 12:20:31.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-25 12:20:31.310 Digitizer Calibration Results:
2014-05-25 12:20:31.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-25 12:20:31.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-25 12:20:31.310 DMU1 Software Version=10
2014-05-25 12:20:31.310 Supply Voltage=12.7
2014-05-25 12:20:31.310 Supply Current=0.40
2014-05-25 12:20:31.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-25 12:20:31.310 WebLink Data Maps Restored
2014-05-25 12:20:31.310 [2014-05-25 00:19:37.999998] sequence resumes: 4227287 to
4227287
2014-05-25 12:20:31.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-25 12:20:30
2014-05-25 12:25:24.510 Reducing Status Polling Interval
2014-05-25 12:25:24.510 [2014-05-25 12:23:19.000000] total packets received: 48734
2014-05-25 12:25:24.510 [2014-05-25 12:23:19.000000] command timeouts: 6
2014-05-25 12:25:24.510 [2014-05-25 12:23:19.000000] out of window: 53
2014-05-25 12:25:24.510 written: HHZ-1173 HH1-1385 HH2-1443 BDH-436 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-05-25 12:25:24.510 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-05-25 12:25:24.510 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1
2014-05-25 12:25:24.510 [2014-05-25 12:23:19.000000] Done: 4581 recs. seq end:
4270708. run: 325 s
2014-05-26 00:26:53.320
2014-05-26 00:26:53.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-26 00:26:53.320 Control Port 2491 Opened
2014-05-26 00:26:53.320 Baler ready on Ethernet
2014-05-26 00:26:53.320 Power Cycled Baler Acknowledged
2014-05-26 00:26:53.320 Commands Accepted by Q330
2014-05-26 00:26:53.320 Access timeout: 300 sec
2014-05-26 00:26:53.320 Control Port 4023 Opened
2014-05-26 00:26:53.320 Data Port 4024 Opened
2014-05-26 00:26:53.320 Registered with Q330
2014-05-26 00:26:53.320 Combination Record Received
2014-05-26 00:26:53.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-26 00:26:53.320 Link Reset, starting window sequence: 63472
2014-05-26 00:26:53.320 GPS Receiver ID Received
2014-05-26 00:26:53.320 Manufacturer's Data Received, Property Tag=2017
2014-05-26 00:26:53.320 Digitizer Gain & Offsets Received
2014-05-26 00:26:53.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4581 recs.
seq end: 4270708
2014-05-26 00:26:53.320 Baler clock set to 2014-05-26 00:26:52
2014-05-26 00:26:53.320 Starting to Read DP Tokens
2014-05-26 00:26:53.320 DP Tokens loaded, size=1474 bytes
2014-05-26 00:26:53.320 webserver advertising 192.168.200.119:5380
2014-05-26 00:26:53.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-26 00:26:53.320 filters & delay HH1:2@100,Linear all=0.320000
2014-05-26 00:26:53.320 filters & delay HH2:3@100,Linear all=0.320000
2014-05-26 00:26:53.320 filters & delay BDH:4@20,Linear all=1.650000
2014-05-26 00:26:53.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-26 00:26:53.320 filters & delay LH1:2@1,Linear all=15.000000
2014-05-26 00:26:53.320 filters & delay LH2:3@1,Linear all=15.000000
2014-05-26 00:26:53.320 filters & delay LDH:4@1,Linear all=15.000000
2014-05-26 00:26:53.320 [2014-05-25 12:23:19.000000] continuity found: 4270708
454335799.000000 Q=100
2014-05-26 00:26:53.320 [2014-05-25 12:23:19.000000] restoring continuity

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2014-05-26 00:26:53.320 Sending DT\_OPEN  
 2014-05-26 00:26:53.320 Station: XX-2017  
 2014-05-26 00:26:53.320 Q330 Serial Number: 0100000DB18FC351  
 2014-05-26 00:26:53.320 AMB Serial Number: 0100000B6909DD82  
 2014-05-26 00:26:53.320 Seismo 1 Serial Number: 0000000000000000  
 2014-05-26 00:26:53.320 Seismo 2 Serial Number: 0000000000000000  
 2014-05-26 00:26:53.320 QAPCHP 1 Serial Number: 4643206  
 2014-05-26 00:26:53.320 QAPCHP 2 Serial Number: 3743050  
 2014-05-26 00:26:53.320 KMI Property Tag Number: 2017  
 2014-05-26 00:26:53.320 System Software Version: 1.146  
 2014-05-26 00:26:53.320 Slave Processor Version: 1.11  
 2014-05-26 00:26:53.320 Calibrator Type: QCAL330  
 2014-05-26 00:26:53.320 Calibrator Version: 1.8  
 2014-05-26 00:26:53.320 Auxiliary Board Type: None  
 2014-05-26 00:26:53.320 Clock Type: Motorola M12  
 2014-05-26 00:26:53.320 PLD Version: 7.9  
 2014-05-26 00:26:53.320 Total Hours: 66340.89  
 2014-05-26 00:26:53.320 Power On Hours: 30971.27  
 2014-05-26 00:26:53.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-26 00:26:53.320 Total Number of Boots: 120  
 2014-05-26 00:26:53.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-26 00:26:53.320 Total Number of Re-Syncs: 213  
 2014-05-26 00:26:53.320 Status Inputs: 00000000  
 2014-05-26 00:26:53.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-26 00:26:53.320 Clock Quality: 100%  
 2014-05-26 00:26:53.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-26 00:26:53.320 Clock Phase: 0 usec. max allowed=50000  
 2014-05-26 00:26:53.320 Boom positions:  
 2014-05-26 00:26:53.320 Ch1: -2 Ch2: -12 Ch3: -7 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-26 00:26:53.320 Analog Status  
 2014-05-26 00:26:53.320 Analog Positive Supply: 5.46V  
 2014-05-26 00:26:53.320 Input Voltage: 13.35V  
 2014-05-26 00:26:53.320 System Temperature: 5C  
 2014-05-26 00:26:53.320 Main Current: 61ma  
 2014-05-26 00:26:53.320 Antenna Current: 0ma  
 2014-05-26 00:26:53.320 GPS Status  
 2014-05-26 00:26:53.320 Time: 00:26:52  
 2014-05-26 00:26:53.320 Date:  
 2014-05-26 00:26:53.320 Fix Type: 1-D  
 2014-05-26 00:26:53.320 Height:  
 2014-05-26 00:26:53.320 Latitude:  
 2014-05-26 00:26:53.320 Longitude:  
 2014-05-26 00:26:53.320 On Time: 0min  
 2014-05-26 00:26:53.320 Sat. Used: 0  
 2014-05-26 00:26:53.320 In View: 0  
 2014-05-26 00:26:53.320 Checksum Errors: 0  
 2014-05-26 00:26:53.320 Last GPS timemark: 2014-05-26 00:26:51  
 2014-05-26 00:26:53.320 PLL Status  
 2014-05-26 00:26:53.320 State: Lock  
 2014-05-26 00:26:53.320 Initial VCO: 2200.564941  
 2014-05-26 00:26:53.320 Time Error: 0.000000  
 2014-05-26 00:26:53.320 RMS VCO: 0.0000000  
 2014-05-26 00:26:53.320 Best VCO: 2200.33  
 2014-05-26 00:26:53.320 Seconds Since Track or Lock: 0.0  
 2014-05-26 00:26:53.320 Vco Control: 2201  
 2014-05-26 00:26:53.320 timing mode: external seascan  
 2014-05-26 00:26:53.320 tempco normal  
 2014-05-26 00:26:53.320 PLL update: 10s PLL lock criterion: 5us  
 2014-05-26 00:26:53.320 Pfrac: 150.00  
 2014-05-26 00:26:53.320 VCO slope: -0.0175000  
 2014-05-26 00:26:53.320 VCO intercept: 7.1100001  
 2014-05-26 00:26:53.320 km delta: 600.0000000  
 2014-05-26 00:26:53.320 Logical Port 4 Status



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2014-05-26 00:26:53.320 Data Packets Sent: 4979189  
 2014-05-26 00:26:53.320 Flood Packets Sent: 0  
 2014-05-26 00:26:53.320 Packets Re-Sent: 6880  
 2014-05-26 00:26:53.320 Sequence Errors: 0  
 2014-05-26 00:26:53.320 Packet Buffer Used: 24083020  
 2014-05-26 00:26:53.320 Physical Port: Ethernet  
 2014-05-26 00:26:53.320 Baler Model: 14 Software Version: 2.28  
 2014-05-26 00:26:53.320 MAC Address: 00:04:FB:00:02:EA  
 2014-05-26 00:26:53.320 Disk Size: 20000669696  
 2014-05-26 00:26:53.320 Percent of 1177 data files in use: 10.9  
 2014-05-26 00:26:53.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-26 00:26:53.320 Channel Sensitivities (uV per count):  
 2014-05-26 00:26:53.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-26 00:26:53.320 Digitizer Calibration Results:  
 2014-05-26 00:26:53.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-26 00:26:53.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-26 00:26:53.320 DMU1 Software Version=10  
 2014-05-26 00:26:53.320 Supply Voltage=12.7  
 2014-05-26 00:26:53.320 Supply Current=0.41  
 2014-05-26 00:26:53.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-26 00:26:53.320 WebLink Data Maps Restored  
 2014-05-26 00:26:53.320 [2014-05-25 12:23:19.000000] sequence resumes overlapping:  
 4270708 to 4270707  
 2014-05-26 00:26:53.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-26 00:26:52  
 2014-05-26 00:32:38.360 [2014-05-26 00:00:00.000001] Saving Configuration to Backup  
 Memory  
 2014-05-26 00:32:38.360 Reducing Status Polling Interval  
 2014-05-26 00:32:38.360 [2014-05-26 00:32:53.000000] total packets received: 67454  
 2014-05-26 00:32:38.360 [2014-05-26 00:32:53.000000] out of window: 64  
 2014-05-26 00:32:38.360 written: HHZ-1314 HH1-1505 HH2-1579 BDH-423 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-26 00:32:38.360 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-25 LH2-25 LDH-24  
 VMZ-2 VM1-2  
 2014-05-26 00:32:38.360 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-3  
 2014-05-26 00:32:38.360 [2014-05-26 00:32:53.000000] Done: 4968 recs. seq end:  
 4314482. run: 357 s  
 2014-05-26 12:33:47.350  
 2014-05-26 12:33:47.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-26 12:33:47.350 Control Port 2491 Opened  
 2014-05-26 12:33:47.350 Baler ready on Ethernet  
 2014-05-26 12:33:47.350 Power Cycled Baler Acknowledged  
 2014-05-26 12:33:47.350 Commands Accepted by Q330  
 2014-05-26 12:33:47.350 Access timeout: 300 sec  
 2014-05-26 12:33:47.350 Control Port 4023 Opened  
 2014-05-26 12:33:47.350 Data Port 4024 Opened  
 2014-05-26 12:33:47.350 Registered with Q330  
 2014-05-26 12:33:47.350 Combination Record Received  
 2014-05-26 12:33:47.350 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-26 12:33:47.350 Link Reset, starting window sequence: 65289  
 2014-05-26 12:33:47.350 GPS Receiver ID Received  
 2014-05-26 12:33:47.350 Manufacturer's Data Received, Property Tag=2017  
 2014-05-26 12:33:47.350 Digitizer Gain & Offsets Received  
 2014-05-26 12:33:47.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4968 recs.  
 seq end: 4314482  
 2014-05-26 12:33:47.350 Baler clock set to 2014-05-26 12:33:46  
 2014-05-26 12:33:47.350 Starting to Read DP Tokens  
 2014-05-26 12:33:47.350 DP Tokens loaded, size=1474 bytes  
 2014-05-26 12:33:47.350 webserver advertising 192.168.200.119:5380  
 2014-05-26 12:33:47.350 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-26 12:33:47.350 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-26 12:33:47.350 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-26 12:33:47.350 filters & delay BDH:4@20,Linear all=1.650000

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2014-05-26 12:33:47.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-26 12:33:47.350 filters & delay LH1:2@1,Linear all=15.000000
2014-05-26 12:33:47.350 filters & delay LH2:3@1,Linear all=15.000000
2014-05-26 12:33:47.350 filters & delay LDH:4@1,Linear all=15.000000
2014-05-26 12:33:47.350 [2014-05-26 00:32:53.000000] continuity found: 4314482
454379573.000000 Q=100
2014-05-26 12:33:47.350 [2014-05-26 00:32:53.000000] restoring continuity
2014-05-26 12:33:47.350 Sending DT_OPEN
2014-05-26 12:33:47.350 Station: XX-2017
2014-05-26 12:33:47.350 Q330 Serial Number: 0100000DB18FC351
2014-05-26 12:33:47.350 AMB Serial Number: 0100000B6909DD82
2014-05-26 12:33:47.350 Seismo 1 Serial Number: 0000000000000000
2014-05-26 12:33:47.350 Seismo 2 Serial Number: 0000000000000000
2014-05-26 12:33:47.350 QAPCHP 1 Serial Number: 4643206
2014-05-26 12:33:47.350 QAPCHP 2 Serial Number: 3743050
2014-05-26 12:33:47.350 KMI Property Tag Number: 2017
2014-05-26 12:33:47.350 System Software Version: 1.146
2014-05-26 12:33:47.350 Slave Processor Version: 1.11
2014-05-26 12:33:47.350 Calibrator Type: QCAL330
2014-05-26 12:33:47.350 Calibrator Version: 1.8
2014-05-26 12:33:47.350 Auxiliary Board Type: None
2014-05-26 12:33:47.350 Clock Type: Motorola M12
2014-05-26 12:33:47.350 PLD Version: 7.9
2014-05-26 12:33:47.350 Total Hours: 66353.00
2014-05-26 12:33:47.350 Power On Hours: 30983.39
2014-05-26 12:33:47.350 Time of Last Boot: 2014-04-06 02:03:58
2014-05-26 12:33:47.350 Total Number of Boots: 120
2014-05-26 12:33:47.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-26 12:33:47.350 Total Number of Re-Syncs: 213
2014-05-26 12:33:47.350 Status Inputs: 00000000
2014-05-26 12:33:47.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-26 12:33:47.350 Clock Quality: 100%
2014-05-26 12:33:47.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-26 12:33:47.350 Clock Phase: 0 usec. max allowed=50000
2014-05-26 12:33:47.350 Boom positions:
2014-05-26 12:33:47.350 Ch1: -2 Ch2: -12 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-26 12:33:47.350 Analog Status
2014-05-26 12:33:47.350 Analog Positive Supply: 5.46V
2014-05-26 12:33:47.350 Input Voltage: 13.20V
2014-05-26 12:33:47.350 System Temperature: 5C
2014-05-26 12:33:47.350 Main Current: 62ma
2014-05-26 12:33:47.350 Antenna Current: 0ma
2014-05-26 12:33:47.350 GPS Status
2014-05-26 12:33:47.350 Time: 12:33:46
2014-05-26 12:33:47.350 Date:
2014-05-26 12:33:47.350 Fix Type: 1-D
2014-05-26 12:33:47.350 Height:
2014-05-26 12:33:47.350 Latitude:
2014-05-26 12:33:47.350 Longitude:
2014-05-26 12:33:47.350 On Time: 0min
2014-05-26 12:33:47.350 Sat. Used: 0
2014-05-26 12:33:47.350 In View: 0
2014-05-26 12:33:47.350 Checksum Errors: 0
2014-05-26 12:33:47.350 Last GPS timemark: 2014-05-26 12:33:45
2014-05-26 12:33:47.350 PLL Status
2014-05-26 12:33:47.350 State: Lock
2014-05-26 12:33:47.350 Initial VCO: 2200.616943
2014-05-26 12:33:47.350 Time Error: 0.000000
2014-05-26 12:33:47.350 RMS VCO: 0.000000
2014-05-26 12:33:47.350 Best VCO: 2200.60
2014-05-26 12:33:47.350 Seconds Since Track or Lock: 0.0
2014-05-26 12:33:47.350 Vco Control: 2201
2014-05-26 12:33:47.350 timing mode: external seascan

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2014-05-26 12:33:47.350 tempco normal
2014-05-26 12:33:47.350 PLL update: 10s PLL lock criterion: 5us
2014-05-26 12:33:47.350 Pfrac: 150.00
2014-05-26 12:33:47.350 VCO slope: -0.0175000
2014-05-26 12:33:47.350 VCO intercept: 7.1100001
2014-05-26 12:33:47.350 km delta: 600.0000000
2014-05-26 12:33:47.350 Logical Port 4 Status
2014-05-26 12:33:47.350 Data Packets Sent: 5046547
2014-05-26 12:33:47.350 Flood Packets Sent: 0
2014-05-26 12:33:47.350 Packets Re-Sent: 6958
2014-05-26 12:33:47.350 Sequence Errors: 0
2014-05-26 12:33:47.350 Packet Buffer Used: 22872124
2014-05-26 12:33:47.350 Physical Port: Ethernet
2014-05-26 12:33:47.350 Baler Model: 14 Software Version: 2.28
2014-05-26 12:33:47.350 MAC Address: 00:04:FB:00:02:EA
2014-05-26 12:33:47.350 Disk Size: 20000669696
2014-05-26 12:33:47.350 Percent of 1177 data files in use: 11.0
2014-05-26 12:33:47.350 Channels Enabled: 1234 Preamps ON channels:
2014-05-26 12:33:47.350 Channel Sensitivities (uV per count):
2014-05-26 12:33:47.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-26 12:33:47.350 Digitizer Calibration Results:
2014-05-26 12:33:47.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-26 12:33:47.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-26 12:33:47.350 DMU1 Software Version=10
2014-05-26 12:33:47.350 Supply Voltage=12.8
2014-05-26 12:33:47.350 Supply Current=0.40
2014-05-26 12:33:47.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-26 12:33:47.350 WebLink Data Maps Restored
2014-05-26 12:33:47.350 [2014-05-26 00:32:53.000000] sequence resumes: 4314482 to
4314482
2014-05-26 12:33:47.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-05-26 12:33:46
2014-05-26 12:39:30.300 Reducing Status Polling Interval
2014-05-26 12:39:30.300 [2014-05-26 12:39:29.999998] total packets received: 53855
2014-05-26 12:39:30.300 [2014-05-26 12:39:29.999998] command timeouts: 6
2014-05-26 12:39:30.300 [2014-05-26 12:39:29.999998] out of window: 75
2014-05-26 12:39:30.300 written: HHZ-1195 HH1-1443 HH2-1497 BDH-410 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-05-26 12:39:30.300 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-25 LH2-26 LDH-24
VMZ-1 VM1-1
2014-05-26 12:39:30.300 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-1
2014-05-26 12:39:30.300 [2014-05-26 12:39:29.999998] Done: 4679 recs. seq end:
4358079. run: 338 s
2014-05-27 00:40:22.320
2014-05-27 00:40:22.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-27 00:40:22.320 Control Port 2491 Opened
2014-05-27 00:40:22.320 Baler ready on Ethernet
2014-05-27 00:40:22.320 Power Cycled Baler Acknowledged
2014-05-27 00:40:22.320 Commands Accepted by Q330
2014-05-27 00:40:22.320 Access timeout: 300 sec
2014-05-27 00:40:22.320 Control Port 4023 Opened
2014-05-27 00:40:22.320 Data Port 4024 Opened
2014-05-27 00:40:22.320 Registered with Q330
2014-05-27 00:40:22.320 Combination Record Received
2014-05-27 00:40:22.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-27 00:40:22.320 Link Reset, starting window sequence: 53497
2014-05-27 00:40:22.320 GPS Receiver ID Received
2014-05-27 00:40:22.320 Manufacturer's Data Received, Property Tag=2017
2014-05-27 00:40:22.320 Digitizer Gain & Offsets Received
2014-05-27 00:40:22.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4679 recs.
seq end: 4358079
2014-05-27 00:40:22.320 Baler clock set to 2014-05-27 00:40:21
2014-05-27 00:40:22.320 Starting to Read DP Tokens

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2014-05-27 00:40:22.320 DP Tokens loaded, size=1474 bytes
2014-05-27 00:40:22.320 Webserver advertising 192.168.200.119:5380
2014-05-27 00:40:22.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-27 00:40:22.320 filters & delay HH1:2@100,Linear all=0.320000
2014-05-27 00:40:22.320 filters & delay HH2:3@100,Linear all=0.320000
2014-05-27 00:40:22.320 filters & delay BDH:4@20,Linear all=1.650000
2014-05-27 00:40:22.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-27 00:40:22.320 filters & delay LH1:2@1,Linear all=15.000000
2014-05-27 00:40:22.320 filters & delay LH2:3@1,Linear all=15.000000
2014-05-27 00:40:22.320 filters & delay LDH:4@1,Linear all=15.000000
2014-05-27 00:40:22.320 [2014-05-26 12:39:29.999998] continuity found: 4358079
454423170.000000 Q=100
2014-05-27 00:40:22.320 [2014-05-26 12:39:29.999998] restoring continuity
2014-05-27 00:40:22.320 Sending DT_OPEN
2014-05-27 00:40:22.320 Station: XX-2017
2014-05-27 00:40:22.320 Q330 Serial Number: 0100000DB18FC351
2014-05-27 00:40:22.320 AMB Serial Number: 0100000B6909DD82
2014-05-27 00:40:22.320 Seismo 1 Serial Number: 0000000000000000
2014-05-27 00:40:22.320 Seismo 2 Serial Number: 0000000000000000
2014-05-27 00:40:22.320 QAPCHP 1 Serial Number: 4643206
2014-05-27 00:40:22.320 QAPCHP 2 Serial Number: 3743050
2014-05-27 00:40:22.320 KMI Property Tag Number: 2017
2014-05-27 00:40:22.320 System Software Version: 1.146
2014-05-27 00:40:22.320 Slave Processor Version: 1.11
2014-05-27 00:40:22.320 Calibrator Type: QCAL330
2014-05-27 00:40:22.320 Calibrator Version: 1.8
2014-05-27 00:40:22.320 Auxiliary Board Type: None
2014-05-27 00:40:22.320 Clock Type: Motorola M12
2014-05-27 00:40:22.320 PLD Version: 7.9
2014-05-27 00:40:22.320 Total Hours: 66365.11
2014-05-27 00:40:22.320 Power On Hours: 30995.50
2014-05-27 00:40:22.320 Time of Last Boot: 2014-04-06 02:03:58
2014-05-27 00:40:22.320 Total Number of Boots: 120
2014-05-27 00:40:22.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-27 00:40:22.320 Total Number of Re-Syncs: 213
2014-05-27 00:40:22.320 Status Inputs: 00000000
2014-05-27 00:40:22.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-27 00:40:22.320 Clock Quality: 100%
2014-05-27 00:40:22.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-27 00:40:22.320 Clock Phase: 0 usec. max allowed=50000
2014-05-27 00:40:22.320 Boom positions:
2014-05-27 00:40:22.320 Ch1: -2 Ch2: -12 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-27 00:40:22.320 Analog Status
2014-05-27 00:40:22.320 Analog Positive Supply: 5.46V
2014-05-27 00:40:22.320 Input Voltage: 13.35V
2014-05-27 00:40:22.320 System Temperature: 5C
2014-05-27 00:40:22.320 Main Current: 61ma
2014-05-27 00:40:22.320 Antenna Current: 0ma
2014-05-27 00:40:22.320 GPS Status
2014-05-27 00:40:22.320 Time: 00:40:21
2014-05-27 00:40:22.320 Date:
2014-05-27 00:40:22.320 Fix Type: 1-D
2014-05-27 00:40:22.320 Height:
2014-05-27 00:40:22.320 Latitude:
2014-05-27 00:40:22.320 On Time: 0min
2014-05-27 00:40:22.320 Sat. Used: 0
2014-05-27 00:40:22.320 In View: 0
2014-05-27 00:40:22.320 Checksum Errors: 0
2014-05-27 00:40:22.320 Last GPS timemark: 2014-05-27 00:40:20
2014-05-27 00:40:22.320 PLL Status
2014-05-27 00:40:22.320 State: Lock
2014-05-27 00:40:22.320 Initial VCO: 2201.000000
2014-05-27 00:40:22.320 Time Error: 0.000000

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2014-05-27 00:40:22.320 RMS VCO: 0.0000000  
 2014-05-27 00:40:22.320 Best VCO: 2201.00  
 2014-05-27 00:40:22.320 Seconds Since Track or Lock: 0.0  
 2014-05-27 00:40:22.320 Vco Control: 2201  
 2014-05-27 00:40:22.320 timing mode: external seascan  
 2014-05-27 00:40:22.320 tempco normal  
 2014-05-27 00:40:22.320 PLL update: 10s PLL lock criterion: 5us  
 2014-05-27 00:40:22.320 Pfrac: 150.00  
 2014-05-27 00:40:22.320 VCO slope: -0.0175000  
 2014-05-27 00:40:22.320 VCO intercept: 7.1100001  
 2014-05-27 00:40:22.320 Km delta: 600.0000000  
 2014-05-27 00:40:22.320 Logical Port 4 Status  
 2014-05-27 00:40:22.320 Data Packets Sent: 5100296  
 2014-05-27 00:40:22.320 Flood Packets Sent: 0  
 2014-05-27 00:40:22.320 Packets Re-Sent: 7045  
 2014-05-27 00:40:22.320 Sequence Errors: 0  
 2014-05-27 00:40:22.320 Packet Buffer Used: 22288832  
 2014-05-27 00:40:22.320 Physical Port: Ethernet  
 2014-05-27 00:40:22.320 Baler Model: 14 Software Version: 2.28  
 2014-05-27 00:40:22.320 MAC Address: 00:04:FB:00:02:EA  
 2014-05-27 00:40:22.320 Disk Size: 20000669696  
 2014-05-27 00:40:22.320 Percent of 1177 data files in use: 11.1  
 2014-05-27 00:40:22.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-27 00:40:22.320 Channel Sensitivities (uV per count):  
 2014-05-27 00:40:22.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-27 00:40:22.320 Digitizer Calibration Results:  
 2014-05-27 00:40:22.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-27 00:40:22.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-27 00:40:22.320 DMU1 Software Version=10  
 2014-05-27 00:40:22.320 Supply Voltage=12.7  
 2014-05-27 00:40:22.320 Supply Current=0.42  
 2014-05-27 00:40:22.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-27 00:40:22.320 WebLink Data Maps Restored  
 2014-05-27 00:40:22.320 [2014-05-26 12:39:29.999998] sequence resumes: 4358079 to  
 4358079  
 2014-05-27 00:40:22.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-27 00:40:21  
 2014-05-27 00:45:34.300 [2014-05-27 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-05-27 00:45:34.300 [2014-05-27 00:45:50.999998] total packets received: 47660  
 2014-05-27 00:45:34.300 [2014-05-27 00:45:50.999998] command timeouts: 6  
 2014-05-27 00:45:34.300 [2014-05-27 00:45:50.999998] out of window: 57  
 2014-05-27 00:45:34.300 written: HHZ-1177 HH1-1376 HH2-1430 BDH-418 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-27 00:45:34.300 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-05-27 00:45:34.300 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-05-27 00:45:34.300 [2014-05-27 00:45:50.999998] Done: 4544 recs. seq end:  
 4401660. run: 325 s  
 2014-05-27 12:46:45.310  
 2014-05-27 12:46:45.310 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-27 12:46:45.310 Control Port 2491 Opened  
 2014-05-27 12:46:45.310 Baler ready on Ethernet  
 2014-05-27 12:46:45.310 Power Cycled Baler Acknowledged  
 2014-05-27 12:46:45.310 Commands Accepted by Q330  
 2014-05-27 12:46:45.310 Access timeout: 300 sec  
 2014-05-27 12:46:45.310 Control Port 4023 Opened  
 2014-05-27 12:46:45.310 Data Port 4024 Opened  
 2014-05-27 12:46:45.310 Registered with Q330  
 2014-05-27 12:46:45.310 Combination Record Received  
 2014-05-27 12:46:45.310 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-27 12:46:45.310 Link Reset, starting window sequence: 35529  
 2014-05-27 12:46:45.310 GPS Receiver ID Received

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2014-05-27 12:46:45.310 Manufacturer's Data Received, Property Tag=2017  
 2014-05-27 12:46:45.310 Digitizer Gain & Offsets Received  
 2014-05-27 12:46:45.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4544 recs.  
 seq end: 4401660  
 2014-05-27 12:46:45.310 Baler clock set to 2014-05-27 12:46:44  
 2014-05-27 12:46:45.310 Starting to Read DP Tokens  
 2014-05-27 12:46:45.310 DP Tokens loaded, size=1474 bytes  
 2014-05-27 12:46:45.310 webserver advertising 192.168.200.119:5380  
 2014-05-27 12:46:45.310 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-27 12:46:45.310 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-27 12:46:45.310 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-27 12:46:45.310 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-27 12:46:45.310 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-27 12:46:45.310 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-27 12:46:45.310 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-27 12:46:45.310 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-27 12:46:45.310 [2014-05-27 00:45:50.999998] continuity found: 4401660  
 454466751.000000 Q=100  
 2014-05-27 12:46:45.310 [2014-05-27 00:45:50.999998] restoring continuity  
 2014-05-27 12:46:45.310 Sending DT\_OPEN  
 2014-05-27 12:46:45.310 Station: XX-2017  
 2014-05-27 12:46:45.310 Q330 Serial Number: 0100000DB18FC351  
 2014-05-27 12:46:45.310 AMB Serial Number: 0100000B6909DD82  
 2014-05-27 12:46:45.310 Seismo 1 Serial Number: 0000000000000000  
 2014-05-27 12:46:45.310 Seismo 2 Serial Number: 0000000000000000  
 2014-05-27 12:46:45.310 QAPCHP 1 Serial Number: 4643206  
 2014-05-27 12:46:45.310 QAPCHP 2 Serial Number: 3743050  
 2014-05-27 12:46:45.310 KMI Property Tag Number: 2017  
 2014-05-27 12:46:45.310 System Software Version: 1.146  
 2014-05-27 12:46:45.310 Slave Processor Version: 1.11  
 2014-05-27 12:46:45.310 Calibrator Type: QCAL330  
 2014-05-27 12:46:45.310 Calibrator Version: 1.8  
 2014-05-27 12:46:45.310 Auxiliary Board Type: None  
 2014-05-27 12:46:45.310 Clock Type: Motorola M12  
 2014-05-27 12:46:45.310 PLD Version: 7.9  
 2014-05-27 12:46:45.310 Total Hours: 66377.22  
 2014-05-27 12:46:45.310 Power On Hours: 31007.60  
 2014-05-27 12:46:45.310 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-27 12:46:45.310 Total Number of Boots: 120  
 2014-05-27 12:46:45.310 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-27 12:46:45.310 Total Number of Re-Syncs: 213  
 2014-05-27 12:46:45.310 Status Inputs: 00000000  
 2014-05-27 12:46:45.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-27 12:46:45.310 Clock Quality: 100%  
 2014-05-27 12:46:45.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-27 12:46:45.310 Clock Phase: 0 usec. max allowed=50000  
 2014-05-27 12:46:45.310 Boom positions:  
 2014-05-27 12:46:45.310 Ch1: -2 Ch2: -13 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-27 12:46:45.310 Analog Status  
 2014-05-27 12:46:45.310 Analog Positive Supply: 5.46V  
 2014-05-27 12:46:45.310 Input Voltage: 13.20V  
 2014-05-27 12:46:45.310 System Temperature: 5C  
 2014-05-27 12:46:45.310 Main Current: 62ma  
 2014-05-27 12:46:45.310 Antenna Current: 0ma  
 2014-05-27 12:46:45.310 GPS Status  
 2014-05-27 12:46:45.310 Time: 12:46:44  
 2014-05-27 12:46:45.310 Date:  
 2014-05-27 12:46:45.310 Fix Type: 1-D  
 2014-05-27 12:46:45.310 Height:  
 2014-05-27 12:46:45.310 Latitude:  
 2014-05-27 12:46:45.310 Longitude:  
 2014-05-27 12:46:45.310 On Time: 0min  
 2014-05-27 12:46:45.310 Sat. Used: 0

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2014-05-27 12:46:45.310 In View: 0  
 2014-05-27 12:46:45.310 Checksum Errors: 0  
 2014-05-27 12:46:45.310 Last GPS timemark: 2014-05-27 12:46:43  
 2014-05-27 12:46:45.310 PLL Status  
 2014-05-27 12:46:45.310 State: Lock  
 2014-05-27 12:46:45.310 Initial VCO: 2200.820068  
 2014-05-27 12:46:45.310 Time Error: 0.000000  
 2014-05-27 12:46:45.310 RMS VCO: 0.000000  
 2014-05-27 12:46:45.310 Best VCO: 2201.04  
 2014-05-27 12:46:45.310 Seconds Since Track or Lock: 0.0  
 2014-05-27 12:46:45.310 Vco Control: 2201  
 2014-05-27 12:46:45.310 timing mode: external seascan  
 2014-05-27 12:46:45.310 tempco normal  
 2014-05-27 12:46:45.310 PLL update: 10s PLL lock criterion: 5us  
 2014-05-27 12:46:45.310 Pfrac: 150.00  
 2014-05-27 12:46:45.310 VCO slope: -0.0175000  
 2014-05-27 12:46:45.310 VCO intercept: 7.1100001  
 2014-05-27 12:46:45.310 km delta: 600.0000000  
 2014-05-27 12:46:45.310 Logical Port 4 Status  
 2014-05-27 12:46:45.310 Data Packets Sent: 5147869  
 2014-05-27 12:46:45.310 Flood Packets Sent: 0  
 2014-05-27 12:46:45.310 Packets Re-Sent: 7117  
 2014-05-27 12:46:45.310 Sequence Errors: 0  
 2014-05-27 12:46:45.310 Packet Buffer Used: 21619260  
 2014-05-27 12:46:45.310 Physical Port: Ethernet  
 2014-05-27 12:46:45.310 Baler Model: 14 Software Version: 2.28  
 2014-05-27 12:46:45.310 MAC Address: 00:04:FB:00:02:EA  
 2014-05-27 12:46:45.310 Disk Size: 20000669696  
 2014-05-27 12:46:45.310 Percent of 1177 data files in use: 11.2  
 2014-05-27 12:46:45.310 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-27 12:46:45.310 Channel Sensitivities (uV per count):  
 2014-05-27 12:46:45.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-27 12:46:45.310 Digitizer Calibration Results:  
 2014-05-27 12:46:45.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-27 12:46:45.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-27 12:46:45.310 DMU1 Software Version=10  
 2014-05-27 12:46:45.310 Supply Voltage=12.7  
 2014-05-27 12:46:45.310 Supply Current=0.41  
 2014-05-27 12:46:45.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-27 12:46:45.310 WebLink Data Maps Restored  
 2014-05-27 12:46:45.310 [2014-05-27 00:45:50.999998] sequence resumes: 4401660 to 4401660  
 2014-05-27 12:46:45.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-27 12:46:44  
 2014-05-27 12:52:14.650 Reducing Status Polling Interval  
 2014-05-27 12:52:14.650 [2014-05-27 12:52:12.999998] total packets received: 44094  
 2014-05-27 12:52:14.650 [2014-05-27 12:52:12.999998] command timeouts: 6  
 2014-05-27 12:52:14.650 [2014-05-27 12:52:12.999998] out of window: 67  
 2014-05-27 12:52:14.650 written: HHZ-1131 HH1-1322 HH2-1359 BDH-428 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-05-27 12:52:14.650 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-05-27 12:52:14.650 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2014-05-27 12:52:14.650 [2014-05-27 12:52:12.999998] Done: 4379 recs. seq end:  
 4445242. run: 324 s  
 2014-05-28 00:53:07.320  
 2014-05-28 00:53:07.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-28 00:53:07.320 Control Port 2491 Opened  
 2014-05-28 00:53:07.320 Baler ready on Ethernet  
 2014-05-28 00:53:07.320 Power Cycled Baler Acknowledged  
 2014-05-28 00:53:07.320 Commands Accepted by Q330  
 2014-05-28 00:53:07.320 Access timeout: 300 sec  
 2014-05-28 00:53:07.320 Control Port 4023 Opened

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2014-05-28 00:53:07.320 Data Port 4024 Opened
2014-05-28 00:53:07.320 Registered with Q330
2014-05-28 00:53:07.320 Combination Record Received
2014-05-28 00:53:07.320 Window=4   Min. Timeout=10   Max. Timeout=30
2014-05-28 00:53:07.320 Link Reset, starting window sequence: 13985
2014-05-28 00:53:07.320 GPS Receiver ID Received
2014-05-28 00:53:07.320 Manufacturer's Data Received, Property Tag=2017
2014-05-28 00:53:07.320 Digitizer Gain & Offsets Received
2014-05-28 00:53:07.320 Msg From 192.168.200.119: Baler XX-2017 readback. 4379 recs.
seq end: 4445242
2014-05-28 00:53:07.320 Baler clock set to 2014-05-28 00:53:06
2014-05-28 00:53:07.320 Starting to Read DP Tokens
2014-05-28 00:53:07.320 DP Tokens loaded, size=1474 bytes
2014-05-28 00:53:07.320 Webserver advertising 192.168.200.119:5380
2014-05-28 00:53:07.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-28 00:53:07.320 filters & delay HH1:2@100,Linear all=0.320000
2014-05-28 00:53:07.320 filters & delay HH2:3@100,Linear all=0.320000
2014-05-28 00:53:07.320 filters & delay BDH:4@20,Linear all=1.650000
2014-05-28 00:53:07.320 filters & delay LH1:2@1,Linear all=15.000000
2014-05-28 00:53:07.320 filters & delay LH2:3@1,Linear all=15.000000
2014-05-28 00:53:07.320 filters & delay LDH:4@1,Linear all=15.000000
2014-05-28 00:53:07.320 [2014-05-27 12:52:12.999998] continuity found: 4445242
454510333.000000 Q=100
2014-05-28 00:53:07.320 [2014-05-27 12:52:12.999998] restoring continuity
2014-05-28 00:53:07.320 Sending DT_OPEN
2014-05-28 00:53:07.320 Station: XX-2017
2014-05-28 00:53:07.320 Q330 Serial Number: 0100000DB18FC351
2014-05-28 00:53:07.320 AMB Serial Number: 0100000B6909DD82
2014-05-28 00:53:07.320 Seismo 1 Serial Number: 0000000000000000
2014-05-28 00:53:07.320 Seismo 2 Serial Number: 0000000000000000
2014-05-28 00:53:07.320 QAPCHP 1 Serial Number: 4643206
2014-05-28 00:53:07.320 QAPCHP 2 Serial Number: 3743050
2014-05-28 00:53:07.320 KMI Property Tag Number: 2017
2014-05-28 00:53:07.320 System Software Version: 1.146
2014-05-28 00:53:07.320 Slave Processor Version: 1.11
2014-05-28 00:53:07.320 Calibrator Type: QCAL330
2014-05-28 00:53:07.320 Calibrator Version: 1.8
2014-05-28 00:53:07.320 Auxiliary Board Type: None
2014-05-28 00:53:07.320 Clock Type: Motorola M12
2014-05-28 00:53:07.320 PLD Version: 7.9
2014-05-28 00:53:07.320 Total Hours: 66389.32
2014-05-28 00:53:07.320 Power On Hours: 31019.71
2014-05-28 00:53:07.320 Time of Last Boot: 2014-04-06 02:03:58
2014-05-28 00:53:07.320 Total Number of Boots: 120
2014-05-28 00:53:07.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-28 00:53:07.320 Total Number of Re-Syncs: 213
2014-05-28 00:53:07.320 Status Inputs: 00000000
2014-05-28 00:53:07.320 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-05-28 00:53:07.320 Clock Quality: 100%
2014-05-28 00:53:07.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-28 00:53:07.320 Clock Phase: 0 usec. max allowed=50000
2014-05-28 00:53:07.320 Boom positions:
2014-05-28 00:53:07.320 Ch1: -2 Ch2: -14 Ch3: -5 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-28 00:53:07.320 Analog Status
2014-05-28 00:53:07.320 Analog Positive Supply: 5.46V
2014-05-28 00:53:07.320 Input Voltage: 13.20V
2014-05-28 00:53:07.320 System Temperature: 5C
2014-05-28 00:53:07.320 Main Current: 62ma
2014-05-28 00:53:07.320 Antenna Current: 0ma
2014-05-28 00:53:07.320 GPS Status
2014-05-28 00:53:07.320 Time: 00:53:06
2014-05-28 00:53:07.320 Date:
2014-05-28 00:53:07.320 Fix Type: 1-D

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2014-05-28 00:53:07.320 Height:  
 2014-05-28 00:53:07.320 Latitude:  
 2014-05-28 00:53:07.320 Longitude:  
 2014-05-28 00:53:07.320 On Time: 0min  
 2014-05-28 00:53:07.320 Sat. Used: 0  
 2014-05-28 00:53:07.320 In View: 0  
 2014-05-28 00:53:07.320 Checksum Errors: 0  
 2014-05-28 00:53:07.320 Last GPS timemark: 2014-05-28 00:53:05  
 2014-05-28 00:53:07.320 PLL Status  
 2014-05-28 00:53:07.320 State: Lock  
 2014-05-28 00:53:07.320 Initial VCO: 2200.995850  
 2014-05-28 00:53:07.320 Time Error: 0.000000  
 2014-05-28 00:53:07.320 RMS VCO: 0.000000  
 2014-05-28 00:53:07.320 Best VCO: 2201.00  
 2014-05-28 00:53:07.320 Seconds Since Track or Lock: 0.0  
 2014-05-28 00:53:07.320 Vco Control: 2201  
 2014-05-28 00:53:07.320 timing mode: external seascan  
 2014-05-28 00:53:07.320 tempco normal  
 2014-05-28 00:53:07.320 PLL update: 10s PLL lock criterion: 5us  
 2014-05-28 00:53:07.320 Pfrac: 150.00  
 2014-05-28 00:53:07.320 VCO slope: -0.0175000  
 2014-05-28 00:53:07.320 VCO intercept: 7.1100001  
 2014-05-28 00:53:07.320 Km delta: 600.000000  
 2014-05-28 00:53:07.320 Logical Port 4 Status  
 2014-05-28 00:53:07.320 Data Packets Sent: 5191866  
 2014-05-28 00:53:07.320 Flood Packets Sent: 0  
 2014-05-28 00:53:07.320 Packets Re-Sent: 7203  
 2014-05-28 00:53:07.320 Sequence Errors: 0  
 2014-05-28 00:53:07.320 Packet Buffer Used: 21793964  
 2014-05-28 00:53:07.320 Physical Port: Ethernet  
 2014-05-28 00:53:07.320 Baler Model: 14 Software Version: 2.28  
 2014-05-28 00:53:07.320 MAC Address: 00:04:FB:00:02:EA  
 2014-05-28 00:53:07.320 Disk Size: 20000669696  
 2014-05-28 00:53:07.320 Percent of 1177 data files in use: 11.3  
 2014-05-28 00:53:07.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-28 00:53:07.320 Channel Sensitivities (uV per count):  
 2014-05-28 00:53:07.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-28 00:53:07.320 Digitizer Calibration Results:  
 2014-05-28 00:53:07.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-28 00:53:07.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-28 00:53:07.320 DMU1 Software Version=10  
 2014-05-28 00:53:07.320 Supply Voltage=12.8  
 2014-05-28 00:53:07.320 Supply Current=0.41  
 2014-05-28 00:53:07.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-28 00:53:07.320 WebLink Data Maps Restored  
 2014-05-28 00:53:07.320 [2014-05-27 12:52:12.999998] sequence resumes: 4445242 to 4445242  
 2014-05-28 00:53:07.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-28 00:53:06  
 2014-05-28 00:57:55.520 [2014-05-28 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-05-28 00:57:55.520 Reducing Status Polling Interval  
 2014-05-28 00:57:55.520 [2014-05-28 00:58:29.000000] total packets received: 46747  
 2014-05-28 00:57:55.520 [2014-05-28 00:58:29.000000] command timeouts: 6  
 2014-05-28 00:57:55.520 [2014-05-28 00:58:29.000000] out of window: 50  
 2014-05-28 00:57:55.520 written: HHZ-1149 HH1-1339 HH2-1362 BDH-432 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-05-28 00:57:55.520 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-05-28 00:57:55.520 written: VM2-1 LOG-2 ACE-2 OCF-2  
 2014-05-28 00:57:55.520 [2014-05-28 00:58:29.000000] Done: 4417 recs. seq end:  
 4488818. run: 318 s  
 2014-05-28 12:59:21.360

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2014-05-28 12:59:21.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-28 12:59:21.360 Control Port 2491 Opened
2014-05-28 12:59:21.360 Baler ready on Ethernet
2014-05-28 12:59:21.360 Power Cycled Baler Acknowledged
2014-05-28 12:59:21.360 Commands Accepted by Q330
2014-05-28 12:59:21.360 Access timeout: 300 sec
2014-05-28 12:59:21.360 Control Port 4023 Opened
2014-05-28 12:59:21.360 Data Port 4024 Opened
2014-05-28 12:59:21.360 Registered with Q330
2014-05-28 12:59:21.360 Combination Record Received
2014-05-28 12:59:21.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-28 12:59:21.360 Link Reset, starting window sequence: 60647
2014-05-28 12:59:21.360 GPS Receiver ID Received
2014-05-28 12:59:21.360 Manufacturer's Data Received, Property Tag=2017
2014-05-28 12:59:21.360 Digitizer Gain & Offsets Received
2014-05-28 12:59:21.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4417 recs.
seq end: 4488818
2014-05-28 12:59:21.360 Baler clock set to 2014-05-28 12:59:20
2014-05-28 12:59:21.360 Starting to Read DP Tokens
2014-05-28 12:59:21.360 DP Tokens loaded, size=1474 bytes
2014-05-28 12:59:21.360 Webserver advertising 192.168.200.119:5380
2014-05-28 12:59:21.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-28 12:59:21.360 filters & delay HH1:2@100,Linear all=0.320000
2014-05-28 12:59:21.360 filters & delay HH2:3@100,Linear all=0.320000
2014-05-28 12:59:21.360 filters & delay BDH:4@20,Linear all=1.650000
2014-05-28 12:59:21.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-28 12:59:21.360 filters & delay LH1:2@1,Linear all=15.000000
2014-05-28 12:59:21.360 filters & delay LH2:3@1,Linear all=15.000000
2014-05-28 12:59:21.360 filters & delay LDH:4@1,Linear all=15.000000
2014-05-28 12:59:21.360 [2014-05-28 00:58:29.000000] continuity found: 4488818
454553909.000000 Q=100
2014-05-28 12:59:21.360 [2014-05-28 00:58:29.000000] restoring continuity
2014-05-28 12:59:21.360 Sending DT_OPEN
2014-05-28 12:59:21.360 Station: XX-2017
2014-05-28 12:59:21.360 Q330 Serial Number: 0100000DB18FC351
2014-05-28 12:59:21.360 AMB Serial Number: 0100000B6909DD82
2014-05-28 12:59:21.360 Seismo 1 Serial Number: 0000000000000000
2014-05-28 12:59:21.360 Seismo 2 Serial Number: 0000000000000000
2014-05-28 12:59:21.360 QAPCHP 1 Serial Number: 4643206
2014-05-28 12:59:21.360 QAPCHP 2 Serial Number: 3743050
2014-05-28 12:59:21.360 KMI Property Tag Number: 2017
2014-05-28 12:59:21.360 System Software Version: 1.146
2014-05-28 12:59:21.360 Slave Processor Version: 1.11
2014-05-28 12:59:21.360 Calibrator Type: QCAL330
2014-05-28 12:59:21.360 Calibrator Version: 1.8
2014-05-28 12:59:21.360 Auxiliary Board Type: None
2014-05-28 12:59:21.360 Clock Type: Motorola M12
2014-05-28 12:59:21.360 PLD Version: 7.9
2014-05-28 12:59:21.360 Total Hours: 66401.43
2014-05-28 12:59:21.360 Power On Hours: 31031.81
2014-05-28 12:59:21.360 Time of Last Boot: 2014-04-06 02:03:58
2014-05-28 12:59:21.360 Total Number of Boots: 120
2014-05-28 12:59:21.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-28 12:59:21.360 Total Number of Re-Syncs: 213
2014-05-28 12:59:21.360 Status Inputs: 00000000
2014-05-28 12:59:21.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-28 12:59:21.360 Clock Quality: 100%
2014-05-28 12:59:21.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-28 12:59:21.360 Clock Phase: 0 usec. max allowed=50000
2014-05-28 12:59:21.360 Boom positions:
2014-05-28 12:59:21.360 Ch1: -2 Ch2: 5 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-28 12:59:21.360 Analog Status
2014-05-28 12:59:21.360 Analog Positive Supply: 5.46V

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2014-05-28 12:59:21.360 Input Voltage: 13.35V  
 2014-05-28 12:59:21.360 System Temperature: 5C  
 2014-05-28 12:59:21.360 Main Current: 61ma  
 2014-05-28 12:59:21.360 Antenna Current: 0ma  
 2014-05-28 12:59:21.360 GPS Status  
 2014-05-28 12:59:21.360 Time: 12:59:20  
 2014-05-28 12:59:21.360 Date:  
 2014-05-28 12:59:21.360 Fix Type: 1-D  
 2014-05-28 12:59:21.360 Height:  
 2014-05-28 12:59:21.360 Latitude:  
 2014-05-28 12:59:21.360 Longitude:  
 2014-05-28 12:59:21.360 On Time: 0min  
 2014-05-28 12:59:21.360 Sat. Used: 0  
 2014-05-28 12:59:21.360 In View: 0  
 2014-05-28 12:59:21.360 Checksum Errors: 0  
 2014-05-28 12:59:21.360 Last GPS timemark: 2014-05-28 12:59:19  
 2014-05-28 12:59:21.360 PLL Status  
 2014-05-28 12:59:21.360 State: Lock  
 2014-05-28 12:59:21.360 Initial VCO: 2200.874023  
 2014-05-28 12:59:21.360 Time Error: 0.000000  
 2014-05-28 12:59:21.360 RMS VCO: 0.0000000  
 2014-05-28 12:59:21.360 Best VCO: 2200.91  
 2014-05-28 12:59:21.360 Seconds Since Track or Lock: 0.0  
 2014-05-28 12:59:21.360 Vco Control: 2201  
 2014-05-28 12:59:21.360 timing mode: external seascan  
 2014-05-28 12:59:21.360 tempco normal  
 2014-05-28 12:59:21.360 PLL update: 10s PLL lock criterion: 5us  
 2014-05-28 12:59:21.360 Pfrac: 150.00  
 2014-05-28 12:59:21.360 VCO slope: -0.0175000  
 2014-05-28 12:59:21.360 VCO intercept: 7.1100001  
 2014-05-28 12:59:21.360 Km delta: 600.0000000  
 2014-05-28 12:59:21.360 Logical Port 4 Status  
 2014-05-28 12:59:21.360 Data Packets Sent: 5238533  
 2014-05-28 12:59:21.360 Flood Packets Sent: 0  
 2014-05-28 12:59:21.360 Packets Re-Sent: 7270  
 2014-05-28 12:59:21.360 Sequence Errors: 0  
 2014-05-28 12:59:21.360 Packet Buffer Used: 21717820  
 2014-05-28 12:59:21.360 Physical Port: Ethernet  
 2014-05-28 12:59:21.360 Baler Model: 14 Software Version: 2.28  
 2014-05-28 12:59:21.360 MAC Address: 00:04:FB:00:02:EA  
 2014-05-28 12:59:21.360 Disk Size: 20000669696  
 2014-05-28 12:59:21.360 Percent of 1177 data files in use: 11.4  
 2014-05-28 12:59:21.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-28 12:59:21.360 Channel Sensitivities (uV per count):  
 2014-05-28 12:59:21.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-28 12:59:21.360 Digitizer Calibration Results:  
 2014-05-28 12:59:21.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-28 12:59:21.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-28 12:59:21.360 Supply Voltage=12.6  
 2014-05-28 12:59:21.360 Supply Current=0.41  
 2014-05-28 12:59:21.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-28 12:59:21.360 WebLink Data Maps Restored  
 2014-05-28 12:59:21.360 [2014-05-28 00:58:29.000000] sequence resumes: 4488818 to 4488818  
 2014-05-28 12:59:21.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-28 12:59:20  
 2014-05-28 13:04:43.120 Reducing Status Polling Interval  
 2014-05-28 13:04:43.120 [2014-05-28 13:04:42.999998] total packets received: 44647  
 2014-05-28 13:04:43.120 [2014-05-28 13:04:42.999998] command timeouts: 6  
 2014-05-28 13:04:43.120 [2014-05-28 13:04:42.999998] out of window: 58  
 2014-05-28 13:04:43.120 written: HHZ-1144 HH1-1331 HH2-1344 BDH-436 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-28 13:04:43.120 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24

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VMZ-2 VM1-2  
 2014-05-28 13:04:43.120 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2014-05-28 13:04:43.120 [2014-05-28 13:04:42.999998] Done: 4399 recs. seq end: 4532392. run: 317 s  
 2014-05-29 01:05:35.350  
 2014-05-29 01:05:35.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-29 01:05:35.350 Control Port 2491 Opened  
 2014-05-29 01:05:35.350 Baler ready on Ethernet  
 2014-05-29 01:05:35.350 Power Cycled Baler Acknowledged  
 2014-05-29 01:05:35.350 Commands Accepted by Q330  
 2014-05-29 01:05:35.350 Access timeout: 300 sec  
 2014-05-29 01:05:35.350 Control Port 4023 Opened  
 2014-05-29 01:05:35.350 Data Port 4024 Opened  
 2014-05-29 01:05:35.350 Registered with Q330  
 2014-05-29 01:05:35.350 Combination Record Received  
 2014-05-29 01:05:35.350 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-29 01:05:35.350 Link Reset, starting window sequence: 39665  
 2014-05-29 01:05:35.350 GPS Receiver ID Received  
 2014-05-29 01:05:35.350 Manufacturer's Data Received, Property Tag=2017  
 2014-05-29 01:05:35.350 Digitizer Gain & Offsets Received  
 2014-05-29 01:05:35.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4399 recs. seq end: 4532392  
 2014-05-29 01:05:35.350 Baler clock set to 2014-05-29 01:05:34  
 2014-05-29 01:05:35.350 Starting to Read DP Tokens  
 2014-05-29 01:05:35.350 DP Tokens loaded, size=1474 bytes  
 2014-05-29 01:05:35.350 Webserver advertising 192.168.200.119:5380  
 2014-05-29 01:05:35.350 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-29 01:05:35.350 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-29 01:05:35.350 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-29 01:05:35.350 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-29 01:05:35.350 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-29 01:05:35.350 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-29 01:05:35.350 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-29 01:05:35.350 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-29 01:05:35.350 [2014-05-28 13:04:42.999998] continuity found: 4532392  
 454597483.000000 Q=100  
 2014-05-29 01:05:35.350 [2014-05-28 13:04:42.999998] restoring continuity  
 2014-05-29 01:05:35.350 Sending DT\_OPEN  
 2014-05-29 01:05:35.350 Station: XX-2017  
 2014-05-29 01:05:35.350 Q330 Serial Number: 0100000DB18FC351  
 2014-05-29 01:05:35.350 AMB Serial Number: 0100000B6909DD82  
 2014-05-29 01:05:35.350 Seismo 1 Serial Number: 0000000000000000  
 2014-05-29 01:05:35.350 Seismo 2 Serial Number: 0000000000000000  
 2014-05-29 01:05:35.350 QAPCHP 1 Serial Number: 4643206  
 2014-05-29 01:05:35.350 QAPCHP 2 Serial Number: 3743050  
 2014-05-29 01:05:35.350 KMI Property Tag Number: 2017  
 2014-05-29 01:05:35.350 System Software Version: 1.146  
 2014-05-29 01:05:35.350 Slave Processor Version: 1.11  
 2014-05-29 01:05:35.350 Calibrator Type: QCAL330  
 2014-05-29 01:05:35.350 Calibrator Version: 1.8  
 2014-05-29 01:05:35.350 Auxiliary Board Type: None  
 2014-05-29 01:05:35.350 Clock Type: Motorola M12  
 2014-05-29 01:05:35.350 PLD Version: 7.9  
 2014-05-29 01:05:35.350 Total Hours: 66413.53  
 2014-05-29 01:05:35.350 Power On Hours: 31043.92  
 2014-05-29 01:05:35.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-29 01:05:35.350 Total Number of Boots: 120  
 2014-05-29 01:05:35.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-29 01:05:35.350 Total Number of Re-Syncs: 213  
 2014-05-29 01:05:35.350 Status Inputs: 00000000  
 2014-05-29 01:05:35.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-29 01:05:35.350 Clock Quality: 100%  
 2014-05-29 01:05:35.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

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2014-05-29 01:05:35.350 Clock Phase: 0 usec. max allowed=50000  
 2014-05-29 01:05:35.350 Boom positions:  
 2014-05-29 01:05:35.350 Ch1: -2 Ch2: 5 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-29 01:05:35.350 Analog Status  
 2014-05-29 01:05:35.350 Analog Positive Supply: 5.46V  
 2014-05-29 01:05:35.350 Input Voltage: 13.20V  
 2014-05-29 01:05:35.350 System Temperature: 5C  
 2014-05-29 01:05:35.350 Main Current: 62ma  
 2014-05-29 01:05:35.350 Antenna Current: 0ma  
 2014-05-29 01:05:35.350 GPS Status  
 2014-05-29 01:05:35.350 Time: 01:05:34  
 2014-05-29 01:05:35.350 Date:  
 2014-05-29 01:05:35.350 Fix Type: 1-D  
 2014-05-29 01:05:35.350 Height:  
 2014-05-29 01:05:35.350 Latitude:  
 2014-05-29 01:05:35.350 Longitude:  
 2014-05-29 01:05:35.350 On Time: 0min  
 2014-05-29 01:05:35.350 Sat. Used: 0  
 2014-05-29 01:05:35.350 In View: 0  
 2014-05-29 01:05:35.350 Checksum Errors: 0  
 2014-05-29 01:05:35.350 Last GPS timemark: 2014-05-29 01:05:33  
 2014-05-29 01:05:35.350 PLL Status  
 2014-05-29 01:05:35.350 State: Lock  
 2014-05-29 01:05:35.350 Initial VCO: 2200.159424  
 2014-05-29 01:05:35.350 Time Error: -0.000001  
 2014-05-29 01:05:35.350 RMS VCO: 0.0000000  
 2014-05-29 01:05:35.350 Best VCO: 2200.03  
 2014-05-29 01:05:35.350 Seconds Since Track or Lock: 0.0  
 2014-05-29 01:05:35.350 Vco Control: 2200  
 2014-05-29 01:05:35.350 timing mode: external seascan  
 2014-05-29 01:05:35.350 tempco normal  
 2014-05-29 01:05:35.350 PLL update: 10s PLL lock criterion: 5us  
 2014-05-29 01:05:35.350 Pfrac: 150.00  
 2014-05-29 01:05:35.350 VCO slope: -0.0175000  
 2014-05-29 01:05:35.350 VCO intercept: 7.1100001  
 2014-05-29 01:05:35.350 km delta: 600.0000000  
 2014-05-29 01:05:35.350 Logical Port 4 Status  
 2014-05-29 01:05:35.350 Data Packets Sent: 5283092  
 2014-05-29 01:05:35.350 Flood Packets Sent: 0  
 2014-05-29 01:05:35.350 Packets Re-Sent: 7344  
 2014-05-29 01:05:35.350 Sequence Errors: 0  
 2014-05-29 01:05:35.350 Packet Buffer Used: 22092396  
 2014-05-29 01:05:35.350 Physical Port: Ethernet  
 2014-05-29 01:05:35.350 Baler Model: 14 Software Version: 2.28  
 2014-05-29 01:05:35.350 MAC Address: 00:04:FB:00:02:EA  
 2014-05-29 01:05:35.350 Disk Size: 20000669696  
 2014-05-29 01:05:35.350 Percent of 1177 data files in use: 11.5  
 2014-05-29 01:05:35.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-29 01:05:35.350 Channel Sensitivities (uV per count):  
 2014-05-29 01:05:35.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-29 01:05:35.350 Digitizer Calibration Results:  
 2014-05-29 01:05:35.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-29 01:05:35.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-29 01:05:35.350 DMU1 Software Version=10  
 2014-05-29 01:05:35.350 Supply voltage=12.7  
 2014-05-29 01:05:35.350 Supply Current=0.40  
 2014-05-29 01:05:35.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-29 01:05:35.350 webLink Data Maps Restored  
 2014-05-29 01:05:35.350 [2014-05-28 13:04:42.999998] sequence resumes: 4532392 to  
 4532392  
 2014-05-29 01:05:35.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-29 01:05:34  
 2014-05-29 01:10:33.650 [2014-05-29 00:00:00.000000] saving Configuration to Backup

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Memory

2014-05-29 01:10:33.650 Reducing Status Polling Interval  
2014-05-29 01:10:33.650 [2014-05-29 01:11:04.000000] total packets received: 47103  
2014-05-29 01:10:33.650 [2014-05-29 01:11:04.000000] command timeouts: 6  
2014-05-29 01:10:33.650 [2014-05-29 01:11:04.000000] out of window: 60  
2014-05-29 01:10:33.650 written: HHZ-1164 HH1-1375 HH2-1366 BDH-440 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-05-29 01:10:33.650 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-25  
VMZ-2 VM1-2  
2014-05-29 01:10:33.650 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
2014-05-29 01:10:33.650 [2014-05-29 01:11:04.000000] Done: 4487 recs. seq end:  
4575973. run: 325 s  
2014-05-29 13:11:58.350  
2014-05-29 13:11:58.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-05-29 13:11:58.350 Control Port 2491 Opened  
2014-05-29 13:11:58.350 Baler ready on Ethernet  
2014-05-29 13:11:58.350 Power Cycled Baler Acknowledged  
2014-05-29 13:11:58.350 Commands Accepted by Q330  
2014-05-29 13:11:58.350 Access timeout: 300 sec  
2014-05-29 13:11:58.350 Control Port 4023 Opened  
2014-05-29 13:11:58.350 Data Port 4024 Opened  
2014-05-29 13:11:58.350 Registered with Q330  
2014-05-29 13:11:58.350 Combination Record Received  
2014-05-29 13:11:58.350 window=4 Min. Timeout=10 Max. Timeout=30  
2014-05-29 13:11:58.350 Link Reset, starting window sequence: 21137  
2014-05-29 13:11:58.350 GPS Receiver ID Received  
2014-05-29 13:11:58.350 Manufacturer's Data Received, Property Tag=2017  
2014-05-29 13:11:58.350 Digitizer Gain & Offsets Received  
2014-05-29 13:11:58.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4487 recs.  
seq end: 4575973  
2014-05-29 13:11:58.350 Baler clock set to 2014-05-29 13:11:57  
2014-05-29 13:11:58.350 Starting to Read DP Tokens  
2014-05-29 13:11:58.350 DP Tokens loaded, size=1474 bytes  
2014-05-29 13:11:58.350 webserver advertising 192.168.200.119:5380  
2014-05-29 13:11:58.350 filters & delay HHZ:1@100,Linear all=0.320000  
2014-05-29 13:11:58.350 filters & delay HH1:2@100,Linear all=0.320000  
2014-05-29 13:11:58.350 filters & delay HH2:3@100,Linear all=0.320000  
2014-05-29 13:11:58.350 filters & delay BDH:4@20,Linear all=1.650000  
2014-05-29 13:11:58.350 filters & delay LHZ:1@1,Linear all=15.000000  
2014-05-29 13:11:58.350 filters & delay LH1:2@1,Linear all=15.000000  
2014-05-29 13:11:58.350 filters & delay LH2:3@1,Linear all=15.000000  
2014-05-29 13:11:58.350 filters & delay LDH:4@1,Linear all=15.000000  
2014-05-29 13:11:58.350 [2014-05-29 01:11:04.000000] continuity found: 4575973  
454641064.000000 Q=100  
2014-05-29 13:11:58.350 [2014-05-29 01:11:04.000000] restoring continuity  
2014-05-29 13:11:58.350 Sending DT\_OPEN  
2014-05-29 13:11:58.350 Station: XX-2017  
2014-05-29 13:11:58.350 Q330 Serial Number: 0100000DB18FC351  
2014-05-29 13:11:58.350 AMB Serial Number: 0100000B6909DD82  
2014-05-29 13:11:58.350 Seismo 1 Serial Number: 0000000000000000  
2014-05-29 13:11:58.350 Seismo 2 Serial Number: 0000000000000000  
2014-05-29 13:11:58.350 QAPCHP 1 Serial Number: 4643206  
2014-05-29 13:11:58.350 QAPCHP 2 Serial Number: 3743050  
2014-05-29 13:11:58.350 KMI Property Tag Number: 2017  
2014-05-29 13:11:58.350 System Software Version: 1.146  
2014-05-29 13:11:58.350 Slave Processor Version: 1.11  
2014-05-29 13:11:58.350 Calibrator Type: QCAL330  
2014-05-29 13:11:58.350 Calibrator Version: 1.8  
2014-05-29 13:11:58.350 Auxiliary Board Type: None  
2014-05-29 13:11:58.350 Clock Type: Motorola M12  
2014-05-29 13:11:58.350 PLD Version: 7.9  
2014-05-29 13:11:58.350 Total Hours: 66425.64  
2014-05-29 13:11:58.350 Power On Hours: 31056.02

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2014-05-29 13:11:58.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-29 13:11:58.350 Total Number of Boots: 120  
 2014-05-29 13:11:58.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-29 13:11:58.350 Total Number of Re-Syncs: 213  
 2014-05-29 13:11:58.350 Status Inputs: 00000000  
 2014-05-29 13:11:58.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-29 13:11:58.350 Clock Quality: 100%  
 2014-05-29 13:11:58.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-29 13:11:58.350 Boom positions:  
 2014-05-29 13:11:58.350 Ch1: -2 ch2: 5 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-05-29 13:11:58.350 Analog Status  
 2014-05-29 13:11:58.350 Analog Positive Supply: 5.46V  
 2014-05-29 13:11:58.350 Input Voltage: 13.20V  
 2014-05-29 13:11:58.350 System Temperature: 5C  
 2014-05-29 13:11:58.350 Main Current: 62ma  
 2014-05-29 13:11:58.350 Antenna Current: 0ma  
 2014-05-29 13:11:58.350 GPS Status  
 2014-05-29 13:11:58.350 Time: 13:11:57  
 2014-05-29 13:11:58.350 Date:  
 2014-05-29 13:11:58.350 Fix Type: 1-D  
 2014-05-29 13:11:58.350 Height:  
 2014-05-29 13:11:58.350 Latitude:  
 2014-05-29 13:11:58.350 Longitude:  
 2014-05-29 13:11:58.350 On Time: 0min  
 2014-05-29 13:11:58.350 Sat. Used: 0  
 2014-05-29 13:11:58.350 In View: 0  
 2014-05-29 13:11:58.350 Checksum Errors: 0  
 2014-05-29 13:11:58.350 Last GPS timemark: 2014-05-29 13:11:56  
 2014-05-29 13:11:58.350 PLL Status  
 2014-05-29 13:11:58.350 State: Lock  
 2014-05-29 13:11:58.350 Initial VCO: 2201.223877  
 2014-05-29 13:11:58.350 Time Error: 0.000000  
 2014-05-29 13:11:58.350 RMS VCO: 0.0000000  
 2014-05-29 13:11:58.350 Best VCO: 2201.12  
 2014-05-29 13:11:58.350 Seconds Since Track or Lock: 0.0  
 2014-05-29 13:11:58.350 Vco Control: 2201  
 2014-05-29 13:11:58.350 timing mode: external seascan  
 2014-05-29 13:11:58.350 tempco normal  
 2014-05-29 13:11:58.350 PLL update: 10s PLL lock criterion: 5us  
 2014-05-29 13:11:58.350 Pfrac: 150.00  
 2014-05-29 13:11:58.350 VCO slope: -0.0175000  
 2014-05-29 13:11:58.350 VCO intercept: 7.1100001  
 2014-05-29 13:11:58.350 km delta: 600.0000000  
 2014-05-29 13:11:58.350 Logical Port 4 Status  
 2014-05-29 13:11:58.350 Data Packets Sent: 5330105  
 2014-05-29 13:11:58.350 Flood Packets Sent: 0  
 2014-05-29 13:11:58.350 Packets Re-Sent: 7417  
 2014-05-29 13:11:58.350 Sequence Errors: 0  
 2014-05-29 13:11:58.350 Packet Buffer Used: 22024516  
 2014-05-29 13:11:58.350 Physical Port: Ethernet  
 2014-05-29 13:11:58.350 Baler Model: 14 Software Version: 2.28  
 2014-05-29 13:11:58.350 MAC Address: 00:04:FB:00:02:EA  
 2014-05-29 13:11:58.350 Disk Size: 20000669696  
 2014-05-29 13:11:58.350 Percent of 1177 data files in use: 11.6  
 2014-05-29 13:11:58.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-29 13:11:58.350 Channel Sensitivities (uV per count):  
 2014-05-29 13:11:58.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-29 13:11:58.350 Digitizer Calibration Results:  
 2014-05-29 13:11:58.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-29 13:11:58.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-29 13:11:58.350 DMU1 Software Version=10  
 2014-05-29 13:11:58.350 Supply Voltage=12.7  
 2014-05-29 13:11:58.350 Supply Current=0.41

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2014-05-29 13:11:58.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-29 13:11:58.350 WebLink Data Maps Restored  
 2014-05-29 13:11:58.350 [2014-05-29 01:11:04.000000] sequence resumes: 4575973 to 4575973  
 2014-05-29 13:11:58.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-29 13:11:57  
 2014-05-29 13:17:23.780 Reducing Status Polling Interval  
 2014-05-29 13:17:23.780 [2014-05-29 13:17:22.999998] total packets received: 45015  
 2014-05-29 13:17:23.780 [2014-05-29 13:17:22.999998] command timeouts: 6  
 2014-05-29 13:17:23.780 [2014-05-29 13:17:22.999998] out of window: 57  
 2014-05-29 13:17:23.780 written: HHZ-1163 HH1-1349 HH2-1378 BDH-440 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-05-29 13:17:23.780 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-1 VM1-1  
 2014-05-29 13:17:23.780 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-05-29 13:17:23.780 [2014-05-29 13:17:22.999998] Done: 4465 recs. seq end: 4619552. run: 321 s  
 2014-05-30 01:18:15.360  
 2014-05-30 01:18:15.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-30 01:18:15.360 Control Port 2491 Opened  
 2014-05-30 01:18:15.360 Baler ready on Ethernet  
 2014-05-30 01:18:15.360 Power Cycled Baler Acknowledged  
 2014-05-30 01:18:15.360 Commands Accepted by Q330  
 2014-05-30 01:18:15.360 Access timeout: 300 sec  
 2014-05-30 01:18:15.360 Control Port 4023 Opened  
 2014-05-30 01:18:15.360 Data Port 4024 Opened  
 2014-05-30 01:18:15.360 Registered with Q330  
 2014-05-30 01:18:15.360 Combination Record Received  
 2014-05-30 01:18:15.360 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-30 01:18:15.360 Link Reset, starting window sequence: 524  
 2014-05-30 01:18:15.360 GPS Receiver ID Received  
 2014-05-30 01:18:15.360 Manufacturer's Data Received, Property Tag=2017  
 2014-05-30 01:18:15.360 Digitizer Gain & Offsets Received  
 2014-05-30 01:18:15.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4465 recs. seq end: 4619552  
 2014-05-30 01:18:15.360 Baler clock set to 2014-05-30 01:18:14  
 2014-05-30 01:18:15.360 Starting to Read DP Tokens  
 2014-05-30 01:18:15.360 DP Tokens loaded, size=1474 bytes  
 2014-05-30 01:18:15.360 Webserver advertising 192.168.200.119:5380  
 2014-05-30 01:18:15.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-30 01:18:15.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-30 01:18:15.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-30 01:18:15.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-30 01:18:15.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-30 01:18:15.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-30 01:18:15.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-30 01:18:15.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-30 01:18:15.360 [2014-05-29 13:17:22.999998] continuity found: 4619552  
 454684643.000000 Q=100  
 2014-05-30 01:18:15.360 [2014-05-29 13:17:22.999998] restoring continuity  
 2014-05-30 01:18:15.360 Sending DT\_OPEN  
 2014-05-30 01:18:15.360 Station: XX-2017  
 2014-05-30 01:18:15.360 Q330 Serial Number: 0100000DB18FC351  
 2014-05-30 01:18:15.360 AMB Serial Number: 0100000B6909DD82  
 2014-05-30 01:18:15.360 Seismo 1 Serial Number: 0000000000000000  
 2014-05-30 01:18:15.360 Seismo 2 Serial Number: 0000000000000000  
 2014-05-30 01:18:15.360 QAPCHP 1 Serial Number: 4643206  
 2014-05-30 01:18:15.360 QAPCHP 2 Serial Number: 3743050  
 2014-05-30 01:18:15.360 KMI Property Tag Number: 2017  
 2014-05-30 01:18:15.360 System Software Version: 1.146  
 2014-05-30 01:18:15.360 Slave Processor Version: 1.11  
 2014-05-30 01:18:15.360 Calibrator Type: QCAL330  
 2014-05-30 01:18:15.360 Calibrator Version: 1.8



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2014-05-30 01:18:15.360 Auxiliary Board Type: None  
 2014-05-30 01:18:15.360 Clock Type: Motorola M12  
 2014-05-30 01:18:15.360 PLD Version: 7.9  
 2014-05-30 01:18:15.360 Total Hours: 66437.74  
 2014-05-30 01:18:15.360 Power On Hours: 31068.13  
 2014-05-30 01:18:15.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-30 01:18:15.360 Total Number of Boots: 120  
 2014-05-30 01:18:15.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-30 01:18:15.360 Total Number of Re-Syncs: 213  
 2014-05-30 01:18:15.360 Status Inputs: 00000000  
 2014-05-30 01:18:15.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-30 01:18:15.360 Clock Quality: 100%  
 2014-05-30 01:18:15.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-30 01:18:15.360 Clock Phase: 1 usec. max allowed=50000  
 2014-05-30 01:18:15.360 Boom positions:  
 2014-05-30 01:18:15.360 ch1: -2 ch2: 4 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-05-30 01:18:15.360 Analog Status  
 2014-05-30 01:18:15.360 Analog Positive Supply: 5.46V  
 2014-05-30 01:18:15.360 Input Voltage: 13.20V  
 2014-05-30 01:18:15.360 System Temperature: 5C  
 2014-05-30 01:18:15.360 Main Current: 62ma  
 2014-05-30 01:18:15.360 Antenna Current: 0ma  
 2014-05-30 01:18:15.360 GPS Status  
 2014-05-30 01:18:15.360 Time: 01:18:14  
 2014-05-30 01:18:15.360 Date:  
 2014-05-30 01:18:15.360 Fix Type: 1-D  
 2014-05-30 01:18:15.360 Height:  
 2014-05-30 01:18:15.360 Latitude:  
 2014-05-30 01:18:15.360 Longitude:  
 2014-05-30 01:18:15.360 On Time: 0min  
 2014-05-30 01:18:15.360 Sat. Used: 0  
 2014-05-30 01:18:15.360 In View: 0  
 2014-05-30 01:18:15.360 Checksum Errors: 0  
 2014-05-30 01:18:15.360 Last GPS timemark: 2014-05-30 01:18:13  
 2014-05-30 01:18:15.360 PLL Status  
 2014-05-30 01:18:15.360 State: Lock  
 2014-05-30 01:18:15.360 Initial VCO: 2201.207764  
 2014-05-30 01:18:15.360 Time Error: -0.000001  
 2014-05-30 01:18:15.360 RMS VCO: 0.0000000  
 2014-05-30 01:18:15.360 Best VCO: 2201.33  
 2014-05-30 01:18:15.360 Seconds Since Track or Lock: 0.0  
 2014-05-30 01:18:15.360 Vco Control: 2202  
 2014-05-30 01:18:15.360 timing mode: external seascan  
 2014-05-30 01:18:15.360 tempco normal  
 2014-05-30 01:18:15.360 PLL update: 10s PLL lock criterion: 5us  
 2014-05-30 01:18:15.360 Pfrac: 150.00  
 2014-05-30 01:18:15.360 VCO slope: -0.0175000  
 2014-05-30 01:18:15.360 VCO intercept: 7.1100001  
 2014-05-30 01:18:15.360 km delta: 600.0000000  
 2014-05-30 01:18:15.360 Logical Port 4 Status  
 2014-05-30 01:18:15.360 Data Packets Sent: 5375033  
 2014-05-30 01:18:15.360 Flood Packets Sent: 0  
 2014-05-30 01:18:15.360 Packets Re-Sent: 7488  
 2014-05-30 01:18:15.360 Sequence Errors: 0  
 2014-05-30 01:18:15.360 Packet Buffer Used: 22348720  
 2014-05-30 01:18:15.360 Physical Port: Ethernet  
 2014-05-30 01:18:15.360 Baler Model: 14 Software Version: 2.28  
 2014-05-30 01:18:15.360 MAC Address: 00:04:FB:00:02:EA  
 2014-05-30 01:18:15.360 Disk Size: 20000669696  
 2014-05-30 01:18:15.360 Percent of 1177 data files in use: 11.6  
 2014-05-30 01:18:15.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-30 01:18:15.360 Channel sensitivities (uV per count):  
 2014-05-30 01:18:15.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2014-05-30 01:18:15.360 Digitizer Calibration Results:
2014-05-30 01:18:15.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-30 01:18:15.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-30 01:18:15.360 DMU1 Software Version=10
2014-05-30 01:18:15.360 Supply Voltage=12.8
2014-05-30 01:18:15.360 Supply Current=0.41
2014-05-30 01:18:15.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-30 01:18:15.360 webLink Data Maps Restored
2014-05-30 01:18:15.360 [2014-05-29 13:17:22.999998] sequence resumes: 4619552 to
4619552
2014-05-30 01:18:15.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-30 01:18:14
2014-05-30 01:23:00.910 [2014-05-30 00:00:00.000000] saving Configuration to Backup
Memory
2014-05-30 01:23:00.910 Reducing Status Polling Interval
2014-05-30 01:23:00.910 [2014-05-30 01:23:44.999998] total packets received: 46075
2014-05-30 01:23:00.910 [2014-05-30 01:23:44.999998] command timeouts: 6
2014-05-30 01:23:00.910 [2014-05-30 01:23:44.999998] out of window: 63
2014-05-30 01:23:00.910 written: HHZ-1181 HH1-1365 HH2-1423 BDH-443 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-05-30 01:23:00.910 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-05-30 01:23:00.910 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-05-30 01:23:00.910 [2014-05-30 01:23:44.999998] Done: 4555 recs. seq end:
4663134. run: 325 s
2014-05-30 13:24:36.320
2014-05-30 13:24:36.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-30 13:24:36.320 Control Port 2491 Opened
2014-05-30 13:24:36.320 Baler ready on Ethernet
2014-05-30 13:24:36.320 Power Cycled Baler Acknowledged
2014-05-30 13:24:36.320 Commands Accepted by Q330
2014-05-30 13:24:36.320 Access timeout: 300 sec
2014-05-30 13:24:36.320 Control Port 4023 Opened
2014-05-30 13:24:36.320 Data Port 4024 Opened
2014-05-30 13:24:36.320 Registered with Q330
2014-05-30 13:24:36.320 Combination Record Received
2014-05-30 13:24:36.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-05-30 13:24:36.320 Link Reset, starting window sequence: 46501
2014-05-30 13:24:36.320 GPS Receiver ID Received
2014-05-30 13:24:36.320 Digitizer Gain & Offsets Received
2014-05-30 13:24:36.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4555 recs.
seq end: 4663134
2014-05-30 13:24:36.320 Baler clock set to 2014-05-30 13:24:35
2014-05-30 13:24:36.320 Starting to Read DP Tokens
2014-05-30 13:24:36.320 DP Tokens loaded, size=1474 bytes
2014-05-30 13:24:36.320 webserver advertising 192.168.200.119:5380
2014-05-30 13:24:36.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-30 13:24:36.320 filters & delay HH1:2@100,Linear all=0.320000
2014-05-30 13:24:36.320 filters & delay HH2:3@100,Linear all=0.320000
2014-05-30 13:24:36.320 filters & delay BDH:4@20,Linear all=1.650000
2014-05-30 13:24:36.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-30 13:24:36.320 filters & delay LH1:2@1,Linear all=15.000000
2014-05-30 13:24:36.320 filters & delay LH2:3@1,Linear all=15.000000
2014-05-30 13:24:36.320 filters & delay LDH:4@1,Linear all=15.000000
2014-05-30 13:24:36.320 [2014-05-30 01:23:44.999998] continuity found: 4663134
454728225.000000 Q=100
2014-05-30 13:24:36.320 [2014-05-30 01:23:44.999998] restoring continuity
2014-05-30 13:24:36.320 Sending DT_OPEN
2014-05-30 13:24:36.320 Station: XX-2017
2014-05-30 13:24:36.320 Q330 Serial Number: 0100000DB18FC351
2014-05-30 13:24:36.320 AMB Serial Number: 0100000B6909DD82
2014-05-30 13:24:36.320 Seismo 1 Serial Number: 0000000000000000
2014-05-30 13:24:36.320 Seismo 2 Serial Number: 0000000000000000

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2014-05-30 13:24:36.320 QAPCHP 1 Serial Number: 4643206  
 2014-05-30 13:24:36.320 QAPCHP 2 Serial Number: 3743050  
 2014-05-30 13:24:36.320 KMI Property Tag Number: 2017  
 2014-05-30 13:24:36.320 System Software Version: 1.146  
 2014-05-30 13:24:36.320 Slave Processor Version: 1.11  
 2014-05-30 13:24:36.320 Calibrator Type: QCAL330  
 2014-05-30 13:24:36.320 Calibrator Version: 1.8  
 2014-05-30 13:24:36.320 Auxiliary Board Type: None  
 2014-05-30 13:24:36.320 Clock Type: Motorola M12  
 2014-05-30 13:24:36.320 PLD Version: 7.9  
 2014-05-30 13:24:36.320 Total Hours: 66449.85  
 2014-05-30 13:24:36.320 Power On Hours: 31080.24  
 2014-05-30 13:24:36.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-30 13:24:36.320 Total Number of Boots: 120  
 2014-05-30 13:24:36.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-30 13:24:36.320 Total Number of Re-Syncs: 213  
 2014-05-30 13:24:36.320 Status Inputs: 00000000  
 2014-05-30 13:24:36.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-30 13:24:36.320 Clock Quality: 100%  
 2014-05-30 13:24:36.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-30 13:24:36.320 Clock Phase: 0 usec. max allowed=50000  
 2014-05-30 13:24:36.320 Boom positions:  
 2014-05-30 13:24:36.320 ch1: -2 ch2: 3 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-05-30 13:24:36.320 Analog Status  
 2014-05-30 13:24:36.320 Analog Positive Supply: 5.46V  
 2014-05-30 13:24:36.320 Input Voltage: 13.20V  
 2014-05-30 13:24:36.320 System Temperature: 5C  
 2014-05-30 13:24:36.320 Main Current: 62ma  
 2014-05-30 13:24:36.320 Antenna Current: 0ma  
 2014-05-30 13:24:36.320 GPS Status  
 2014-05-30 13:24:36.320 Time: 13:24:35  
 2014-05-30 13:24:36.320 Date:  
 2014-05-30 13:24:36.320 Fix Type: 1-D  
 2014-05-30 13:24:36.320 Height:  
 2014-05-30 13:24:36.320 Latitude:  
 2014-05-30 13:24:36.320 Longitude:  
 2014-05-30 13:24:36.320 On Time: 0min  
 2014-05-30 13:24:36.320 Sat. Used: 0  
 2014-05-30 13:24:36.320 In View: 0  
 2014-05-30 13:24:36.320 Checksum Errors: 0  
 2014-05-30 13:24:36.320 Last GPS timemark: 2014-05-30 13:24:34  
 2014-05-30 13:24:36.320 PLL Status  
 2014-05-30 13:24:36.320 State: Lock  
 2014-05-30 13:24:36.320 Initial VCO: 2200.849854  
 2014-05-30 13:24:36.320 Time Error: 0.000000  
 2014-05-30 13:24:36.320 RMS VCO: 0.0000000  
 2014-05-30 13:24:36.320 Best VCO: 2201.20  
 2014-05-30 13:24:36.320 Seconds Since Track or Lock: 0.0  
 2014-05-30 13:24:36.320 vco Control: 2201  
 2014-05-30 13:24:36.320 timing mode: external seascan  
 2014-05-30 13:24:36.320 tempco normal  
 2014-05-30 13:24:36.320 PLL update: 10s PLL lock criterion: 5us  
 2014-05-30 13:24:36.320 Pfrac: 150.00  
 2014-05-30 13:24:36.320 VCO slope: -0.0175000  
 2014-05-30 13:24:36.320 VCO intercept: 7.1100001  
 2014-05-30 13:24:36.320 km delta: 600.0000000  
 2014-05-30 13:24:36.320 Logical Port 4 Status  
 2014-05-30 13:24:36.320 Data Packets Sent: 5421015  
 2014-05-30 13:24:36.320 Flood Packets Sent: 0  
 2014-05-30 13:24:36.320 Packets Re-Sent: 7567  
 2014-05-30 13:24:36.320 Sequence Errors: 0  
 2014-05-30 13:24:36.320 Packet Buffer Used: 21890816  
 2014-05-30 13:24:36.320 Physical Port: Ethernet

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2014-05-30 13:24:36.320 Baler Model: 14 Software Version: 2.28  
 2014-05-30 13:24:36.320 MAC Address: 00:04:FB:00:02:EA  
 2014-05-30 13:24:36.320 Disk Size: 20000669696  
 2014-05-30 13:24:36.320 Percent of 1177 data files in use: 11.7  
 2014-05-30 13:24:36.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-05-30 13:24:36.320 Channel Sensitivities (uV per count):  
 2014-05-30 13:24:36.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-05-30 13:24:36.320 Digitizer Calibration Results:  
 2014-05-30 13:24:36.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-05-30 13:24:36.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-05-30 13:24:36.320 DMU1 Software Version=10  
 2014-05-30 13:24:36.320 Supply Voltage=12.7  
 2014-05-30 13:24:36.320 Supply Current=0.40  
 2014-05-30 13:24:36.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-05-30 13:24:36.320 WebLink Data Maps Restored  
 2014-05-30 13:24:36.320 [2014-05-30 01:23:44.999998] sequence resumes: 4663134 to 4663134  
 2014-05-30 13:24:36.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-05-30 13:24:35  
 2014-05-30 13:30:02.080 Reducing Status Polling Interval  
 2014-05-30 13:30:02.080 [2014-05-30 13:30:01.999998] total packets received: 45195  
 2014-05-30 13:30:02.080 [2014-05-30 13:30:01.999998] command timeouts: 6  
 2014-05-30 13:30:02.080 [2014-05-30 13:30:01.999998] out of window: 64  
 2014-05-30 13:30:02.080 written: HHZ-1148 HH1-1344 HH2-1370 BDH-438 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-05-30 13:30:02.080 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-05-30 13:30:02.080 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-05-30 13:30:02.080 [2014-05-30 13:30:01.999998] Done: 4441 recs. seq end:  
 4706711. run: 321 s  
 2014-05-31 01:30:55.410  
 2014-05-31 01:30:55.410 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-05-31 01:30:55.410 Control Port 2491 Opened  
 2014-05-31 01:30:55.410 Baler ready on Ethernet  
 2014-05-31 01:30:55.410 Power Cycled Baler Acknowledged  
 2014-05-31 01:30:55.410 Commands Accepted by Q330  
 2014-05-31 01:30:55.410 Access timeout: 300 sec  
 2014-05-31 01:30:55.410 Control Port 4023 Opened  
 2014-05-31 01:30:55.410 Data Port 4024 Opened  
 2014-05-31 01:30:55.410 Registered with Q330  
 2014-05-31 01:30:55.410 Combination Record Received  
 2014-05-31 01:30:55.410 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-05-31 01:30:55.410 Link Reset, starting window sequence: 26061  
 2014-05-31 01:30:55.410 GPS Receiver ID Received  
 2014-05-31 01:30:55.410 Manufacturer's Data Received, Property Tag=2017  
 2014-05-31 01:30:55.410 Digitizer Gain & Offsets Received  
 2014-05-31 01:30:55.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4441 recs.  
 seq end: 4706711  
 2014-05-31 01:30:55.410 Baler clock set to 2014-05-31 01:30:54  
 2014-05-31 01:30:55.410 Starting to Read DP Tokens  
 2014-05-31 01:30:55.410 DP Tokens loaded, size=1474 bytes  
 2014-05-31 01:30:55.410 webserver advertising 192.168.200.119:5380  
 2014-05-31 01:30:55.410 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-05-31 01:30:55.410 filters & delay HH1:2@100,Linear all=0.320000  
 2014-05-31 01:30:55.410 filters & delay HH2:3@100,Linear all=0.320000  
 2014-05-31 01:30:55.410 filters & delay BDH:4@20,Linear all=1.650000  
 2014-05-31 01:30:55.410 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-05-31 01:30:55.410 filters & delay LH1:2@1,Linear all=15.000000  
 2014-05-31 01:30:55.410 filters & delay LH2:3@1,Linear all=15.000000  
 2014-05-31 01:30:55.410 filters & delay LDH:4@1,Linear all=15.000000  
 2014-05-31 01:30:55.410 [2014-05-30 13:30:01.999998] continuity found: 4706711  
 454771802.000000 Q=100  
 2014-05-31 01:30:55.410 [2014-05-30 13:30:01.999998] restoring continuity

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2014-05-31 01:30:55.410 Sending DT\_OPEN  
 2014-05-31 01:30:55.410 Station: XX-2017  
 2014-05-31 01:30:55.410 Q330 Serial Number: 0100000DB18FC351  
 2014-05-31 01:30:55.410 AMB Serial Number: 0100000B6909DD82  
 2014-05-31 01:30:55.410 Seismo 1 Serial Number: 0000000000000000  
 2014-05-31 01:30:55.410 Seismo 2 Serial Number: 0000000000000000  
 2014-05-31 01:30:55.410 QAPCHP 1 Serial Number: 4643206  
 2014-05-31 01:30:55.410 QAPCHP 2 Serial Number: 3743050  
 2014-05-31 01:30:55.410 KMI Property Tag Number: 2017  
 2014-05-31 01:30:55.410 System Software Version: 1.146  
 2014-05-31 01:30:55.410 Slave Processor Version: 1.11  
 2014-05-31 01:30:55.410 Calibrator Type: QCAL330  
 2014-05-31 01:30:55.410 Calibrator Version: 1.8  
 2014-05-31 01:30:55.410 Auxiliary Board Type: None  
 2014-05-31 01:30:55.410 Clock Type: Motorola M12  
 2014-05-31 01:30:55.410 PLD Version: 7.9  
 2014-05-31 01:30:55.410 Total Hours: 66461.96  
 2014-05-31 01:30:55.410 Power On Hours: 31092.34  
 2014-05-31 01:30:55.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-05-31 01:30:55.410 Total Number of Boots: 120  
 2014-05-31 01:30:55.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-05-31 01:30:55.410 Total Number of Re-Syncs: 213  
 2014-05-31 01:30:55.410 Status Inputs: 00000000  
 2014-05-31 01:30:55.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-05-31 01:30:55.410 Clock Quality: 100%  
 2014-05-31 01:30:55.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-05-31 01:30:55.410 Clock Phase: 1 usec. max allowed=50000  
 2014-05-31 01:30:55.410 Boom positions:  
 2014-05-31 01:30:55.410 Ch1: -2 Ch2: 2 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-05-31 01:30:55.410 Analog Status  
 2014-05-31 01:30:55.410 Analog Positive Supply: 5.46V  
 2014-05-31 01:30:55.410 Input Voltage: 13.20V  
 2014-05-31 01:30:55.410 System Temperature: 5C  
 2014-05-31 01:30:55.410 Main Current: 63ma  
 2014-05-31 01:30:55.410 Antenna Current: 0ma  
 2014-05-31 01:30:55.410 GPS Status  
 2014-05-31 01:30:55.410 Time: 01:30:54  
 2014-05-31 01:30:55.410 Date:  
 2014-05-31 01:30:55.410 Fix Type: 1-D  
 2014-05-31 01:30:55.410 Height:  
 2014-05-31 01:30:55.410 Latitude:  
 2014-05-31 01:30:55.410 Longitude:  
 2014-05-31 01:30:55.410 On Time: 0min  
 2014-05-31 01:30:55.410 Sat. Used: 0  
 2014-05-31 01:30:55.410 In View: 0  
 2014-05-31 01:30:55.410 Checksum Errors: 0  
 2014-05-31 01:30:55.410 Last GPS timemark: 2014-05-31 01:30:53  
 2014-05-31 01:30:55.410 PLL Status  
 2014-05-31 01:30:55.410 State: Lock  
 2014-05-31 01:30:55.410 Initial VCO: 2200.000000  
 2014-05-31 01:30:55.410 Time Error: 0.000000  
 2014-05-31 01:30:55.410 RMS VCO: 0.0000000  
 2014-05-31 01:30:55.410 Best VCO: 2200.00  
 2014-05-31 01:30:55.410 Seconds Since Track or Lock: 0.0  
 2014-05-31 01:30:55.410 Vco Control: 2200  
 2014-05-31 01:30:55.410 timing mode: external seascan  
 2014-05-31 01:30:55.410 tempco normal  
 2014-05-31 01:30:55.410 PLL update: 10s PLL lock criterion: 5us  
 2014-05-31 01:30:55.410 Pfrac: 150.00  
 2014-05-31 01:30:55.410 VCO slope: -0.0175000  
 2014-05-31 01:30:55.410 VCO intercept: 7.1100001  
 2014-05-31 01:30:55.410 km delta: 600.0000000  
 2014-05-31 01:30:55.410 Logical Port 4 Status

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2014-05-31 01:30:55.410 Data Packets Sent: 5466116
2014-05-31 01:30:55.410 Flood Packets Sent: 0
2014-05-31 01:30:55.410 Packets Re-Sent: 7649
2014-05-31 01:30:55.410 Sequence Errors: 0
2014-05-31 01:30:55.410 Packet Buffer Used: 22076196
2014-05-31 01:30:55.410 Physical Port: Ethernet
2014-05-31 01:30:55.410 MAC Address: 00:04:FB:00:02:EA
2014-05-31 01:30:55.410 Disk Size: 20000669696
2014-05-31 01:30:55.410 Percent of 1177 data files in use: 11.8
2014-05-31 01:30:55.410 Channels Enabled: 1234 Preamps ON channels:
2014-05-31 01:30:55.410 Channel Sensitivities (uV per count):
2014-05-31 01:30:55.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-31 01:30:55.410 Digitizer Calibration Results:
2014-05-31 01:30:55.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-31 01:30:55.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-31 01:30:55.410 DMU1 Software Version=10
2014-05-31 01:30:55.410 Supply Voltage=12.7
2014-05-31 01:30:55.410 Supply Current=0.41
2014-05-31 01:30:55.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-31 01:30:55.410 webLink Data Maps Restored
2014-05-31 01:30:55.410 [2014-05-30 13:30:01.999998] sequence resumes: 4706711 to
4706711
2014-05-31 01:30:55.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-05-31 01:30:54
2014-05-31 01:35:33.120 [2014-05-31 00:00:00.000000] saving Configuration to Backup
Memory
2014-05-31 01:35:33.120 Reducing Status Polling Interval
2014-05-31 01:35:33.120 [2014-05-31 01:36:19.000000] total packets received: 47348
2014-05-31 01:35:33.120 [2014-05-31 01:36:19.000000] command timeouts: 6
2014-05-31 01:35:33.120 [2014-05-31 01:36:19.000000] out of window: 50
2014-05-31 01:35:33.120 written: HHZ-1187 HH1-1352 HH2-1375 BDH-428 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-05-31 01:35:33.120 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-05-31 01:35:33.120 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-05-31 01:35:33.120 [2014-05-31 01:36:19.000000] Done: 4478 recs. seq end:
4750288. run: 320 s
2014-05-31 13:37:13.410
2014-05-31 13:37:13.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-05-31 13:37:13.410 Control Port 2491 Opened
2014-05-31 13:37:13.410 Baler ready on Ethernet
2014-05-31 13:37:13.410 Power Cycled Baler Acknowledged
2014-05-31 13:37:13.410 Commands Accepted by Q330
2014-05-31 13:37:13.410 Access timeout: 300 sec
2014-05-31 13:37:13.410 Control Port 4023 Opened
2014-05-31 13:37:13.410 Data Port 4024 Opened
2014-05-31 13:37:13.410 Registered with Q330
2014-05-31 13:37:13.410 Combination Record Received
2014-05-31 13:37:13.410 Window=4 Min. Timeout=10 Max. Timeout=30
2014-05-31 13:37:13.410 Link Reset, starting window sequence: 7788
2014-05-31 13:37:13.410 GPS Receiver ID Received
2014-05-31 13:37:13.410 Manufacturer's Data Received, Property Tag=2017
2014-05-31 13:37:13.410 Digitizer Gain & Offsets Received
2014-05-31 13:37:13.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4478 recs.
seq end: 4750288
2014-05-31 13:37:13.410 Baler clock set to 2014-05-31 13:37:12
2014-05-31 13:37:13.410 Starting to Read DP Tokens
2014-05-31 13:37:13.410 DP Tokens loaded, size=1474 bytes
2014-05-31 13:37:13.410 webserver advertising 192.168.200.119:5380
2014-05-31 13:37:13.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-05-31 13:37:13.410 filters & delay HH1:2@100,Linear all=0.320000
2014-05-31 13:37:13.410 filters & delay HH2:3@100,Linear all=0.320000
2014-05-31 13:37:13.410 filters & delay BDH:4@20,Linear all=1.650000

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2014-05-31 13:37:13.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-05-31 13:37:13.410 filters & delay LH1:2@1,Linear all=15.000000
2014-05-31 13:37:13.410 filters & delay LH2:3@1,Linear all=15.000000
2014-05-31 13:37:13.410 filters & delay LDH:4@1,Linear all=15.000000
2014-05-31 13:37:13.410 [2014-05-31 01:36:19.000000] continuity found: 4750288
454815379.000000 Q=100
2014-05-31 13:37:13.410 [2014-05-31 01:36:19.000000] restoring continuity
2014-05-31 13:37:13.410 Sending DT_OPEN
2014-05-31 13:37:13.410 Station: XX-2017
2014-05-31 13:37:13.410 Q330 Serial Number: 0100000DB18FC351
2014-05-31 13:37:13.410 AMB Serial Number: 0100000B6909DD82
2014-05-31 13:37:13.410 Seismo 1 Serial Number: 0000000000000000
2014-05-31 13:37:13.410 Seismo 2 Serial Number: 0000000000000000
2014-05-31 13:37:13.410 QAPCHP 1 Serial Number: 4643206
2014-05-31 13:37:13.410 QAPCHP 2 Serial Number: 3743050
2014-05-31 13:37:13.410 KMI Property Tag Number: 2017
2014-05-31 13:37:13.410 System Software Version: 1.146
2014-05-31 13:37:13.410 Slave Processor Version: 1.11
2014-05-31 13:37:13.410 Calibrator Type: QCAL330
2014-05-31 13:37:13.410 Calibrator Version: 1.8
2014-05-31 13:37:13.410 Auxiliary Board Type: None
2014-05-31 13:37:13.410 Clock Type: Motorola M12
2014-05-31 13:37:13.410 PLD Version: 7.9
2014-05-31 13:37:13.410 Total Hours: 66474.06
2014-05-31 13:37:13.410 Power On Hours: 31104.45
2014-05-31 13:37:13.410 Time of Last Boot: 2014-04-06 02:03:58
2014-05-31 13:37:13.410 Total Number of Boots: 120
2014-05-31 13:37:13.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-05-31 13:37:13.410 Total Number of Re-Syncs: 213
2014-05-31 13:37:13.410 Status Inputs: 00000000
2014-05-31 13:37:13.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-05-31 13:37:13.410 Clock Quality: 100%
2014-05-31 13:37:13.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-05-31 13:37:13.410 Clock Phase: 0 usec. max allowed=50000
2014-05-31 13:37:13.410 Boom positions:
2014-05-31 13:37:13.410 Ch1: -2 Ch2: 1 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20
2014-05-31 13:37:13.410 Analog Status
2014-05-31 13:37:13.410 Analog Positive Supply: 5.46V
2014-05-31 13:37:13.410 Input Voltage: 13.35V
2014-05-31 13:37:13.410 System Temperature: 5C
2014-05-31 13:37:13.410 Main Current: 61ma
2014-05-31 13:37:13.410 Antenna Current: 0ma
2014-05-31 13:37:13.410 GPS Status
2014-05-31 13:37:13.410 Time: 13:37:12
2014-05-31 13:37:13.410 Date:
2014-05-31 13:37:13.410 Fix Type: 1-D
2014-05-31 13:37:13.410 Height:
2014-05-31 13:37:13.410 Latitude:
2014-05-31 13:37:13.410 Longitude:
2014-05-31 13:37:13.410 On Time: 0min
2014-05-31 13:37:13.410 Sat. Used: 0
2014-05-31 13:37:13.410 In View: 0
2014-05-31 13:37:13.410 Checksum Errors: 0
2014-05-31 13:37:13.410 Last GPS timemark: 2014-05-31 13:37:11
2014-05-31 13:37:13.410 PLL Status
2014-05-31 13:37:13.410 State: Lock
2014-05-31 13:37:13.410 Initial VCO: 2199.850586
2014-05-31 13:37:13.410 Time Error: 0.000000
2014-05-31 13:37:13.410 RMS VCO: 0.000000
2014-05-31 13:37:13.410 Best VCO: 2199.92
2014-05-31 13:37:13.410 Seconds Since Track or Lock: 0.0
2014-05-31 13:37:13.410 Vco Control: 2200
2014-05-31 13:37:13.410 timing mode: external seascan

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2014-05-31 13:37:13.410 tempco normal
2014-05-31 13:37:13.410 PLL update: 10s PLL lock criterion: 5us
2014-05-31 13:37:13.410 Pfrac: 150.00
2014-05-31 13:37:13.410 VCO slope: -0.0175000
2014-05-31 13:37:13.410 VCO intercept: 7.1100001
2014-05-31 13:37:13.410 km delta: 600.0000000
2014-05-31 13:37:13.410 Logical Port 4 Status
2014-05-31 13:37:13.410 Data Packets Sent: 5513384
2014-05-31 13:37:13.410 Flood Packets Sent: 0
2014-05-31 13:37:13.410 Packets Re-Sent: 7713
2014-05-31 13:37:13.410 Sequence Errors: 0
2014-05-31 13:37:13.410 Packet Buffer Used: 21511768
2014-05-31 13:37:13.410 Physical Port: Ethernet
2014-05-31 13:37:13.410 Baler Model: 14 Software Version: 2.28
2014-05-31 13:37:13.410 MAC Address: 00:04:FB:00:02:EA
2014-05-31 13:37:13.410 Disk Size: 20000669696
2014-05-31 13:37:13.410 Percent of 1177 data files in use: 11.9
2014-05-31 13:37:13.410 Channels Enabled: 1234 Preamps ON channels:
2014-05-31 13:37:13.410 Channel Sensitivities (uV per count):
2014-05-31 13:37:13.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-05-31 13:37:13.410 Digitizer Calibration Results:
2014-05-31 13:37:13.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-05-31 13:37:13.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-05-31 13:37:13.410 DMU1 Software Version=10
2014-05-31 13:37:13.410 Supply Voltage=12.7
2014-05-31 13:37:13.410 Supply Current=0.40
2014-05-31 13:37:13.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-05-31 13:37:13.410 WebLink Data Maps Restored
2014-05-31 13:37:13.410 [2014-05-31 01:36:19.000000] sequence resumes: 4750288 to
4750288
2014-05-31 13:37:13.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-05-31 13:37:12
2014-05-31 13:42:34.340 Reducing Status Polling Interval
2014-05-31 13:42:34.340 [2014-05-31 13:42:32.999998] total packets received: 44224
2014-05-31 13:42:34.340 [2014-05-31 13:42:32.999998] command timeouts: 6
2014-05-31 13:42:34.340 [2014-05-31 13:42:32.999998] out of window: 56
2014-05-31 13:42:34.340 written: HHZ-1132 HH1-1324 HH2-1326 BDH-427 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-05-31 13:42:34.340 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-05-31 13:42:34.340 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-05-31 13:42:34.340 [2014-05-31 13:42:32.999998] Done: 4346 recs. seq end:
4793862. run: 317 s
2014-06-01 01:43:29.320
2014-06-01 01:43:29.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-01 01:43:29.320 Control Port 2491 Opened
2014-06-01 01:43:29.320 Baler ready on Ethernet
2014-06-01 01:43:29.320 Power Cycled Baler Acknowledged
2014-06-01 01:43:29.320 Commands Accepted by Q330
2014-06-01 01:43:29.320 Access timeout: 300 sec
2014-06-01 01:43:29.320 Control Port 4023 Opened
2014-06-01 01:43:29.320 Data Port 4024 Opened
2014-06-01 01:43:29.320 Registered with Q330
2014-06-01 01:43:29.320 Combination Record Received
2014-06-01 01:43:29.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-01 01:43:29.320 Link Reset, starting window sequence: 51921
2014-06-01 01:43:29.320 GPS Receiver ID Received
2014-06-01 01:43:29.320 Manufacturer's Data Received, Property Tag=2017
2014-06-01 01:43:29.320 Digitizer Gain & Offsets Received
2014-06-01 01:43:29.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4346 recs.
seq end: 4793862
2014-06-01 01:43:29.320 Baler clock set to 2014-06-01 01:43:28
2014-06-01 01:43:29.320 Starting to Read DP Tokens

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2014-06-01 01:43:29.320 DP Tokens loaded, size=1474 bytes
2014-06-01 01:43:29.320 Webserver advertising 192.168.200.119:5380
2014-06-01 01:43:29.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-01 01:43:29.320 filters & delay HH1:2@100,Linear all=0.320000
2014-06-01 01:43:29.320 filters & delay HH2:3@100,Linear all=0.320000
2014-06-01 01:43:29.320 filters & delay BDH:4@20,Linear all=1.650000
2014-06-01 01:43:29.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-01 01:43:29.320 filters & delay LH1:2@1,Linear all=15.000000
2014-06-01 01:43:29.320 filters & delay LH2:3@1,Linear all=15.000000
2014-06-01 01:43:29.320 filters & delay LDH:4@1,Linear all=15.000000
2014-06-01 01:43:29.320 [2014-05-31 13:42:32.999998] continuity found: 4793862
454858953.000000 Q=100
2014-06-01 01:43:29.320 [2014-05-31 13:42:32.999998] restoring continuity
2014-06-01 01:43:29.320 Sending DT_OPEN
2014-06-01 01:43:29.320 Station: XX-2017
2014-06-01 01:43:29.320 Q330 Serial Number: 0100000DB18FC351
2014-06-01 01:43:29.320 AMB Serial Number: 0100000B6909DD82
2014-06-01 01:43:29.320 Seismo 1 Serial Number: 0000000000000000
2014-06-01 01:43:29.320 Seismo 2 Serial Number: 0000000000000000
2014-06-01 01:43:29.320 QAPCHP 1 Serial Number: 4643206
2014-06-01 01:43:29.320 QAPCHP 2 Serial Number: 3743050
2014-06-01 01:43:29.320 KMI Property Tag Number: 2017
2014-06-01 01:43:29.320 System Software Version: 1.146
2014-06-01 01:43:29.320 Slave Processor Version: 1.11
2014-06-01 01:43:29.320 Calibrator Type: QCAL330
2014-06-01 01:43:29.320 Calibrator Version: 1.8
2014-06-01 01:43:29.320 Auxiliary Board Type: None
2014-06-01 01:43:29.320 PLD Version: 7.9
2014-06-01 01:43:29.320 Total Hours: 66486.17
2014-06-01 01:43:29.320 Power On Hours: 31116.55
2014-06-01 01:43:29.320 Time of Last Boot: 2014-04-06 02:03:58
2014-06-01 01:43:29.320 Total Number of Boots: 120
2014-06-01 01:43:29.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-01 01:43:29.320 Total Number of Re-Syncs: 213
2014-06-01 01:43:29.320 Status Inputs: 00000000
2014-06-01 01:43:29.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-01 01:43:29.320 Clock Quality: 100%
2014-06-01 01:43:29.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-01 01:43:29.320 Clock Phase: 1 usec. max allowed=50000
2014-06-01 01:43:29.320 Boom positions:
2014-06-01 01:43:29.320 Ch1: -2 Ch2: 1 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-01 01:43:29.320 Analog Status
2014-06-01 01:43:29.320 Analog Positive Supply: 5.46V
2014-06-01 01:43:29.320 Input Voltage: 13.35V
2014-06-01 01:43:29.320 System Temperature: 5C
2014-06-01 01:43:29.320 Main Current: 61ma
2014-06-01 01:43:29.320 Antenna Current: 0ma
2014-06-01 01:43:29.320 GPS Status
2014-06-01 01:43:29.320 Time: 01:43:27
2014-06-01 01:43:29.320 Date:
2014-06-01 01:43:29.320 Fix Type: 1-D
2014-06-01 01:43:29.320 Height:
2014-06-01 01:43:29.320 Latitude:
2014-06-01 01:43:29.320 Longitude:
2014-06-01 01:43:29.320 On Time: 0min
2014-06-01 01:43:29.320 Sat. Used: 0
2014-06-01 01:43:29.320 In View: 0
2014-06-01 01:43:29.320 Checksum Errors: 0
2014-06-01 01:43:29.320 Last GPS timemark: 2014-06-01 01:43:26
2014-06-01 01:43:29.320 PLL Status
2014-06-01 01:43:29.320 State: Lock
2014-06-01 01:43:29.320 Initial VCO: 2200.242920
2014-06-01 01:43:29.320 Time Error: -0.000001

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2014-06-01 01:43:29.320 RMS VCO: 0.0000000  
 2014-06-01 01:43:29.320 Best VCO: 2200.56  
 2014-06-01 01:43:29.320 Seconds Since Track or Lock: 0.0  
 2014-06-01 01:43:29.320 Vco Control: 2200  
 2014-06-01 01:43:29.320 timing mode: external seascan  
 2014-06-01 01:43:29.320 tempco normal  
 2014-06-01 01:43:29.320 PLL update: 10s PLL lock criterion: 5us  
 2014-06-01 01:43:29.320 Pfrac: 150.00  
 2014-06-01 01:43:29.320 VCO slope: -0.0175000  
 2014-06-01 01:43:29.320 VCO intercept: 7.1100001  
 2014-06-01 01:43:29.320 Km delta: 600.0000000  
 2014-06-01 01:43:29.320 Logical Port 4 Status  
 2014-06-01 01:43:29.320 Data Packets Sent: 5557522  
 2014-06-01 01:43:29.320 Flood Packets Sent: 0  
 2014-06-01 01:43:29.320 Packets Re-Sent: 7788  
 2014-06-01 01:43:29.320 Sequence Errors: 0  
 2014-06-01 01:43:29.320 Packet Buffer Used: 22182044  
 2014-06-01 01:43:29.320 Physical Port: Ethernet  
 2014-06-01 01:43:29.320 Baler Model: 14 Software Version: 2.28  
 2014-06-01 01:43:29.320 MAC Address: 00:04:FB:00:02:EA  
 2014-06-01 01:43:29.320 Disk Size: 20000669696  
 2014-06-01 01:43:29.320 Percent of 1177 data files in use: 12.1  
 2014-06-01 01:43:29.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-01 01:43:29.320 Channel Sensitivities (uV per count):  
 2014-06-01 01:43:29.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-01 01:43:29.320 Digitizer Calibration Results:  
 2014-06-01 01:43:29.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-01 01:43:29.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-01 01:43:29.320 DMU1 Software Version=10  
 2014-06-01 01:43:29.320 Supply Voltage=12.7  
 2014-06-01 01:43:29.320 Supply Current=0.40  
 2014-06-01 01:43:29.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-01 01:43:29.320 WebLink Data Maps Restored  
 2014-06-01 01:43:29.320 [2014-05-31 13:42:32.999998] sequence resumes: 4793862 to  
 4793862  
 2014-06-01 01:43:29.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-01 01:43:28  
 2014-06-01 01:47:58.790 [2014-06-01 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-06-01 01:47:58.790 Reducing Status Polling Interval  
 2014-06-01 01:47:58.790 [2014-06-01 01:48:56.000000] total packets received: 46127  
 2014-06-01 01:47:58.790 [2014-06-01 01:48:56.000000] command timeouts: 6  
 2014-06-01 01:47:58.790 [2014-06-01 01:48:56.000000] out of window: 64  
 2014-06-01 01:47:58.790 written: HHZ-1149 HH1-1396 HH2-1402 BDH-431 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-06-01 01:47:58.790 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-06-01 01:47:58.790 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-06-01 01:47:58.790 [2014-06-01 01:48:56.000000] Done: 4523 recs. seq end:  
 4837445. run: 323 s  
 2014-06-01 13:49:48.360  
 2014-06-01 13:49:48.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-01 13:49:48.360 Control Port 2491 Opened  
 2014-06-01 13:49:48.360 Baler ready on Ethernet  
 2014-06-01 13:49:48.360 Power Cycled Baler Acknowledged  
 2014-06-01 13:49:48.360 Commands Accepted by Q330  
 2014-06-01 13:49:48.360 Access timeout: 300 sec  
 2014-06-01 13:49:48.360 Control Port 4023 Opened  
 2014-06-01 13:49:48.360 Data Port 4024 Opened  
 2014-06-01 13:49:48.360 Registered with Q330  
 2014-06-01 13:49:48.360 Combination Record Received  
 2014-06-01 13:49:48.360 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-01 13:49:48.360 Link Reset, starting window sequence: 32413

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2014-06-01 13:49:48.360 GPS Receiver ID Received  
 2014-06-01 13:49:48.360 Manufacturer's Data Received, Property Tag=2017  
 2014-06-01 13:49:48.360 Digitizer Gain & Offsets Received  
 2014-06-01 13:49:48.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4523 recs.  
 seq end: 4837445  
 2014-06-01 13:49:48.360 Baler clock set to 2014-06-01 13:49:47  
 2014-06-01 13:49:48.360 Starting to Read DP Tokens  
 2014-06-01 13:49:48.360 DP Tokens loaded, size=1474 bytes  
 2014-06-01 13:49:48.360 Webserver advertising 192.168.200.119:5380  
 2014-06-01 13:49:48.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-01 13:49:48.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-01 13:49:48.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-01 13:49:48.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-01 13:49:48.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-01 13:49:48.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-01 13:49:48.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-01 13:49:48.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-01 13:49:48.360 [2014-06-01 01:48:56.000000] continuity found: 4837445  
 454902536.000000 Q=100  
 2014-06-01 13:49:48.360 [2014-06-01 01:48:56.000000] restoring continuity  
 2014-06-01 13:49:48.360 Sending DT\_OPEN  
 2014-06-01 13:49:48.360 Station: XX-2017  
 2014-06-01 13:49:48.360 Q330 Serial Number: 0100000DB18FC351  
 2014-06-01 13:49:48.360 AMB Serial Number: 0100000B6909DD82  
 2014-06-01 13:49:48.360 Seismo 1 Serial Number: 0000000000000000  
 2014-06-01 13:49:48.360 Seismo 2 Serial Number: 0000000000000000  
 2014-06-01 13:49:48.360 QAPCHP 1 Serial Number: 4643206  
 2014-06-01 13:49:48.360 QAPCHP 2 Serial Number: 3743050  
 2014-06-01 13:49:48.360 KMI Property Tag Number: 2017  
 2014-06-01 13:49:48.360 System Software Version: 1.146  
 2014-06-01 13:49:48.360 Slave Processor Version: 1.11  
 2014-06-01 13:49:48.360 Calibrator Type: QCAL330  
 2014-06-01 13:49:48.360 Calibrator Version: 1.8  
 2014-06-01 13:49:48.360 Auxiliary Board Type: None  
 2014-06-01 13:49:48.360 Clock Type: Motorola M12  
 2014-06-01 13:49:48.360 PLD Version: 7.9  
 2014-06-01 13:49:48.360 Total Hours: 66498.27  
 2014-06-01 13:49:48.360 Power On Hours: 31128.66  
 2014-06-01 13:49:48.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-01 13:49:48.360 Total Number of Boots: 120  
 2014-06-01 13:49:48.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-01 13:49:48.360 Total Number of Re-Syncs: 213  
 2014-06-01 13:49:48.360 Status Inputs: 00000000  
 2014-06-01 13:49:48.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-01 13:49:48.360 Clock Quality: 100%  
 2014-06-01 13:49:48.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-01 13:49:48.360 Clock Phase: 0 usec. max allowed=50000  
 2014-06-01 13:49:48.360 Boom positions:  
 2014-06-01 13:49:48.360 ch1: -2 ch2: 1 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-06-01 13:49:48.360 Analog Status  
 2014-06-01 13:49:48.360 Analog Positive Supply: 5.46V  
 2014-06-01 13:49:48.360 Input Voltage: 13.35V  
 2014-06-01 13:49:48.360 System Temperature: 5C  
 2014-06-01 13:49:48.360 Main Current: 61ma  
 2014-06-01 13:49:48.360 Antenna Current: 0ma  
 2014-06-01 13:49:48.360 GPS Status  
 2014-06-01 13:49:48.360 Time: 13:49:47  
 2014-06-01 13:49:48.360 Date:  
 2014-06-01 13:49:48.360 Fix Type: 1-D  
 2014-06-01 13:49:48.360 Height:  
 2014-06-01 13:49:48.360 Latitude:  
 2014-06-01 13:49:48.360 Longitude:  
 2014-06-01 13:49:48.360 On Time: 0min

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2014-06-01 13:49:48.360 Sat. Used: 0  
 2014-06-01 13:49:48.360 In View: 0  
 2014-06-01 13:49:48.360 Checksum Errors: 0  
 2014-06-01 13:49:48.360 Last GPS timemark: 2014-06-01 13:49:46  
 2014-06-01 13:49:48.360 PLL Status  
 2014-06-01 13:49:48.360 State: Lock  
 2014-06-01 13:49:48.360 Initial VCO: 2200.487305  
 2014-06-01 13:49:48.360 Time Error: 0.000000  
 2014-06-01 13:49:48.360 RMS VCO: 0.000000  
 2014-06-01 13:49:48.360 Best VCO: 2200.51  
 2014-06-01 13:49:48.360 Seconds Since Track or Lock: 0.0  
 2014-06-01 13:49:48.360 Vco Control: 2201  
 2014-06-01 13:49:48.360 timing mode: external seascan  
 2014-06-01 13:49:48.360 tempco normal  
 2014-06-01 13:49:48.360 PLL update: 10s PLL lock criterion: 5us  
 2014-06-01 13:49:48.360 Pfrac: 150.00  
 2014-06-01 13:49:48.360 VCO slope: -0.0175000  
 2014-06-01 13:49:48.360 VCO intercept: 7.1100001  
 2014-06-01 13:49:48.360 Km delta: 600.0000000  
 2014-06-01 13:49:48.360 Logical Port 4 Status  
 2014-06-01 13:49:48.360 Data Packets Sent: 5603555  
 2014-06-01 13:49:48.360 Flood Packets Sent: 0  
 2014-06-01 13:49:48.360 Packets Re-Sent: 7863  
 2014-06-01 13:49:48.360 Sequence Errors: 0  
 2014-06-01 13:49:48.360 Packet Buffer Used: 22992552  
 2014-06-01 13:49:48.360 Physical Port: Ethernet  
 2014-06-01 13:49:48.360 Baler Model: 14 Software Version: 2.28  
 2014-06-01 13:49:48.360 MAC Address: 00:04:FB:00:02:EA  
 2014-06-01 13:49:48.360 Disk Size: 20000669696  
 2014-06-01 13:49:48.360 Percent of 1177 data files in use: 12.1  
 2014-06-01 13:49:48.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-01 13:49:48.360 Channel Sensitivities (uV per count):  
 2014-06-01 13:49:48.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-01 13:49:48.360 Digitizer Calibration Results:  
 2014-06-01 13:49:48.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-01 13:49:48.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-01 13:49:48.360 DMU1 Software Version=10  
 2014-06-01 13:49:48.360 Supply Voltage=12.7  
 2014-06-01 13:49:48.360 Supply Current=0.41  
 2014-06-01 13:49:48.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-01 13:49:48.360 webLink Data Maps Restored  
 2014-06-01 13:49:48.360 [2014-06-01 01:48:56.000000] sequence resumes: 4837445 to  
 4837445  
 2014-06-01 13:49:48.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-01 13:49:47  
 2014-06-01 13:55:28.020 Reducing Status Polling Interval  
 2014-06-01 13:55:28.020 [2014-06-01 13:55:26.999998] total packets received: 56076  
 2014-06-01 13:55:28.020 [2014-06-01 13:55:26.999998] command timeouts: 6  
 2014-06-01 13:55:28.020 [2014-06-01 13:55:26.999998] out of window: 55  
 2014-06-01 13:55:28.020 written: HHZ-1161 HH1-1465 HH2-1503 BDH-440 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-06-01 13:55:28.020 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-06-01 13:55:28.020 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-06-01 13:55:28.020 [2014-06-01 13:55:26.999998] Done: 4704 recs. seq end:  
 4881036. run: 336 s  
 2014-06-02 01:56:21.350  
 2014-06-02 01:56:21.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-02 01:56:21.350 Baler ready on Ethernet  
 2014-06-02 01:56:21.350 Power Cycled Baler Acknowledged  
 2014-06-02 01:56:21.350 Commands Accepted by Q330  
 2014-06-02 01:56:21.350 Access timeout: 300 sec  
 2014-06-02 01:56:21.350 Control Port 4023 Opened

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2014-06-02 01:56:21.350 Data Port 4024 Opened
2014-06-02 01:56:21.350 Registered with Q330
2014-06-02 01:56:21.350 Combination Record Received
2014-06-02 01:56:21.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-02 01:56:21.350 Link Reset, starting window sequence: 22861
2014-06-02 01:56:21.350 GPS Receiver ID Received
2014-06-02 01:56:21.350 Manufacturer's Data Received, Property Tag=2017
2014-06-02 01:56:21.350 Digitizer Gain & Offsets Received
2014-06-02 01:56:21.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4704 recs.
seq end: 4881036
2014-06-02 01:56:21.350 Baler clock set to 2014-06-02 01:56:20
2014-06-02 01:56:21.350 Starting to Read DP Tokens
2014-06-02 01:56:21.350 DP Tokens loaded, size=1474 bytes
2014-06-02 01:56:21.350 webserver advertising 192.168.200.119:5380
2014-06-02 01:56:21.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-02 01:56:21.350 filters & delay HH1:2@100,Linear all=0.320000
2014-06-02 01:56:21.350 filters & delay HH2:3@100,Linear all=0.320000
2014-06-02 01:56:21.350 filters & delay BDH:4@20,Linear all=1.650000
2014-06-02 01:56:21.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-02 01:56:21.350 filters & delay LH1:2@1,Linear all=15.000000
2014-06-02 01:56:21.350 filters & delay LH2:3@1,Linear all=15.000000
2014-06-02 01:56:21.350 filters & delay LDH:4@1,Linear all=15.000000
2014-06-02 01:56:21.350 [2014-06-01 13:55:26.999998] continuity found: 4881036
454946127.000000 Q=100
2014-06-02 01:56:21.350 [2014-06-01 13:55:26.999998] restoring continuity
2014-06-02 01:56:21.350 Sending DT_OPEN
2014-06-02 01:56:21.350 Station: XX-2017
2014-06-02 01:56:21.350 Q330 Serial Number: 0100000DB18FC351
2014-06-02 01:56:21.350 AMB Serial Number: 0100000B6909DD82
2014-06-02 01:56:21.350 Seismo 1 Serial Number: 0000000000000000
2014-06-02 01:56:21.350 Seismo 2 Serial Number: 0000000000000000
2014-06-02 01:56:21.350 QAPCHP 1 Serial Number: 4643206
2014-06-02 01:56:21.350 QAPCHP 2 Serial Number: 3743050
2014-06-02 01:56:21.350 KMI Property Tag Number: 2017
2014-06-02 01:56:21.350 System Software Version: 1.146
2014-06-02 01:56:21.350 Slave Processor Version: 1.11
2014-06-02 01:56:21.350 Calibrator Type: QCAL330
2014-06-02 01:56:21.350 Calibrator Version: 1.8
2014-06-02 01:56:21.350 Auxiliary Board Type: None
2014-06-02 01:56:21.350 Clock Type: Motorola M12
2014-06-02 01:56:21.350 PLD Version: 7.9
2014-06-02 01:56:21.350 Total Hours: 66510.38
2014-06-02 01:56:21.350 Power On Hours: 31140.77
2014-06-02 01:56:21.350 Time of Last Boot: 2014-04-06 02:03:58
2014-06-02 01:56:21.350 Total Number of Boots: 120
2014-06-02 01:56:21.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-02 01:56:21.350 Total Number of Re-Syncs: 213
2014-06-02 01:56:21.350 Status Inputs: 00000000
2014-06-02 01:56:21.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-02 01:56:21.350 Clock Quality: 100%
2014-06-02 01:56:21.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-02 01:56:21.350 Clock Phase: 0 usec. max allowed=50000
2014-06-02 01:56:21.350 Boom positions:
2014-06-02 01:56:21.350 ch1: -2 ch2: 1 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-06-02 01:56:21.350 Analog Status
2014-06-02 01:56:21.350 Analog Positive Supply: 5.46V
2014-06-02 01:56:21.350 Input Voltage: 13.35V
2014-06-02 01:56:21.350 System Temperature: 5C
2014-06-02 01:56:21.350 Main Current: 61ma
2014-06-02 01:56:21.350 Antenna Current: 0ma
2014-06-02 01:56:21.350 GPS Status
2014-06-02 01:56:21.350 Time: 01:56:20
2014-06-02 01:56:21.350 Date:

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2014-06-02 01:56:21.350 Fix Type: 1-D
2014-06-02 01:56:21.350 Height:
2014-06-02 01:56:21.350 Latitude:
2014-06-02 01:56:21.350 Longitude:
2014-06-02 01:56:21.350 On Time: 0min
2014-06-02 01:56:21.350 Sat. Used: 0
2014-06-02 01:56:21.350 In View: 0
2014-06-02 01:56:21.350 Checksum Errors: 0
2014-06-02 01:56:21.350 Last GPS timemark: 2014-06-02 01:56:19
2014-06-02 01:56:21.350 PLL Status
2014-06-02 01:56:21.350 State: Lock
2014-06-02 01:56:21.350 Initial VCO: 2200.685059
2014-06-02 01:56:21.350 Time Error: 0.000000
2014-06-02 01:56:21.350 RMS VCO: 0.000000
2014-06-02 01:56:21.350 Best VCO: 2200.70
2014-06-02 01:56:21.350 Seconds Since Track or Lock: 0.0
2014-06-02 01:56:21.350 Vco Control: 2201
2014-06-02 01:56:21.350 timing mode: external seascan
2014-06-02 01:56:21.350 tempco normal
2014-06-02 01:56:21.350 PLL update: 10s PLL lock criterion: 5us
2014-06-02 01:56:21.350 Pfrac: 150.00
2014-06-02 01:56:21.350 VCO slope: -0.0175000
2014-06-02 01:56:21.350 VCO intercept: 7.1100001
2014-06-02 01:56:21.350 km delta: 600.0000000
2014-06-02 01:56:21.350 Logical Port 4 Status
2014-06-02 01:56:21.350 Data Packets Sent: 5659545
2014-06-02 01:56:21.350 Flood Packets Sent: 0
2014-06-02 01:56:21.350 Packets Re-Sent: 7933
2014-06-02 01:56:21.350 Sequence Errors: 0
2014-06-02 01:56:21.350 Packet Buffer Used: 22142984
2014-06-02 01:56:21.350 Physical Port: Ethernet
2014-06-02 01:56:21.350 Baler Model: 14 Software Version: 2.28
2014-06-02 01:56:21.350 MAC Address: 00:04:FB:00:02:EA
2014-06-02 01:56:21.350 Disk Size: 20000669696
2014-06-02 01:56:21.350 Percent of 1177 data files in use: 12.1
2014-06-02 01:56:21.350 Channels Enabled: 1234 Preamps ON channels:
2014-06-02 01:56:21.350 Channel Sensitivities (uV per count):
2014-06-02 01:56:21.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-02 01:56:21.350 Digitizer Calibration Results:
2014-06-02 01:56:21.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-02 01:56:21.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-02 01:56:21.350 DMU1 Software Version=10
2014-06-02 01:56:21.350 Supply Voltage=12.7
2014-06-02 01:56:21.350 Supply Current=0.41
2014-06-02 01:56:21.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-02 01:56:21.350 WebLink Data Maps Restored
2014-06-02 01:56:21.350 [2014-06-01 13:55:26.999998] sequence resumes: 4881036 to
4881036
2014-06-02 01:56:21.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-02 01:56:20
2014-06-02 02:01:03.400 [2014-06-02 00:00:00.000000] Saving Configuration to Backup
Memory
2014-06-02 02:01:03.400 Reducing Status Polling Interval
2014-06-02 02:01:03.400 [2014-06-02 02:01:57.999998] total packets received: 50545
2014-06-02 02:01:03.400 [2014-06-02 02:01:57.999998] command timeouts: 6
2014-06-02 02:01:03.400 [2014-06-02 02:01:57.999998] out of window: 74
2014-06-02 02:01:03.400 written: HHZ-1146 HH1-1381 HH2-1389 BDH-442 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-02 02:01:03.400 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-02 02:01:03.400 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-06-02 02:01:03.400 [2014-06-02 02:01:57.999998] Done: 4499 recs. seq end:
4924627. run: 333 s

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2014-06-02 14:02:50.340
2014-06-02 14:02:50.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-02 14:02:50.340 Control Port 2491 Opened
2014-06-02 14:02:50.340 Baler ready on Ethernet
2014-06-02 14:02:50.340 Power Cycled Baler Acknowledged
2014-06-02 14:02:50.340 Commands Accepted by Q330
2014-06-02 14:02:50.340 Access timeout: 300 sec
2014-06-02 14:02:50.340 Control Port 4023 Opened
2014-06-02 14:02:50.340 Data Port 4024 Opened
2014-06-02 14:02:50.340 Registered with Q330
2014-06-02 14:02:50.340 Combination Record Received
2014-06-02 14:02:50.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-02 14:02:50.340 Link Reset, starting window sequence: 7760
2014-06-02 14:02:50.340 GPS Receiver ID Received
2014-06-02 14:02:50.340 Manufacturer's Data Received, Property Tag=2017
2014-06-02 14:02:50.340 Digitizer Gain & Offsets Received
2014-06-02 14:02:50.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4499 recs.
seq end: 4924627
2014-06-02 14:02:50.340 Baler clock set to 2014-06-02 14:02:49
2014-06-02 14:02:50.340 Starting to Read DP Tokens
2014-06-02 14:02:50.340 DP Tokens loaded, size=1474 bytes
2014-06-02 14:02:50.340 webserver advertising 192.168.200.119:5380
2014-06-02 14:02:50.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-02 14:02:50.340 filters & delay HH1:2@100,Linear all=0.320000
2014-06-02 14:02:50.340 filters & delay HH2:3@100,Linear all=0.320000
2014-06-02 14:02:50.340 filters & delay BDH:4@20,Linear all=1.650000
2014-06-02 14:02:50.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-02 14:02:50.340 filters & delay LH1:2@1,Linear all=15.000000
2014-06-02 14:02:50.340 filters & delay LH2:3@1,Linear all=15.000000
2014-06-02 14:02:50.340 filters & delay LDH:4@1,Linear all=15.000000
2014-06-02 14:02:50.340 [2014-06-02 02:01:57.999998] continuity found: 4924627
454989718.000000 Q=100
2014-06-02 14:02:50.340 [2014-06-02 02:01:57.999998] restoring continuity
2014-06-02 14:02:50.340 Sending DT_OPEN
2014-06-02 14:02:50.340 Station: XX-2017
2014-06-02 14:02:50.340 Q330 Serial Number: 0100000DB18FC351
2014-06-02 14:02:50.340 AMB Serial Number: 0100000B6909DD82
2014-06-02 14:02:50.340 Seismo 1 Serial Number: 0000000000000000
2014-06-02 14:02:50.340 Seismo 2 Serial Number: 0000000000000000
2014-06-02 14:02:50.340 QAPCHP 1 Serial Number: 4643206
2014-06-02 14:02:50.340 QAPCHP 2 Serial Number: 3743050
2014-06-02 14:02:50.340 KMI Property Tag Number: 2017
2014-06-02 14:02:50.340 System Software Version: 1.146
2014-06-02 14:02:50.340 Slave Processor Version: 1.11
2014-06-02 14:02:50.340 Calibrator Type: QCAL330
2014-06-02 14:02:50.340 Calibrator Version: 1.8
2014-06-02 14:02:50.340 Auxiliary Board Type: None
2014-06-02 14:02:50.340 Clock Type: Motorola M12
2014-06-02 14:02:50.340 PLD Version: 7.9
2014-06-02 14:02:50.340 Total Hours: 66522.49
2014-06-02 14:02:50.340 Power On Hours: 31152.87
2014-06-02 14:02:50.340 Time of Last Boot: 2014-04-06 02:03:58
2014-06-02 14:02:50.340 Total Number of Boots: 120
2014-06-02 14:02:50.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-02 14:02:50.340 Total Number of Re-Syncs: 213
2014-06-02 14:02:50.340 Status Inputs: 00000000
2014-06-02 14:02:50.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-02 14:02:50.340 Clock Quality: 100%
2014-06-02 14:02:50.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-02 14:02:50.340 Clock Phase: 0 usec. max allowed=50000
2014-06-02 14:02:50.340 Boom positions:
2014-06-02 14:02:50.340 ch1: -2 ch2: 0 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-06-02 14:02:50.340 Analog Status

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2014-06-02 14:02:50.340 Analog Positive Supply: 5.46V  
 2014-06-02 14:02:50.340 Input Voltage: 13.20V  
 2014-06-02 14:02:50.340 System Temperature: 5C  
 2014-06-02 14:02:50.340 Main Current: 61ma  
 2014-06-02 14:02:50.340 Antenna Current: 0ma  
 2014-06-02 14:02:50.340 GPS Status  
 2014-06-02 14:02:50.340 Time: 14:02:49  
 2014-06-02 14:02:50.340 Date:  
 2014-06-02 14:02:50.340 Fix Type: 1-D  
 2014-06-02 14:02:50.340 Height:  
 2014-06-02 14:02:50.340 Latitude:  
 2014-06-02 14:02:50.340 Longitude:  
 2014-06-02 14:02:50.340 On Time: 0min  
 2014-06-02 14:02:50.340 Sat. Used: 0  
 2014-06-02 14:02:50.340 In View: 0  
 2014-06-02 14:02:50.340 Checksum Errors: 0  
 2014-06-02 14:02:50.340 Last GPS timemark: 2014-06-02 14:02:48  
 2014-06-02 14:02:50.340 PLL Status  
 2014-06-02 14:02:50.340 State: Lock  
 2014-06-02 14:02:50.340 Initial VCO: 2201.284668  
 2014-06-02 14:02:50.340 Time Error: 0.000000  
 2014-06-02 14:02:50.340 RMS VCO: 0.000000  
 2014-06-02 14:02:50.340 Best VCO: 2201.27  
 2014-06-02 14:02:50.340 Vco Control: 2201  
 2014-06-02 14:02:50.340 timing mode: external seascan  
 2014-06-02 14:02:50.340 tempco normal  
 2014-06-02 14:02:50.340 PLL update: 10s PLL lock criterion: 5us  
 2014-06-02 14:02:50.340 Pfrac: 150.00  
 2014-06-02 14:02:50.340 VCO slope: -0.0175000  
 2014-06-02 14:02:50.340 VCO intercept: 7.1100001  
 2014-06-02 14:02:50.340 Km delta: 600.000000  
 2014-06-02 14:02:50.340 Logical Port 4 Status  
 2014-06-02 14:02:50.340 Data Packets Sent: 5709985  
 2014-06-02 14:02:50.340 Flood Packets Sent: 0  
 2014-06-02 14:02:50.340 Packets Re-Sent: 8021  
 2014-06-02 14:02:50.340 Sequence Errors: 0  
 2014-06-02 14:02:50.340 Packet Buffer Used: 21185940  
 2014-06-02 14:02:50.340 Physical Port: Ethernet  
 2014-06-02 14:02:50.340 Baler Model: 14 Software Version: 2.28  
 2014-06-02 14:02:50.340 MAC Address: 00:04:FB:00:02:EA  
 2014-06-02 14:02:50.340 Disk Size: 20000669696  
 2014-06-02 14:02:50.340 Percent of 1177 data files in use: 12.2  
 2014-06-02 14:02:50.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-02 14:02:50.340 Channel Sensitivities (uV per count):  
 2014-06-02 14:02:50.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-02 14:02:50.340 Digitizer Calibration Results:  
 2014-06-02 14:02:50.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-02 14:02:50.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-02 14:02:50.340 DMU1 Software Version=10  
 2014-06-02 14:02:50.340 Supply Voltage=12.6  
 2014-06-02 14:02:50.340 Supply Current=0.41  
 2014-06-02 14:02:50.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-02 14:02:50.340 WebLink Data Maps Restored  
 2014-06-02 14:02:50.340 [2014-06-02 02:01:57.999998] sequence resumes: 4924627 to 4924627  
 2014-06-02 14:02:50.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-02 14:02:49  
 2014-06-02 14:07:59.020 [2014-06-02 14:05:57.000000] total packets received: 43983  
 2014-06-02 14:07:59.020 [2014-06-02 14:05:57.000000] command timeouts: 6  
 2014-06-02 14:07:59.020 [2014-06-02 14:05:57.000000] out of window: 50  
 2014-06-02 14:07:59.020 written: HHZ-1119 HH1-1279 HH2-1277 BDH-438 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-06-02 14:07:59.020 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24



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```

VMZ-2 VM1-2
2014-06-02 14:07:59.020 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-02 14:07:59.020 [2014-06-02 14:05:57.000000] Done: 4255 recs. seq end:
4968066. run: 305 s
2014-06-03 02:08:54.330
2014-06-03 02:08:54.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-03 02:08:54.330 Control Port 2491 Opened
2014-06-03 02:08:54.330 Baler ready on Ethernet
2014-06-03 02:08:54.330 Power Cycled Baler Acknowledged
2014-06-03 02:08:54.330 Commands Accepted by Q330
2014-06-03 02:08:54.330 Access timeout: 300 sec
2014-06-03 02:08:54.330 Control Port 4023 Opened
2014-06-03 02:08:54.330 Data Port 4024 Opened
2014-06-03 02:08:54.330 Registered with Q330
2014-06-03 02:08:54.330 Combination Record Received
2014-06-03 02:08:54.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-03 02:08:54.330 Link Reset, starting window sequence: 51659
2014-06-03 02:08:54.330 GPS Receiver ID Received
2014-06-03 02:08:54.330 Manufacturer's Data Received, Property Tag=2017
2014-06-03 02:08:54.330 Digitizer Gain & Offsets Received
2014-06-03 02:08:54.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4255 recs.
seq end: 4968066
2014-06-03 02:08:54.330 Baler clock set to 2014-06-03 02:08:53
2014-06-03 02:08:54.330 Starting to Read DP Tokens
2014-06-03 02:08:54.330 DP Tokens loaded, size=1474 bytes
2014-06-03 02:08:54.330 Webserver advertising 192.168.200.119:5380
2014-06-03 02:08:54.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-03 02:08:54.330 filters & delay HH1:2@100,Linear all=0.320000
2014-06-03 02:08:54.330 filters & delay HH2:3@100,Linear all=0.320000
2014-06-03 02:08:54.330 filters & delay BDH:4@20,Linear all=1.650000
2014-06-03 02:08:54.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-03 02:08:54.330 filters & delay LH1:2@1,Linear all=15.000000
2014-06-03 02:08:54.330 filters & delay LH2:3@1,Linear all=15.000000
2014-06-03 02:08:54.330 filters & delay LDH:4@1,Linear all=15.000000
2014-06-03 02:08:54.330 [2014-06-02 14:05:57.000000] continuity found: 4968066
455033157.000000 Q=100
2014-06-03 02:08:54.330 [2014-06-02 14:05:57.000000] restoring continuity
2014-06-03 02:08:54.330 Sending DT_OPEN
2014-06-03 02:08:54.330 Station: XX-2017
2014-06-03 02:08:54.330 Q330 Serial Number: 0100000DB18FC351
2014-06-03 02:08:54.330 AMB Serial Number: 0100000B6909DD82
2014-06-03 02:08:54.330 Seismo 1 Serial Number: 0000000000000000
2014-06-03 02:08:54.330 Seismo 2 Serial Number: 0000000000000000
2014-06-03 02:08:54.330 QAPCHP 1 Serial Number: 4643206
2014-06-03 02:08:54.330 QAPCHP 2 Serial Number: 3743050
2014-06-03 02:08:54.330 KMI Property Tag Number: 2017
2014-06-03 02:08:54.330 System Software Version: 1.146
2014-06-03 02:08:54.330 Slave Processor Version: 1.11
2014-06-03 02:08:54.330 Calibrator Type: QCAL330
2014-06-03 02:08:54.330 Calibrator Version: 1.8
2014-06-03 02:08:54.330 Auxiliary Board Type: None
2014-06-03 02:08:54.330 Clock Type: Motorola M12
2014-06-03 02:08:54.330 PLD Version: 7.9
2014-06-03 02:08:54.330 Total Hours: 66534.59
2014-06-03 02:08:54.330 Power On Hours: 31164.98
2014-06-03 02:08:54.330 Time of Last Boot: 2014-04-06 02:03:58
2014-06-03 02:08:54.330 Total Number of Boots: 120
2014-06-03 02:08:54.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-03 02:08:54.330 Total Number of Re-Syncs: 213
2014-06-03 02:08:54.330 Status Inputs: 00000000
2014-06-03 02:08:54.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-03 02:08:54.330 Clock Quality: 100%
2014-06-03 02:08:54.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

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2014-06-03 02:08:54.330 Clock Phase: 0 usec. max allowed=50000  
 2014-06-03 02:08:54.330 Boom positions:  
 2014-06-03 02:08:54.330 Ch1: -2 Ch2: 0 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-03 02:08:54.330 Analog Status  
 2014-06-03 02:08:54.330 Analog Positive Supply: 5.46V  
 2014-06-03 02:08:54.330 Input Voltage: 13.35V  
 2014-06-03 02:08:54.330 System Temperature: 5C  
 2014-06-03 02:08:54.330 Main Current: 61ma  
 2014-06-03 02:08:54.330 Antenna Current: 0ma  
 2014-06-03 02:08:54.330 GPS Status  
 2014-06-03 02:08:54.330 Time: 02:08:53  
 2014-06-03 02:08:54.330 Date:  
 2014-06-03 02:08:54.330 Fix Type: 1-D  
 2014-06-03 02:08:54.330 Height:  
 2014-06-03 02:08:54.330 Latitude:  
 2014-06-03 02:08:54.330 Longitude:  
 2014-06-03 02:08:54.330 On Time: 0min  
 2014-06-03 02:08:54.330 Sat. Used: 0  
 2014-06-03 02:08:54.330 In View: 0  
 2014-06-03 02:08:54.330 Checksum Errors: 0  
 2014-06-03 02:08:54.330 Last GPS timemark: 2014-06-03 02:08:52  
 2014-06-03 02:08:54.330 PLL Status  
 2014-06-03 02:08:54.330 State: Lock  
 2014-06-03 02:08:54.330 Initial VCO: 2201.524658  
 2014-06-03 02:08:54.330 Time Error: 0.000000  
 2014-06-03 02:08:54.330 RMS VCO: 0.000000  
 2014-06-03 02:08:54.330 Best VCO: 2201.49  
 2014-06-03 02:08:54.330 Seconds Since Track or Lock: 0.0  
 2014-06-03 02:08:54.330 Vco Control: 2202  
 2014-06-03 02:08:54.330 timing mode: external seascan  
 2014-06-03 02:08:54.330 tempco normal  
 2014-06-03 02:08:54.330 PLL update: 10s PLL lock criterion: 5us  
 2014-06-03 02:08:54.330 Pfrac: 150.00  
 2014-06-03 02:08:54.330 VCO slope: -0.0175000  
 2014-06-03 02:08:54.330 VCO intercept: 7.1100001  
 2014-06-03 02:08:54.330 km delta: 600.0000000  
 2014-06-03 02:08:54.330 Logical Port 4 Status  
 2014-06-03 02:08:54.330 Data Packets Sent: 5753889  
 2014-06-03 02:08:54.330 Flood Packets Sent: 0  
 2014-06-03 02:08:54.330 Packets Re-Sent: 8092  
 2014-06-03 02:08:54.330 Sequence Errors: 0  
 2014-06-03 02:08:54.330 Packet Buffer Used: 21685388  
 2014-06-03 02:08:54.330 Physical Port: Ethernet  
 2014-06-03 02:08:54.330 Baler Model: 14 Software Version: 2.28  
 2014-06-03 02:08:54.330 MAC Address: 00:04:FB:00:02:EA  
 2014-06-03 02:08:54.330 Disk Size: 20000669696  
 2014-06-03 02:08:54.330 Percent of 1177 data files in use: 12.4  
 2014-06-03 02:08:54.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-03 02:08:54.330 Channel Sensitivities (uV per count):  
 2014-06-03 02:08:54.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-03 02:08:54.330 Digitizer Calibration Results:  
 2014-06-03 02:08:54.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-03 02:08:54.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-03 02:08:54.330 DMU1 Software Version=10  
 2014-06-03 02:08:54.330 Supply voltage=12.7  
 2014-06-03 02:08:54.330 Supply Current=0.41  
 2014-06-03 02:08:54.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-03 02:08:54.330 webLink Data Maps Restored  
 2014-06-03 02:08:54.330 [2014-06-02 14:05:57.000000] sequence resumes: 4968066 to  
 4968066  
 2014-06-03 02:08:54.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-03 02:08:53  
 2014-06-03 02:13:15.220 [2014-06-03 00:00:00.000000] saving Configuration to Backup

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Memory

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2014-06-03 02:14:17.620 Reducing Status Polling Interval
2014-06-03 02:14:17.620 [2014-06-03 02:14:16.999998] total packets received: 44898
2014-06-03 02:14:17.620 [2014-06-03 02:14:16.999998] command timeouts: 6
2014-06-03 02:14:17.620 [2014-06-03 02:14:16.999998] out of window: 53
2014-06-03 02:14:17.620 written: HHZ-1124 HH1-1336 HH2-1361 BDH-435 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-06-03 02:14:17.620 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-06-03 02:14:17.620 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-03 02:14:17.620 [2014-06-03 02:14:16.999998] Done: 4389 recs. seq end:
5011766. run: 319 s
2014-06-03 14:15:09.410
2014-06-03 14:15:09.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-03 14:15:09.410 Control Port 2491 Opened
2014-06-03 14:15:09.410 Baler ready on Ethernet
2014-06-03 14:15:09.410 Power Cycled Baler Acknowledged
2014-06-03 14:15:09.410 Commands Accepted by Q330
2014-06-03 14:15:09.410 Access timeout: 300 sec
2014-06-03 14:15:09.410 Control Port 4023 Opened
2014-06-03 14:15:09.410 Data Port 4024 Opened
2014-06-03 14:15:09.410 Registered with Q330
2014-06-03 14:15:09.410 Combination Record Received
2014-06-03 14:15:09.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-03 14:15:09.410 Link Reset, starting window sequence: 30932
2014-06-03 14:15:09.410 GPS Receiver ID Received
2014-06-03 14:15:09.410 Manufacturer's Data Received, Property Tag=2017
2014-06-03 14:15:09.410 Digitizer Gain & Offsets Received
2014-06-03 14:15:09.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4389 recs.
seq end: 5011766
2014-06-03 14:15:09.410 Baler clock set to 2014-06-03 14:15:08
2014-06-03 14:15:09.410 Starting to Read DP Tokens
2014-06-03 14:15:09.410 DP Tokens loaded, size=1474 bytes
2014-06-03 14:15:09.410 webserver advertising 192.168.200.119:5380
2014-06-03 14:15:09.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-03 14:15:09.410 filters & delay HH1:2@100,Linear all=0.320000
2014-06-03 14:15:09.410 filters & delay HH2:3@100,Linear all=0.320000
2014-06-03 14:15:09.410 filters & delay BDH:4@20,Linear all=1.650000
2014-06-03 14:15:09.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-03 14:15:09.410 filters & delay LH1:2@1,Linear all=15.000000
2014-06-03 14:15:09.410 filters & delay LH2:3@1,Linear all=15.000000
2014-06-03 14:15:09.410 filters & delay LDH:4@1,Linear all=15.000000
2014-06-03 14:15:09.410 [2014-06-03 02:14:16.999998] continuity found: 5011766
455076857.000000 Q=100
2014-06-03 14:15:09.410 [2014-06-03 02:14:16.999998] restoring continuity
2014-06-03 14:15:09.410 Sending DT_OPEN
2014-06-03 14:15:09.410 Q330 Serial Number: 0100000DB18FC351
2014-06-03 14:15:09.410 AMB Serial Number: 0100000B6909DD82
2014-06-03 14:15:09.410 Seismo 1 Serial Number: 0000000000000000
2014-06-03 14:15:09.410 Seismo 2 Serial Number: 0000000000000000
2014-06-03 14:15:09.410 QAPCHP 1 Serial Number: 4643206
2014-06-03 14:15:09.410 QAPCHP 2 Serial Number: 3743050
2014-06-03 14:15:09.410 KMI Property Tag Number: 2017
2014-06-03 14:15:09.410 System Software Version: 1.146
2014-06-03 14:15:09.410 Slave Processor Version: 1.11
2014-06-03 14:15:09.410 Calibrator Type: QCAL330
2014-06-03 14:15:09.410 Calibrator Version: 1.8
2014-06-03 14:15:09.410 Auxiliary Board Type: None
2014-06-03 14:15:09.410 Clock Type: Motorola M12
2014-06-03 14:15:09.410 PLD Version: 7.9
2014-06-03 14:15:09.410 Total Hours: 66546.70
2014-06-03 14:15:09.410 Power On Hours: 31177.08
2014-06-03 14:15:09.410 Time of Last Boot: 2014-04-06 02:03:58

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2014-06-03 14:15:09.410 Total Number of Boots: 120  
 2014-06-03 14:15:09.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-03 14:15:09.410 Total Number of Re-Syncs: 213  
 2014-06-03 14:15:09.410 Status Inputs: 00000000  
 2014-06-03 14:15:09.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-03 14:15:09.410 Clock Quality: 100%  
 2014-06-03 14:15:09.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-03 14:15:09.410 Clock Phase: 1 usec. max allowed=50000  
 2014-06-03 14:15:09.410 Boom positions:  
 2014-06-03 14:15:09.410 Ch1: -2 ch2: -1 ch3: 6 ch4: 20 ch5: 20 ch6: 20  
 2014-06-03 14:15:09.410 Analog Status  
 2014-06-03 14:15:09.410 Analog Positive Supply: 5.46V  
 2014-06-03 14:15:09.410 Input Voltage: 13.35V  
 2014-06-03 14:15:09.410 System Temperature: 5C  
 2014-06-03 14:15:09.410 Main Current: 61ma  
 2014-06-03 14:15:09.410 Antenna Current: 0ma  
 2014-06-03 14:15:09.410 GPS Status  
 2014-06-03 14:15:09.410 Time: 14:15:08  
 2014-06-03 14:15:09.410 Date:  
 2014-06-03 14:15:09.410 Fix Type: 1-D  
 2014-06-03 14:15:09.410 Height:  
 2014-06-03 14:15:09.410 Latitude:  
 2014-06-03 14:15:09.410 Longitude:  
 2014-06-03 14:15:09.410 On Time: 0min  
 2014-06-03 14:15:09.410 Sat. Used: 0  
 2014-06-03 14:15:09.410 In View: 0  
 2014-06-03 14:15:09.410 Checksum Errors: 0  
 2014-06-03 14:15:09.410 Last GPS timemark: 2014-06-03 14:15:07  
 2014-06-03 14:15:09.410 PLL Status  
 2014-06-03 14:15:09.410 State: Lock  
 2014-06-03 14:15:09.410 Initial VCO: 2201.503662  
 2014-06-03 14:15:09.410 Time Error: 0.000000  
 2014-06-03 14:15:09.410 RMS VCO: 0.0000000  
 2014-06-03 14:15:09.410 Best VCO: 2201.53  
 2014-06-03 14:15:09.410 Seconds Since Track or Lock: 0.0  
 2014-06-03 14:15:09.410 Vco Control: 2202  
 2014-06-03 14:15:09.410 timing mode: external seascan  
 2014-06-03 14:15:09.410 tempco normal  
 2014-06-03 14:15:09.410 PLL update: 10s PLL lock criterion: 5us  
 2014-06-03 14:15:09.410 Pfrac: 150.00  
 2014-06-03 14:15:09.410 VCO slope: -0.0175000  
 2014-06-03 14:15:09.410 VCO intercept: 7.1100001  
 2014-06-03 14:15:09.410 km delta: 600.0000000  
 2014-06-03 14:15:09.410 Logical Port 4 Status  
 2014-06-03 14:15:09.410 Data Packets Sent: 5798704  
 2014-06-03 14:15:09.410 Flood Packets Sent: 0  
 2014-06-03 14:15:09.410 Packets Re-Sent: 8161  
 2014-06-03 14:15:09.410 Sequence Errors: 0  
 2014-06-03 14:15:09.410 Packet Buffer Used: 22217464  
 2014-06-03 14:15:09.410 Physical Port: Ethernet  
 2014-06-03 14:15:09.410 Baler Model: 14 Software Version: 2.28  
 2014-06-03 14:15:09.410 MAC Address: 00:04:FB:00:02:EA  
 2014-06-03 14:15:09.410 Disk Size: 20000669696  
 2014-06-03 14:15:09.410 Percent of 1177 data files in use: 12.4  
 2014-06-03 14:15:09.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-03 14:15:09.410 Channel Sensitivities (uV per count):  
 2014-06-03 14:15:09.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-03 14:15:09.410 Digitizer Calibration Results:  
 2014-06-03 14:15:09.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-03 14:15:09.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-03 14:15:09.410 DMU1 Software Version=10  
 2014-06-03 14:15:09.410 Supply Voltage=12.7  
 2014-06-03 14:15:09.410 Supply Current=0.41

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2014-06-03 14:15:09.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-03 14:15:09.410 WebLink Data Maps Restored  
 2014-06-03 14:15:09.410 [2014-06-03 02:14:16.999998] sequence resumes: 5011766 to 5011766  
 2014-06-03 14:15:09.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-03 14:15:08  
 2014-06-03 14:20:37.920 Reducing Status Polling Interval  
 2014-06-03 14:20:37.920 [2014-06-03 14:20:36.999998] total packets received: 48882  
 2014-06-03 14:20:37.920 [2014-06-03 14:20:36.999998] command timeouts: 6  
 2014-06-03 14:20:37.920 [2014-06-03 14:20:36.999998] out of window: 54  
 2014-06-03 14:20:37.920 written: HHZ-1134 HH1-1434 HH2-1400 BDH-422 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-06-03 14:20:37.920 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-06-03 14:20:37.920 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-06-03 14:20:37.920 [2014-06-03 14:20:36.999998] Done: 4532 recs. seq end: 5055346. run: 324 s  
 2014-06-04 02:21:30.320  
 2014-06-04 02:21:30.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-04 02:21:30.320 Control Port 2491 Opened  
 2014-06-04 02:21:30.320 Baler ready on Ethernet  
 2014-06-04 02:21:30.320 Power Cycled Baler Acknowledged  
 2014-06-04 02:21:30.320 Commands Accepted by Q330  
 2014-06-04 02:21:30.320 Access timeout: 300 sec  
 2014-06-04 02:21:30.320 Control Port 4023 Opened  
 2014-06-04 02:21:30.320 Data Port 4024 Opened  
 2014-06-04 02:21:30.320 Registered with Q330  
 2014-06-04 02:21:30.320 Combination Record Received  
 2014-06-04 02:21:30.320 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-04 02:21:30.320 Link Reset, starting window sequence: 14189  
 2014-06-04 02:21:30.320 GPS Receiver ID Received  
 2014-06-04 02:21:30.320 Manufacturer's Data Received, Property Tag=2017  
 2014-06-04 02:21:30.320 Digitizer Gain & Offsets Received  
 2014-06-04 02:21:30.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4532 recs. seq end: 5055346  
 2014-06-04 02:21:30.320 Baler clock set to 2014-06-04 02:21:29  
 2014-06-04 02:21:30.320 Starting to Read DP Tokens  
 2014-06-04 02:21:30.320 DP Tokens loaded, size=1474 bytes  
 2014-06-04 02:21:30.320 Webserver advertising 192.168.200.119:5380  
 2014-06-04 02:21:30.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-04 02:21:30.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-04 02:21:30.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-04 02:21:30.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-04 02:21:30.320 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-04 02:21:30.320 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-04 02:21:30.320 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-04 02:21:30.320 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-04 02:21:30.320 [2014-06-03 14:20:36.999998] continuity found: 5055346 455120437.000000 Q=100  
 2014-06-04 02:21:30.320 [2014-06-03 14:20:36.999998] restoring continuity  
 2014-06-04 02:21:30.320 Sending DT\_OPEN  
 2014-06-04 02:21:30.320 Station: XX-2017  
 2014-06-04 02:21:30.320 Q330 Serial Number: 0100000DB18FC351  
 2014-06-04 02:21:30.320 AMB Serial Number: 0100000B6909DD82  
 2014-06-04 02:21:30.320 Seismo 1 Serial Number: 0000000000000000  
 2014-06-04 02:21:30.320 Seismo 2 Serial Number: 0000000000000000  
 2014-06-04 02:21:30.320 QAPCHP 1 Serial Number: 4643206  
 2014-06-04 02:21:30.320 QAPCHP 2 Serial Number: 3743050  
 2014-06-04 02:21:30.320 KMI Property Tag Number: 2017  
 2014-06-04 02:21:30.320 System Software Version: 1.146  
 2014-06-04 02:21:30.320 Slave Processor Version: 1.11  
 2014-06-04 02:21:30.320 Calibrator Type: QCAL330  
 2014-06-04 02:21:30.320 Calibrator Version: 1.8

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2014-06-04 02:21:30.320 Auxiliary Board Type: None  
 2014-06-04 02:21:30.320 Clock Type: Motorola M12  
 2014-06-04 02:21:30.320 PLD Version: 7.9  
 2014-06-04 02:21:30.320 Total Hours: 66558.80  
 2014-06-04 02:21:30.320 Power On Hours: 31189.19  
 2014-06-04 02:21:30.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-04 02:21:30.320 Total Number of Boots: 120  
 2014-06-04 02:21:30.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-04 02:21:30.320 Total Number of Re-Syncs: 213  
 2014-06-04 02:21:30.320 Status Inputs: 00000000  
 2014-06-04 02:21:30.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-04 02:21:30.320 Clock Quality: 100%  
 2014-06-04 02:21:30.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-04 02:21:30.320 Clock Phase: 0 usec. max allowed=50000  
 2014-06-04 02:21:30.320 Boom positions:  
 2014-06-04 02:21:30.320 ch1: -2 ch2: -2 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-06-04 02:21:30.320 Analog Status  
 2014-06-04 02:21:30.320 Analog Positive Supply: 5.46V  
 2014-06-04 02:21:30.320 Input Voltage: 13.35V  
 2014-06-04 02:21:30.320 System Temperature: 5C  
 2014-06-04 02:21:30.320 Main Current: 62ma  
 2014-06-04 02:21:30.320 Antenna Current: 0ma  
 2014-06-04 02:21:30.320 GPS Status  
 2014-06-04 02:21:30.320 Time: 02:21:29  
 2014-06-04 02:21:30.320 Date:  
 2014-06-04 02:21:30.320 Fix Type: 1-D  
 2014-06-04 02:21:30.320 Height:  
 2014-06-04 02:21:30.320 Latitude:  
 2014-06-04 02:21:30.320 Longitude:  
 2014-06-04 02:21:30.320 On Time: 0min  
 2014-06-04 02:21:30.320 Sat. Used: 0  
 2014-06-04 02:21:30.320 In View: 0  
 2014-06-04 02:21:30.320 Checksum Errors: 0  
 2014-06-04 02:21:30.320 Last GPS timemark: 2014-06-04 02:21:28  
 2014-06-04 02:21:30.320 PLL Status  
 2014-06-04 02:21:30.320 State: Lock  
 2014-06-04 02:21:30.320 Initial VCO: 2201.362305  
 2014-06-04 02:21:30.320 Time Error: -0.000001  
 2014-06-04 02:21:30.320 RMS VCO: 0.0000000  
 2014-06-04 02:21:30.320 Best VCO: 2201.45  
 2014-06-04 02:21:30.320 Seconds Since Track or Lock: 0.0  
 2014-06-04 02:21:30.320 Vco Control: 2201  
 2014-06-04 02:21:30.320 timing mode: external seascan  
 2014-06-04 02:21:30.320 tempco normal  
 2014-06-04 02:21:30.320 PLL update: 10s PLL lock criterion: 5us  
 2014-06-04 02:21:30.320 Pfrac: 150.00  
 2014-06-04 02:21:30.320 VCO slope: -0.0175000  
 2014-06-04 02:21:30.320 VCO intercept: 7.1100001  
 2014-06-04 02:21:30.320 km delta: 600.0000000  
 2014-06-04 02:21:30.320 Logical Port 4 Status  
 2014-06-04 02:21:30.320 Data Packets Sent: 5847502  
 2014-06-04 02:21:30.320 Flood Packets Sent: 0  
 2014-06-04 02:21:30.320 Packets Re-Sent: 8229  
 2014-06-04 02:21:30.320 Sequence Errors: 0  
 2014-06-04 02:21:30.320 Packet Buffer Used: 21801204  
 2014-06-04 02:21:30.320 Physical Port: Ethernet  
 2014-06-04 02:21:30.320 Baler Model: 14 Software Version: 2.28  
 2014-06-04 02:21:30.320 MAC Address: 00:04:FB:00:02:EA  
 2014-06-04 02:21:30.320 Disk Size: 20000669696  
 2014-06-04 02:21:30.320 Percent of 1177 data files in use: 12.5  
 2014-06-04 02:21:30.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-04 02:21:30.320 Channel sensitivities (uV per count):  
 2014-06-04 02:21:30.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2014-06-04 02:21:30.320 Digitizer Calibration Results:
2014-06-04 02:21:30.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-04 02:21:30.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-04 02:21:30.320 DMU1 Software Version=10
2014-06-04 02:21:30.320 Supply Voltage=12.7
2014-06-04 02:21:30.320 Supply Current=0.41
2014-06-04 02:21:30.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-04 02:21:30.320 webLink Data Maps Restored
2014-06-04 02:21:30.320 [2014-06-03 14:20:36.999998] sequence resumes: 5055346 to
5055346
2014-06-04 02:21:30.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-04 02:21:29
2014-06-04 02:25:45.780 [2014-06-04 00:00:00.000000] saving Configuration to Backup
Memory
2014-06-04 02:26:58.610 [2014-06-04 02:26:57.999998] total packets received: 47635
2014-06-04 02:26:58.610 [2014-06-04 02:26:57.999998] command timeouts: 6
2014-06-04 02:26:58.610 [2014-06-04 02:26:57.999998] out of window: 62
2014-06-04 02:26:58.610 written: HHZ-1120 HH1-1399 HH2-1338 BDH-428 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-04 02:26:58.610 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-04 02:26:58.610 written: VM2-2 LOG-3 ACE-2 OCF-2
2014-06-04 02:26:58.610 [2014-06-04 02:26:57.999998] Done: 4429 recs. seq end:
5098927. run: 324 s
2014-06-04 14:27:51.340
2014-06-04 14:27:51.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-04 14:27:51.340 Control Port 2491 Opened
2014-06-04 14:27:51.340 Baler ready on Ethernet
2014-06-04 14:27:51.340 Power Cycled Baler Acknowledged
2014-06-04 14:27:51.340 Commands Accepted by Q330
2014-06-04 14:27:51.340 Access timeout: 300 sec
2014-06-04 14:27:51.340 Control Port 4023 Opened
2014-06-04 14:27:51.340 Data Port 4024 Opened
2014-06-04 14:27:51.340 Registered with Q330
2014-06-04 14:27:51.340 Combination Record Received
2014-06-04 14:27:51.340 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-04 14:27:51.340 Link Reset, starting window sequence: 61726
2014-06-04 14:27:51.340 GPS Receiver ID Received
2014-06-04 14:27:51.340 Manufacturer's Data Received, Property Tag=2017
2014-06-04 14:27:51.340 Digitizer Gain & Offsets Received
2014-06-04 14:27:51.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4429 recs.
seq end: 5098927
2014-06-04 14:27:51.340 Baler clock set to 2014-06-04 14:27:50
2014-06-04 14:27:51.340 Starting to Read DP Tokens
2014-06-04 14:27:51.340 DP Tokens loaded, size=1474 bytes
2014-06-04 14:27:51.340 webserver advertising 192.168.200.119:5380
2014-06-04 14:27:51.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-04 14:27:51.340 filters & delay HH1:2@100,Linear all=0.320000
2014-06-04 14:27:51.340 filters & delay HH2:3@100,Linear all=0.320000
2014-06-04 14:27:51.340 filters & delay BDH:4@20,Linear all=1.650000
2014-06-04 14:27:51.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-04 14:27:51.340 filters & delay LH1:2@1,Linear all=15.000000
2014-06-04 14:27:51.340 filters & delay LH2:3@1,Linear all=15.000000
2014-06-04 14:27:51.340 filters & delay LDH:4@1,Linear all=15.000000
2014-06-04 14:27:51.340 [2014-06-04 02:26:57.999998] continuity found: 5098927
455164018.000000 Q=100
2014-06-04 14:27:51.340 [2014-06-04 02:26:57.999998] restoring continuity
2014-06-04 14:27:51.340 Sending DT_OPEN
2014-06-04 14:27:51.340 Station: XX-2017
2014-06-04 14:27:51.340 Q330 Serial Number: 0100000DB18FC351
2014-06-04 14:27:51.340 AMB Serial Number: 0100000B6909DD82
2014-06-04 14:27:51.340 Seismo 1 Serial Number: 0000000000000000
2014-06-04 14:27:51.340 Seismo 2 Serial Number: 0000000000000000

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2014-06-04 14:27:51.340 QAPCHP 1 Serial Number: 4643206  
 2014-06-04 14:27:51.340 QAPCHP 2 Serial Number: 3743050  
 2014-06-04 14:27:51.340 KMI Property Tag Number: 2017  
 2014-06-04 14:27:51.340 System Software Version: 1.146  
 2014-06-04 14:27:51.340 Slave Processor Version: 1.11  
 2014-06-04 14:27:51.340 Calibrator Type: QCAL330  
 2014-06-04 14:27:51.340 Calibrator Version: 1.8  
 2014-06-04 14:27:51.340 Auxiliary Board Type: None  
 2014-06-04 14:27:51.340 Clock Type: Motorola M12  
 2014-06-04 14:27:51.340 PLD Version: 7.9  
 2014-06-04 14:27:51.340 Total Hours: 66570.91  
 2014-06-04 14:27:51.340 Power On Hours: 31201.29  
 2014-06-04 14:27:51.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-04 14:27:51.340 Total Number of Boots: 120  
 2014-06-04 14:27:51.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-04 14:27:51.340 Total Number of Re-Syncs: 213  
 2014-06-04 14:27:51.340 Status Inputs: 00000000  
 2014-06-04 14:27:51.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-04 14:27:51.340 Clock Quality: 100%  
 2014-06-04 14:27:51.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-04 14:27:51.340 Clock Phase: 1 usec. max allowed=50000  
 2014-06-04 14:27:51.340 Boom positions:  
 2014-06-04 14:27:51.340 ch1: -2 ch2: -2 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-06-04 14:27:51.340 Analog Status  
 2014-06-04 14:27:51.340 Analog Positive Supply: 5.46V  
 2014-06-04 14:27:51.340 Input Voltage: 13.35V  
 2014-06-04 14:27:51.340 System Temperature: 5C  
 2014-06-04 14:27:51.340 Main Current: 62ma  
 2014-06-04 14:27:51.340 Antenna Current: 0ma  
 2014-06-04 14:27:51.340 GPS Status  
 2014-06-04 14:27:51.340 Time: 14:27:50  
 2014-06-04 14:27:51.340 Date:  
 2014-06-04 14:27:51.340 Fix Type: 1-D  
 2014-06-04 14:27:51.340 Height:  
 2014-06-04 14:27:51.340 Latitude:  
 2014-06-04 14:27:51.340 Longitude:  
 2014-06-04 14:27:51.340 On Time: 0min  
 2014-06-04 14:27:51.340 Sat. Used: 0  
 2014-06-04 14:27:51.340 In View: 0  
 2014-06-04 14:27:51.340 Checksum Errors: 0  
 2014-06-04 14:27:51.340 Last GPS timemark: 2014-06-04 14:27:49  
 2014-06-04 14:27:51.340 PLL Status  
 2014-06-04 14:27:51.340 State: Lock  
 2014-06-04 14:27:51.340 Initial VCO: 2201.171387  
 2014-06-04 14:27:51.340 Time Error: 0.000000  
 2014-06-04 14:27:51.340 RMS VCO: 0.0000000  
 2014-06-04 14:27:51.340 Best VCO: 2201.12  
 2014-06-04 14:27:51.340 Seconds Since Track or Lock: 0.0  
 2014-06-04 14:27:51.340 vco Control: 2201  
 2014-06-04 14:27:51.340 timing mode: external seascan  
 2014-06-04 14:27:51.340 tempco normal  
 2014-06-04 14:27:51.340 PLL update: 10s PLL lock criterion: 5us  
 2014-06-04 14:27:51.340 Pfrac: 150.00  
 2014-06-04 14:27:51.340 VCO slope: -0.0175000  
 2014-06-04 14:27:51.340 VCO intercept: 7.1100001  
 2014-06-04 14:27:51.340 km delta: 600.0000000  
 2014-06-04 14:27:51.340 Logical Port 4 Status  
 2014-06-04 14:27:51.340 Data Packets Sent: 5895045  
 2014-06-04 14:27:51.340 Flood Packets Sent: 0  
 2014-06-04 14:27:51.340 Packets Re-Sent: 8307  
 2014-06-04 14:27:51.340 Sequence Errors: 0  
 2014-06-04 14:27:51.340 Packet Buffer Used: 22868124  
 2014-06-04 14:27:51.340 Physical Port: Ethernet



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2014-06-04 14:27:51.340 Baler Model: 14 Software Version: 2.28  
 2014-06-04 14:27:51.340 MAC Address: 00:04:FB:00:02:EA  
 2014-06-04 14:27:51.340 Disk Size: 20000669696  
 2014-06-04 14:27:51.340 Percent of 1177 data files in use: 12.6  
 2014-06-04 14:27:51.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-04 14:27:51.340 Channel Sensitivities (uV per count):  
 2014-06-04 14:27:51.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-04 14:27:51.340 Digitizer Calibration Results:  
 2014-06-04 14:27:51.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-04 14:27:51.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-04 14:27:51.340 DMU1 Software Version=10  
 2014-06-04 14:27:51.340 Supply Voltage=12.7  
 2014-06-04 14:27:51.340 Supply Current=0.40  
 2014-06-04 14:27:51.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-04 14:27:51.340 WebLink Data Maps Restored  
 2014-06-04 14:27:51.340 [2014-06-04 02:26:57.999998] sequence resumes: 5098927 to 5098927  
 2014-06-04 14:27:51.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-04 14:27:50  
 2014-06-04 14:33:33.530 Reducing Status Polling Interval  
 2014-06-04 14:33:33.530 [2014-06-04 14:33:33.000000] total packets received: 53167  
 2014-06-04 14:33:33.530 [2014-06-04 14:33:33.000000] command timeouts: 6  
 2014-06-04 14:33:33.530 [2014-06-04 14:33:33.000000] out of window: 69  
 2014-06-04 14:33:33.530 written: HHZ-1184 HH1-1462 HH2-1448 BDH-439 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-06-04 14:33:33.530 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-26  
 VMZ-1 VM1-1  
 2014-06-04 14:33:33.530 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-06-04 14:33:33.530 [2014-06-04 14:33:33.000000] Done: 4669 recs. seq end: 5142522. run: 337 s  
 2014-06-05 02:34:26.420  
 2014-06-05 02:34:26.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-05 02:34:26.420 Control Port 2491 Opened  
 2014-06-05 02:34:26.420 Baler ready on Ethernet  
 2014-06-05 02:34:26.420 Power Cycled Baler Acknowledged  
 2014-06-05 02:34:26.420 Commands Accepted by Q330  
 2014-06-05 02:34:26.420 Access timeout: 300 sec  
 2014-06-05 02:34:26.420 Control Port 4023 Opened  
 2014-06-05 02:34:26.420 Data Port 4024 Opened  
 2014-06-05 02:34:26.420 Registered with Q330  
 2014-06-05 02:34:26.420 Combination Record Received  
 2014-06-05 02:34:26.420 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-05 02:34:26.420 Link Reset, starting window sequence: 49252  
 2014-06-05 02:34:26.420 GPS Receiver ID Received  
 2014-06-05 02:34:26.420 Manufacturer's Data Received, Property Tag=2017  
 2014-06-05 02:34:26.420 Digitizer Gain & Offsets Received  
 2014-06-05 02:34:26.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4669 recs. seq end: 5142522  
 2014-06-05 02:34:26.420 Baler clock set to 2014-06-05 02:34:25  
 2014-06-05 02:34:26.420 Starting to Read DP Tokens  
 2014-06-05 02:34:26.420 DP Tokens loaded, size=1474 bytes  
 2014-06-05 02:34:26.420 webserver advertising 192.168.200.119:5380  
 2014-06-05 02:34:26.420 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-05 02:34:26.420 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-05 02:34:26.420 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-05 02:34:26.420 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-05 02:34:26.420 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-05 02:34:26.420 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-05 02:34:26.420 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-05 02:34:26.420 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-05 02:34:26.420 [2014-06-04 14:33:33.000000] continuity found: 5142522  
 455207613.000000 q=100  
 2014-06-05 02:34:26.420 [2014-06-04 14:33:33.000000] restoring continuity

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2014-06-05 02:34:26.420 Sending DT\_OPEN  
 2014-06-05 02:34:26.420 Station: XX-2017  
 2014-06-05 02:34:26.420 Q330 Serial Number: 0100000DB18FC351  
 2014-06-05 02:34:26.420 AMB Serial Number: 0100000B6909DD82  
 2014-06-05 02:34:26.420 Seismo 1 Serial Number: 0000000000000000  
 2014-06-05 02:34:26.420 Seismo 2 Serial Number: 0000000000000000  
 2014-06-05 02:34:26.420 QAPCHP 1 Serial Number: 4643206  
 2014-06-05 02:34:26.420 QAPCHP 2 Serial Number: 3743050  
 2014-06-05 02:34:26.420 KMI Property Tag Number: 2017  
 2014-06-05 02:34:26.420 System Software Version: 1.146  
 2014-06-05 02:34:26.420 Slave Processor Version: 1.11  
 2014-06-05 02:34:26.420 Calibrator Type: QCAL330  
 2014-06-05 02:34:26.420 Calibrator Version: 1.8  
 2014-06-05 02:34:26.420 Auxiliary Board Type: None  
 2014-06-05 02:34:26.420 Clock Type: Motorola M12  
 2014-06-05 02:34:26.420 PLD Version: 7.9  
 2014-06-05 02:34:26.420 Total Hours: 66583.02  
 2014-06-05 02:34:26.420 Power On Hours: 31213.40  
 2014-06-05 02:34:26.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-05 02:34:26.420 Total Number of Boots: 120  
 2014-06-05 02:34:26.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-05 02:34:26.420 Total Number of Re-Syncs: 213  
 2014-06-05 02:34:26.420 Status Inputs: 00000000  
 2014-06-05 02:34:26.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-05 02:34:26.420 Clock Quality: 100%  
 2014-06-05 02:34:26.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-05 02:34:26.420 Clock Phase: 0 usec. max allowed=50000  
 2014-06-05 02:34:26.420 Boom positions:  
 2014-06-05 02:34:26.420 Ch1: -2 Ch2: -3 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-05 02:34:26.420 Analog Status  
 2014-06-05 02:34:26.420 Analog Positive Supply: 5.46V  
 2014-06-05 02:34:26.420 Input Voltage: 13.20V  
 2014-06-05 02:34:26.420 System Temperature: 5C  
 2014-06-05 02:34:26.420 Main Current: 65ma  
 2014-06-05 02:34:26.420 Antenna Current: 0ma  
 2014-06-05 02:34:26.420 GPS Status  
 2014-06-05 02:34:26.420 Time: 02:34:25  
 2014-06-05 02:34:26.420 Fix Type: 1-D  
 2014-06-05 02:34:26.420 Height:  
 2014-06-05 02:34:26.420 Latitude:  
 2014-06-05 02:34:26.420 Longitude:  
 2014-06-05 02:34:26.420 On Time: 0min  
 2014-06-05 02:34:26.420 Sat. Used: 0  
 2014-06-05 02:34:26.420 In View: 0  
 2014-06-05 02:34:26.420 Checksum Errors: 0  
 2014-06-05 02:34:26.420 Last GPS timemark: 2014-06-05 02:34:24  
 2014-06-05 02:34:26.420 PLL Status  
 2014-06-05 02:34:26.420 State: Lock  
 2014-06-05 02:34:26.420 Initial VCO: 2201.027344  
 2014-06-05 02:34:26.420 Time Error: 0.000000  
 2014-06-05 02:34:26.420 RMS VCO: 0.0000000  
 2014-06-05 02:34:26.420 Best VCO: 2201.05  
 2014-06-05 02:34:26.420 Seconds Since Track or Lock: 0.0  
 2014-06-05 02:34:26.420 Vco Control: 2201  
 2014-06-05 02:34:26.420 timing mode: external seascan  
 2014-06-05 02:34:26.420 tempco normal  
 2014-06-05 02:34:26.420 PLL update: 10s PLL lock criterion: 5us  
 2014-06-05 02:34:26.420 Pfrac: 150.00  
 2014-06-05 02:34:26.420 VCO slope: -0.0175000  
 2014-06-05 02:34:26.420 VCO intercept: 7.1100001  
 2014-06-05 02:34:26.420 Km delta: 600.0000000  
 2014-06-05 02:34:26.420 Logical Port 4 Status  
 2014-06-05 02:34:26.420 Data Packets Sent: 5948112

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2014-06-05 02:34:26.420 Flood Packets Sent: 0
2014-06-05 02:34:26.420 Packets Re-Sent: 8388
2014-06-05 02:34:26.420 Sequence Errors: 0
2014-06-05 02:34:26.420 Packet Buffer Used: 22474760
2014-06-05 02:34:26.420 Physical Port: Ethernet
2014-06-05 02:34:26.420 Baler Model: 14 Software Version: 2.28
2014-06-05 02:34:26.420 MAC Address: 00:04:FB:00:02:EA
2014-06-05 02:34:26.420 Disk Size: 20000669696
2014-06-05 02:34:26.420 Percent of 1177 data files in use: 12.7
2014-06-05 02:34:26.420 Channels Enabled: 1234 Preamps ON channels:
2014-06-05 02:34:26.420 Channel Sensitivities (uV per count):
2014-06-05 02:34:26.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-05 02:34:26.420 Digitizer Calibration Results:
2014-06-05 02:34:26.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-05 02:34:26.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-05 02:34:26.420 DMU1 Software Version=10
2014-06-05 02:34:26.420 Supply Voltage=12.7
2014-06-05 02:34:26.420 Supply Current=0.41
2014-06-05 02:34:26.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-05 02:34:26.420 webLink Data Maps Restored
2014-06-05 02:34:26.420 [2014-06-04 14:33:33.000000] sequence resumes: 5142522 to
5142522
2014-06-05 02:34:26.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-05 02:34:25
2014-06-05 02:38:50.450 [2014-06-05 00:00:00.000000] saving Configuration to Backup
Memory
2014-06-05 02:40:05.640 Reducing Status Polling Interval
2014-06-05 02:40:05.640 [2014-06-05 02:40:04.000000] total packets received: 54654
2014-06-05 02:40:05.640 [2014-06-05 02:40:04.000000] command timeouts: 6
2014-06-05 02:40:05.640 [2014-06-05 02:40:04.000000] out of window: 60
2014-06-05 02:40:05.640 written: HHZ-1194 HH1-1426 HH2-1382 BDH-436 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-06-05 02:40:05.640 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-06-05 02:40:05.640 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-05 02:40:05.640 [2014-06-05 02:40:04.000000] Done: 4584 recs. seq end:
5186113. run: 335 s
2014-06-05 14:40:58.370
2014-06-05 14:40:58.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-05 14:40:58.370 Control Port 2491 Opened
2014-06-05 14:40:58.370 Baler ready on Ethernet
2014-06-05 14:40:58.370 Power Cycled Baler Acknowledged
2014-06-05 14:40:58.370 Commands Accepted by Q330
2014-06-05 14:40:58.370 Access timeout: 300 sec
2014-06-05 14:40:58.370 Control Port 4023 Opened
2014-06-05 14:40:58.370 Data Port 4024 Opened
2014-06-05 14:40:58.370 Registered with Q330
2014-06-05 14:40:58.370 Combination Record Received
2014-06-05 14:40:58.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-05 14:40:58.370 Link Reset, starting window sequence: 38274
2014-06-05 14:40:58.370 GPS Receiver ID Received
2014-06-05 14:40:58.370 Manufacturer's Data Received, Property Tag=2017
2014-06-05 14:40:58.370 Digitizer Gain & Offsets Received
2014-06-05 14:40:58.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4584 recs.
seq end: 5186113
2014-06-05 14:40:58.370 Baler clock set to 2014-06-05 14:40:57
2014-06-05 14:40:58.370 Starting to Read DP Tokens
2014-06-05 14:40:58.370 DP Tokens loaded, size=1474 bytes
2014-06-05 14:40:58.370 webserver advertising 192.168.200.119:5380
2014-06-05 14:40:58.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-05 14:40:58.370 filters & delay HH1:2@100,Linear all=0.320000
2014-06-05 14:40:58.370 filters & delay HH2:3@100,Linear all=0.320000
2014-06-05 14:40:58.370 filters & delay BDH:4@20,Linear all=1.650000

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2014-06-05 14:40:58.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-05 14:40:58.370 filters & delay LH1:2@1,Linear all=15.000000
2014-06-05 14:40:58.370 filters & delay LH2:3@1,Linear all=15.000000
2014-06-05 14:40:58.370 filters & delay LDH:4@1,Linear all=15.000000
2014-06-05 14:40:58.370 [2014-06-05 02:40:04.000000] continuity found: 5186113
455251204.000000 Q=100
2014-06-05 14:40:58.370 [2014-06-05 02:40:04.000000] restoring continuity
2014-06-05 14:40:58.370 Sending DT_OPEN
2014-06-05 14:40:58.370 Station: XX-2017
2014-06-05 14:40:58.370 Q330 Serial Number: 0100000DB18FC351
2014-06-05 14:40:58.370 AMB Serial Number: 0100000B6909DD82
2014-06-05 14:40:58.370 Seismo 1 Serial Number: 0000000000000000
2014-06-05 14:40:58.370 Seismo 2 Serial Number: 0000000000000000
2014-06-05 14:40:58.370 QAPCHP 1 Serial Number: 4643206
2014-06-05 14:40:58.370 QAPCHP 2 Serial Number: 3743050
2014-06-05 14:40:58.370 KMI Property Tag Number: 2017
2014-06-05 14:40:58.370 System Software Version: 1.146
2014-06-05 14:40:58.370 Slave Processor Version: 1.11
2014-06-05 14:40:58.370 Calibrator Type: QCAL330
2014-06-05 14:40:58.370 Calibrator Version: 1.8
2014-06-05 14:40:58.370 Auxiliary Board Type: None
2014-06-05 14:40:58.370 Clock Type: Motorola M12
2014-06-05 14:40:58.370 PLD Version: 7.9
2014-06-05 14:40:58.370 Total Hours: 66595.13
2014-06-05 14:40:58.370 Power On Hours: 31225.51
2014-06-05 14:40:58.370 Time of Last Boot: 2014-04-06 02:03:58
2014-06-05 14:40:58.370 Total Number of Boots: 120
2014-06-05 14:40:58.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-05 14:40:58.370 Total Number of Re-Syncs: 213
2014-06-05 14:40:58.370 Status Inputs: 00000000
2014-06-05 14:40:58.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-05 14:40:58.370 Clock Quality: 100%
2014-06-05 14:40:58.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-05 14:40:58.370 Clock Phase: 0 usec. max allowed=50000
2014-06-05 14:40:58.370 Boom positions:
2014-06-05 14:40:58.370 Ch1: -2 Ch2: -3 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-05 14:40:58.370 Analog Status
2014-06-05 14:40:58.370 Analog Positive Supply: 5.46V
2014-06-05 14:40:58.370 Input Voltage: 13.20V
2014-06-05 14:40:58.370 System Temperature: 5C
2014-06-05 14:40:58.370 Main Current: 61ma
2014-06-05 14:40:58.370 Antenna Current: 0ma
2014-06-05 14:40:58.370 GPS Status
2014-06-05 14:40:58.370 Time: 14:40:56
2014-06-05 14:40:58.370 Date:
2014-06-05 14:40:58.370 Fix Type: 1-D
2014-06-05 14:40:58.370 Height:
2014-06-05 14:40:58.370 Latitude:
2014-06-05 14:40:58.370 Longitude:
2014-06-05 14:40:58.370 On Time: 0min
2014-06-05 14:40:58.370 Sat. Used: 0
2014-06-05 14:40:58.370 In View: 0
2014-06-05 14:40:58.370 Checksum Errors: 0
2014-06-05 14:40:58.370 Last GPS timemark: 2014-06-05 14:40:55
2014-06-05 14:40:58.370 PLL Status
2014-06-05 14:40:58.370 State: Lock
2014-06-05 14:40:58.370 Initial VCO: 2201.459717
2014-06-05 14:40:58.370 Time Error: 0.000000
2014-06-05 14:40:58.370 RMS VCO: 0.000000
2014-06-05 14:40:58.370 Best VCO: 2201.47
2014-06-05 14:40:58.370 Seconds Since Track or Lock: 0.0
2014-06-05 14:40:58.370 Vco Control: 2202
2014-06-05 14:40:58.370 timing mode: external seascan

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2014-06-05 14:40:58.370 tempco normal  
 2014-06-05 14:40:58.370 PLL update: 10s PLL lock criterion: 5us  
 2014-06-05 14:40:58.370 Pfrac: 150.00  
 2014-06-05 14:40:58.370 VCO slope: -0.0175000  
 2014-06-05 14:40:58.370 VCO intercept: 7.1100001  
 2014-06-05 14:40:58.370 km delta: 600.0000000  
 2014-06-05 14:40:58.370 Logical Port 4 Status  
 2014-06-05 14:40:58.370 Data Packets Sent: 6002675  
 2014-06-05 14:40:58.370 Flood Packets Sent: 0  
 2014-06-05 14:40:58.370 Packets Re-Sent: 8464  
 2014-06-05 14:40:58.370 Sequence Errors: 0  
 2014-06-05 14:40:58.370 Packet Buffer Used: 22505840  
 2014-06-05 14:40:58.370 Physical Port: Ethernet  
 2014-06-05 14:40:58.370 Baler Model: 14 Software Version: 2.28  
 2014-06-05 14:40:58.370 MAC Address: 00:04:FB:00:02:EA  
 2014-06-05 14:40:58.370 Disk Size: 20000669696  
 2014-06-05 14:40:58.370 Percent of 1177 data files in use: 12.8  
 2014-06-05 14:40:58.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-05 14:40:58.370 Channel Sensitivities (uV per count):  
 2014-06-05 14:40:58.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-05 14:40:58.370 Digitizer Calibration Results:  
 2014-06-05 14:40:58.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-05 14:40:58.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-05 14:40:58.370 DMU1 Software Version=10  
 2014-06-05 14:40:58.370 Supply Voltage=12.7  
 2014-06-05 14:40:58.370 Supply Current=0.41  
 2014-06-05 14:40:58.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-05 14:40:58.370 WebLink Data Maps Restored  
 2014-06-05 14:40:58.370 [2014-06-05 02:40:04.000000] sequence resumes: 5186113 to  
 5186113  
 2014-06-05 14:40:58.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-06-05 14:40:57  
 2014-06-05 14:46:27.810 [2014-06-05 14:41:02.000000] total packets received: 48202  
 2014-06-05 14:46:27.810 [2014-06-05 14:41:02.000000] command timeouts: 6  
 2014-06-05 14:46:27.810 [2014-06-05 14:41:02.000000] out of window: 64  
 2014-06-05 14:46:27.810 written: HHZ-1175 HH1-1363 HH2-1440 BDH-435 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-06-05 14:46:27.810 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-06-05 14:46:27.810 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-06-05 14:46:27.810 [2014-06-05 14:41:02.000000] Done: 4554 recs. seq end:  
 5229371. run: 325 s  
 2014-06-06 02:47:19.330  
 2014-06-06 02:47:19.330 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-06 02:47:19.330 Control Port 2491 Opened  
 2014-06-06 02:47:19.330 Baler ready on Ethernet  
 2014-06-06 02:47:19.330 Power Cycled Baler Acknowledged  
 2014-06-06 02:47:19.330 Commands Accepted by Q330  
 2014-06-06 02:47:19.330 Access timeout: 300 sec  
 2014-06-06 02:47:19.330 Control Port 4023 Opened  
 2014-06-06 02:47:19.330 Data Port 4024 Opened  
 2014-06-06 02:47:19.330 Registered with Q330  
 2014-06-06 02:47:19.330 Combination Record Received  
 2014-06-06 02:47:19.330 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-06 02:47:19.330 Link Reset, starting window sequence: 20841  
 2014-06-06 02:47:19.330 GPS Receiver ID Received  
 2014-06-06 02:47:19.330 Manufacturer's Data Received, Property Tag=2017  
 2014-06-06 02:47:19.330 Digitizer Gain & Offsets Received  
 2014-06-06 02:47:19.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4554 recs.  
 seq end: 5229371  
 2014-06-06 02:47:19.330 Baler clock set to 2014-06-06 02:47:18  
 2014-06-06 02:47:19.330 Starting to Read DP Tokens  
 2014-06-06 02:47:19.330 DP Tokens loaded, size=1474 bytes

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2014-06-06 02:47:19.330 webserver advertising 192.168.200.119:5380  
 2014-06-06 02:47:19.330 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-06 02:47:19.330 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-06 02:47:19.330 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-06 02:47:19.330 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-06 02:47:19.330 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-06 02:47:19.330 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-06 02:47:19.330 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-06 02:47:19.330 [2014-06-05 14:41:02.000000] continuity found: 5229371  
 455294462.000000 Q=100  
 2014-06-06 02:47:19.330 [2014-06-05 14:41:02.000000] restoring continuity  
 2014-06-06 02:47:19.330 Sending DT\_OPEN  
 2014-06-06 02:47:19.330 Station: XX-2017  
 2014-06-06 02:47:19.330 Q330 Serial Number: 0100000DB18FC351  
 2014-06-06 02:47:19.330 AMB Serial Number: 0100000B6909DD82  
 2014-06-06 02:47:19.330 Seismo 1 Serial Number: 0000000000000000  
 2014-06-06 02:47:19.330 Seismo 2 Serial Number: 0000000000000000  
 2014-06-06 02:47:19.330 QAPCHP 1 Serial Number: 4643206  
 2014-06-06 02:47:19.330 QAPCHP 2 Serial Number: 3743050  
 2014-06-06 02:47:19.330 KMI Property Tag Number: 2017  
 2014-06-06 02:47:19.330 System Software Version: 1.146  
 2014-06-06 02:47:19.330 Slave Processor Version: 1.11  
 2014-06-06 02:47:19.330 Calibrator Type: QCAL330  
 2014-06-06 02:47:19.330 Calibrator Version: 1.8  
 2014-06-06 02:47:19.330 Auxiliary Board Type: None  
 2014-06-06 02:47:19.330 Clock Type: Motorola M12  
 2014-06-06 02:47:19.330 PLD Version: 7.9  
 2014-06-06 02:47:19.330 Total Hours: 66607.23  
 2014-06-06 02:47:19.330 Power On Hours: 31237.62  
 2014-06-06 02:47:19.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-06 02:47:19.330 Total Number of Boots: 120  
 2014-06-06 02:47:19.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-06 02:47:19.330 Total Number of Re-Syncs: 213  
 2014-06-06 02:47:19.330 Status Inputs: 00000000  
 2014-06-06 02:47:19.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-06 02:47:19.330 Clock Quality: 100%  
 2014-06-06 02:47:19.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-06 02:47:19.330 Clock Phase: 0 usec. max allowed=50000  
 2014-06-06 02:47:19.330 Boom positions:  
 2014-06-06 02:47:19.330 ch1: -2 ch2: -3 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-06-06 02:47:19.330 Analog Status  
 2014-06-06 02:47:19.330 Analog Positive Supply: 5.46V  
 2014-06-06 02:47:19.330 Input Voltage: 13.35V  
 2014-06-06 02:47:19.330 System Temperature: 5C  
 2014-06-06 02:47:19.330 Main Current: 62ma  
 2014-06-06 02:47:19.330 Antenna Current: 0ma  
 2014-06-06 02:47:19.330 GPS Status  
 2014-06-06 02:47:19.330 Time: 02:47:18  
 2014-06-06 02:47:19.330 Date:  
 2014-06-06 02:47:19.330 Fix Type: 1-D  
 2014-06-06 02:47:19.330 Height:  
 2014-06-06 02:47:19.330 Latitude:  
 2014-06-06 02:47:19.330 Longitude:  
 2014-06-06 02:47:19.330 On Time: 0min  
 2014-06-06 02:47:19.330 Sat. Used: 0  
 2014-06-06 02:47:19.330 In View: 0  
 2014-06-06 02:47:19.330 Checksum Errors: 0  
 2014-06-06 02:47:19.330 Last GPS timemark: 2014-06-06 02:47:17  
 2014-06-06 02:47:19.330 PLL Status  
 2014-06-06 02:47:19.330 State: Lock  
 2014-06-06 02:47:19.330 Initial VCO: 2201.078613  
 2014-06-06 02:47:19.330 Time Error: 0.000000  
 2014-06-06 02:47:19.330 RMS VCO: 0.0000000

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2014-06-06 02:47:19.330 Best VCO: 2200.90  
 2014-06-06 02:47:19.330 Seconds Since Track or Lock: 0.0  
 2014-06-06 02:47:19.330 Vco Control: 2201  
 2014-06-06 02:47:19.330 timing mode: external seascan  
 2014-06-06 02:47:19.330 tempco normal  
 2014-06-06 02:47:19.330 PLL update: 10s PLL lock criterion: 5us  
 2014-06-06 02:47:19.330 Pfrac: 150.00  
 2014-06-06 02:47:19.330 VCO slope: -0.0175000  
 2014-06-06 02:47:19.330 VCO intercept: 7.1100001  
 2014-06-06 02:47:19.330 km delta: 600.0000000  
 2014-06-06 02:47:19.330 Logical Port 4 Status  
 2014-06-06 02:47:19.330 Data Packets Sent: 6050783  
 2014-06-06 02:47:19.330 Flood Packets Sent: 0  
 2014-06-06 02:47:19.330 Packets Re-Sent: 8545  
 2014-06-06 02:47:19.330 Sequence Errors: 0  
 2014-06-06 02:47:19.330 Packet Buffer Used: 23581840  
 2014-06-06 02:47:19.330 Physical Port: Ethernet  
 2014-06-06 02:47:19.330 Baler Model: 14 Software Version: 2.28  
 2014-06-06 02:47:19.330 MAC Address: 00:04:FB:00:02:EA  
 2014-06-06 02:47:19.330 Disk Size: 20000669696  
 2014-06-06 02:47:19.330 Percent of 1177 data files in use: 12.9  
 2014-06-06 02:47:19.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-06 02:47:19.330 Channel Sensitivities (uV per count):  
 2014-06-06 02:47:19.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-06 02:47:19.330 Digitizer Calibration Results:  
 2014-06-06 02:47:19.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-06 02:47:19.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-06 02:47:19.330 DMU1 Software Version=10  
 2014-06-06 02:47:19.330 Supply Voltage=12.6  
 2014-06-06 02:47:19.330 Supply Current=0.41  
 2014-06-06 02:47:19.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-06 02:47:19.330 webLink Data Maps Restored  
 2014-06-06 02:47:19.330 [2014-06-05 14:41:02.000000] sequence resumes: 5229371 to  
 5229371  
 2014-06-06 02:47:19.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-06 02:47:18  
 2014-06-06 02:51:51.270 [2014-06-06 00:00:00.000001] saving Configuration to Backup  
 Memory  
 2014-06-06 02:53:07.940 [2014-06-06 02:47:36.000001] total packets received: 61955  
 2014-06-06 02:53:07.940 [2014-06-06 02:47:36.000001] command timeouts: 6  
 2014-06-06 02:53:07.940 [2014-06-06 02:47:36.000001] out of window: 62  
 2014-06-06 02:53:07.940 written: HHZ-1201 HH1-1509 HH2-1500 BDH-446 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-06-06 02:53:07.940 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-27  
 VMZ-1 VM1-1  
 2014-06-06 02:53:07.940 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-06 02:53:07.940 [2014-06-06 02:47:36.000001] Done: 4797 recs. seq end:  
 5272965. run: 345 s  
 2014-06-06 14:54:00.340  
 2014-06-06 14:54:00.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-06 14:54:00.340 Control Port 2491 Opened  
 2014-06-06 14:54:00.340 Baler ready on Ethernet  
 2014-06-06 14:54:00.340 Power Cycled Baler Acknowledged  
 2014-06-06 14:54:00.340 Commands Accepted by Q330  
 2014-06-06 14:54:00.340 Access timeout: 300 sec  
 2014-06-06 14:54:00.340 Control Port 4023 Opened  
 2014-06-06 14:54:00.340 Data Port 4024 Opened  
 2014-06-06 14:54:00.340 Registered with Q330  
 2014-06-06 14:54:00.340 Combination Record Received  
 2014-06-06 14:54:00.340 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-06 14:54:00.340 Link Reset, starting window sequence: 17162  
 2014-06-06 14:54:00.340 GPS Receiver ID Received  
 2014-06-06 14:54:00.340 Manufacturer's Data Received, Property Tag=2017

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2014-06-06 14:54:00.340 Digitizer Gain & Offsets Received
2014-06-06 14:54:00.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4797 recs.
seq end: 5272965
2014-06-06 14:54:00.340 Baler clock set to 2014-06-06 14:53:59
2014-06-06 14:54:00.340 Starting to Read DP Tokens
2014-06-06 14:54:00.340 DP Tokens loaded, size=1474 bytes
2014-06-06 14:54:00.340 webserver advertising 192.168.200.119:5380
2014-06-06 14:54:00.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-06 14:54:00.340 filters & delay HH1:2@100,Linear all=0.320000
2014-06-06 14:54:00.340 filters & delay HH2:3@100,Linear all=0.320000
2014-06-06 14:54:00.340 filters & delay BDH:4@20,Linear all=1.650000
2014-06-06 14:54:00.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-06 14:54:00.340 filters & delay LH1:2@1,Linear all=15.000000
2014-06-06 14:54:00.340 filters & delay LH2:3@1,Linear all=15.000000
2014-06-06 14:54:00.340 filters & delay LDH:4@1,Linear all=15.000000
2014-06-06 14:54:00.340 [2014-06-06 02:47:36.000001] continuity found: 5272965
455338056.000000 Q=100
2014-06-06 14:54:00.340 [2014-06-06 02:47:36.000001] restoring continuity
2014-06-06 14:54:00.340 Sending DT_OPEN
2014-06-06 14:54:00.340 Station: XX-2017
2014-06-06 14:54:00.340 Q330 Serial Number: 0100000DB18FC351
2014-06-06 14:54:00.340 AMB Serial Number: 0100000B6909DD82
2014-06-06 14:54:00.340 Seismo 1 Serial Number: 0000000000000000
2014-06-06 14:54:00.340 Seismo 2 Serial Number: 0000000000000000
2014-06-06 14:54:00.340 QAPCHP 1 Serial Number: 4643206
2014-06-06 14:54:00.340 QAPCHP 2 Serial Number: 3743050
2014-06-06 14:54:00.340 KMI Property Tag Number: 2017
2014-06-06 14:54:00.340 System Software Version: 1.146
2014-06-06 14:54:00.340 Slave Processor Version: 1.11
2014-06-06 14:54:00.340 Calibrator Type: QCAL330
2014-06-06 14:54:00.340 Calibrator Version: 1.8
2014-06-06 14:54:00.340 Auxiliary Board Type: None
2014-06-06 14:54:00.340 Clock Type: Motorola M12
2014-06-06 14:54:00.340 PLD Version: 7.9
2014-06-06 14:54:00.340 Total Hours: 66619.34
2014-06-06 14:54:00.340 Power On Hours: 31249.73
2014-06-06 14:54:00.340 Time of Last Boot: 2014-04-06 02:03:58
2014-06-06 14:54:00.340 Total Number of Boots: 120
2014-06-06 14:54:00.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-06 14:54:00.340 Total Number of Re-Syncs: 213
2014-06-06 14:54:00.340 Status Inputs: 00000000
2014-06-06 14:54:00.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-06 14:54:00.340 Clock Quality: 100%
2014-06-06 14:54:00.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-06 14:54:00.340 Clock Phase: 0 usec. max allowed=50000
2014-06-06 14:54:00.340 Boom positions:
2014-06-06 14:54:00.340 Ch1: -2 Ch2: -4 Ch3: 6 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-06 14:54:00.340 Analog Status
2014-06-06 14:54:00.340 Analog Positive Supply: 5.46v
2014-06-06 14:54:00.340 Input Voltage: 13.35v
2014-06-06 14:54:00.340 System Temperature: 5C
2014-06-06 14:54:00.340 Main Current: 61ma
2014-06-06 14:54:00.340 Antenna Current: 0ma
2014-06-06 14:54:00.340 GPS Status
2014-06-06 14:54:00.340 Time: 14:53:59
2014-06-06 14:54:00.340 Date:
2014-06-06 14:54:00.340 Fix Type: 1-D
2014-06-06 14:54:00.340 Height:
2014-06-06 14:54:00.340 Latitude:
2014-06-06 14:54:00.340 Longitude:
2014-06-06 14:54:00.340 On Time: 0min
2014-06-06 14:54:00.340 Sat. Used: 0
2014-06-06 14:54:00.340 In View: 0

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2014-06-06 14:54:00.340 Checksum Errors: 0
2014-06-06 14:54:00.340 Last GPS timemark: 2014-06-06 14:53:58
2014-06-06 14:54:00.340 PLL Status
2014-06-06 14:54:00.340 State: Lock
2014-06-06 14:54:00.340 Initial VCO: 2201.048828
2014-06-06 14:54:00.340 Time Error: 0.000000
2014-06-06 14:54:00.340 RMS VCO: 0.000000
2014-06-06 14:54:00.340 Best VCO: 2201.23
2014-06-06 14:54:00.340 Seconds Since Track or Lock: 0.0
2014-06-06 14:54:00.340 Vco Control: 2201
2014-06-06 14:54:00.340 timing mode: external seascan
2014-06-06 14:54:00.340 tempco normal
2014-06-06 14:54:00.340 PLL update: 10s PLL lock criterion: 5us
2014-06-06 14:54:00.340 Pfrac: 150.00
2014-06-06 14:54:00.340 VCO slope: -0.0175000
2014-06-06 14:54:00.340 VCO intercept: 7.1100001
2014-06-06 14:54:00.340 km delta: 600.0000000
2014-06-06 14:54:00.340 Logical Port 4 Status
2014-06-06 14:54:00.340 Data Packets Sent: 6112645
2014-06-06 14:54:00.340 Flood Packets Sent: 0
2014-06-06 14:54:00.340 Packets Re-Sent: 8622
2014-06-06 14:54:00.340 Sequence Errors: 0
2014-06-06 14:54:00.340 Packet Buffer Used: 23043736
2014-06-06 14:54:00.340 Physical Port: Ethernet
2014-06-06 14:54:00.340 Baler Model: 14 Software Version: 2.28
2014-06-06 14:54:00.340 MAC Address: 00:04:FB:00:02:EA
2014-06-06 14:54:00.340 Disk Size: 20000669696
2014-06-06 14:54:00.340 Percent of 1177 data files in use: 13.0
2014-06-06 14:54:00.340 Channels Enabled: 1234 Preamps ON channels:
2014-06-06 14:54:00.340 Channel Sensitivities (uV per count):
2014-06-06 14:54:00.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-06 14:54:00.340 Digitizer Calibration Results:
2014-06-06 14:54:00.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-06 14:54:00.340 DMU1 Software Version=10
2014-06-06 14:54:00.340 Supply Voltage=12.7
2014-06-06 14:54:00.340 Supply Current=0.41
2014-06-06 14:54:00.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-06 14:54:00.340 webLink Data Maps Restored
2014-06-06 14:54:00.340 [2014-06-06 02:47:36.000001] sequence resumes: 5272965 to
5272965
2014-06-06 14:54:00.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-06 14:53:59
2014-06-06 14:59:48.070 Reducing Status Polling Interval
2014-06-06 14:59:48.070 [2014-06-06 14:59:46.999998] total packets received: 55755
2014-06-06 14:59:48.070 [2014-06-06 14:59:46.999998] command timeouts: 6
2014-06-06 14:59:48.070 [2014-06-06 14:59:46.999998] out of window: 75
2014-06-06 14:59:48.070 written: HHZ-1146 HH1-1484 HH2-1498 BDH-451 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-06 14:59:48.070 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-27
VMZ-2 VM1-2
2014-06-06 14:59:48.070 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-06 14:59:48.070 [2014-06-06 14:59:46.999998] Done: 4725 recs. seq end:
5316896. run: 343 s
2014-06-07 03:00:41.350
2014-06-07 03:00:41.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-07 03:00:41.350 Control Port 2491 Opened
2014-06-07 03:00:41.350 Baler ready on Ethernet
2014-06-07 03:00:41.350 Power Cycled Baler Acknowledged
2014-06-07 03:00:41.350 Commands Accepted by Q330
2014-06-07 03:00:41.350 Access timeout: 300 sec
2014-06-07 03:00:41.350 Control Port 4023 Opened
2014-06-07 03:00:41.350 Data Port 4024 Opened
2014-06-07 03:00:41.350 Registered with Q330

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2014-06-07 03:00:41.350 Combination Record Received
2014-06-07 03:00:41.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-07 03:00:41.350 Link Reset, starting window sequence: 7270
2014-06-07 03:00:41.350 GPS Receiver ID Received
2014-06-07 03:00:41.350 Manufacturer's Data Received, Property Tag=2017
2014-06-07 03:00:41.350 Digitizer Gain & Offsets Received
2014-06-07 03:00:41.350 Msg From 192.168.200.119: Baler XX-2017 readback. 4725 recs.
seq end: 5316896
2014-06-07 03:00:41.350 Baler clock set to 2014-06-07 03:00:40
2014-06-07 03:00:41.350 Starting to Read DP Tokens
2014-06-07 03:00:41.350 DP Tokens loaded, size=1474 bytes
2014-06-07 03:00:41.350 webserver advertising 192.168.200.119:5380
2014-06-07 03:00:41.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-07 03:00:41.350 filters & delay HH1:2@100,Linear all=0.320000
2014-06-07 03:00:41.350 filters & delay HH2:3@100,Linear all=0.320000
2014-06-07 03:00:41.350 filters & delay BDH:4@20,Linear all=1.650000
2014-06-07 03:00:41.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-07 03:00:41.350 filters & delay LH1:2@1,Linear all=15.000000
2014-06-07 03:00:41.350 filters & delay LH2:3@1,Linear all=15.000000
2014-06-07 03:00:41.350 filters & delay LDH:4@1,Linear all=15.000000
2014-06-07 03:00:41.350 [2014-06-06 14:59:46.999998] continuity found: 5316896
455381987.000000 Q=100
2014-06-07 03:00:41.350 [2014-06-06 14:59:46.999998] restoring continuity
2014-06-07 03:00:41.350 Sending DT_OPEN
2014-06-07 03:00:41.350 Station: XX-2017
2014-06-07 03:00:41.350 Q330 Serial Number: 0100000DB18FC351
2014-06-07 03:00:41.350 AMB Serial Number: 0100000B6909DD82
2014-06-07 03:00:41.350 Seismo 1 Serial Number: 0000000000000000
2014-06-07 03:00:41.350 Seismo 2 Serial Number: 0000000000000000
2014-06-07 03:00:41.350 QAPCHP 1 Serial Number: 4643206
2014-06-07 03:00:41.350 QAPCHP 2 Serial Number: 3743050
2014-06-07 03:00:41.350 KMI Property Tag Number: 2017
2014-06-07 03:00:41.350 System Software Version: 1.146
2014-06-07 03:00:41.350 Slave Processor Version: 1.11
2014-06-07 03:00:41.350 Calibrator Type: QCAL330
2014-06-07 03:00:41.350 Calibrator Version: 1.8
2014-06-07 03:00:41.350 Auxiliary Board Type: None
2014-06-07 03:00:41.350 Clock Type: Motorola M12
2014-06-07 03:00:41.350 PLD Version: 7.9
2014-06-07 03:00:41.350 Total Hours: 66631.46
2014-06-07 03:00:41.350 Power On Hours: 31261.84
2014-06-07 03:00:41.350 Time of Last Boot: 2014-04-06 02:03:58
2014-06-07 03:00:41.350 Total Number of Boots: 120
2014-06-07 03:00:41.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-07 03:00:41.350 Total Number of Re-Syncs: 213
2014-06-07 03:00:41.350 Status Inputs: 00000000
2014-06-07 03:00:41.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-07 03:00:41.350 Clock Quality: 100%
2014-06-07 03:00:41.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-07 03:00:41.350 Clock Phase: 1 usec. max allowed=50000
2014-06-07 03:00:41.350 Boom positions:
2014-06-07 03:00:41.350 ch1: -2 ch2: -4 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-06-07 03:00:41.350 Analog Status
2014-06-07 03:00:41.350 Analog Positive Supply: 5.46V
2014-06-07 03:00:41.350 Input Voltage: 13.35V
2014-06-07 03:00:41.350 System Temperature: 5C
2014-06-07 03:00:41.350 Main Current: 61ma
2014-06-07 03:00:41.350 Antenna Current: 0ma
2014-06-07 03:00:41.350 GPS Status
2014-06-07 03:00:41.350 Time: 03:00:40
2014-06-07 03:00:41.350 Date:
2014-06-07 03:00:41.350 Fix Type: 1-D
2014-06-07 03:00:41.350 Height:

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2014-06-07 03:00:41.350 Latitude:  
 2014-06-07 03:00:41.350 Longitude:  
 2014-06-07 03:00:41.350 On Time: 0min  
 2014-06-07 03:00:41.350 Sat. Used: 0  
 2014-06-07 03:00:41.350 In View: 0  
 2014-06-07 03:00:41.350 Checksum Errors: 0  
 2014-06-07 03:00:41.350 Last GPS timemark: 2014-06-07 03:00:39  
 2014-06-07 03:00:41.350 PLL Status  
 2014-06-07 03:00:41.350 State: Lock  
 2014-06-07 03:00:41.350 Initial VCO: 2200.992920  
 2014-06-07 03:00:41.350 Time Error: 0.000000  
 2014-06-07 03:00:41.350 RMS VCO: 0.000000  
 2014-06-07 03:00:41.350 Best VCO: 2201.02  
 2014-06-07 03:00:41.350 Seconds Since Track or Lock: 0.0  
 2014-06-07 03:00:41.350 Vco Control: 2201  
 2014-06-07 03:00:41.350 timing mode: external seascan  
 2014-06-07 03:00:41.350 tempco normal  
 2014-06-07 03:00:41.350 PLL update: 10s PLL lock criterion: 5us  
 2014-06-07 03:00:41.350 Pfrac: 150.00  
 2014-06-07 03:00:41.350 VCO slope: -0.0175000  
 2014-06-07 03:00:41.350 VCO intercept: 7.1100001  
 2014-06-07 03:00:41.350 Km delta: 600.0000000  
 2014-06-07 03:00:41.350 Logical Port 4 Status  
 2014-06-07 03:00:41.350 Data Packets Sent: 6168294  
 2014-06-07 03:00:41.350 Flood Packets Sent: 0  
 2014-06-07 03:00:41.350 Packets Re-Sent: 8710  
 2014-06-07 03:00:41.350 Sequence Errors: 0  
 2014-06-07 03:00:41.350 Packet Buffer Used: 22982540  
 2014-06-07 03:00:41.350 Physical Port: Ethernet  
 2014-06-07 03:00:41.350 Baler Model: 14 Software Version: 2.28  
 2014-06-07 03:00:41.350 MAC Address: 00:04:FB:00:02:EA  
 2014-06-07 03:00:41.350 Disk Size: 20000669696  
 2014-06-07 03:00:41.350 Percent of 1177 data files in use: 13.1  
 2014-06-07 03:00:41.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-07 03:00:41.350 Channel Sensitivities (uV per count):  
 2014-06-07 03:00:41.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-07 03:00:41.350 Digitizer Calibration Results:  
 2014-06-07 03:00:41.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-07 03:00:41.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-07 03:00:41.350 DMU1 Software Version=10  
 2014-06-07 03:00:41.350 Supply Voltage=12.7  
 2014-06-07 03:00:41.350 Supply Current=0.41  
 2014-06-07 03:00:41.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-07 03:00:41.350 webLink Data Maps Restored  
 2014-06-07 03:00:41.350 [2014-06-06 14:59:46.999998] sequence resumes: 5316896 to  
 5316896  
 2014-06-07 03:00:41.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-07 03:00:40  
 2014-06-07 03:04:58.240 [2014-06-07 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-06-07 03:06:24.200 Reducing Status Polling Interval  
 2014-06-07 03:06:24.200 [2014-06-07 03:06:22.999998] total packets received: 55503  
 2014-06-07 03:06:24.200 [2014-06-07 03:06:22.999998] command timeouts: 6  
 2014-06-07 03:06:24.200 [2014-06-07 03:06:22.999998] out of window: 74  
 2014-06-07 03:06:24.200 written: HHZ-1166 HH1-1503 HH2-1452 BDH-439 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-06-07 03:06:24.200 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-06-07 03:06:24.200 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-07 03:06:24.200 [2014-06-07 03:06:22.999998] Done: 4703 recs. seq end:  
 5360492. run: 339 s  
 2014-06-07 15:07:17.370  
 2014-06-07 15:07:17.370 Quanterra Packet Baler Model 14 Restart. Version 2.28

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2014-06-07 15:07:17.370 Control Port 2491 Opened
2014-06-07 15:07:17.370 Baler ready on Ethernet
2014-06-07 15:07:17.370 Power Cycled Baler Acknowledged
2014-06-07 15:07:17.370 Commands Accepted by Q330
2014-06-07 15:07:17.370 Access timeout: 300 sec
2014-06-07 15:07:17.370 Control Port 4023 Opened
2014-06-07 15:07:17.370 Data Port 4024 Opened
2014-06-07 15:07:17.370 Registered with Q330
2014-06-07 15:07:17.370 Combination Record Received
2014-06-07 15:07:17.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-07 15:07:17.370 Link Reset, starting window sequence: 62663
2014-06-07 15:07:17.370 GPS Receiver ID Received
2014-06-07 15:07:17.370 Manufacturer's Data Received, Property Tag=2017
2014-06-07 15:07:17.370 Digitizer Gain & Offsets Received
2014-06-07 15:07:17.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4703 recs.
seq end: 5360492
2014-06-07 15:07:17.370 Baler clock set to 2014-06-07 15:07:16
2014-06-07 15:07:17.370 Starting to Read DP Tokens
2014-06-07 15:07:17.370 DP Tokens loaded, size=1474 bytes
2014-06-07 15:07:17.370 Webserver advertising 192.168.200.119:5380
2014-06-07 15:07:17.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-07 15:07:17.370 filters & delay HH1:2@100,Linear all=0.320000
2014-06-07 15:07:17.370 filters & delay HH2:3@100,Linear all=0.320000
2014-06-07 15:07:17.370 filters & delay BDH:4@20,Linear all=1.650000
2014-06-07 15:07:17.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-07 15:07:17.370 filters & delay LH1:2@1,Linear all=15.000000
2014-06-07 15:07:17.370 filters & delay LH2:3@1,Linear all=15.000000
2014-06-07 15:07:17.370 filters & delay LDH:4@1,Linear all=15.000000
2014-06-07 15:07:17.370 [2014-06-07 03:06:22.999998] continuity found: 5360492
455425583.000000 Q=100
2014-06-07 15:07:17.370 [2014-06-07 03:06:22.999998] restoring continuity
2014-06-07 15:07:17.370 Sending DT_OPEN
2014-06-07 15:07:17.370 Station: XX-2017
2014-06-07 15:07:17.370 Q330 Serial Number: 0100000DB18FC351
2014-06-07 15:07:17.370 AMB Serial Number: 0100000B6909DD82
2014-06-07 15:07:17.370 Seismo 1 Serial Number: 0000000000000000
2014-06-07 15:07:17.370 Seismo 2 Serial Number: 0000000000000000
2014-06-07 15:07:17.370 QAPCHP 1 Serial Number: 4643206
2014-06-07 15:07:17.370 QAPCHP 2 Serial Number: 3743050
2014-06-07 15:07:17.370 KMI Property Tag Number: 2017
2014-06-07 15:07:17.370 System Software Version: 1.146
2014-06-07 15:07:17.370 Slave Processor Version: 1.11
2014-06-07 15:07:17.370 Calibrator Type: QCAL330
2014-06-07 15:07:17.370 Calibrator Version: 1.8
2014-06-07 15:07:17.370 Auxiliary Board Type: None
2014-06-07 15:07:17.370 Clock Type: Motorola M12
2014-06-07 15:07:17.370 PLD Version: 7.9
2014-06-07 15:07:17.370 Total Hours: 66643.57
2014-06-07 15:07:17.370 Power On Hours: 31273.95
2014-06-07 15:07:17.370 Time of Last Boot: 2014-04-06 02:03:58
2014-06-07 15:07:17.370 Total Number of Boots: 120
2014-06-07 15:07:17.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-07 15:07:17.370 Total Number of Re-Syncs: 213
2014-06-07 15:07:17.370 Status Inputs: 00000000
2014-06-07 15:07:17.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-07 15:07:17.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-07 15:07:17.370 Clock Phase: 0 usec. max allowed=50000
2014-06-07 15:07:17.370 Boom positions:
2014-06-07 15:07:17.370 Ch1: -2 Ch2: -9 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-07 15:07:17.370 Analog Status
2014-06-07 15:07:17.370 Analog Positive Supply: 5.46V
2014-06-07 15:07:17.370 Input Voltage: 13.20V
2014-06-07 15:07:17.370 System Temperature: 5C

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2014-06-07 15:07:17.370 Main Current: 63ma  
 2014-06-07 15:07:17.370 Antenna Current: 0ma  
 2014-06-07 15:07:17.370 GPS Status  
 2014-06-07 15:07:17.370 Time: 15:07:16  
 2014-06-07 15:07:17.370 Date:  
 2014-06-07 15:07:17.370 Fix Type: 1-D  
 2014-06-07 15:07:17.370 Height:  
 2014-06-07 15:07:17.370 Latitude:  
 2014-06-07 15:07:17.370 Longitude:  
 2014-06-07 15:07:17.370 On Time: 0min  
 2014-06-07 15:07:17.370 Sat. Used: 0  
 2014-06-07 15:07:17.370 In View: 0  
 2014-06-07 15:07:17.370 Checksum Errors: 0  
 2014-06-07 15:07:17.370 Last GPS timemark: 2014-06-07 15:07:15  
 2014-06-07 15:07:17.370 PLL Status  
 2014-06-07 15:07:17.370 State: Lock  
 2014-06-07 15:07:17.370 Initial VCO: 2201.106689  
 2014-06-07 15:07:17.370 Time Error: 0.000000  
 2014-06-07 15:07:17.370 RMS VCO: 0.000000  
 2014-06-07 15:07:17.370 Best VCO: 2201.05  
 2014-06-07 15:07:17.370 Seconds Since Track or Lock: 0.0  
 2014-06-07 15:07:17.370 Vco Control: 2201  
 2014-06-07 15:07:17.370 timing mode: external seascan  
 2014-06-07 15:07:17.370 tempco normal  
 2014-06-07 15:07:17.370 PLL update: 10s PLL lock criterion: 5us  
 2014-06-07 15:07:17.370 Pfrac: 150.00  
 2014-06-07 15:07:17.370 VCO slope: -0.0175000  
 2014-06-07 15:07:17.370 VCO intercept: 7.1100001  
 2014-06-07 15:07:17.370 Km delta: 600.000000  
 2014-06-07 15:07:17.370 Logical Port 4 Status  
 2014-06-07 15:07:17.370 Data Packets Sent: 6223692  
 2014-06-07 15:07:17.370 Flood Packets Sent: 0  
 2014-06-07 15:07:17.370 Packets Re-Sent: 8798  
 2014-06-07 15:07:17.370 Sequence Errors: 0  
 2014-06-07 15:07:17.370 Packet Buffer Used: 21828012  
 2014-06-07 15:07:17.370 Physical Port: Ethernet  
 2014-06-07 15:07:17.370 Baler Model: 14 Software Version: 2.28  
 2014-06-07 15:07:17.370 MAC Address: 00:04:FB:00:02:EA  
 2014-06-07 15:07:17.370 Disk Size: 20000669696  
 2014-06-07 15:07:17.370 Percent of 1177 data files in use: 13.2  
 2014-06-07 15:07:17.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-07 15:07:17.370 Channel Sensitivities (uV per count):  
 2014-06-07 15:07:17.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-07 15:07:17.370 Digitizer Calibration Results:  
 2014-06-07 15:07:17.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-07 15:07:17.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-07 15:07:17.370 DMU1 Software Version=10  
 2014-06-07 15:07:17.370 Supply Voltage=12.7  
 2014-06-07 15:07:17.370 Supply Current=0.41  
 2014-06-07 15:07:17.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-07 15:07:17.370 WebLink Data Maps Restored  
 2014-06-07 15:07:17.370 [2014-06-07 03:06:22.999998] sequence resumes: 5360492 to 5360492  
 2014-06-07 15:07:17.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-07 15:07:16  
 2014-06-07 15:12:45.110 Reducing Status Polling Interval  
 2014-06-07 15:12:45.110 [2014-06-07 15:12:43.999998] total packets received: 46849  
 2014-06-07 15:12:45.110 [2014-06-07 15:12:43.999998] command timeouts: 6  
 2014-06-07 15:12:45.110 [2014-06-07 15:12:43.999998] out of window: 59  
 2014-06-07 15:12:45.110 written: HHZ-1099 HH1-1381 HH2-1381 BDH-436 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-06-07 15:12:45.110 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1

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2014-06-07 15:12:45.110 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-07 15:12:45.110 [2014-06-07 15:12:43.999998] Done: 4431 recs. seq end:
5404073. run: 323 s
2014-06-08 03:13:37.340
2014-06-08 03:13:37.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-08 03:13:37.340 Control Port 2491 Opened
2014-06-08 03:13:37.340 Baler ready on Ethernet
2014-06-08 03:13:37.340 Power Cycled Baler Acknowledged
2014-06-08 03:13:37.340 Commands Accepted by Q330
2014-06-08 03:13:37.340 Access timeout: 300 sec
2014-06-08 03:13:37.340 Control Port 4023 Opened
2014-06-08 03:13:37.340 Data Port 4024 Opened
2014-06-08 03:13:37.340 Registered with Q330
2014-06-08 03:13:37.340 Combination Record Received
2014-06-08 03:13:37.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-08 03:13:37.340 Link Reset, starting window sequence: 43882
2014-06-08 03:13:37.340 GPS Receiver ID Received
2014-06-08 03:13:37.340 Manufacturer's Data Received, Property Tag=2017
2014-06-08 03:13:37.340 Digitizer Gain & Offsets Received
2014-06-08 03:13:37.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4431 recs.
seq end: 5404073
2014-06-08 03:13:37.340 Baler clock set to 2014-06-08 03:13:36
2014-06-08 03:13:37.340 Starting to Read DP Tokens
2014-06-08 03:13:37.340 DP Tokens loaded, size=1474 bytes
2014-06-08 03:13:37.340 webserver advertising 192.168.200.119:5380
2014-06-08 03:13:37.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-08 03:13:37.340 filters & delay HH1:2@100,Linear all=0.320000
2014-06-08 03:13:37.340 filters & delay HH2:3@100,Linear all=0.320000
2014-06-08 03:13:37.340 filters & delay BDH:4@20,Linear all=1.650000
2014-06-08 03:13:37.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-08 03:13:37.340 filters & delay LH1:2@1,Linear all=15.000000
2014-06-08 03:13:37.340 filters & delay LH2:3@1,Linear all=15.000000
2014-06-08 03:13:37.340 filters & delay LDH:4@1,Linear all=15.000000
2014-06-08 03:13:37.340 [2014-06-07 15:12:43.999998] continuity found: 5404073
455469164.000000 Q=100
2014-06-08 03:13:37.340 [2014-06-07 15:12:43.999998] restoring continuity
2014-06-08 03:13:37.340 Sending DT_OPEN
2014-06-08 03:13:37.340 Station: XX-2017
2014-06-08 03:13:37.340 Q330 Serial Number: 0100000DB18FC351
2014-06-08 03:13:37.340 AMB Serial Number: 0100000B6909DD82
2014-06-08 03:13:37.340 Seismo 1 Serial Number: 0000000000000000
2014-06-08 03:13:37.340 Seismo 2 Serial Number: 0000000000000000
2014-06-08 03:13:37.340 QAPCHP 1 Serial Number: 4643206
2014-06-08 03:13:37.340 QAPCHP 2 Serial Number: 3743050
2014-06-08 03:13:37.340 KMI Property Tag Number: 2017
2014-06-08 03:13:37.340 System Software Version: 1.146
2014-06-08 03:13:37.340 Slave Processor Version: 1.11
2014-06-08 03:13:37.340 Calibrator Type: QCAL330
2014-06-08 03:13:37.340 Calibrator Version: 1.8
2014-06-08 03:13:37.340 Auxiliary Board Type: None
2014-06-08 03:13:37.340 Clock Type: Motorola M12
2014-06-08 03:13:37.340 PLD Version: 7.9
2014-06-08 03:13:37.340 Total Hours: 66655.67
2014-06-08 03:13:37.340 Power On Hours: 31286.06
2014-06-08 03:13:37.340 Time of Last Boot: 2014-04-06 02:03:58
2014-06-08 03:13:37.340 Total Number of Boots: 120
2014-06-08 03:13:37.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-08 03:13:37.340 Total Number of Re-Syncs: 213
2014-06-08 03:13:37.340 Status Inputs: 00000000
2014-06-08 03:13:37.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-08 03:13:37.340 Clock Quality: 100%
2014-06-08 03:13:37.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-08 03:13:37.340 Clock Phase: 1 usec. max allowed=50000

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2014-06-08 03:13:37.340 Boom positions:  
 2014-06-08 03:13:37.340 Ch1: -2 Ch2: -10 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-08 03:13:37.340 Analog Status  
 2014-06-08 03:13:37.340 Analog Positive Supply: 5.46V  
 2014-06-08 03:13:37.340 Input Voltage: 13.20V  
 2014-06-08 03:13:37.340 System Temperature: 5C  
 2014-06-08 03:13:37.340 Main Current: 61ma  
 2014-06-08 03:13:37.340 Antenna Current: 0ma  
 2014-06-08 03:13:37.340 GPS Status  
 2014-06-08 03:13:37.340 Time: 03:13:35  
 2014-06-08 03:13:37.340 Date:  
 2014-06-08 03:13:37.340 Fix Type: 1-D  
 2014-06-08 03:13:37.340 Height:  
 2014-06-08 03:13:37.340 Latitude:  
 2014-06-08 03:13:37.340 Longitude:  
 2014-06-08 03:13:37.340 On Time: 0min  
 2014-06-08 03:13:37.340 Sat. Used: 0  
 2014-06-08 03:13:37.340 In View: 0  
 2014-06-08 03:13:37.340 Checksum Errors: 0  
 2014-06-08 03:13:37.340 Last GPS timemark: 2014-06-08 03:13:34  
 2014-06-08 03:13:37.340 PLL Status  
 2014-06-08 03:13:37.340 State: Lock  
 2014-06-08 03:13:37.340 Initial VCO: 2201.348633  
 2014-06-08 03:13:37.340 Time Error: 0.000000  
 2014-06-08 03:13:37.340 RMS VCO: 0.000000  
 2014-06-08 03:13:37.340 Best VCO: 2201.29  
 2014-06-08 03:13:37.340 Seconds Since Track or Lock: 0.0  
 2014-06-08 03:13:37.340 Vco Control: 2201  
 2014-06-08 03:13:37.340 timing mode: external seascan  
 2014-06-08 03:13:37.340 tempco normal  
 2014-06-08 03:13:37.340 PLL update: 10s PLL lock criterion: 5us  
 2014-06-08 03:13:37.340 Pfrac: 150.00  
 2014-06-08 03:13:37.340 VCO slope: -0.0175000  
 2014-06-08 03:13:37.340 VCO intercept: 7.1100001  
 2014-06-08 03:13:37.340 Km delta: 600.0000000  
 2014-06-08 03:13:37.340 Logical Port 4 Status  
 2014-06-08 03:13:37.340 Data Packets Sent: 6270452  
 2014-06-08 03:13:37.340 Flood Packets Sent: 0  
 2014-06-08 03:13:37.340 Packets Re-Sent: 8870  
 2014-06-08 03:13:37.340 Sequence Errors: 0  
 2014-06-08 03:13:37.340 Packet Buffer Used: 22228240  
 2014-06-08 03:13:37.340 Physical Port: Ethernet  
 2014-06-08 03:13:37.340 Baler Model: 14 Software Version: 2.28  
 2014-06-08 03:13:37.340 MAC Address: 00:04:FB:00:02:EA  
 2014-06-08 03:13:37.340 Disk Size: 20000669696  
 2014-06-08 03:13:37.340 Percent of 1177 data files in use: 13.2  
 2014-06-08 03:13:37.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-08 03:13:37.340 Channel Sensitivities (uV per count):  
 2014-06-08 03:13:37.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-08 03:13:37.340 Digitizer Calibration Results:  
 2014-06-08 03:13:37.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-08 03:13:37.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-08 03:13:37.340 DMU1 Software Version=10  
 2014-06-08 03:13:37.340 Supply Voltage=12.8  
 2014-06-08 03:13:37.340 Supply Current=0.40  
 2014-06-08 03:13:37.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-08 03:13:37.340 WebLink Data Maps Restored  
 2014-06-08 03:13:37.340 [2014-06-07 15:12:43.999998] sequence resumes: 5404073 to 5404073  
 2014-06-08 03:13:37.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-08 03:13:36  
 2014-06-08 03:17:46.100 [2014-06-08 00:00:00.000001] Saving Configuration to Backup Memory

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2014-06-08 03:19:15.570 Reducing Status Polling Interval
2014-06-08 03:19:15.570 [2014-06-08 03:19:13.999998] total packets received: 48391
2014-06-08 03:19:15.570 [2014-06-08 03:19:13.999998] command timeouts: 6
2014-06-08 03:19:15.570 [2014-06-08 03:19:13.999998] out of window: 77
2014-06-08 03:19:15.570 written: HHZ-1142 HH1-1384 HH2-1424 BDH-438 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-08 03:19:15.570 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-25 LDH-25
VMZ-2 VM1-2
2014-06-08 03:19:15.570 written: VM2-2 LOG-3 ACE-2 OCF-2
2014-06-08 03:19:15.570 [2014-06-08 03:19:13.999998] Done: 4530 recs. seq end:
5447663. run: 333 s
2014-06-08 15:20:06.320
2014-06-08 15:20:06.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-08 15:20:06.320 Control Port 2491 Opened
2014-06-08 15:20:06.320 Baler ready on Ethernet
2014-06-08 15:20:06.320 Power Cycled Baler Acknowledged
2014-06-08 15:20:06.320 Commands Accepted by Q330
2014-06-08 15:20:06.320 Access timeout: 300 sec
2014-06-08 15:20:06.320 Control Port 4023 Opened
2014-06-08 15:20:06.320 Data Port 4024 Opened
2014-06-08 15:20:06.320 Registered with Q330
2014-06-08 15:20:06.320 Combination Record Received
2014-06-08 15:20:06.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-08 15:20:06.320 Link Reset, starting window sequence: 26624
2014-06-08 15:20:06.320 Manufacturer's Data Received, Property Tag=2017
2014-06-08 15:20:06.320 Digitizer Gain & Offsets Received
2014-06-08 15:20:06.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4530 recs.
seq end: 5447663
2014-06-08 15:20:06.320 Baler clock set to 2014-06-08 15:20:05
2014-06-08 15:20:06.320 Starting to Read DP Tokens
2014-06-08 15:20:06.320 DP Tokens loaded, size=1474 bytes
2014-06-08 15:20:06.320 webserver advertising 192.168.200.119:5380
2014-06-08 15:20:06.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-08 15:20:06.320 filters & delay HH1:2@100,Linear all=0.320000
2014-06-08 15:20:06.320 filters & delay HH2:3@100,Linear all=0.320000
2014-06-08 15:20:06.320 filters & delay BDH:4@20,Linear all=1.650000
2014-06-08 15:20:06.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-08 15:20:06.320 filters & delay LH1:2@1,Linear all=15.000000
2014-06-08 15:20:06.320 filters & delay LH2:3@1,Linear all=15.000000
2014-06-08 15:20:06.320 filters & delay LDH:4@1,Linear all=15.000000
2014-06-08 15:20:06.320 [2014-06-08 03:19:13.999998] continuity found: 5447663
455512754.000000 Q=100
2014-06-08 15:20:06.320 [2014-06-08 03:19:13.999998] restoring continuity
2014-06-08 15:20:06.320 Sending DT_OPEN
2014-06-08 15:20:06.320 Station: XX-2017
2014-06-08 15:20:06.320 Q330 Serial Number: 0100000DB18FC351
2014-06-08 15:20:06.320 AMB Serial Number: 0100000B6909DD82
2014-06-08 15:20:06.320 Seismo 1 Serial Number: 0000000000000000
2014-06-08 15:20:06.320 Seismo 2 Serial Number: 0000000000000000
2014-06-08 15:20:06.320 QAPCHP 1 Serial Number: 4643206
2014-06-08 15:20:06.320 QAPCHP 2 Serial Number: 3743050
2014-06-08 15:20:06.320 KMI Property Tag Number: 2017
2014-06-08 15:20:06.320 System Software Version: 1.146
2014-06-08 15:20:06.320 Slave Processor Version: 1.11
2014-06-08 15:20:06.320 Calibrator Type: QCAL330
2014-06-08 15:20:06.320 Calibrator Version: 1.8
2014-06-08 15:20:06.320 Auxiliary Board Type: None
2014-06-08 15:20:06.320 Clock Type: Motorola M12
2014-06-08 15:20:06.320 PLD Version: 7.9
2014-06-08 15:20:06.320 Total Hours: 66667.78
2014-06-08 15:20:06.320 Power On Hours: 31298.17
2014-06-08 15:20:06.320 Time of Last Boot: 2014-04-06 02:03:58
2014-06-08 15:20:06.320 Total Number of Boots: 120

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2014-06-08 15:20:06.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-08 15:20:06.320 Total Number of Re-Syncs: 213  
 2014-06-08 15:20:06.320 Status Inputs: 00000000  
 2014-06-08 15:20:06.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-08 15:20:06.320 Clock Quality: 100%  
 2014-06-08 15:20:06.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-08 15:20:06.320 Clock Phase: 0 usec. max allowed=50000  
 2014-06-08 15:20:06.320 Boom positions:  
 2014-06-08 15:20:06.320 Ch1: -2 Ch2: -11 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-08 15:20:06.320 Analog Status  
 2014-06-08 15:20:06.320 Analog Positive Supply: 5.46V  
 2014-06-08 15:20:06.320 Input Voltage: 13.20V  
 2014-06-08 15:20:06.320 System Temperature: 5C  
 2014-06-08 15:20:06.320 Main Current: 62ma  
 2014-06-08 15:20:06.320 Antenna Current: 0ma  
 2014-06-08 15:20:06.320 GPS Status  
 2014-06-08 15:20:06.320 Time: 15:20:05  
 2014-06-08 15:20:06.320 Date:  
 2014-06-08 15:20:06.320 Fix Type: 1-D  
 2014-06-08 15:20:06.320 Height:  
 2014-06-08 15:20:06.320 Latitude:  
 2014-06-08 15:20:06.320 Longitude:  
 2014-06-08 15:20:06.320 On Time: 0min  
 2014-06-08 15:20:06.320 Sat. Used: 0  
 2014-06-08 15:20:06.320 In View: 0  
 2014-06-08 15:20:06.320 Checksum Errors: 0  
 2014-06-08 15:20:06.320 Last GPS timemark: 2014-06-08 15:20:04  
 2014-06-08 15:20:06.320 PLL Status  
 2014-06-08 15:20:06.320 State: Lock  
 2014-06-08 15:20:06.320 Initial VCO: 2201.055664  
 2014-06-08 15:20:06.320 Time Error: -0.000001  
 2014-06-08 15:20:06.320 RMS VCO: 0.0000000  
 2014-06-08 15:20:06.320 Best VCO: 2201.15  
 2014-06-08 15:20:06.320 Seconds Since Track or Lock: 0.0  
 2014-06-08 15:20:06.320 Vco Control: 2201  
 2014-06-08 15:20:06.320 timing mode: external seascan  
 2014-06-08 15:20:06.320 tempco normal  
 2014-06-08 15:20:06.320 PLL update: 10s PLL lock criterion: 5us  
 2014-06-08 15:20:06.320 Pfrac: 150.00  
 2014-06-08 15:20:06.320 VCO slope: -0.0175000  
 2014-06-08 15:20:06.320 VCO intercept: 7.1100001  
 2014-06-08 15:20:06.320 Km delta: 600.0000000  
 2014-06-08 15:20:06.320 Logical Port 4 Status  
 2014-06-08 15:20:06.320 Data Packets Sent: 6318735  
 2014-06-08 15:20:06.320 Flood Packets Sent: 0  
 2014-06-08 15:20:06.320 Packets Re-Sent: 8965  
 2014-06-08 15:20:06.320 Sequence Errors: 0  
 2014-06-08 15:20:06.320 Packet Buffer Used: 22475400  
 2014-06-08 15:20:06.320 Physical Port: Ethernet  
 2014-06-08 15:20:06.320 Baler Model: 14 Software Version: 2.28  
 2014-06-08 15:20:06.320 MAC Address: 00:04:FB:00:02:EA  
 2014-06-08 15:20:06.320 Disk Size: 20000669696  
 2014-06-08 15:20:06.320 Percent of 1177 data files in use: 13.3  
 2014-06-08 15:20:06.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-08 15:20:06.320 Channel Sensitivities (uV per count):  
 2014-06-08 15:20:06.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-08 15:20:06.320 Digitizer Calibration Results:  
 2014-06-08 15:20:06.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-08 15:20:06.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-08 15:20:06.320 DMU1 Software Version=10  
 2014-06-08 15:20:06.320 Supply Voltage=12.7  
 2014-06-08 15:20:06.320 Supply Current=0.41  
 2014-06-08 15:20:06.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A

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2014-06-08 15:20:06.320 WebLink Data Maps Restored
2014-06-08 15:20:06.320 [2014-06-08 03:19:13.999998] sequence resumes: 5447663 to
5447663
2014-06-08 15:20:06.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-08 15:20:05
2014-06-08 15:25:35.930 [2014-06-08 15:25:27.999998] total packets received: 48848
2014-06-08 15:25:35.930 [2014-06-08 15:25:27.999998] command timeouts: 6
2014-06-08 15:25:35.930 [2014-06-08 15:25:27.999998] out of window: 58
2014-06-08 15:25:35.930 written: HHZ-1172 HH1-1405 HH2-1436 BDH-432 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-08 15:25:35.930 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-08 15:25:35.930 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-08 15:25:35.930 [2014-06-08 15:25:27.999998] Done: 4588 recs. seq end:
5491237. run: 325 s
2014-06-09 03:26:27.340
2014-06-09 03:26:27.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-09 03:26:27.340 Control Port 2491 Opened
2014-06-09 03:26:27.340 Baler ready on Ethernet
2014-06-09 03:26:27.340 Power Cycled Baler Acknowledged
2014-06-09 03:26:27.340 Commands Accepted by Q330
2014-06-09 03:26:27.340 Access timeout: 300 sec
2014-06-09 03:26:27.340 Control Port 4023 Opened
2014-06-09 03:26:27.340 Data Port 4024 Opened
2014-06-09 03:26:27.340 Registered with Q330
2014-06-09 03:26:27.340 Combination Record Received
2014-06-09 03:26:27.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-09 03:26:27.340 Link Reset, starting window sequence: 9843
2014-06-09 03:26:27.340 GPS Receiver ID Received
2014-06-09 03:26:27.340 Manufacturer's Data Received, Property Tag=2017
2014-06-09 03:26:27.340 Digitizer Gain & Offsets Received
2014-06-09 03:26:27.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4588 recs.
seq end: 5491237
2014-06-09 03:26:27.340 Baler clock set to 2014-06-09 03:26:26
2014-06-09 03:26:27.340 Starting to Read DP Tokens
2014-06-09 03:26:27.340 DP Tokens loaded, size=1474 bytes
2014-06-09 03:26:27.340 webserver advertising 192.168.200.119:5380
2014-06-09 03:26:27.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-09 03:26:27.340 filters & delay HH1:2@100,Linear all=0.320000
2014-06-09 03:26:27.340 filters & delay HH2:3@100,Linear all=0.320000
2014-06-09 03:26:27.340 filters & delay BDH:4@20,Linear all=1.650000
2014-06-09 03:26:27.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-09 03:26:27.340 filters & delay LH1:2@1,Linear all=15.000000
2014-06-09 03:26:27.340 filters & delay LH2:3@1,Linear all=15.000000
2014-06-09 03:26:27.340 filters & delay LDH:4@1,Linear all=15.000000
2014-06-09 03:26:27.340 [2014-06-08 15:25:27.999998] continuity found: 5491237
455556328.000000 Q=100
2014-06-09 03:26:27.340 [2014-06-08 15:25:27.999998] restoring continuity
2014-06-09 03:26:27.340 Sending DT_OPEN
2014-06-09 03:26:27.340 Station: XX-2017
2014-06-09 03:26:27.340 Q330 Serial Number: 0100000DB18FC351
2014-06-09 03:26:27.340 AMB Serial Number: 0100000B6909DD82
2014-06-09 03:26:27.340 Seismo 1 Serial Number: 0000000000000000
2014-06-09 03:26:27.340 Seismo 2 Serial Number: 0000000000000000
2014-06-09 03:26:27.340 QAPCHP 1 Serial Number: 4643206
2014-06-09 03:26:27.340 QAPCHP 2 Serial Number: 3743050
2014-06-09 03:26:27.340 KMI Property Tag Number: 2017
2014-06-09 03:26:27.340 System Software Version: 1.146
2014-06-09 03:26:27.340 Slave Processor Version: 1.11
2014-06-09 03:26:27.340 Calibrator Type: QCAL330
2014-06-09 03:26:27.340 Calibrator Version: 1.8
2014-06-09 03:26:27.340 Auxiliary Board Type: None
2014-06-09 03:26:27.340 Clock Type: Motorola M12

```

S01\_messages.txt

2014-06-09 03:26:27.340 PLD Version: 7.9  
 2014-06-09 03:26:27.340 Total Hours: 66679.89  
 2014-06-09 03:26:27.340 Power On Hours: 31310.27  
 2014-06-09 03:26:27.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-09 03:26:27.340 Total Number of Boots: 120  
 2014-06-09 03:26:27.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-09 03:26:27.340 Total Number of Re-Syncs: 213  
 2014-06-09 03:26:27.340 Status Inputs: 00000000  
 2014-06-09 03:26:27.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-09 03:26:27.340 Clock Quality: 100%  
 2014-06-09 03:26:27.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-09 03:26:27.340 Clock Phase: 0 usec. max allowed=50000  
 2014-06-09 03:26:27.340 Boom positions:  
 2014-06-09 03:26:27.340 ch1: -2 ch2: -12 ch3: -1 ch4: 20 ch5: 20 ch6: 20  
 2014-06-09 03:26:27.340 Analog Status  
 2014-06-09 03:26:27.340 Analog Positive Supply: 5.46V  
 2014-06-09 03:26:27.340 Input Voltage: 13.20V  
 2014-06-09 03:26:27.340 System Temperature: 5C  
 2014-06-09 03:26:27.340 Main Current: 62ma  
 2014-06-09 03:26:27.340 Antenna Current: 0ma  
 2014-06-09 03:26:27.340 GPS Status  
 2014-06-09 03:26:27.340 Time: 03:26:26  
 2014-06-09 03:26:27.340 Date:  
 2014-06-09 03:26:27.340 Fix Type: 1-D  
 2014-06-09 03:26:27.340 Height:  
 2014-06-09 03:26:27.340 Latitude:  
 2014-06-09 03:26:27.340 Longitude:  
 2014-06-09 03:26:27.340 On Time: 0min  
 2014-06-09 03:26:27.340 Sat. Used: 0  
 2014-06-09 03:26:27.340 In View: 0  
 2014-06-09 03:26:27.340 Checksum Errors: 0  
 2014-06-09 03:26:27.340 Last GPS timemark: 2014-06-09 03:26:25  
 2014-06-09 03:26:27.340 PLL Status  
 2014-06-09 03:26:27.340 State: Lock  
 2014-06-09 03:26:27.340 Initial VCO: 2200.789551  
 2014-06-09 03:26:27.340 Time Error: 0.000000  
 2014-06-09 03:26:27.340 RMS VCO: 0.000000  
 2014-06-09 03:26:27.340 Best VCO: 2200.81  
 2014-06-09 03:26:27.340 Seconds Since Track or Lock: 0.0  
 2014-06-09 03:26:27.340 Vco Control: 2201  
 2014-06-09 03:26:27.340 timing mode: external seascan  
 2014-06-09 03:26:27.340 tempco normal  
 2014-06-09 03:26:27.340 PLL update: 10s PLL lock criterion: 5us  
 2014-06-09 03:26:27.340 Pfrac: 150.00  
 2014-06-09 03:26:27.340 VCO slope: -0.0175000  
 2014-06-09 03:26:27.340 VCO intercept: 7.1100001  
 2014-06-09 03:26:27.340 Km delta: 600.000000  
 2014-06-09 03:26:27.340 Logical Port 4 Status  
 2014-06-09 03:26:27.340 Data Packets Sent: 6367495  
 2014-06-09 03:26:27.340 Flood Packets Sent: 0  
 2014-06-09 03:26:27.340 Packets Re-Sent: 9040  
 2014-06-09 03:26:27.340 Sequence Errors: 0  
 2014-06-09 03:26:27.340 Packet Buffer Used: 21236196  
 2014-06-09 03:26:27.340 Baler Model: 14 Software Version: 2.28  
 2014-06-09 03:26:27.340 MAC Address: 00:04:FB:00:02:EA  
 2014-06-09 03:26:27.340 Disk Size: 20000669696  
 2014-06-09 03:26:27.340 Percent of 1177 data files in use: 13.4  
 2014-06-09 03:26:27.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-09 03:26:27.340 Channel sensitivities (uV per count):  
 2014-06-09 03:26:27.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-09 03:26:27.340 Digitizer Calibration Results:  
 2014-06-09 03:26:27.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-09 03:26:27.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2014-06-09 03:26:27.340 DMU1 Software Version=10  
 2014-06-09 03:26:27.340 Supply Voltage=12.7  
 2014-06-09 03:26:27.340 Supply Current=0.41  
 2014-06-09 03:26:27.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-09 03:26:27.340 WebLink Data Maps Restored  
 2014-06-09 03:26:27.340 [2014-06-08 15:25:27.999998] sequence resumes: 5491237 to 5491237  
 2014-06-09 03:26:27.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-09 03:26:26  
 2014-06-09 03:30:08.250 [2014-06-09 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-06-09 03:31:48.550 Reducing Status Polling Interval  
 2014-06-09 03:31:48.550 [2014-06-09 03:31:47.999998] total packets received: 43875  
 2014-06-09 03:31:48.550 [2014-06-09 03:31:47.999998] command timeouts: 6  
 2014-06-09 03:31:48.550 [2014-06-09 03:31:47.999998] out of window: 57  
 2014-06-09 03:31:48.550 written: HHZ-1116 HH1-1295 HH2-1322 BDH-413 VEP-1 VEC-1 VEA-1 VKI-1 VCO-1  
 2014-06-09 03:31:48.550 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24 VMZ-1 VM1-1  
 2014-06-09 03:31:48.550 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-09 03:31:48.550 [2014-06-09 03:31:47.999998] Done: 4281 recs. seq end: 5534817. run: 316 s  
 2014-06-09 15:32:37.320  
 2014-06-09 15:32:37.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-09 15:32:37.320 Control Port 2491 Opened  
 2014-06-09 15:32:37.320 Baler ready on Ethernet  
 2014-06-09 15:32:37.320 Power Cycled Baler Acknowledged  
 2014-06-09 15:32:37.320 Commands Accepted by Q330  
 2014-06-09 15:32:37.320 Access timeout: 300 sec  
 2014-06-09 15:32:37.320 Control Port 4023 Opened  
 2014-06-09 15:32:37.320 Data Port 4024 Opened  
 2014-06-09 15:32:37.320 Registered with Q330  
 2014-06-09 15:32:37.320 Combination Record Received  
 2014-06-09 15:32:37.320 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-09 15:32:37.320 Link Reset, starting window sequence: 53626  
 2014-06-09 15:32:37.320 GPS Receiver ID Received  
 2014-06-09 15:32:37.320 Manufacturer's Data Received, Property Tag=2017  
 2014-06-09 15:32:37.320 Digitizer Gain & Offsets Received  
 2014-06-09 15:32:37.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4281 recs. seq end: 5534817  
 2014-06-09 15:32:37.320 Baler clock set to 2014-06-09 15:32:36  
 2014-06-09 15:32:37.320 Starting to Read DP Tokens  
 2014-06-09 15:32:37.320 DP Tokens loaded, size=1474 bytes  
 2014-06-09 15:32:37.320 webserver advertising 192.168.200.119:5380  
 2014-06-09 15:32:37.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-09 15:32:37.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-09 15:32:37.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-09 15:32:37.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-09 15:32:37.320 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-09 15:32:37.320 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-09 15:32:37.320 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-09 15:32:37.320 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-09 15:32:37.320 [2014-06-09 03:31:47.999998] continuity found: 5534817 455599908.000000 Q=100  
 2014-06-09 15:32:37.320 [2014-06-09 03:31:47.999998] restoring continuity  
 2014-06-09 15:32:37.320 Sending DT\_OPEN  
 2014-06-09 15:32:37.320 Station: XX-2017  
 2014-06-09 15:32:37.320 Q330 Serial Number: 0100000DB18FC351  
 2014-06-09 15:32:37.320 AMB Serial Number: 0100000B6909DD82  
 2014-06-09 15:32:37.320 Seismo 1 Serial Number: 0000000000000000  
 2014-06-09 15:32:37.320 Seismo 2 Serial Number: 0000000000000000  
 2014-06-09 15:32:37.320 QAPCHP 1 Serial Number: 4643206  
 2014-06-09 15:32:37.320 QAPCHP 2 Serial Number: 3743050

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2014-06-09 15:32:37.320 KMI Property Tag Number: 2017  
 2014-06-09 15:32:37.320 System Software Version: 1.146  
 2014-06-09 15:32:37.320 Slave Processor Version: 1.11  
 2014-06-09 15:32:37.320 Calibrator Type: QCAL330  
 2014-06-09 15:32:37.320 Calibrator Version: 1.8  
 2014-06-09 15:32:37.320 Auxiliary Board Type: None  
 2014-06-09 15:32:37.320 Clock Type: Motorola M12  
 2014-06-09 15:32:37.320 PLD Version: 7.9  
 2014-06-09 15:32:37.320 Total Hours: 66691.99  
 2014-06-09 15:32:37.320 Power On Hours: 31322.38  
 2014-06-09 15:32:37.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-09 15:32:37.320 Total Number of Boots: 120  
 2014-06-09 15:32:37.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-09 15:32:37.320 Total Number of Re-Syncs: 213  
 2014-06-09 15:32:37.320 Status Inputs: 00000000  
 2014-06-09 15:32:37.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-06-09 15:32:37.320 Clock Quality: 100%  
 2014-06-09 15:32:37.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-09 15:32:37.320 Clock Phase: -2 usec. max allowed=50000  
 2014-06-09 15:32:37.320 Boom positions:  
 2014-06-09 15:32:37.320 ch1: -2 ch2: -12 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2014-06-09 15:32:37.320 Analog Status  
 2014-06-09 15:32:37.320 Analog Positive Supply: 5.46V  
 2014-06-09 15:32:37.320 Input Voltage: 13.20V  
 2014-06-09 15:32:37.320 System Temperature: 5C  
 2014-06-09 15:32:37.320 Main Current: 62ma  
 2014-06-09 15:32:37.320 Antenna Current: 0ma  
 2014-06-09 15:32:37.320 GPS Status  
 2014-06-09 15:32:37.320 Time: 15:32:37  
 2014-06-09 15:32:37.320 Date:  
 2014-06-09 15:32:37.320 Fix Type: 1-D  
 2014-06-09 15:32:37.320 Height:  
 2014-06-09 15:32:37.320 Latitude:  
 2014-06-09 15:32:37.320 Longitude:  
 2014-06-09 15:32:37.320 On Time: 0min  
 2014-06-09 15:32:37.320 Sat. Used: 0  
 2014-06-09 15:32:37.320 In View: 0  
 2014-06-09 15:32:37.320 Checksum Errors: 0  
 2014-06-09 15:32:37.320 Last GPS timemark: 2014-06-09 15:32:36  
 2014-06-09 15:32:37.320 PLL Status  
 2014-06-09 15:32:37.320 State: Lock  
 2014-06-09 15:32:37.320 Initial VCO: 2200.645020  
 2014-06-09 15:32:37.320 Time Error: 0.000000  
 2014-06-09 15:32:37.320 RMS VCO: 0.000000  
 2014-06-09 15:32:37.320 Best VCO: 2200.66  
 2014-06-09 15:32:37.320 Seconds Since Track or Lock: 0.0  
 2014-06-09 15:32:37.320 Vco Control: 2201  
 2014-06-09 15:32:37.320 timing mode: external seascan  
 2014-06-09 15:32:37.320 tempco normal  
 2014-06-09 15:32:37.320 PLL update: 10s PLL lock criterion: 5us  
 2014-06-09 15:32:37.320 Pfrac: 150.00  
 2014-06-09 15:32:37.320 VCO slope: -0.0175000  
 2014-06-09 15:32:37.320 VCO intercept: 7.1100001  
 2014-06-09 15:32:37.320 Km delta: 600.0000000  
 2014-06-09 15:32:37.320 Logical Port 4 Status  
 2014-06-09 15:32:37.320 Data Packets Sent: 6411283  
 2014-06-09 15:32:37.320 Flood Packets Sent: 0  
 2014-06-09 15:32:37.320 Packets Re-Sent: 9111  
 2014-06-09 15:32:37.320 Sequence Errors: 0  
 2014-06-09 15:32:37.320 Packet Buffer Used: 20864044  
 2014-06-09 15:32:37.320 Physical Port: Ethernet  
 2014-06-09 15:32:37.320 Baler Model: 14 Software Version: 2.28  
 2014-06-09 15:32:37.320 MAC Address: 00:04:FB:00:02:EA

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2014-06-09 15:32:37.320 Disk Size: 20000669696
2014-06-09 15:32:37.320 Percent of 1177 data files in use: 13.5
2014-06-09 15:32:37.320 Channels Enabled: 1234 Preamps ON channels:
2014-06-09 15:32:37.320 Channel Sensitivities (uV per count):
2014-06-09 15:32:37.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-09 15:32:37.320 Digitizer Calibration Results:
2014-06-09 15:32:37.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-09 15:32:37.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-09 15:32:37.320 DMU1 Software Version=10
2014-06-09 15:32:37.320 Supply Voltage=12.8
2014-06-09 15:32:37.320 Supply Current=0.41
2014-06-09 15:32:37.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-09 15:32:37.320 WebLink Data Maps Restored
2014-06-09 15:32:37.320 [2014-06-09 03:31:47.999998] sequence resumes: 5534817 to
5534817
2014-06-09 15:32:37.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-09 15:32:36
2014-06-09 15:37:46.000 Reducing Status Polling Interval
2014-06-09 15:37:46.000 [2014-06-09 15:37:46.000000] total packets received: 44561
2014-06-09 15:37:46.000 [2014-06-09 15:37:46.000000] command timeouts: 6
2014-06-09 15:37:46.000 [2014-06-09 15:37:46.000000] out of window: 48
2014-06-09 15:37:46.000 written: HHZ-1104 HH1-1267 HH2-1284 BDH-404 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-09 15:37:46.000 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-09 15:37:46.000 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-09 15:37:46.000 [2014-06-09 15:37:46.000000] Done: 4195 recs. seq end:
5578375. run: 305 s
2014-06-10 03:38:39.330
2014-06-10 03:38:39.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-10 03:38:39.330 Control Port 2491 Opened
2014-06-10 03:38:39.330 Baler ready on Ethernet
2014-06-10 03:38:39.330 Power Cycled Baler Acknowledged
2014-06-10 03:38:39.330 Commands Accepted by Q330
2014-06-10 03:38:39.330 Access timeout: 300 sec
2014-06-10 03:38:39.330 Control Port 4023 Opened
2014-06-10 03:38:39.330 Data Port 4024 Opened
2014-06-10 03:38:39.330 Registered with Q330
2014-06-10 03:38:39.330 Combination Record Received
2014-06-10 03:38:39.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-10 03:38:39.330 Link Reset, starting window sequence: 32569
2014-06-10 03:38:39.330 GPS Receiver ID Received
2014-06-10 03:38:39.330 Manufacturer's Data Received, Property Tag=2017
2014-06-10 03:38:39.330 Digitizer Gain & Offsets Received
2014-06-10 03:38:39.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4195 recs.
seq end: 5578375
2014-06-10 03:38:39.330 Baler clock set to 2014-06-10 03:38:38
2014-06-10 03:38:39.330 Starting to Read DP Tokens
2014-06-10 03:38:39.330 DP Tokens loaded, size=1474 bytes
2014-06-10 03:38:39.330 Webserver advertising 192.168.200.119:5380
2014-06-10 03:38:39.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-10 03:38:39.330 filters & delay HH1:2@100,Linear all=0.320000
2014-06-10 03:38:39.330 filters & delay HH2:3@100,Linear all=0.320000
2014-06-10 03:38:39.330 filters & delay BDH:4@20,Linear all=1.650000
2014-06-10 03:38:39.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-10 03:38:39.330 filters & delay LH1:2@1,Linear all=15.000000
2014-06-10 03:38:39.330 filters & delay LH2:3@1,Linear all=15.000000
2014-06-10 03:38:39.330 filters & delay LDH:4@1,Linear all=15.000000
2014-06-10 03:38:39.330 [2014-06-09 15:37:46.000000] continuity found: 5578375
455643466.000000 Q=100
2014-06-10 03:38:39.330 [2014-06-09 15:37:46.000000] restoring continuity
2014-06-10 03:38:39.330 Sending DT_OPEN
2014-06-10 03:38:39.330 Station: XX-2017

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S01\_messages.txt

2014-06-10 03:38:39.330 Q330 Serial Number: 0100000DB18FC351  
 2014-06-10 03:38:39.330 AMB Serial Number: 0100000B6909DD82  
 2014-06-10 03:38:39.330 Seismo 1 Serial Number: 0000000000000000  
 2014-06-10 03:38:39.330 Seismo 2 Serial Number: 0000000000000000  
 2014-06-10 03:38:39.330 QAPCHP 1 Serial Number: 4643206  
 2014-06-10 03:38:39.330 QAPCHP 2 Serial Number: 3743050  
 2014-06-10 03:38:39.330 KMI Property Tag Number: 2017  
 2014-06-10 03:38:39.330 System Software Version: 1.146  
 2014-06-10 03:38:39.330 Slave Processor Version: 1.11  
 2014-06-10 03:38:39.330 Calibrator Type: QCAL330  
 2014-06-10 03:38:39.330 Calibrator Version: 1.8  
 2014-06-10 03:38:39.330 Clock Type: Motorola M12  
 2014-06-10 03:38:39.330 PLD Version: 7.9  
 2014-06-10 03:38:39.330 Total Hours: 66704.09  
 2014-06-10 03:38:39.330 Power On Hours: 31334.48  
 2014-06-10 03:38:39.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-10 03:38:39.330 Total Number of Boots: 120  
 2014-06-10 03:38:39.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-10 03:38:39.330 Total Number of Re-Syncs: 213  
 2014-06-10 03:38:39.330 Status Inputs: 00000000  
 2014-06-10 03:38:39.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-10 03:38:39.330 Clock Quality: 100%  
 2014-06-10 03:38:39.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-10 03:38:39.330 Clock Phase: 1 usec. max allowed=50000  
 2014-06-10 03:38:39.330 Boom positions:  
 2014-06-10 03:38:39.330 Ch1: -2 ch2: -12 ch3: -1 ch4: 20 ch5: 20 ch6: 20  
 2014-06-10 03:38:39.330 Analog Status  
 2014-06-10 03:38:39.330 Analog Positive Supply: 5.46V  
 2014-06-10 03:38:39.330 Input Voltage: 13.35V  
 2014-06-10 03:38:39.330 System Temperature: 5C  
 2014-06-10 03:38:39.330 Main Current: 62ma  
 2014-06-10 03:38:39.330 Antenna Current: 0ma  
 2014-06-10 03:38:39.330 GPS Status  
 2014-06-10 03:38:39.330 Time: 03:38:38  
 2014-06-10 03:38:39.330 Date:  
 2014-06-10 03:38:39.330 Fix Type: 1-D  
 2014-06-10 03:38:39.330 Height:  
 2014-06-10 03:38:39.330 Latitude:  
 2014-06-10 03:38:39.330 Longitude:  
 2014-06-10 03:38:39.330 On Time: 0min  
 2014-06-10 03:38:39.330 Sat. Used: 0  
 2014-06-10 03:38:39.330 In View: 0  
 2014-06-10 03:38:39.330 Checksum Errors: 0  
 2014-06-10 03:38:39.330 Last GPS timemark: 2014-06-10 03:38:37  
 2014-06-10 03:38:39.330 PLL Status  
 2014-06-10 03:38:39.330 State: Lock  
 2014-06-10 03:38:39.330 Initial VCO: 2201.102539  
 2014-06-10 03:38:39.330 Time Error: 0.000000  
 2014-06-10 03:38:39.330 RMS VCO: 0.000000  
 2014-06-10 03:38:39.330 Best VCO: 2201.18  
 2014-06-10 03:38:39.330 Seconds Since Track or Lock: 0.0  
 2014-06-10 03:38:39.330 Vco Control: 2201  
 2014-06-10 03:38:39.330 timing mode: external seascan  
 2014-06-10 03:38:39.330 tempco normal  
 2014-06-10 03:38:39.330 PLL update: 10s PLL lock criterion: 5us  
 2014-06-10 03:38:39.330 Pfrac: 150.00  
 2014-06-10 03:38:39.330 VCO slope: -0.0175000  
 2014-06-10 03:38:39.330 VCO intercept: 7.1100001  
 2014-06-10 03:38:39.330 km delta: 600.000000  
 2014-06-10 03:38:39.330 Logical Port 4 Status  
 2014-06-10 03:38:39.330 Data Packets Sent: 6455767  
 2014-06-10 03:38:39.330 Flood Packets Sent: 0  
 2014-06-10 03:38:39.330 Packets Re-Sent: 9175

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2014-06-10 03:38:39.330 Sequence Errors: 0
2014-06-10 03:38:39.330 Packet Buffer Used: 21367912
2014-06-10 03:38:39.330 Physical Port: Ethernet
2014-06-10 03:38:39.330 Baler Model: 14   Software Version: 2.28
2014-06-10 03:38:39.330 MAC Address: 00:04:FB:00:02:EA
2014-06-10 03:38:39.330 Disk Size: 20000669696
2014-06-10 03:38:39.330 Percent of 1177 data files in use: 13.7
2014-06-10 03:38:39.330 Channels Enabled: 1234   Preamps ON channels:
2014-06-10 03:38:39.330 Channel Sensitivities (uV per count):
2014-06-10 03:38:39.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-10 03:38:39.330 Digitizer Calibration Results:
2014-06-10 03:38:39.330 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-06-10 03:38:39.330 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-06-10 03:38:39.330 DMU1 Software Version=10
2014-06-10 03:38:39.330 Supply Voltage=12.8
2014-06-10 03:38:39.330 Supply Current=0.41
2014-06-10 03:38:39.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-10 03:38:39.330 WebLink Data Maps Restored
2014-06-10 03:38:39.330 [2014-06-09 15:37:46.000000] sequence resumes: 5578375 to
5578375
2014-06-10 03:38:39.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-10 03:38:38
2014-06-10 03:42:15.080 [2014-06-10 00:00:00.000000] Saving Configuration to Backup
Memory
2014-06-10 03:43:47.800 [2014-06-10 03:42:13.000000] total packets received: 44067
2014-06-10 03:43:47.800 [2014-06-10 03:42:13.000000] command timeouts: 6
2014-06-10 03:43:47.800 [2014-06-10 03:42:13.000000] out of window: 49
2014-06-10 03:43:47.800 written: HHZ-1104 HH1-1317 HH2-1340 BDH-414 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-10 03:43:47.800 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-10 03:43:47.800 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-10 03:43:47.800 [2014-06-10 03:42:13.000000] Done: 4317 recs. seq end:
5621842. run: 305 s
2014-06-10 15:44:43.320
2014-06-10 15:44:43.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-10 15:44:43.320 Control Port 2491 Opened
2014-06-10 15:44:43.320 Baler ready on Ethernet
2014-06-10 15:44:43.320 Power Cycled Baler Acknowledged
2014-06-10 15:44:43.320 Commands Accepted by Q330
2014-06-10 15:44:43.320 Access timeout: 300 sec
2014-06-10 15:44:43.320 Control Port 4023 Opened
2014-06-10 15:44:43.320 Data Port 4024 Opened
2014-06-10 15:44:43.320 Registered with Q330
2014-06-10 15:44:43.320 Combination Record Received
2014-06-10 15:44:43.320 Window=4   Min. Timeout=10   Max. Timeout=30
2014-06-10 15:44:43.320 Link Reset, starting window sequence: 11017
2014-06-10 15:44:43.320 GPS Receiver ID Received
2014-06-10 15:44:43.320 Manufacturer's Data Received, Property Tag=2017
2014-06-10 15:44:43.320 Digitizer Gain & Offsets Received
2014-06-10 15:44:43.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4317 recs.
seq end: 5621842
2014-06-10 15:44:43.320 Baler clock set to 2014-06-10 15:44:42
2014-06-10 15:44:43.320 Starting to Read DP Tokens
2014-06-10 15:44:43.320 DP Tokens loaded, size=1474 bytes
2014-06-10 15:44:43.320 Webserver advertising 192.168.200.119:5380
2014-06-10 15:44:43.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-10 15:44:43.320 filters & delay HH1:2@100,Linear all=0.320000
2014-06-10 15:44:43.320 filters & delay HH2:3@100,Linear all=0.320000
2014-06-10 15:44:43.320 filters & delay BDH:4@20,Linear all=1.650000
2014-06-10 15:44:43.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-10 15:44:43.320 filters & delay LH1:2@1,Linear all=15.000000
2014-06-10 15:44:43.320 filters & delay LH2:3@1,Linear all=15.000000

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2014-06-10 15:44:43.320 filters & delay LDH:4@1,Linear all=15.000000
2014-06-10 15:44:43.320 [2014-06-10 03:42:13.000000] continuity found: 5621842
455686933.000000 q=100
2014-06-10 15:44:43.320 [2014-06-10 03:42:13.000000] restoring continuity
2014-06-10 15:44:43.320 Sending DT_OPEN
2014-06-10 15:44:43.320 Station: XX-2017
2014-06-10 15:44:43.320 Q330 Serial Number: 0100000DB18FC351
2014-06-10 15:44:43.320 AMB Serial Number: 0100000B6909DD82
2014-06-10 15:44:43.320 Seismo 1 Serial Number: 0000000000000000
2014-06-10 15:44:43.320 Seismo 2 Serial Number: 0000000000000000
2014-06-10 15:44:43.320 QAPCHP 1 Serial Number: 4643206
2014-06-10 15:44:43.320 QAPCHP 2 Serial Number: 3743050
2014-06-10 15:44:43.320 KMI Property Tag Number: 2017
2014-06-10 15:44:43.320 System Software Version: 1.146
2014-06-10 15:44:43.320 Slave Processor Version: 1.11
2014-06-10 15:44:43.320 Calibrator Type: QCAL330
2014-06-10 15:44:43.320 Calibrator Version: 1.8
2014-06-10 15:44:43.320 Auxiliary Board Type: None
2014-06-10 15:44:43.320 Clock Type: Motorola M12
2014-06-10 15:44:43.320 PLD Version: 7.9
2014-06-10 15:44:43.320 Total Hours: 66716.19
2014-06-10 15:44:43.320 Power On Hours: 31346.58
2014-06-10 15:44:43.320 Time of Last Boot: 2014-04-06 02:03:58
2014-06-10 15:44:43.320 Total Number of Boots: 120
2014-06-10 15:44:43.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-10 15:44:43.320 Total Number of Re-Syncs: 213
2014-06-10 15:44:43.320 Status Inputs: 00000000
2014-06-10 15:44:43.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-06-10 15:44:43.320 Clock Quality: 100%
2014-06-10 15:44:43.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-10 15:44:43.320 Clock Phase: 0 usec. max allowed=50000
2014-06-10 15:44:43.320 Boom positions:
2014-06-10 15:44:43.320 ch1: -2 ch2: -12 ch3: -2 ch4: 20 ch5: 20 ch6: 20
2014-06-10 15:44:43.320 Analog Status
2014-06-10 15:44:43.320 Analog Positive Supply: 5.46v
2014-06-10 15:44:43.320 Input Voltage: 13.35V
2014-06-10 15:44:43.320 System Temperature: 5C
2014-06-10 15:44:43.320 Main Current: 61ma
2014-06-10 15:44:43.320 Antenna Current: 0ma
2014-06-10 15:44:43.320 GPS Status
2014-06-10 15:44:43.320 Time: 15:44:42
2014-06-10 15:44:43.320 Date:
2014-06-10 15:44:43.320 Fix Type: 1-D
2014-06-10 15:44:43.320 Height:
2014-06-10 15:44:43.320 Latitude:
2014-06-10 15:44:43.320 Longitude:
2014-06-10 15:44:43.320 On Time: 0min
2014-06-10 15:44:43.320 Sat. Used: 0
2014-06-10 15:44:43.320 In View: 0
2014-06-10 15:44:43.320 Checksum Errors: 0
2014-06-10 15:44:43.320 Last GPS timemark: 2014-06-10 15:44:41
2014-06-10 15:44:43.320 PLL Status
2014-06-10 15:44:43.320 State: Lock
2014-06-10 15:44:43.320 Initial VCO: 2201.304688
2014-06-10 15:44:43.320 Time Error: 0.000000
2014-06-10 15:44:43.320 RMS VCO: 0.0000000
2014-06-10 15:44:43.320 Best VCO: 2201.29
2014-06-10 15:44:43.320 Seconds Since Track or Lock: 0.0
2014-06-10 15:44:43.320 Vco Control: 2201
2014-06-10 15:44:43.320 timing mode: external seascan
2014-06-10 15:44:43.320 tempco normal
2014-06-10 15:44:43.320 PLL update: 10s PLL lock criterion: 5us
2014-06-10 15:44:43.320 Pfrac: 150.00

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2014-06-10 15:44:43.320 VCO slope: -0.0175000
2014-06-10 15:44:43.320 VCO intercept: 7.1100001
2014-06-10 15:44:43.320 Km delta: 600.0000000
2014-06-10 15:44:43.320 Logical Port 4 Status
2014-06-10 15:44:43.320 Data Packets Sent: 6499756
2014-06-10 15:44:43.320 Flood Packets Sent: 0
2014-06-10 15:44:43.320 Packets Re-Sent: 9246
2014-06-10 15:44:43.320 Sequence Errors: 0
2014-06-10 15:44:43.320 Packet Buffer Used: 20374924
2014-06-10 15:44:43.320 Physical Port: Ethernet
2014-06-10 15:44:43.320 Baler Model: 14 Software Version: 2.28
2014-06-10 15:44:43.320 MAC Address: 00:04:FB:00:02:EA
2014-06-10 15:44:43.320 Disk Size: 20000669696
2014-06-10 15:44:43.320 Percent of 1177 data files in use: 13.8
2014-06-10 15:44:43.320 Channels Enabled: 1234 Preamps ON channels:
2014-06-10 15:44:43.320 Channel sensitivities (uV per count):
2014-06-10 15:44:43.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-10 15:44:43.320 Digitizer Calibration Results:
2014-06-10 15:44:43.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-10 15:44:43.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-10 15:44:43.320 DMU1 Software Version=10
2014-06-10 15:44:43.320 Supply Voltage=12.7
2014-06-10 15:44:43.320 Supply Current=0.40
2014-06-10 15:44:43.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-10 15:44:43.320 webLink Data Maps Restored
2014-06-10 15:44:43.320 [2014-06-10 03:42:13.000000] sequence resumes: 5621842 to
5621842
2014-06-10 15:44:43.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-06-10 15:44:42
2014-06-10 15:49:52.880 [2014-06-10 15:47:31.000000] total packets received: 43664
2014-06-10 15:49:52.880 [2014-06-10 15:47:31.000000] command timeouts: 6
2014-06-10 15:49:52.880 [2014-06-10 15:47:31.000000] out of window: 52
2014-06-10 15:49:52.880 written: HHZ-1045 HH1-1218 HH2-1236 BDH-418 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-06-10 15:49:52.880 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-20 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-06-10 15:49:52.880 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-10 15:49:52.880 [2014-06-10 15:47:31.000000] Done: 4045 recs. seq end:
5665360. run: 305 s
2014-06-11 03:50:46.330
2014-06-11 03:50:46.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-11 03:50:46.330 Baler ready on Ethernet
2014-06-11 03:50:46.330 Power Cycled Baler Acknowledged
2014-06-11 03:50:46.330 Commands Accepted by Q330
2014-06-11 03:50:46.330 Access timeout: 300 sec
2014-06-11 03:50:46.330 Control Port 4023 Opened
2014-06-11 03:50:46.330 Data Port 4024 Opened
2014-06-11 03:50:46.330 Registered with Q330
2014-06-11 03:50:46.330 Combination Record Received
2014-06-11 03:50:46.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-11 03:50:46.330 Link Reset, starting window sequence: 54595
2014-06-11 03:50:46.330 GPS Receiver ID Received
2014-06-11 03:50:46.330 Manufacturer's Data Received, Property Tag=2017
2014-06-11 03:50:46.330 Digitizer Gain & Offsets Received
2014-06-11 03:50:46.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4045 recs.
seq end: 5665360
2014-06-11 03:50:46.330 Baler clock set to 2014-06-11 03:50:45
2014-06-11 03:50:46.330 Starting to Read DP Tokens
2014-06-11 03:50:46.330 DP Tokens loaded, size=1474 bytes
2014-06-11 03:50:46.330 webserver advertising 192.168.200.119:5380
2014-06-11 03:50:46.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-11 03:50:46.330 filters & delay HH1:2@100,Linear all=0.320000
2014-06-11 03:50:46.330 filters & delay HH2:3@100,Linear all=0.320000

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2014-06-11 03:50:46.330 filters & delay BDH:4@20,Linear all=1.650000
2014-06-11 03:50:46.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-11 03:50:46.330 filters & delay LH1:2@1,Linear all=15.000000
2014-06-11 03:50:46.330 filters & delay LH2:3@1,Linear all=15.000000
2014-06-11 03:50:46.330 filters & delay LDH:4@1,Linear all=15.000000
2014-06-11 03:50:46.330 [2014-06-10 15:47:31.000000] continuity found: 5665360
455730451.000000 Q=100
2014-06-11 03:50:46.330 [2014-06-10 15:47:31.000000] restoring continuity
2014-06-11 03:50:46.330 Sending DT_OPEN
2014-06-11 03:50:46.330 Station: XX-2017
2014-06-11 03:50:46.330 Q330 Serial Number: 0100000DB18FC351
2014-06-11 03:50:46.330 AMB Serial Number: 0100000B6909DD82
2014-06-11 03:50:46.330 Seismo 1 Serial Number: 0000000000000000
2014-06-11 03:50:46.330 Seismo 2 Serial Number: 0000000000000000
2014-06-11 03:50:46.330 QAPCHP 1 Serial Number: 4643206
2014-06-11 03:50:46.330 QAPCHP 2 Serial Number: 3743050
2014-06-11 03:50:46.330 KMI Property Tag Number: 2017
2014-06-11 03:50:46.330 System Software Version: 1.146
2014-06-11 03:50:46.330 Slave Processor Version: 1.11
2014-06-11 03:50:46.330 Calibrator Type: QCAL330
2014-06-11 03:50:46.330 Calibrator Version: 1.8
2014-06-11 03:50:46.330 Auxiliary Board Type: None
2014-06-11 03:50:46.330 Clock Type: Motorola M12
2014-06-11 03:50:46.330 PLD Version: 7.9
2014-06-11 03:50:46.330 Total Hours: 66728.29
2014-06-11 03:50:46.330 Power On Hours: 31358.68
2014-06-11 03:50:46.330 Time of Last Boot: 2014-04-06 02:03:58
2014-06-11 03:50:46.330 Total Number of Boots: 120
2014-06-11 03:50:46.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-11 03:50:46.330 Total Number of Re-Syncs: 213
2014-06-11 03:50:46.330 Status Inputs: 00000000
2014-06-11 03:50:46.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-11 03:50:46.330 Clock Quality: 100%
2014-06-11 03:50:46.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-11 03:50:46.330 Clock Phase: 0 usec. max allowed=50000
2014-06-11 03:50:46.330 Boom positions:
2014-06-11 03:50:46.330 ch1: -2 ch2: -13 ch3: -1 ch4: 20 ch5: 20 ch6: 20
2014-06-11 03:50:46.330 Analog Status
2014-06-11 03:50:46.330 Analog Positive Supply: 5.46V
2014-06-11 03:50:46.330 Input Voltage: 13.20V
2014-06-11 03:50:46.330 System Temperature: 5C
2014-06-11 03:50:46.330 Main Current: 62ma
2014-06-11 03:50:46.330 Antenna Current: 0ma
2014-06-11 03:50:46.330 GPS Status
2014-06-11 03:50:46.330 Time: 03:50:45
2014-06-11 03:50:46.330 Date:
2014-06-11 03:50:46.330 Fix Type: 1-D
2014-06-11 03:50:46.330 Height:
2014-06-11 03:50:46.330 Latitude:
2014-06-11 03:50:46.330 Longitude:
2014-06-11 03:50:46.330 On Time: 0min
2014-06-11 03:50:46.330 Sat. Used: 0
2014-06-11 03:50:46.330 In View: 0
2014-06-11 03:50:46.330 Checksum Errors: 0
2014-06-11 03:50:46.330 Last GPS timemark: 2014-06-11 03:50:44
2014-06-11 03:50:46.330 PLL Status
2014-06-11 03:50:46.330 State: Lock
2014-06-11 03:50:46.330 Initial VCO: 2201.469971
2014-06-11 03:50:46.330 Time Error: 0.000000
2014-06-11 03:50:46.330 RMS VCO: 0.0000000
2014-06-11 03:50:46.330 Best VCO: 2201.37
2014-06-11 03:50:46.330 Seconds Since Track or Lock: 0.0
2014-06-11 03:50:46.330 vco control: 2201

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2014-06-11 03:50:46.330 timing mode: external seascan  
 2014-06-11 03:50:46.330 tempco normal  
 2014-06-11 03:50:46.330 PLL update: 10s PLL lock criterion: 5us  
 2014-06-11 03:50:46.330 Pfrac: 150.00  
 2014-06-11 03:50:46.330 VCO slope: -0.0175000  
 2014-06-11 03:50:46.330 VCO intercept: 7.1100001  
 2014-06-11 03:50:46.330 km delta: 600.0000000  
 2014-06-11 03:50:46.330 Logical Port 4 Status  
 2014-06-11 03:50:46.330 Data Packets Sent: 6543339  
 2014-06-11 03:50:46.330 Flood Packets Sent: 0  
 2014-06-11 03:50:46.330 Packets Re-Sent: 9310  
 2014-06-11 03:50:46.330 Sequence Errors: 0  
 2014-06-11 03:50:46.330 Packet Buffer Used: 21671020  
 2014-06-11 03:50:46.330 Physical Port: Ethernet  
 2014-06-11 03:50:46.330 Baler Model: 14 Software Version: 2.28  
 2014-06-11 03:50:46.330 MAC Address: 00:04:FB:00:02:EA  
 2014-06-11 03:50:46.330 Disk Size: 20000669696  
 2014-06-11 03:50:46.330 Percent of 1177 data files in use: 13.8  
 2014-06-11 03:50:46.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-11 03:50:46.330 Channel Sensitivities (uV per count):  
 2014-06-11 03:50:46.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-11 03:50:46.330 Digitizer Calibration Results:  
 2014-06-11 03:50:46.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-11 03:50:46.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-11 03:50:46.330 DMU1 Software Version=10  
 2014-06-11 03:50:46.330 Supply Voltage=12.7  
 2014-06-11 03:50:46.330 Supply Current=0.40  
 2014-06-11 03:50:46.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-11 03:50:46.330 webLink Data Maps Restored  
 2014-06-11 03:50:46.330 [2014-06-10 15:47:31.000000] sequence resumes: 5665360 to  
 5665360  
 2014-06-11 03:50:46.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-11 03:50:45  
 2014-06-11 03:54:22.730 [2014-06-11 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-06-11 03:56:11.380 Reducing Status Polling Interval  
 2014-06-11 03:56:11.380 [2014-06-11 03:56:10.000000] total packets received: 45577  
 2014-06-11 03:56:11.380 [2014-06-11 03:56:10.000000] command timeouts: 6  
 2014-06-11 03:56:11.380 [2014-06-11 03:56:10.000000] out of window: 61  
 2014-06-11 03:56:11.380 written: HHZ-1146 HH1-1313 HH2-1356 BDH-425 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-06-11 03:56:11.380 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-06-11 03:56:11.380 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-11 03:56:11.380 [2014-06-11 03:56:10.000000] Done: 4381 recs. seq end:  
 5709079. run: 320 s  
 2014-06-11 15:57:05.370  
 2014-06-11 15:57:05.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-11 15:57:05.370 Control Port 2491 Opened  
 2014-06-11 15:57:05.370 Baler ready on Ethernet  
 2014-06-11 15:57:05.370 Power Cycled Baler Acknowledged  
 2014-06-11 15:57:05.370 Commands Accepted by Q330  
 2014-06-11 15:57:05.370 Access timeout: 300 sec  
 2014-06-11 15:57:05.370 Control Port 4023 Opened  
 2014-06-11 15:57:05.370 Data Port 4024 Opened  
 2014-06-11 15:57:05.370 Registered with Q330  
 2014-06-11 15:57:05.370 Combination Record Received  
 2014-06-11 15:57:05.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-11 15:57:05.370 Link Reset, starting window sequence: 34540  
 2014-06-11 15:57:05.370 GPS Receiver ID Received  
 2014-06-11 15:57:05.370 Manufacturer's Data Received, Property Tag=2017  
 2014-06-11 15:57:05.370 Digitizer Gain & Offsets Received  
 2014-06-11 15:57:05.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4381 recs.

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seq end: 5709079

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2014-06-11 15:57:05.370 Baler clock set to 2014-06-11 15:57:04
2014-06-11 15:57:05.370 Starting to Read DP Tokens
2014-06-11 15:57:05.370 DP Tokens loaded, size=1474 bytes
2014-06-11 15:57:05.370 webserver advertising 192.168.200.119:5380
2014-06-11 15:57:05.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-11 15:57:05.370 filters & delay HH1:2@100,Linear all=0.320000
2014-06-11 15:57:05.370 filters & delay HH2:3@100,Linear all=0.320000
2014-06-11 15:57:05.370 filters & delay BDH:4@20,Linear all=1.650000
2014-06-11 15:57:05.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-11 15:57:05.370 filters & delay LH1:2@1,Linear all=15.000000
2014-06-11 15:57:05.370 filters & delay LH2:3@1,Linear all=15.000000
2014-06-11 15:57:05.370 filters & delay LDH:4@1,Linear all=15.000000
2014-06-11 15:57:05.370 [2014-06-11 03:56:10.000000] continuity found: 5709079
455774170.000000 Q=100
2014-06-11 15:57:05.370 [2014-06-11 03:56:10.000000] restoring continuity
2014-06-11 15:57:05.370 Sending DT_OPEN
2014-06-11 15:57:05.370 Station: XX-2017
2014-06-11 15:57:05.370 Q330 Serial Number: 0100000DB18FC351
2014-06-11 15:57:05.370 AMB Serial Number: 0100000B6909DD82
2014-06-11 15:57:05.370 Seismo 1 Serial Number: 0000000000000000
2014-06-11 15:57:05.370 Seismo 2 Serial Number: 0000000000000000
2014-06-11 15:57:05.370 QAPCHP 1 Serial Number: 4643206
2014-06-11 15:57:05.370 QAPCHP 2 Serial Number: 3743050
2014-06-11 15:57:05.370 KMI Property Tag Number: 2017
2014-06-11 15:57:05.370 System Software Version: 1.146
2014-06-11 15:57:05.370 Slave Processor Version: 1.11
2014-06-11 15:57:05.370 Calibrator Type: QCAL330
2014-06-11 15:57:05.370 Calibrator Version: 1.8
2014-06-11 15:57:05.370 Auxiliary Board Type: None
2014-06-11 15:57:05.370 Clock Type: Motorola M12
2014-06-11 15:57:05.370 PLD Version: 7.9
2014-06-11 15:57:05.370 Total Hours: 66740.40
2014-06-11 15:57:05.370 Power On Hours: 31370.78
2014-06-11 15:57:05.370 Time of Last Boot: 2014-04-06 02:03:58
2014-06-11 15:57:05.370 Total Number of Boots: 120
2014-06-11 15:57:05.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-11 15:57:05.370 Total Number of Re-Syncs: 213
2014-06-11 15:57:05.370 Status Inputs: 00000000
2014-06-11 15:57:05.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-11 15:57:05.370 Clock Quality: 100%
2014-06-11 15:57:05.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-11 15:57:05.370 Clock Phase: 0 usec. max allowed=50000
2014-06-11 15:57:05.370 Boom positions:
2014-06-11 15:57:05.370 Ch1: -2 Ch2: 8 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-11 15:57:05.370 Analog Status
2014-06-11 15:57:05.370 Analog Positive Supply: 5.46V
2014-06-11 15:57:05.370 Input Voltage: 13.20V
2014-06-11 15:57:05.370 System Temperature: 5C
2014-06-11 15:57:05.370 Main Current: 61ma
2014-06-11 15:57:05.370 Antenna Current: 0ma
2014-06-11 15:57:05.370 GPS Status
2014-06-11 15:57:05.370 Time: 15:57:04
2014-06-11 15:57:05.370 Date:
2014-06-11 15:57:05.370 Fix Type: 1-D
2014-06-11 15:57:05.370 Height:
2014-06-11 15:57:05.370 Latitude:
2014-06-11 15:57:05.370 Longitude:
2014-06-11 15:57:05.370 On Time: 0min
2014-06-11 15:57:05.370 Sat. Used: 0
2014-06-11 15:57:05.370 In View: 0
2014-06-11 15:57:05.370 Checksum Errors: 0
2014-06-11 15:57:05.370 Last GPS timemark: 2014-06-11 15:57:03

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2014-06-11 15:57:05.370 PLL Status
2014-06-11 15:57:05.370 State: Lock
2014-06-11 15:57:05.370 Initial VCO: 2202.014160
2014-06-11 15:57:05.370 Time Error: 0.000000
2014-06-11 15:57:05.370 RMS VCO: 0.0000000
2014-06-11 15:57:05.370 Best VCO: 2202.01
2014-06-11 15:57:05.370 Vco Control: 2202
2014-06-11 15:57:05.370 timing mode: external seascan
2014-06-11 15:57:05.370 tempco normal
2014-06-11 15:57:05.370 PLL update: 10s PLL lock criterion: 5us
2014-06-11 15:57:05.370 Pfrac: 150.00
2014-06-11 15:57:05.370 VCO slope: -0.0175000
2014-06-11 15:57:05.370 VCO intercept: 7.1100001
2014-06-11 15:57:05.370 Km delta: 600.0000000
2014-06-11 15:57:05.370 Logical Port 4 Status
2014-06-11 15:57:05.370 Data Packets Sent: 6588825
2014-06-11 15:57:05.370 Flood Packets Sent: 0
2014-06-11 15:57:05.370 Packets Re-Sent: 9387
2014-06-11 15:57:05.370 Sequence Errors: 0
2014-06-11 15:57:05.370 Packet Buffer Used: 21271572
2014-06-11 15:57:05.370 Physical Port: Ethernet
2014-06-11 15:57:05.370 Baler Model: 14 Software Version: 2.28
2014-06-11 15:57:05.370 MAC Address: 00:04:FB:00:02:EA
2014-06-11 15:57:05.370 Disk Size: 20000669696
2014-06-11 15:57:05.370 Percent of 1177 data files in use: 13.8
2014-06-11 15:57:05.370 Channels Enabled: 1234 Preamps ON channels:
2014-06-11 15:57:05.370 Channel Sensitivities (uV per count):
2014-06-11 15:57:05.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-11 15:57:05.370 Digitizer Calibration Results:
2014-06-11 15:57:05.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-11 15:57:05.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-11 15:57:05.370 DMU1 Software Version=10
2014-06-11 15:57:05.370 Supply Voltage=12.7
2014-06-11 15:57:05.370 Supply Current=0.40
2014-06-11 15:57:05.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-11 15:57:05.370 WebLink Data Maps Restored
2014-06-11 15:57:05.370 [2014-06-11 03:56:10.000000] sequence resumes: 5709079 to
5709079
2014-06-11 15:57:05.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-11 15:57:04
2014-06-11 16:02:14.160 [2014-06-11 16:02:12.999998] total packets received: 44298
2014-06-11 16:02:14.160 [2014-06-11 16:02:12.999998] command timeouts: 6
2014-06-11 16:02:14.160 [2014-06-11 16:02:12.999998] out of window: 48
2014-06-11 16:02:14.160 written: HHZ-1120 HH1-1273 HH2-1335 BDH-421 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-11 16:02:14.160 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-23 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-11 16:02:14.160 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-06-11 16:02:14.160 [2014-06-11 16:02:12.999998] Done: 4287 recs. seq end:
5752642. run: 305 s
2014-06-12 04:03:08.370
2014-06-12 04:03:08.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-12 04:03:08.370 Control Port 2491 Opened
2014-06-12 04:03:08.370 Baler ready on Ethernet
2014-06-12 04:03:08.370 Power Cycled Baler Acknowledged
2014-06-12 04:03:08.370 Commands Accepted by Q330
2014-06-12 04:03:08.370 Access timeout: 300 sec
2014-06-12 04:03:08.370 Control Port 4023 Opened
2014-06-12 04:03:08.370 Data Port 4024 Opened
2014-06-12 04:03:08.370 Registered with Q330
2014-06-12 04:03:08.370 Combination Record Received
2014-06-12 04:03:08.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-12 04:03:08.370 Link Reset, starting window sequence: 13220

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2014-06-12 04:03:08.370 GPS Receiver ID Received  
 2014-06-12 04:03:08.370 Manufacturer's Data Received, Property Tag=2017  
 2014-06-12 04:03:08.370 Digitizer Gain & Offsets Received  
 2014-06-12 04:03:08.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4287 recs.  
 seq end: 5752642  
 2014-06-12 04:03:08.370 Baler clock set to 2014-06-12 04:03:07  
 2014-06-12 04:03:08.370 Starting to Read DP Tokens  
 2014-06-12 04:03:08.370 DP Tokens loaded, size=1474 bytes  
 2014-06-12 04:03:08.370 webserver advertising 192.168.200.119:5380  
 2014-06-12 04:03:08.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-12 04:03:08.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-12 04:03:08.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-12 04:03:08.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-12 04:03:08.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-12 04:03:08.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-12 04:03:08.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-12 04:03:08.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-12 04:03:08.370 [2014-06-11 16:02:12.999998] continuity found: 5752642  
 455817733.000000 Q=100  
 2014-06-12 04:03:08.370 [2014-06-11 16:02:12.999998] restoring continuity  
 2014-06-12 04:03:08.370 Sending DT\_OPEN  
 2014-06-12 04:03:08.370 Station: XX-2017  
 2014-06-12 04:03:08.370 Q330 Serial Number: 0100000DB18FC351  
 2014-06-12 04:03:08.370 AMB Serial Number: 0100000B6909DD82  
 2014-06-12 04:03:08.370 Seismo 1 Serial Number: 0000000000000000  
 2014-06-12 04:03:08.370 Seismo 2 Serial Number: 0000000000000000  
 2014-06-12 04:03:08.370 QAPCHP 1 Serial Number: 4643206  
 2014-06-12 04:03:08.370 QAPCHP 2 Serial Number: 3743050  
 2014-06-12 04:03:08.370 KMI Property Tag Number: 2017  
 2014-06-12 04:03:08.370 System Software Version: 1.146  
 2014-06-12 04:03:08.370 Slave Processor Version: 1.11  
 2014-06-12 04:03:08.370 Calibrator Type: QCAL330  
 2014-06-12 04:03:08.370 Calibrator Version: 1.8  
 2014-06-12 04:03:08.370 Auxiliary Board Type: None  
 2014-06-12 04:03:08.370 Clock Type: Motorola M12  
 2014-06-12 04:03:08.370 PLD Version: 7.9  
 2014-06-12 04:03:08.370 Total Hours: 66752.50  
 2014-06-12 04:03:08.370 Power On Hours: 31382.89  
 2014-06-12 04:03:08.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-12 04:03:08.370 Total Number of Boots: 120  
 2014-06-12 04:03:08.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-12 04:03:08.370 Total Number of Re-Syncs: 213  
 2014-06-12 04:03:08.370 Status Inputs: 00000000  
 2014-06-12 04:03:08.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-12 04:03:08.370 Clock Quality: 100%  
 2014-06-12 04:03:08.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-12 04:03:08.370 Clock Phase: 0 usec. max allowed=50000  
 2014-06-12 04:03:08.370 Boom positions:  
 2014-06-12 04:03:08.370 ch1: -2 ch2: 8 ch3: 0 ch4: 20 ch5: 20 ch6: 20  
 2014-06-12 04:03:08.370 Analog Status  
 2014-06-12 04:03:08.370 Analog Positive Supply: 5.46V  
 2014-06-12 04:03:08.370 Input Voltage: 13.20V  
 2014-06-12 04:03:08.370 System Temperature: 5C  
 2014-06-12 04:03:08.370 Main Current: 62ma  
 2014-06-12 04:03:08.370 Antenna Current: 0ma  
 2014-06-12 04:03:08.370 GPS Status  
 2014-06-12 04:03:08.370 Time: 04:03:06  
 2014-06-12 04:03:08.370 Date:  
 2014-06-12 04:03:08.370 Fix Type: 1-D  
 2014-06-12 04:03:08.370 Height:  
 2014-06-12 04:03:08.370 Latitude:  
 2014-06-12 04:03:08.370 Longitude:  
 2014-06-12 04:03:08.370 On Time: 0min

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2014-06-12 04:03:08.370 Sat. Used: 0  
 2014-06-12 04:03:08.370 In View: 0  
 2014-06-12 04:03:08.370 Checksum Errors: 0  
 2014-06-12 04:03:08.370 Last GPS timemark: 2014-06-12 04:03:05  
 2014-06-12 04:03:08.370 PLL Status  
 2014-06-12 04:03:08.370 State: Lock  
 2014-06-12 04:03:08.370 Initial VCO: 2202.089111  
 2014-06-12 04:03:08.370 Time Error: 0.000000  
 2014-06-12 04:03:08.370 RMS VCO: 0.000000  
 2014-06-12 04:03:08.370 Best VCO: 2202.06  
 2014-06-12 04:03:08.370 Seconds Since Track or Lock: 0.0  
 2014-06-12 04:03:08.370 Vco Control: 2202  
 2014-06-12 04:03:08.370 timing mode: external seascan  
 2014-06-12 04:03:08.370 tempco normal  
 2014-06-12 04:03:08.370 PLL update: 10s PLL lock criterion: 5us  
 2014-06-12 04:03:08.370 Pfrac: 150.00  
 2014-06-12 04:03:08.370 VCO slope: -0.0175000  
 2014-06-12 04:03:08.370 VCO intercept: 7.1100001  
 2014-06-12 04:03:08.370 Km delta: 600.0000000  
 2014-06-12 04:03:08.370 Logical Port 4 Status  
 2014-06-12 04:03:08.370 Data Packets Sent: 6633046  
 2014-06-12 04:03:08.370 Flood Packets Sent: 0  
 2014-06-12 04:03:08.370 Packets Re-Sent: 9448  
 2014-06-12 04:03:08.370 Sequence Errors: 0  
 2014-06-12 04:03:08.370 Packet Buffer Used: 20781312  
 2014-06-12 04:03:08.370 Physical Port: Ethernet  
 2014-06-12 04:03:08.370 Baler Model: 14 Software Version: 2.28  
 2014-06-12 04:03:08.370 MAC Address: 00:04:FB:00:02:EA  
 2014-06-12 04:03:08.370 Disk Size: 20000669696  
 2014-06-12 04:03:08.370 Percent of 1177 data files in use: 14.0  
 2014-06-12 04:03:08.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-12 04:03:08.370 Channel Sensitivities (uV per count):  
 2014-06-12 04:03:08.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-12 04:03:08.370 Digitizer Calibration Results:  
 2014-06-12 04:03:08.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-12 04:03:08.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-12 04:03:08.370 DMU1 Software Version=10  
 2014-06-12 04:03:08.370 Supply Voltage=12.7  
 2014-06-12 04:03:08.370 Supply Current=0.41  
 2014-06-12 04:03:08.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-12 04:03:08.370 webLink Data Maps Restored  
 2014-06-12 04:03:08.370 [2014-06-11 16:02:12.999998] sequence resumes: 5752642 to  
 5752642  
 2014-06-12 04:03:08.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-12 04:03:07  
 2014-06-12 04:06:31.920 [2014-06-12 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-06-12 04:06:31.920 Reducing Status Polling Interval  
 2014-06-12 04:08:23.420 [2014-06-12 03:59:16.000000] total packets received: 43196  
 2014-06-12 04:08:23.420 [2014-06-12 03:59:16.000000] command timeouts: 6  
 2014-06-12 04:08:23.420 [2014-06-12 03:59:16.000000] out of window: 64  
 2014-06-12 04:08:23.420 written: HHZ-1060 HH1-1208 HH2-1320 BDH-404 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-06-12 04:08:23.420 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-20 LH1-23 LH2-23 LDH-23  
 VMZ-1 VM1-1  
 2014-06-12 04:08:23.420 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-12 04:08:23.420 [2014-06-12 03:59:16.000000] Done: 4120 recs. seq end:  
 5795665. run: 310 s  
 2014-06-12 16:09:12.360  
 2014-06-12 16:09:12.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-12 16:09:12.360 Control Port 2491 Opened  
 2014-06-12 16:09:12.360 Baler ready on Ethernet  
 2014-06-12 16:09:12.360 Power Cycled Baler Acknowledged



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2014-06-12 16:09:12.360 Commands Accepted by Q330
2014-06-12 16:09:12.360 Access timeout: 300 sec
2014-06-12 16:09:12.360 Control Port 4023 Opened
2014-06-12 16:09:12.360 Data Port 4024 Opened
2014-06-12 16:09:12.360 Registered with Q330
2014-06-12 16:09:12.360 Combination Record Received
2014-06-12 16:09:12.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-12 16:09:12.360 Link Reset, starting window sequence: 56305
2014-06-12 16:09:12.360 GPS Receiver ID Received
2014-06-12 16:09:12.360 Manufacturer's Data Received, Property Tag=2017
2014-06-12 16:09:12.360 Digitizer Gain & Offsets Received
2014-06-12 16:09:12.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4120 recs.
seq end: 5795665
2014-06-12 16:09:12.360 Baler clock set to 2014-06-12 16:09:11
2014-06-12 16:09:12.360 Starting to Read DP Tokens
2014-06-12 16:09:12.360 DP Tokens loaded, size=1474 bytes
2014-06-12 16:09:12.360 webserver advertising 192.168.200.119:5380
2014-06-12 16:09:12.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-12 16:09:12.360 filters & delay HH1:2@100,Linear all=0.320000
2014-06-12 16:09:12.360 filters & delay HH2:3@100,Linear all=0.320000
2014-06-12 16:09:12.360 filters & delay BDH:4@20,Linear all=1.650000
2014-06-12 16:09:12.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-12 16:09:12.360 filters & delay LH1:2@1,Linear all=15.000000
2014-06-12 16:09:12.360 filters & delay LH2:3@1,Linear all=15.000000
2014-06-12 16:09:12.360 filters & delay LDH:4@1,Linear all=15.000000
2014-06-12 16:09:12.360 [2014-06-12 03:59:16.000000] continuity found: 5795665
455860756.000000 Q=100
2014-06-12 16:09:12.360 [2014-06-12 03:59:16.000000] restoring continuity
2014-06-12 16:09:12.360 Sending DT_OPEN
2014-06-12 16:09:12.360 Station: XX-2017
2014-06-12 16:09:12.360 AMB Serial Number: 0100000B6909DD82
2014-06-12 16:09:12.360 Seismo 1 Serial Number: 0000000000000000
2014-06-12 16:09:12.360 Seismo 2 Serial Number: 0000000000000000
2014-06-12 16:09:12.360 QAPCHP 1 Serial Number: 4643206
2014-06-12 16:09:12.360 QAPCHP 2 Serial Number: 3743050
2014-06-12 16:09:12.360 KMI Property Tag Number: 2017
2014-06-12 16:09:12.360 System Software Version: 1.146
2014-06-12 16:09:12.360 Slave Processor Version: 1.11
2014-06-12 16:09:12.360 Calibrator Type: QCAL330
2014-06-12 16:09:12.360 Calibrator Version: 1.8
2014-06-12 16:09:12.360 Auxiliary Board Type: None
2014-06-12 16:09:12.360 Clock Type: Motorola M12
2014-06-12 16:09:12.360 PLD Version: 7.9
2014-06-12 16:09:12.360 Total Hours: 66764.60
2014-06-12 16:09:12.360 Power On Hours: 31394.99
2014-06-12 16:09:12.360 Time of Last Boot: 2014-04-06 02:03:58
2014-06-12 16:09:12.360 Total Number of Boots: 120
2014-06-12 16:09:12.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-12 16:09:12.360 Total Number of Re-Syncs: 213
2014-06-12 16:09:12.360 Status Inputs: 00000000
2014-06-12 16:09:12.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-12 16:09:12.360 Clock Quality: 100%
2014-06-12 16:09:12.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-12 16:09:12.360 Clock Phase: 0 usec. max allowed=50000
2014-06-12 16:09:12.360 Boom positions:
2014-06-12 16:09:12.360 Ch1: -2 Ch2: 7 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-12 16:09:12.360 Analog Status
2014-06-12 16:09:12.360 Analog Positive Supply: 5.46V
2014-06-12 16:09:12.360 Input Voltage: 13.35V
2014-06-12 16:09:12.360 System Temperature: 5C
2014-06-12 16:09:12.360 Main Current: 62ma
2014-06-12 16:09:12.360 Antenna Current: Oma
2014-06-12 16:09:12.360 GPS Status

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2014-06-12 16:09:12.360 Time: 16:09:11
2014-06-12 16:09:12.360 Date:
2014-06-12 16:09:12.360 Fix Type: 1-D
2014-06-12 16:09:12.360 Height:
2014-06-12 16:09:12.360 Latitude:
2014-06-12 16:09:12.360 Longitude:
2014-06-12 16:09:12.360 On Time: 0min
2014-06-12 16:09:12.360 Sat. Used: 0
2014-06-12 16:09:12.360 In View: 0
2014-06-12 16:09:12.360 Checksum Errors: 0
2014-06-12 16:09:12.360 Last GPS timemark: 2014-06-12 16:09:10
2014-06-12 16:09:12.360 PLL Status
2014-06-12 16:09:12.360 State: Lock
2014-06-12 16:09:12.360 Initial VCO: 2201.791260
2014-06-12 16:09:12.360 Time Error: 0.000000
2014-06-12 16:09:12.360 RMS VCO: 0.0000000
2014-06-12 16:09:12.360 Best VCO: 2201.80
2014-06-12 16:09:12.360 Seconds Since Track or Lock: 0.0
2014-06-12 16:09:12.360 Vco Control: 2201
2014-06-12 16:09:12.360 timing mode: external seascan
2014-06-12 16:09:12.360 tempco normal
2014-06-12 16:09:12.360 PLL update: 10s PLL lock criterion: 5us
2014-06-12 16:09:12.360 Pfrac: 150.00
2014-06-12 16:09:12.360 VCO slope: -0.0175000
2014-06-12 16:09:12.360 VCO intercept: 7.1100001
2014-06-12 16:09:12.360 Km delta: 600.0000000
2014-06-12 16:09:12.360 Logical Port 4 Status
2014-06-12 16:09:12.360 Data Packets Sent: 6676136
2014-06-12 16:09:12.360 Flood Packets Sent: 0
2014-06-12 16:09:12.360 Packets Re-Sent: 9523
2014-06-12 16:09:12.360 Sequence Errors: 0
2014-06-12 16:09:12.360 Packet Buffer Used: 20981336
2014-06-12 16:09:12.360 Physical Port: Ethernet
2014-06-12 16:09:12.360 Baler Model: 14 Software Version: 2.28
2014-06-12 16:09:12.360 MAC Address: 00:04:FB:00:02:EA
2014-06-12 16:09:12.360 Disk Size: 20000669696
2014-06-12 16:09:12.360 Percent of 1177 data files in use: 14.0
2014-06-12 16:09:12.360 Channels Enabled: 1234 Preamps ON channels:
2014-06-12 16:09:12.360 Channel Sensitivities (uV per count):
2014-06-12 16:09:12.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-12 16:09:12.360 Digitizer Calibration Results:
2014-06-12 16:09:12.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-12 16:09:12.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-12 16:09:12.360 DMU1 Software Version=10
2014-06-12 16:09:12.360 Supply Voltage=12.6
2014-06-12 16:09:12.360 Supply Current=0.42
2014-06-12 16:09:12.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-12 16:09:12.360 WebLink Data Maps Restored
2014-06-12 16:09:12.360 [2014-06-12 03:59:16.000000] sequence resumes: 5795665 to
5795665
2014-06-12 16:09:12.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-12 16:09:11
2014-06-12 16:14:20.550 Reducing Status Polling Interval
2014-06-12 16:14:20.550 [2014-06-12 16:14:19.999998] total packets received: 44394
2014-06-12 16:14:20.550 [2014-06-12 16:14:19.999998] command timeouts: 6
2014-06-12 16:14:20.550 [2014-06-12 16:14:19.999998] out of window: 41
2014-06-12 16:14:20.550 written: HHZ-1106 HH1-1242 HH2-1301 BDH-417 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-12 16:14:20.550 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-23 LH2-23 LDH-24
VMZ-2 VM1-2
2014-06-12 16:14:20.550 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-12 16:14:20.550 [2014-06-12 16:14:19.999998] Done: 4204 recs. seq end:
5839769. run: 305 s

```

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```

2014-06-13 04:15:16.410
2014-06-13 04:15:16.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-13 04:15:16.410 Control Port 2491 Opened
2014-06-13 04:15:16.410 Baler ready on Ethernet
2014-06-13 04:15:16.410 Power Cycled Baler Acknowledged
2014-06-13 04:15:16.410 Commands Accepted by Q330
2014-06-13 04:15:16.410 Access timeout: 300 sec
2014-06-13 04:15:16.410 Control Port 4023 Opened
2014-06-13 04:15:16.410 Data Port 4024 Opened
2014-06-13 04:15:16.410 Registered with Q330
2014-06-13 04:15:16.410 Combination Record Received
2014-06-13 04:15:16.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-13 04:15:16.410 Link Reset, starting window sequence: 35088
2014-06-13 04:15:16.410 GPS Receiver ID Received
2014-06-13 04:15:16.410 Manufacturer's Data Received, Property Tag=2017
2014-06-13 04:15:16.410 Digitizer Gain & Offsets Received
2014-06-13 04:15:16.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4204 recs.
seq end: 5839769
2014-06-13 04:15:16.410 Baler clock set to 2014-06-13 04:15:15
2014-06-13 04:15:16.410 Starting to Read DP Tokens
2014-06-13 04:15:16.410 DP Tokens loaded, size=1474 bytes
2014-06-13 04:15:16.410 webserver advertising 192.168.200.119:5380
2014-06-13 04:15:16.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-13 04:15:16.410 filters & delay HH1:2@100,Linear all=0.320000
2014-06-13 04:15:16.410 filters & delay HH2:3@100,Linear all=0.320000
2014-06-13 04:15:16.410 filters & delay BDH:4@20,Linear all=1.650000
2014-06-13 04:15:16.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-13 04:15:16.410 filters & delay LH1:2@1,Linear all=15.000000
2014-06-13 04:15:16.410 filters & delay LH2:3@1,Linear all=15.000000
2014-06-13 04:15:16.410 filters & delay LDH:4@1,Linear all=15.000000
2014-06-13 04:15:16.410 [2014-06-12 16:14:19.999998] continuity found: 5839769
455904860.000000 Q=100
2014-06-13 04:15:16.410 [2014-06-12 16:14:19.999998] restoring continuity
2014-06-13 04:15:16.410 Sending DT_OPEN
2014-06-13 04:15:16.410 Station: XX-2017
2014-06-13 04:15:16.410 Q330 Serial Number: 0100000DB18FC351
2014-06-13 04:15:16.410 AMB Serial Number: 0100000B6909DD82
2014-06-13 04:15:16.410 Seismo 1 Serial Number: 0000000000000000
2014-06-13 04:15:16.410 Seismo 2 Serial Number: 0000000000000000
2014-06-13 04:15:16.410 QAPCHP 1 Serial Number: 4643206
2014-06-13 04:15:16.410 QAPCHP 2 Serial Number: 3743050
2014-06-13 04:15:16.410 KMI Property Tag Number: 2017
2014-06-13 04:15:16.410 System Software Version: 1.146
2014-06-13 04:15:16.410 Slave Processor Version: 1.11
2014-06-13 04:15:16.410 Calibrator Type: QCAL330
2014-06-13 04:15:16.410 Calibrator Version: 1.8
2014-06-13 04:15:16.410 Auxiliary Board Type: None
2014-06-13 04:15:16.410 Clock Type: Motorola M12
2014-06-13 04:15:16.410 PLD Version: 7.9
2014-06-13 04:15:16.410 Total Hours: 66776.70
2014-06-13 04:15:16.410 Power On Hours: 31407.09
2014-06-13 04:15:16.410 Time of Last Boot: 2014-04-06 02:03:58
2014-06-13 04:15:16.410 Total Number of Boots: 120
2014-06-13 04:15:16.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-13 04:15:16.410 Total Number of Re-Syncs: 213
2014-06-13 04:15:16.410 Status Inputs: 00000000
2014-06-13 04:15:16.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-13 04:15:16.410 Clock Quality: 100%
2014-06-13 04:15:16.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-13 04:15:16.410 Clock Phase: 0 usec. max allowed=50000
2014-06-13 04:15:16.410 Boom positions:
2014-06-13 04:15:16.410 Ch1: -2 Ch2: 7 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-13 04:15:16.410 Analog Status

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2014-06-13 04:15:16.410 Analog Positive Supply: 5.46V  
 2014-06-13 04:15:16.410 Input Voltage: 13.20V  
 2014-06-13 04:15:16.410 System Temperature: 5C  
 2014-06-13 04:15:16.410 Main Current: 62ma  
 2014-06-13 04:15:16.410 Antenna Current: 0ma  
 2014-06-13 04:15:16.410 GPS Status  
 2014-06-13 04:15:16.410 Time: 04:15:15  
 2014-06-13 04:15:16.410 Date:  
 2014-06-13 04:15:16.410 Fix Type: 1-D  
 2014-06-13 04:15:16.410 Height:  
 2014-06-13 04:15:16.410 Latitude:  
 2014-06-13 04:15:16.410 Longitude:  
 2014-06-13 04:15:16.410 On Time: 0min  
 2014-06-13 04:15:16.410 Sat. Used: 0  
 2014-06-13 04:15:16.410 In View: 0  
 2014-06-13 04:15:16.410 Checksum Errors: 0  
 2014-06-13 04:15:16.410 Last GPS timemark: 2014-06-13 04:15:14  
 2014-06-13 04:15:16.410 PLL Status  
 2014-06-13 04:15:16.410 State: Lock  
 2014-06-13 04:15:16.410 Initial VCO: 2201.620605  
 2014-06-13 04:15:16.410 Time Error: 0.000000  
 2014-06-13 04:15:16.410 RMS VCO: 0.0000000  
 2014-06-13 04:15:16.410 Best VCO: 2201.57  
 2014-06-13 04:15:16.410 Seconds Since Track or Lock: 0.0  
 2014-06-13 04:15:16.410 Vco Control: 2202  
 2014-06-13 04:15:16.410 timing mode: external seascan  
 2014-06-13 04:15:16.410 tempco normal  
 2014-06-13 04:15:16.410 PLL update: 10s PLL lock criterion: 5us  
 2014-06-13 04:15:16.410 Pfrac: 150.00  
 2014-06-13 04:15:16.410 VCO slope: -0.0175000  
 2014-06-13 04:15:16.410 VCO intercept: 7.1100001  
 2014-06-13 04:15:16.410 Km delta: 600.0000000  
 2014-06-13 04:15:16.410 Logical Port 4 Status  
 2014-06-13 04:15:16.410 Data Packets Sent: 6720460  
 2014-06-13 04:15:16.410 Flood Packets Sent: 0  
 2014-06-13 04:15:16.410 Packets Re-Sent: 9581  
 2014-06-13 04:15:16.410 Sequence Errors: 0  
 2014-06-13 04:15:16.410 Packet Buffer Used: 21911928  
 2014-06-13 04:15:16.410 Physical Port: Ethernet  
 2014-06-13 04:15:16.410 Baler Model: 14 Software Version: 2.28  
 2014-06-13 04:15:16.410 MAC Address: 00:04:FB:00:02:EA  
 2014-06-13 04:15:16.410 Disk Size: 20000669696  
 2014-06-13 04:15:16.410 Percent of 1177 data files in use: 14.1  
 2014-06-13 04:15:16.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-13 04:15:16.410 Channel Sensitivities (uV per count):  
 2014-06-13 04:15:16.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-13 04:15:16.410 Digitizer Calibration Results:  
 2014-06-13 04:15:16.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-13 04:15:16.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-13 04:15:16.410 DMU1 Software Version=10  
 2014-06-13 04:15:16.410 Supply Voltage=12.7  
 2014-06-13 04:15:16.410 Supply Current=0.40  
 2014-06-13 04:15:16.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-13 04:15:16.410 webLink Data Maps Restored  
 2014-06-13 04:15:16.410 [2014-06-12 16:14:19.999998] sequence resumes: 5839769 to 5839769  
 2014-06-13 04:15:16.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-13 04:15:15  
 2014-06-13 04:18:36.340 [2014-06-13 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-06-13 04:20:45.080 Reducing Status Polling Interval  
 2014-06-13 04:20:45.080 [2014-06-13 04:20:43.999998] command timeouts: 6  
 2014-06-13 04:20:45.080 [2014-06-13 04:20:43.999998] out of window: 56

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2014-06-13 04:20:45.080 written: HHZ-1166 HH1-1329 HH2-1383 BDH-427 VEP-2 VEC-1  
VEA-2 VKI-2 VCO-2  
2014-06-13 04:20:45.080 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
VMZ-2 VM1-2  
2014-06-13 04:20:45.080 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
2014-06-13 04:20:45.080 [2014-06-13 04:20:43.999998] Done: 4446 recs. seq end:  
5883353. run: 324 s  
2014-06-13 16:21:34.350  
2014-06-13 16:21:34.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-06-13 16:21:34.350 Control Port 2491 Opened  
2014-06-13 16:21:34.350 Baler ready on Ethernet  
2014-06-13 16:21:34.350 Power Cycled Baler Acknowledged  
2014-06-13 16:21:34.350 Commands Accepted by Q330  
2014-06-13 16:21:34.350 Access timeout: 300 sec  
2014-06-13 16:21:34.350 Control Port 4023 Opened  
2014-06-13 16:21:34.350 Data Port 4024 Opened  
2014-06-13 16:21:34.350 Registered with Q330  
2014-06-13 16:21:34.350 Combination Record Received  
2014-06-13 16:21:34.350 Window=4 Min. Timeout=10 Max. Timeout=30  
2014-06-13 16:21:34.350 Link Reset, starting window sequence: 16259  
2014-06-13 16:21:34.350 GPS Receiver ID Received  
2014-06-13 16:21:34.350 Manufacturer's Data Received, Property Tag=2017  
2014-06-13 16:21:34.350 Digitizer Gain & Offsets Received  
2014-06-13 16:21:34.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4446 recs.  
seq end: 5883353  
2014-06-13 16:21:34.350 Baler clock set to 2014-06-13 16:21:33  
2014-06-13 16:21:34.350 Starting to Read DP Tokens  
2014-06-13 16:21:34.350 DP Tokens loaded, size=1474 bytes  
2014-06-13 16:21:34.350 webserver advertising 192.168.200.119:5380  
2014-06-13 16:21:34.350 filters & delay HHZ:1@100,Linear all=0.320000  
2014-06-13 16:21:34.350 filters & delay HH1:2@100,Linear all=0.320000  
2014-06-13 16:21:34.350 filters & delay HH2:3@100,Linear all=0.320000  
2014-06-13 16:21:34.350 filters & delay BDH:4@20,Linear all=1.650000  
2014-06-13 16:21:34.350 filters & delay LHZ:1@1,Linear all=15.000000  
2014-06-13 16:21:34.350 filters & delay LH1:2@1,Linear all=15.000000  
2014-06-13 16:21:34.350 filters & delay LH2:3@1,Linear all=15.000000  
2014-06-13 16:21:34.350 filters & delay LDH:4@1,Linear all=15.000000  
2014-06-13 16:21:34.350 [2014-06-13 04:20:43.999998] continuity found: 5883353  
455948444.000000 Q=100  
2014-06-13 16:21:34.350 [2014-06-13 04:20:43.999998] restoring continuity  
2014-06-13 16:21:34.350 Sending DT\_OPEN  
2014-06-13 16:21:34.350 Station: XX-2017  
2014-06-13 16:21:34.350 Q330 Serial Number: 0100000DB18FC351  
2014-06-13 16:21:34.350 AMB Serial Number: 0100000B6909DD82  
2014-06-13 16:21:34.350 Seismo 1 Serial Number: 0000000000000000  
2014-06-13 16:21:34.350 Seismo 2 Serial Number: 0000000000000000  
2014-06-13 16:21:34.350 QAPCHP 1 Serial Number: 4643206  
2014-06-13 16:21:34.350 QAPCHP 2 Serial Number: 3743050  
2014-06-13 16:21:34.350 KMI Property Tag Number: 2017  
2014-06-13 16:21:34.350 System Software Version: 1.146  
2014-06-13 16:21:34.350 Slave Processor Version: 1.11  
2014-06-13 16:21:34.350 Calibrator Type: QCAL330  
2014-06-13 16:21:34.350 Calibrator Version: 1.8  
2014-06-13 16:21:34.350 Auxiliary Board Type: None  
2014-06-13 16:21:34.350 Clock Type: Motorola M12  
2014-06-13 16:21:34.350 PLD Version: 7.9  
2014-06-13 16:21:34.350 Total Hours: 66788.81  
2014-06-13 16:21:34.350 Power On Hours: 31419.19  
2014-06-13 16:21:34.350 Time of Last Boot: 2014-04-06 02:03:58  
2014-06-13 16:21:34.350 Total Number of Boots: 120  
2014-06-13 16:21:34.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-06-13 16:21:34.350 Total Number of Re-Syncs: 213  
2014-06-13 16:21:34.350 Status Inputs: 00000000

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2014-06-13 16:21:34.350 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-06-13 16:21:34.350 Clock Quality: 100%
2014-06-13 16:21:34.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-13 16:21:34.350 Clock Phase: -2 usec. max allowed=50000
2014-06-13 16:21:34.350 Boom positions:
2014-06-13 16:21:34.350 Ch1: -2 Ch2: 6 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-13 16:21:34.350 Analog Status
2014-06-13 16:21:34.350 Analog Positive Supply: 5.46v
2014-06-13 16:21:34.350 Input Voltage: 13.20V
2014-06-13 16:21:34.350 System Temperature: 5C
2014-06-13 16:21:34.350 Main Current: 62ma
2014-06-13 16:21:34.350 Antenna Current: 0ma
2014-06-13 16:21:34.350 GPS Status
2014-06-13 16:21:34.350 Time: 16:21:34
2014-06-13 16:21:34.350 Date:
2014-06-13 16:21:34.350 Fix Type: 1-D
2014-06-13 16:21:34.350 Height:
2014-06-13 16:21:34.350 Latitude:
2014-06-13 16:21:34.350 Longitude:
2014-06-13 16:21:34.350 On Time: 0min
2014-06-13 16:21:34.350 Sat. Used: 0
2014-06-13 16:21:34.350 In View: 0
2014-06-13 16:21:34.350 Checksum Errors: 0
2014-06-13 16:21:34.350 Last GPS timemark: 2014-06-13 16:21:33
2014-06-13 16:21:34.350 PLL Status
2014-06-13 16:21:34.350 State: Lock
2014-06-13 16:21:34.350 Intitial VCO: 2201.640625
2014-06-13 16:21:34.350 Time Error: 0.000000
2014-06-13 16:21:34.350 RMS VCO: 0.0000000
2014-06-13 16:21:34.350 Best VCO: 2201.58
2014-06-13 16:21:34.350 Seconds Since Track or Lock: 0.0
2014-06-13 16:21:34.350 Vco Control: 2202
2014-06-13 16:21:34.350 timing mode: external seascan
2014-06-13 16:21:34.350 tempco normal
2014-06-13 16:21:34.350 PLL update: 10s   PLL lock criterion: 5us
2014-06-13 16:21:34.350 Pfrac: 150.00
2014-06-13 16:21:34.350 VCO slope: -0.0175000
2014-06-13 16:21:34.350 VCO intercept: 7.1100001
2014-06-13 16:21:34.350 km delta: 600.0000000
2014-06-13 16:21:34.350 Logical Port 4 Status
2014-06-13 16:21:34.350 Data Packets Sent: 6767172
2014-06-13 16:21:34.350 Flood Packets Sent: 0
2014-06-13 16:21:34.350 Packets Re-Sent: 9651
2014-06-13 16:21:34.350 Sequence Errors: 0
2014-06-13 16:21:34.350 Packet Buffer Used: 22462588
2014-06-13 16:21:34.350 Physical Port: Ethernet
2014-06-13 16:21:34.350 Baler Model: 14   Software Version: 2.28
2014-06-13 16:21:34.350 MAC Address: 00:04:FB:00:02:EA
2014-06-13 16:21:34.350 Disk Size: 20000669696
2014-06-13 16:21:34.350 Percent of 1177 data files in use: 14.2
2014-06-13 16:21:34.350 Channels Enabled: 1234   Preamps ON channels:
2014-06-13 16:21:34.350 Channel Sensitivities (uV per count):
2014-06-13 16:21:34.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-13 16:21:34.350 Digitizer Calibration Results:
2014-06-13 16:21:34.350 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-06-13 16:21:34.350 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-06-13 16:21:34.350 DMU1 Software Version=10
2014-06-13 16:21:34.350 Supply Voltage=12.7
2014-06-13 16:21:34.350 Supply Current=0.41
2014-06-13 16:21:34.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-13 16:21:34.350 webLink Data Maps Restored
2014-06-13 16:21:34.350 [2014-06-13 04:20:43.999998] sequence resumes: 5883353 to
5883353

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2014-06-13 16:21:34.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-13 16:21:33
2014-06-13 16:27:10.380 Reducing Status Polling Interval
2014-06-13 16:27:10.380 [2014-06-13 16:27:09.999998] total packets received: 51269
2014-06-13 16:27:10.380 [2014-06-13 16:27:09.999998] command timeouts: 6
2014-06-13 16:27:10.380 [2014-06-13 16:27:09.999998] out of window: 59
2014-06-13 16:27:10.380 written: HHZ-1218 HH1-1367 HH2-1415 BDH-436 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-06-13 16:27:10.380 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-06-13 16:27:10.380 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-13 16:27:10.380 [2014-06-13 16:27:09.999998] Done: 4571 recs. seq end:
5926939. run: 332 s
2014-06-14 04:28:04.320
2014-06-14 04:28:04.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-14 04:28:04.320 Control Port 2491 Opened
2014-06-14 04:28:04.320 Baler ready on Ethernet
2014-06-14 04:28:04.320 Power Cycled Baler Acknowledged
2014-06-14 04:28:04.320 Commands Accepted by Q330
2014-06-14 04:28:04.320 Access timeout: 300 sec
2014-06-14 04:28:04.320 Control Port 4023 Opened
2014-06-14 04:28:04.320 Data Port 4024 Opened
2014-06-14 04:28:04.320 Registered with Q330
2014-06-14 04:28:04.320 Combination Record Received
2014-06-14 04:28:04.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-14 04:28:04.320 Link Reset, starting window sequence: 1897
2014-06-14 04:28:04.320 GPS Receiver ID Received
2014-06-14 04:28:04.320 Manufacturer's Data Received, Property Tag=2017
2014-06-14 04:28:04.320 Digitizer Gain & Offsets Received
2014-06-14 04:28:04.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4571 recs.
seq end: 5926939
2014-06-14 04:28:04.320 Baler clock set to 2014-06-14 04:28:03
2014-06-14 04:28:04.320 Starting to Read DP Tokens
2014-06-14 04:28:04.320 DP Tokens loaded, size=1474 bytes
2014-06-14 04:28:04.320 webserver advertising 192.168.200.119:5380
2014-06-14 04:28:04.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-14 04:28:04.320 filters & delay HH1:2@100,Linear all=0.320000
2014-06-14 04:28:04.320 filters & delay HH2:3@100,Linear all=0.320000
2014-06-14 04:28:04.320 filters & delay BDH:4@20,Linear all=1.650000
2014-06-14 04:28:04.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-14 04:28:04.320 filters & delay LH1:2@1,Linear all=15.000000
2014-06-14 04:28:04.320 filters & delay LH2:3@1,Linear all=15.000000
2014-06-14 04:28:04.320 filters & delay LDH:4@1,Linear all=15.000000
2014-06-14 04:28:04.320 [2014-06-13 16:27:09.999998] continuity found: 5926939
455992030.000000 Q=100
2014-06-14 04:28:04.320 [2014-06-13 16:27:09.999998] restoring continuity
2014-06-14 04:28:04.320 Sending DT_OPEN
2014-06-14 04:28:04.320 Station: XX-2017
2014-06-14 04:28:04.320 Q330 Serial Number: 0100000DB18FC351
2014-06-14 04:28:04.320 AMB Serial Number: 0100000B6909DD82
2014-06-14 04:28:04.320 Seismo 1 Serial Number: 0000000000000000
2014-06-14 04:28:04.320 Seismo 2 Serial Number: 0000000000000000
2014-06-14 04:28:04.320 QAPCHP 1 Serial Number: 4643206
2014-06-14 04:28:04.320 QAPCHP 2 Serial Number: 3743050
2014-06-14 04:28:04.320 KMI Property Tag Number: 2017
2014-06-14 04:28:04.320 System Software Version: 1.146
2014-06-14 04:28:04.320 Slave Processor Version: 1.11
2014-06-14 04:28:04.320 Calibrator Type: QCAL330
2014-06-14 04:28:04.320 Calibrator Version: 1.8
2014-06-14 04:28:04.320 Auxiliary Board Type: None
2014-06-14 04:28:04.320 Clock Type: Motorola M12
2014-06-14 04:28:04.320 PLD Version: 7.9
2014-06-14 04:28:04.320 Total Hours: 66800.92

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2014-06-14 04:28:04.320 Power On Hours: 31431.30  
 2014-06-14 04:28:04.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-14 04:28:04.320 Total Number of Boots: 120  
 2014-06-14 04:28:04.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-14 04:28:04.320 Total Number of Re-Syncs: 213  
 2014-06-14 04:28:04.320 Status Inputs: 00000000  
 2014-06-14 04:28:04.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-06-14 04:28:04.320 Clock Quality: 100%  
 2014-06-14 04:28:04.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-14 04:28:04.320 Clock Phase: 0 usec. max allowed=50000  
 2014-06-14 04:28:04.320 Boom positions:  
 2014-06-14 04:28:04.320 Ch1: -2 Ch2: 5 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-14 04:28:04.320 Analog Status  
 2014-06-14 04:28:04.320 Analog Positive Supply: 5.46v  
 2014-06-14 04:28:04.320 Input Voltage: 13.35V  
 2014-06-14 04:28:04.320 System Temperature: 5C  
 2014-06-14 04:28:04.320 Main Current: 61ma  
 2014-06-14 04:28:04.320 Antenna Current: 0ma  
 2014-06-14 04:28:04.320 GPS Status  
 2014-06-14 04:28:04.320 Time: 04:28:02  
 2014-06-14 04:28:04.320 Date:  
 2014-06-14 04:28:04.320 Fix Type: 1-D  
 2014-06-14 04:28:04.320 Height:  
 2014-06-14 04:28:04.320 Longitude:  
 2014-06-14 04:28:04.320 On Time: 0min  
 2014-06-14 04:28:04.320 Sat. Used: 0  
 2014-06-14 04:28:04.320 In View: 0  
 2014-06-14 04:28:04.320 Checksum Errors: 0  
 2014-06-14 04:28:04.320 Last GPS timemark: 2014-06-14 04:28:01  
 2014-06-14 04:28:04.320 PLL Status  
 2014-06-14 04:28:04.320 State: Lock  
 2014-06-14 04:28:04.320 Initial VCO: 2202.078613  
 2014-06-14 04:28:04.320 Time Error: 0.000000  
 2014-06-14 04:28:04.320 RMS VCO: 0.0000000  
 2014-06-14 04:28:04.320 Best VCO: 2202.06  
 2014-06-14 04:28:04.320 Seconds Since Track or Lock: 0.0  
 2014-06-14 04:28:04.320 Vco Control: 2202  
 2014-06-14 04:28:04.320 timing mode: external seascan  
 2014-06-14 04:28:04.320 tempco normal  
 2014-06-14 04:28:04.320 PLL update: 10s PLL lock criterion: 5us  
 2014-06-14 04:28:04.320 Pfrac: 150.00  
 2014-06-14 04:28:04.320 VCO slope: -0.0175000  
 2014-06-14 04:28:04.320 VCO intercept: 7.1100001  
 2014-06-14 04:28:04.320 Km delta: 600.0000000  
 2014-06-14 04:28:04.320 Logical Port 4 Status  
 2014-06-14 04:28:04.320 Data Packets Sent: 6818351  
 2014-06-14 04:28:04.320 Flood Packets Sent: 0  
 2014-06-14 04:28:04.320 Packets Re-Sent: 9724  
 2014-06-14 04:28:04.320 Sequence Errors: 0  
 2014-06-14 04:28:04.320 Packet Buffer Used: 21873296  
 2014-06-14 04:28:04.320 Physical Port: Ethernet  
 2014-06-14 04:28:04.320 Baler Model: 14 Software version: 2.28  
 2014-06-14 04:28:04.320 MAC Address: 00:04:FB:00:02:EA  
 2014-06-14 04:28:04.320 Disk Size: 20000669696  
 2014-06-14 04:28:04.320 Percent of 1177 data files in use: 14.3  
 2014-06-14 04:28:04.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-14 04:28:04.320 Channel sensitivities (uV per count):  
 2014-06-14 04:28:04.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-14 04:28:04.320 Digitizer Calibration Results:  
 2014-06-14 04:28:04.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-14 04:28:04.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-14 04:28:04.320 DMU1 Software Version=10  
 2014-06-14 04:28:04.320 Supply Voltage=12.7



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2014-06-14 04:28:04.320 Supply Current=0.41  
 2014-06-14 04:28:04.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-14 04:28:04.320 WebLink Data Maps Restored  
 2014-06-14 04:28:04.320 [2014-06-13 16:27:09.999998] sequence resumes: 5926939 to 5926939  
 2014-06-14 04:28:04.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-14 04:28:03  
 2014-06-14 04:31:23.590 [2014-06-13 23:59:59.999998] Saving Configuration to Backup Memory  
 2014-06-14 04:33:35.080 [2014-06-14 04:29:17.000000] total packets received: 47096  
 2014-06-14 04:33:35.080 [2014-06-14 04:29:17.000000] command timeouts: 6  
 2014-06-14 04:33:35.080 [2014-06-14 04:29:17.000000] out of window: 77  
 2014-06-14 04:33:35.080 written: HHZ-1151 HH1-1316 HH2-1367 BDH-433 VEP-2 VEC-2 VEA-2 VKI-2 VCO-2  
 2014-06-14 04:33:35.080 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25 VMZ-2 VM1-2  
 2014-06-14 04:33:35.080 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-14 04:33:35.080 [2014-06-14 04:29:17.000000] Done: 4412 recs. seq end: 5970266. run: 325 s  
 2014-06-14 16:34:26.330  
 2014-06-14 16:34:26.330 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-14 16:34:26.330 Control Port 2491 Opened  
 2014-06-14 16:34:26.330 Baler ready on Ethernet  
 2014-06-14 16:34:26.330 Power Cycled Baler Acknowledged  
 2014-06-14 16:34:26.330 Commands Accepted by Q330  
 2014-06-14 16:34:26.330 Access timeout: 300 sec  
 2014-06-14 16:34:26.330 Control Port 4023 Opened  
 2014-06-14 16:34:26.330 Data Port 4024 Opened  
 2014-06-14 16:34:26.330 Registered with Q330  
 2014-06-14 16:34:26.330 Combination Record Received  
 2014-06-14 16:34:26.330 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-14 16:34:26.330 Link Reset, starting window sequence: 48881  
 2014-06-14 16:34:26.330 GPS Receiver ID Received  
 2014-06-14 16:34:26.330 Manufacturer's Data Received, Property Tag=2017  
 2014-06-14 16:34:26.330 Digitizer Gain & Offsets Received  
 2014-06-14 16:34:26.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4412 recs. seq end: 5970266  
 2014-06-14 16:34:26.330 Baler clock set to 2014-06-14 16:34:25  
 2014-06-14 16:34:26.330 Starting to Read DP Tokens  
 2014-06-14 16:34:26.330 DP Tokens loaded, size=1474 bytes  
 2014-06-14 16:34:26.330 webserver advertising 192.168.200.119:5380  
 2014-06-14 16:34:26.330 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-14 16:34:26.330 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-14 16:34:26.330 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-14 16:34:26.330 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-14 16:34:26.330 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-14 16:34:26.330 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-14 16:34:26.330 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-14 16:34:26.330 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-14 16:34:26.330 [2014-06-14 04:29:17.000000] continuity found: 5970266 456035357.000000 Q=100  
 2014-06-14 16:34:26.330 [2014-06-14 04:29:17.000000] restoring continuity  
 2014-06-14 16:34:26.330 Sending DT\_OPEN  
 2014-06-14 16:34:26.330 Station: XX-2017  
 2014-06-14 16:34:26.330 Q330 Serial Number: 0100000DB18FC351  
 2014-06-14 16:34:26.330 AMB Serial Number: 0100000B6909DD82  
 2014-06-14 16:34:26.330 Seismo 1 Serial Number: 0000000000000000  
 2014-06-14 16:34:26.330 Seismo 2 Serial Number: 0000000000000000  
 2014-06-14 16:34:26.330 QAPCHP 1 Serial Number: 4643206  
 2014-06-14 16:34:26.330 QAPCHP 2 Serial Number: 3743050  
 2014-06-14 16:34:26.330 KMI Property Tag Number: 2017  
 2014-06-14 16:34:26.330 System Software Version: 1.146  
 2014-06-14 16:34:26.330 Slave Processor Version: 1.11

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2014-06-14 16:34:26.330 Calibrator Type: QCAL330  
 2014-06-14 16:34:26.330 Calibrator Version: 1.8  
 2014-06-14 16:34:26.330 Auxiliary Board Type: None  
 2014-06-14 16:34:26.330 Clock Type: Motorola M12  
 2014-06-14 16:34:26.330 PLD Version: 7.9  
 2014-06-14 16:34:26.330 Total Hours: 66813.02  
 2014-06-14 16:34:26.330 Power On Hours: 31443.41  
 2014-06-14 16:34:26.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-14 16:34:26.330 Total Number of Boots: 120  
 2014-06-14 16:34:26.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-14 16:34:26.330 Total Number of Re-Syncs: 213  
 2014-06-14 16:34:26.330 Status Inputs: 00000000  
 2014-06-14 16:34:26.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-06-14 16:34:26.330 Clock Quality: 100%  
 2014-06-14 16:34:26.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-14 16:34:26.330 Clock Phase: 0 usec. max allowed=50000  
 2014-06-14 16:34:26.330 Boom positions:  
 2014-06-14 16:34:26.330 Ch1: -2 Ch2: 4 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-14 16:34:26.330 Analog Status  
 2014-06-14 16:34:26.330 Analog Positive Supply: 5.46v  
 2014-06-14 16:34:26.330 Input Voltage: 13.20V  
 2014-06-14 16:34:26.330 System Temperature: 5C  
 2014-06-14 16:34:26.330 Main Current: 62ma  
 2014-06-14 16:34:26.330 Antenna Current: 0ma  
 2014-06-14 16:34:26.330 GPS Status  
 2014-06-14 16:34:26.330 Time: 16:34:25  
 2014-06-14 16:34:26.330 Date:  
 2014-06-14 16:34:26.330 Fix Type: 1-D  
 2014-06-14 16:34:26.330 Height:  
 2014-06-14 16:34:26.330 Latitude:  
 2014-06-14 16:34:26.330 Longitude:  
 2014-06-14 16:34:26.330 On Time: 0min  
 2014-06-14 16:34:26.330 Sat. Used: 0  
 2014-06-14 16:34:26.330 In View: 0  
 2014-06-14 16:34:26.330 Checksum Errors: 0  
 2014-06-14 16:34:26.330 Last GPS timemark: 2014-06-14 16:34:24  
 2014-06-14 16:34:26.330 PLL Status  
 2014-06-14 16:34:26.330 State: Lock  
 2014-06-14 16:34:26.330 Initial VCO: 2201.806885  
 2014-06-14 16:34:26.330 Time Error: 0.000000  
 2014-06-14 16:34:26.330 RMS VCO: 0.000000  
 2014-06-14 16:34:26.330 Best VCO: 2201.76  
 2014-06-14 16:34:26.330 Seconds Since Track or Lock: 0.0  
 2014-06-14 16:34:26.330 Vco Control: 2202  
 2014-06-14 16:34:26.330 timing mode: external seascan  
 2014-06-14 16:34:26.330 tempco normal  
 2014-06-14 16:34:26.330 PLL update: 10s PLL lock criterion: 5us  
 2014-06-14 16:34:26.330 Pfrac: 150.00  
 2014-06-14 16:34:26.330 VCO slope: -0.0175000  
 2014-06-14 16:34:26.330 VCO intercept: 7.1100001  
 2014-06-14 16:34:26.330 Km delta: 600.0000000  
 2014-06-14 16:34:26.330 Logical Port 4 Status  
 2014-06-14 16:34:26.330 Data Packets Sent: 6865340  
 2014-06-14 16:34:26.330 Flood Packets Sent: 0  
 2014-06-14 16:34:26.330 Packets Re-Sent: 9818  
 2014-06-14 16:34:26.330 Sequence Errors: 0  
 2014-06-14 16:34:26.330 Packet Buffer Used: 22914904  
 2014-06-14 16:34:26.330 Physical Port: Ethernet  
 2014-06-14 16:34:26.330 Baler Model: 14 Software Version: 2.28  
 2014-06-14 16:34:26.330 MAC Address: 00:04:FB:00:02:EA  
 2014-06-14 16:34:26.330 Disk Size: 20000669696  
 2014-06-14 16:34:26.330 Percent of 1177 data files in use: 14.4  
 2014-06-14 16:34:26.330 Channels Enabled: 1234 Preamps ON channels:

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2014-06-14 16:34:26.330 Channel Sensitivities (uV per count):
2014-06-14 16:34:26.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-14 16:34:26.330 Digitizer Calibration Results:
2014-06-14 16:34:26.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-14 16:34:26.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-14 16:34:26.330 DMU1 Software Version=10
2014-06-14 16:34:26.330 Supply Voltage=12.7
2014-06-14 16:34:26.330 Supply Current=0.40
2014-06-14 16:34:26.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-14 16:34:26.330 WebLink Data Maps Restored
2014-06-14 16:34:26.330 [2014-06-14 04:29:17.000000] sequence resumes: 5970266 to
5970266
2014-06-14 16:34:26.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-06-14 16:34:25
2014-06-14 16:40:10.770 Reducing Status Polling Interval
2014-06-14 16:40:10.770 [2014-06-14 16:40:09.999998] total packets received: 52964
2014-06-14 16:40:10.770 [2014-06-14 16:40:09.999998] command timeouts: 6
2014-06-14 16:40:10.770 [2014-06-14 16:40:09.999998] out of window: 69
2014-06-14 16:40:10.770 written: HHZ-1182 HH1-1396 HH2-1523 BDH-442 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-14 16:40:10.770 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-06-14 16:40:10.770 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-14 16:40:10.770 [2014-06-14 16:40:09.999998] Done: 4684 recs. seq end:
6014119. run: 340 s
2014-06-15 04:41:03.330
2014-06-15 04:41:03.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-15 04:41:03.330 Control Port 2491 Opened
2014-06-15 04:41:03.330 Baler ready on Ethernet
2014-06-15 04:41:03.330 Power Cycled Baler Acknowledged
2014-06-15 04:41:03.330 Commands Accepted by Q330
2014-06-15 04:41:03.330 Access timeout: 300 sec
2014-06-15 04:41:03.330 Control Port 4023 Opened
2014-06-15 04:41:03.330 Data Port 4024 Opened
2014-06-15 04:41:03.330 Registered with Q330
2014-06-15 04:41:03.330 Combination Record Received
2014-06-15 04:41:03.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-15 04:41:03.330 Link Reset, starting window sequence: 36203
2014-06-15 04:41:03.330 GPS Receiver ID Received
2014-06-15 04:41:03.330 Manufacturer's Data Received, Property Tag=2017
2014-06-15 04:41:03.330 Digitizer Gain & Offsets Received
2014-06-15 04:41:03.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4684 recs.
seq end: 6014119
2014-06-15 04:41:03.330 Baler clock set to 2014-06-15 04:41:02
2014-06-15 04:41:03.330 Starting to Read DP Tokens
2014-06-15 04:41:03.330 DP Tokens loaded, size=1474 bytes
2014-06-15 04:41:03.330 webserver advertising 192.168.200.119:5380
2014-06-15 04:41:03.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-15 04:41:03.330 filters & delay HH1:2@100,Linear all=0.320000
2014-06-15 04:41:03.330 filters & delay HH2:3@100,Linear all=0.320000
2014-06-15 04:41:03.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-15 04:41:03.330 filters & delay LH1:2@1,Linear all=15.000000
2014-06-15 04:41:03.330 filters & delay LH2:3@1,Linear all=15.000000
2014-06-15 04:41:03.330 filters & delay LDH:4@1,Linear all=15.000000
2014-06-15 04:41:03.330 [2014-06-14 16:40:09.999998] continuity found: 6014119
456079210.000000 q=100
2014-06-15 04:41:03.330 [2014-06-14 16:40:09.999998] restoring continuity
2014-06-15 04:41:03.330 Sending DT_OPEN
2014-06-15 04:41:03.330 Station: XX-2017
2014-06-15 04:41:03.330 Q330 Serial Number: 0100000DB18FC351
2014-06-15 04:41:03.330 AMB Serial Number: 0100000B6909DD82
2014-06-15 04:41:03.330 Seismo 1 Serial Number: 0000000000000000
2014-06-15 04:41:03.330 Seismo 2 Serial Number: 0000000000000000

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2014-06-15 04:41:03.330 QAPCHP 1 Serial Number: 4643206  
 2014-06-15 04:41:03.330 QAPCHP 2 Serial Number: 3743050  
 2014-06-15 04:41:03.330 KMI Property Tag Number: 2017  
 2014-06-15 04:41:03.330 System Software Version: 1.146  
 2014-06-15 04:41:03.330 Slave Processor Version: 1.11  
 2014-06-15 04:41:03.330 Calibrator Type: QCAL330  
 2014-06-15 04:41:03.330 Calibrator Version: 1.8  
 2014-06-15 04:41:03.330 Auxiliary Board Type: None  
 2014-06-15 04:41:03.330 Clock Type: Motorola M12  
 2014-06-15 04:41:03.330 PLD Version: 7.9  
 2014-06-15 04:41:03.330 Total Hours: 66825.13  
 2014-06-15 04:41:03.330 Power On Hours: 31455.52  
 2014-06-15 04:41:03.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-15 04:41:03.330 Total Number of Boots: 120  
 2014-06-15 04:41:03.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-15 04:41:03.330 Total Number of Re-Syncs: 213  
 2014-06-15 04:41:03.330 Status Inputs: 00000000  
 2014-06-15 04:41:03.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-15 04:41:03.330 Clock Quality: 100%  
 2014-06-15 04:41:03.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-15 04:41:03.330 Clock Phase: 0 usec. max allowed=50000  
 2014-06-15 04:41:03.330 Boom positions:  
 2014-06-15 04:41:03.330 ch1: -2 ch2: 3 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-06-15 04:41:03.330 Analog Status  
 2014-06-15 04:41:03.330 Analog Positive Supply: 5.46V  
 2014-06-15 04:41:03.330 Input Voltage: 13.35V  
 2014-06-15 04:41:03.330 System Temperature: 5C  
 2014-06-15 04:41:03.330 Main Current: 61ma  
 2014-06-15 04:41:03.330 Antenna Current: 0ma  
 2014-06-15 04:41:03.330 GPS Status  
 2014-06-15 04:41:03.330 Time: 04:41:02  
 2014-06-15 04:41:03.330 Date:  
 2014-06-15 04:41:03.330 Fix Type: 1-D  
 2014-06-15 04:41:03.330 Height:  
 2014-06-15 04:41:03.330 Latitude:  
 2014-06-15 04:41:03.330 Longitude:  
 2014-06-15 04:41:03.330 On Time: 0min  
 2014-06-15 04:41:03.330 Sat. Used: 0  
 2014-06-15 04:41:03.330 In View: 0  
 2014-06-15 04:41:03.330 Checksum Errors: 0  
 2014-06-15 04:41:03.330 Last GPS timemark: 2014-06-15 04:41:01  
 2014-06-15 04:41:03.330 PLL Status  
 2014-06-15 04:41:03.330 State: Lock  
 2014-06-15 04:41:03.330 Initial VCO: 2201.769531  
 2014-06-15 04:41:03.330 Time Error: 0.000000  
 2014-06-15 04:41:03.330 RMS VCO: 0.0000000  
 2014-06-15 04:41:03.330 Best VCO: 2201.83  
 2014-06-15 04:41:03.330 Seconds Since Track or Lock: 0.0  
 2014-06-15 04:41:03.330 vco Control: 2202  
 2014-06-15 04:41:03.330 timing mode: external seascan  
 2014-06-15 04:41:03.330 tempco normal  
 2014-06-15 04:41:03.330 PLL update: 10s PLL lock criterion: 5us  
 2014-06-15 04:41:03.330 Pfrac: 150.00  
 2014-06-15 04:41:03.330 VCO slope: -0.0175000  
 2014-06-15 04:41:03.330 VCO intercept: 7.1100001  
 2014-06-15 04:41:03.330 km delta: 600.0000000  
 2014-06-15 04:41:03.330 Logical Port 4 Status  
 2014-06-15 04:41:03.330 Data Packets Sent: 6918204  
 2014-06-15 04:41:03.330 Flood Packets Sent: 0  
 2014-06-15 04:41:03.330 Packets Re-Sent: 9902  
 2014-06-15 04:41:03.330 Sequence Errors: 0  
 2014-06-15 04:41:03.330 Packet Buffer Used: 22018552  
 2014-06-15 04:41:03.330 Physical Port: Ethernet

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2014-06-15 04:41:03.330 Baler Model: 14 Software Version: 2.28
2014-06-15 04:41:03.330 MAC Address: 00:04:FB:00:02:EA
2014-06-15 04:41:03.330 Disk Size: 20000669696
2014-06-15 04:41:03.330 Percent of 1177 data files in use: 14.5
2014-06-15 04:41:03.330 Channels Enabled: 1234 Preamps ON channels:
2014-06-15 04:41:03.330 Channel Sensitivities (uV per count):
2014-06-15 04:41:03.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-15 04:41:03.330 Digitizer Calibration Results:
2014-06-15 04:41:03.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-15 04:41:03.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-15 04:41:03.330 DMU1 Software Version=10
2014-06-15 04:41:03.330 Supply Voltage=12.6
2014-06-15 04:41:03.330 Supply Current=0.41
2014-06-15 04:41:03.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-15 04:41:03.330 WebLink Data Maps Restored
2014-06-15 04:41:03.330 [2014-06-14 16:40:09.999998] sequence resumes: 6014119 to
6014119
2014-06-15 04:41:03.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-15 04:41:02
2014-06-15 04:44:21.890 [2014-06-15 00:00:00.000000] Saving Configuration to Backup
Memory
2014-06-15 04:46:33.160 [2014-06-15 04:46:31.999998] total packets received: 47324
2014-06-15 04:46:33.160 [2014-06-15 04:46:31.999998] command timeouts: 6
2014-06-15 04:46:33.160 [2014-06-15 04:46:31.999998] out of window: 61
2014-06-15 04:46:33.160 written: HHZ-1149 HH1-1336 HH2-1419 BDH-433 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-06-15 04:46:33.160 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-24
VMZ-1 VM1-1
2014-06-15 04:46:33.160 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-15 04:46:33.160 [2014-06-15 04:46:31.999998] Done: 4477 recs. seq end:
6057701. run: 325 s
2014-06-15 16:47:24.350
2014-06-15 16:47:24.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-15 16:47:24.350 Control Port 2491 Opened
2014-06-15 16:47:24.350 Baler ready on Ethernet
2014-06-15 16:47:24.350 Power Cycled Baler Acknowledged
2014-06-15 16:47:24.350 Commands Accepted by Q330
2014-06-15 16:47:24.350 Access timeout: 300 sec
2014-06-15 16:47:24.350 Control Port 4023 Opened
2014-06-15 16:47:24.350 Data Port 4024 Opened
2014-06-15 16:47:24.350 Registered with Q330
2014-06-15 16:47:24.350 Combination Record Received
2014-06-15 16:47:24.350 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-15 16:47:24.350 Link Reset, starting window sequence: 17895
2014-06-15 16:47:24.350 GPS Receiver ID Received
2014-06-15 16:47:24.350 Manufacturer's Data Received, Property Tag=2017
2014-06-15 16:47:24.350 Digitizer Gain & Offsets Received
2014-06-15 16:47:24.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4477 recs.
seq end: 6057701
2014-06-15 16:47:24.350 Baler clock set to 2014-06-15 16:47:23
2014-06-15 16:47:24.350 Starting to Read DP Tokens
2014-06-15 16:47:24.350 DP Tokens loaded, size=1474 bytes
2014-06-15 16:47:24.350 webserver advertising 192.168.200.119:5380
2014-06-15 16:47:24.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-15 16:47:24.350 filters & delay HH1:2@100,Linear all=0.320000
2014-06-15 16:47:24.350 filters & delay HH2:3@100,Linear all=0.320000
2014-06-15 16:47:24.350 filters & delay BDH:4@20,Linear all=1.650000
2014-06-15 16:47:24.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-15 16:47:24.350 filters & delay LH1:2@1,Linear all=15.000000
2014-06-15 16:47:24.350 filters & delay LH2:3@1,Linear all=15.000000
2014-06-15 16:47:24.350 filters & delay LDH:4@1,Linear all=15.000000
2014-06-15 16:47:24.350 [2014-06-15 04:46:31.999998] continuity found: 6057701
456122792.000000 Q=100

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2014-06-15 16:47:24.350 [2014-06-15 04:46:31.999998] restoring continuity  
 2014-06-15 16:47:24.350 Sending DT\_OPEN  
 2014-06-15 16:47:24.350 Station: XX-2017  
 2014-06-15 16:47:24.350 Q330 Serial Number: 0100000DB18FC351  
 2014-06-15 16:47:24.350 AMB Serial Number: 0100000B6909DD82  
 2014-06-15 16:47:24.350 Seismo 1 Serial Number: 0000000000000000  
 2014-06-15 16:47:24.350 Seismo 2 Serial Number: 0000000000000000  
 2014-06-15 16:47:24.350 QAPCHP 1 Serial Number: 4643206  
 2014-06-15 16:47:24.350 QAPCHP 2 Serial Number: 3743050  
 2014-06-15 16:47:24.350 KMI Property Tag Number: 2017  
 2014-06-15 16:47:24.350 System Software Version: 1.146  
 2014-06-15 16:47:24.350 Slave Processor Version: 1.11  
 2014-06-15 16:47:24.350 Calibrator Type: QCAL330  
 2014-06-15 16:47:24.350 Calibrator Version: 1.8  
 2014-06-15 16:47:24.350 Auxiliary Board Type: None  
 2014-06-15 16:47:24.350 Clock Type: Motorola M12  
 2014-06-15 16:47:24.350 PLD Version: 7.9  
 2014-06-15 16:47:24.350 Total Hours: 66837.24  
 2014-06-15 16:47:24.350 Power On Hours: 31467.62  
 2014-06-15 16:47:24.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-15 16:47:24.350 Total Number of Boots: 120  
 2014-06-15 16:47:24.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-15 16:47:24.350 Total Number of Re-Syncs: 213  
 2014-06-15 16:47:24.350 Status Inputs: 00000000  
 2014-06-15 16:47:24.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-06-15 16:47:24.350 Clock Quality: 100%  
 2014-06-15 16:47:24.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-15 16:47:24.350 Clock Phase: 1 usec. max allowed=50000  
 2014-06-15 16:47:24.350 Boom positions:  
 2014-06-15 16:47:24.350 Ch1: -2 Ch2: 3 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-15 16:47:24.350 Analog Status  
 2014-06-15 16:47:24.350 Analog Positive Supply: 5.46v  
 2014-06-15 16:47:24.350 Input Voltage: 13.35V  
 2014-06-15 16:47:24.350 System Temperature: 5C  
 2014-06-15 16:47:24.350 Main Current: 61ma  
 2014-06-15 16:47:24.350 Antenna Current: 0ma  
 2014-06-15 16:47:24.350 GPS Status  
 2014-06-15 16:47:24.350 Time: 16:47:23  
 2014-06-15 16:47:24.350 Date:  
 2014-06-15 16:47:24.350 Fix Type: 1-D  
 2014-06-15 16:47:24.350 Height:  
 2014-06-15 16:47:24.350 Latitude:  
 2014-06-15 16:47:24.350 Longitude:  
 2014-06-15 16:47:24.350 On Time: 0min  
 2014-06-15 16:47:24.350 Sat. Used: 0  
 2014-06-15 16:47:24.350 In View: 0  
 2014-06-15 16:47:24.350 Checksum Errors: 0  
 2014-06-15 16:47:24.350 Last GPS timemark: 2014-06-15 16:47:22  
 2014-06-15 16:47:24.350 PLL Status  
 2014-06-15 16:47:24.350 State: Lock  
 2014-06-15 16:47:24.350 Initial VCO: 2201.049072  
 2014-06-15 16:47:24.350 Time Error: -0.000001  
 2014-06-15 16:47:24.350 RMS VCO: 0.0000000  
 2014-06-15 16:47:24.350 Best VCO: 2201.16  
 2014-06-15 16:47:24.350 Seconds Since Track or Lock: 0.0  
 2014-06-15 16:47:24.350 Vco Control: 2201  
 2014-06-15 16:47:24.350 timing mode: external seascan  
 2014-06-15 16:47:24.350 tempco normal  
 2014-06-15 16:47:24.350 PLL update: 10s PLL lock criterion: 5us  
 2014-06-15 16:47:24.350 Pfrac: 150.00  
 2014-06-15 16:47:24.350 VCO slope: -0.0175000  
 2014-06-15 16:47:24.350 VCO intercept: 7.1100001  
 2014-06-15 16:47:24.350 km delta: 600.0000000

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2014-06-15 16:47:24.350 Logical Port 4 Status  
 2014-06-15 16:47:24.350 Data Packets Sent: 6965437  
 2014-06-15 16:47:24.350 Flood Packets Sent: 0  
 2014-06-15 16:47:24.350 Packets Re-Sent: 9978  
 2014-06-15 16:47:24.350 Sequence Errors: 0  
 2014-06-15 16:47:24.350 Packet Buffer Used: 22524476  
 2014-06-15 16:47:24.350 Physical Port: Ethernet  
 2014-06-15 16:47:24.350 Baler Model: 14 Software Version: 2.28  
 2014-06-15 16:47:24.350 MAC Address: 00:04:FB:00:02:EA  
 2014-06-15 16:47:24.350 Disk Size: 20000669696  
 2014-06-15 16:47:24.350 Percent of 1177 data files in use: 14.6  
 2014-06-15 16:47:24.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-15 16:47:24.350 Channel Sensitivities (uV per count):  
 2014-06-15 16:47:24.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-15 16:47:24.350 Digitizer Calibration Results:  
 2014-06-15 16:47:24.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-15 16:47:24.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-15 16:47:24.350 Supply Voltage=12.7  
 2014-06-15 16:47:24.350 Supply Current=0.41  
 2014-06-15 16:47:24.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-15 16:47:24.350 WebLink Data Maps Restored  
 2014-06-15 16:47:24.350 [2014-06-15 04:46:31.999998] sequence resumes: 6057701 to 6057701  
 2014-06-15 16:47:24.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-15 16:47:23  
 2014-06-15 16:53:01.920 Reducing Status Polling Interval  
 2014-06-15 16:53:01.920 [2014-06-15 16:53:01.000000] total packets received: 49262  
 2014-06-15 16:53:01.920 [2014-06-15 16:53:01.000000] command timeouts: 6  
 2014-06-15 16:53:01.920 [2014-06-15 16:53:01.000000] out of window: 68  
 2014-06-15 16:53:01.920 written: HHZ-1188 HH1-1361 HH2-1476 BDH-430 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-06-15 16:53:01.920 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-06-15 16:53:01.920 written: VM2-2 LOG-2 ACE-1 OCF-1  
 2014-06-15 16:53:01.920 [2014-06-15 16:53:01.000000] Done: 4594 recs. seq end: 6101290. run: 333 s  
 2014-06-16 04:53:54.320  
 2014-06-16 04:53:54.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-16 04:53:54.320 Control Port 2491 Opened  
 2014-06-16 04:53:54.320 Baler ready on Ethernet  
 2014-06-16 04:53:54.320 Power Cycled Baler Acknowledged  
 2014-06-16 04:53:54.320 Commands Accepted by Q330  
 2014-06-16 04:53:54.320 Access timeout: 300 sec  
 2014-06-16 04:53:54.320 Control Port 4023 Opened  
 2014-06-16 04:53:54.320 Data Port 4024 Opened  
 2014-06-16 04:53:54.320 Registered with Q330  
 2014-06-16 04:53:54.320 Combination Record Received  
 2014-06-16 04:53:54.320 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-16 04:53:54.320 Link Reset, starting window sequence: 1517  
 2014-06-16 04:53:54.320 GPS Receiver ID Received  
 2014-06-16 04:53:54.320 Manufacturer's Data Received, Property Tag=2017  
 2014-06-16 04:53:54.320 Digitizer Gain & Offsets Received  
 2014-06-16 04:53:54.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4594 recs. seq end: 6101290  
 2014-06-16 04:53:54.320 Baler clock set to 2014-06-16 04:53:53  
 2014-06-16 04:53:54.320 Starting to Read DP Tokens  
 2014-06-16 04:53:54.320 DP Tokens loaded, size=1474 bytes  
 2014-06-16 04:53:54.320 webserver advertising 192.168.200.119:5380  
 2014-06-16 04:53:54.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-16 04:53:54.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-16 04:53:54.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-16 04:53:54.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-16 04:53:54.320 filters & delay LHZ:1@1,Linear all=15.000000

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2014-06-16 04:53:54.320 filters & delay LH1:2@1,Linear all=15.000000
2014-06-16 04:53:54.320 filters & delay LH2:3@1,Linear all=15.000000
2014-06-16 04:53:54.320 filters & delay LDH:4@1,Linear all=15.000000
2014-06-16 04:53:54.320 [2014-06-15 16:53:01.000000] continuity found: 6101290
456166381.000000 Q=100
2014-06-16 04:53:54.320 [2014-06-15 16:53:01.000000] restoring continuity
2014-06-16 04:53:54.320 Sending DT_OPEN
2014-06-16 04:53:54.320 Station: XX-2017
2014-06-16 04:53:54.320 Q330 Serial Number: 0100000DB18FC351
2014-06-16 04:53:54.320 AMB Serial Number: 0100000B6909DD82
2014-06-16 04:53:54.320 Seismo 1 Serial Number: 0000000000000000
2014-06-16 04:53:54.320 Seismo 2 Serial Number: 0000000000000000
2014-06-16 04:53:54.320 QAPCHP 1 Serial Number: 4643206
2014-06-16 04:53:54.320 QAPCHP 2 Serial Number: 3743050
2014-06-16 04:53:54.320 KMI Property Tag Number: 2017
2014-06-16 04:53:54.320 System Software Version: 1.146
2014-06-16 04:53:54.320 Slave Processor Version: 1.11
2014-06-16 04:53:54.320 Calibrator Type: QCAL330
2014-06-16 04:53:54.320 Calibrator Version: 1.8
2014-06-16 04:53:54.320 Auxiliary Board Type: None
2014-06-16 04:53:54.320 Clock Type: Motorola M12
2014-06-16 04:53:54.320 PLD Version: 7.9
2014-06-16 04:53:54.320 Total Hours: 66849.35
2014-06-16 04:53:54.320 Power On Hours: 31479.73
2014-06-16 04:53:54.320 Time of Last Boot: 2014-04-06 02:03:58
2014-06-16 04:53:54.320 Total Number of Boots: 120
2014-06-16 04:53:54.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-16 04:53:54.320 Total Number of Re-Syncs: 213
2014-06-16 04:53:54.320 Status Inputs: 00000000
2014-06-16 04:53:54.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-16 04:53:54.320 Clock Quality: 100%
2014-06-16 04:53:54.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-16 04:53:54.320 Clock Phase: 0 usec. max allowed=50000
2014-06-16 04:53:54.320 Boom positions:
2014-06-16 04:53:54.320 Ch1: -2 Ch2: 1 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-16 04:53:54.320 Analog Status
2014-06-16 04:53:54.320 Analog Positive Supply: 5.46V
2014-06-16 04:53:54.320 Input Voltage: 13.35V
2014-06-16 04:53:54.320 System Temperature: 5C
2014-06-16 04:53:54.320 Main Current: 62ma
2014-06-16 04:53:54.320 Antenna Current: 0ma
2014-06-16 04:53:54.320 GPS Status
2014-06-16 04:53:54.320 Time: 04:53:52
2014-06-16 04:53:54.320 Date:
2014-06-16 04:53:54.320 Fix Type: 1-D
2014-06-16 04:53:54.320 Height:
2014-06-16 04:53:54.320 Latitude:
2014-06-16 04:53:54.320 Longitude:
2014-06-16 04:53:54.320 On Time: 0min
2014-06-16 04:53:54.320 Sat. Used: 0
2014-06-16 04:53:54.320 In View: 0
2014-06-16 04:53:54.320 Checksum Errors: 0
2014-06-16 04:53:54.320 Last GPS timemark: 2014-06-16 04:53:51
2014-06-16 04:53:54.320 PLL Status
2014-06-16 04:53:54.320 State: Lock
2014-06-16 04:53:54.320 Initial VCO: 2200.796387
2014-06-16 04:53:54.320 Time Error: 0.000000
2014-06-16 04:53:54.320 RMS VCO: 0.0000000
2014-06-16 04:53:54.320 Best VCO: 2200.70
2014-06-16 04:53:54.320 Seconds Since Track or Lock: 0.0
2014-06-16 04:53:54.320 Vco Control: 2201
2014-06-16 04:53:54.320 timing mode: external seascan
2014-06-16 04:53:54.320 tempco normal

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2014-06-16 04:53:54.320 PLL update: 10s PLL lock criterion: 5us  
 2014-06-16 04:53:54.320 Pfrac: 150.00  
 2014-06-16 04:53:54.320 VCO slope: -0.0175000  
 2014-06-16 04:53:54.320 VCO intercept: 7.1100001  
 2014-06-16 04:53:54.320 km delta: 600.0000000  
 2014-06-16 04:53:54.320 Logical Port 4 Status  
 2014-06-16 04:53:54.320 Data Packets Sent: 7014600  
 2014-06-16 04:53:54.320 Flood Packets Sent: 0  
 2014-06-16 04:53:54.320 Packets Re-Sent: 10063  
 2014-06-16 04:53:54.320 Sequence Errors: 0  
 2014-06-16 04:53:54.320 Packet Buffer Used: 21601836  
 2014-06-16 04:53:54.320 Physical Port: Ethernet  
 2014-06-16 04:53:54.320 Baler Model: 14 Software Version: 2.28  
 2014-06-16 04:53:54.320 MAC Address: 00:04:FB:00:02:EA  
 2014-06-16 04:53:54.320 Disk Size: 20000669696  
 2014-06-16 04:53:54.320 Percent of 1177 data files in use: 14.7  
 2014-06-16 04:53:54.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-16 04:53:54.320 Channel Sensitivities (uV per count):  
 2014-06-16 04:53:54.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-16 04:53:54.320 Digitizer Calibration Results:  
 2014-06-16 04:53:54.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-16 04:53:54.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-16 04:53:54.320 DMU1 Software Version=10  
 2014-06-16 04:53:54.320 Supply Voltage=12.7  
 2014-06-16 04:53:54.320 Supply Current=0.40  
 2014-06-16 04:53:54.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-16 04:53:54.320 WebLink Data Maps Restored  
 2014-06-16 04:53:54.320 [2014-06-15 16:53:01.000000] sequence resumes: 6101290 to 6101290  
 2014-06-16 04:53:54.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-16 04:53:53  
 2014-06-16 04:57:01.780 [2014-06-16 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-06-16 04:59:15.080 Reducing Status Polling Interval  
 2014-06-16 04:59:15.080 [2014-06-16 04:59:13.999998] total packets received: 44344  
 2014-06-16 04:59:15.080 [2014-06-16 04:59:13.999998] command timeouts: 6  
 2014-06-16 04:59:15.080 [2014-06-16 04:59:13.999998] out of window: 60  
 2014-06-16 04:59:15.080 written: HHZ-1138 HH1-1298 HH2-1365 BDH-428 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-06-16 04:59:15.080 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-06-16 04:59:15.080 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-16 04:59:15.080 [2014-06-16 04:59:13.999998] Done: 4371 recs. seq end: 6144863. run: 316 s  
 2014-06-16 17:00:03.360  
 2014-06-16 17:00:03.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-16 17:00:03.360 Control Port 2491 Opened  
 2014-06-16 17:00:03.360 Baler ready on Ethernet  
 2014-06-16 17:00:03.360 Power Cycled Baler Acknowledged  
 2014-06-16 17:00:03.360 Commands Accepted by Q330  
 2014-06-16 17:00:03.360 Access timeout: 300 sec  
 2014-06-16 17:00:03.360 Control Port 4023 Opened  
 2014-06-16 17:00:03.360 Data Port 4024 Opened  
 2014-06-16 17:00:03.360 Registered with Q330  
 2014-06-16 17:00:03.360 Combination Record Received  
 2014-06-16 17:00:03.360 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-16 17:00:03.360 Link Reset, starting window sequence: 45766  
 2014-06-16 17:00:03.360 GPS Receiver ID Received  
 2014-06-16 17:00:03.360 Manufacturer's Data Received, Property Tag=2017  
 2014-06-16 17:00:03.360 Digitizer Gain & Offsets Received  
 2014-06-16 17:00:03.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4371 recs. seq end: 6144863  
 2014-06-16 17:00:03.360 Baler clock set to 2014-06-16 17:00:02

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2014-06-16 17:00:03.360 Starting to Read DP Tokens
2014-06-16 17:00:03.360 DP Tokens loaded, size=1474 bytes
2014-06-16 17:00:03.360 webserver advertising 192.168.200.119:5380
2014-06-16 17:00:03.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-16 17:00:03.360 filters & delay HH1:2@100,Linear all=0.320000
2014-06-16 17:00:03.360 filters & delay HH2:3@100,Linear all=0.320000
2014-06-16 17:00:03.360 filters & delay BDH:4@20,Linear all=1.650000
2014-06-16 17:00:03.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-16 17:00:03.360 filters & delay LH1:2@1,Linear all=15.000000
2014-06-16 17:00:03.360 filters & delay LH2:3@1,Linear all=15.000000
2014-06-16 17:00:03.360 filters & delay LDH:4@1,Linear all=15.000000
2014-06-16 17:00:03.360 [2014-06-16 04:59:13.999998] continuity found: 6144863
456209954.000000 Q=100
2014-06-16 17:00:03.360 [2014-06-16 04:59:13.999998] restoring continuity
2014-06-16 17:00:03.360 Sending DT_OPEN
2014-06-16 17:00:03.360 Station: XX-2017
2014-06-16 17:00:03.360 Q330 Serial Number: 0100000DB18FC351
2014-06-16 17:00:03.360 AMB Serial Number: 0100000B6909DD82
2014-06-16 17:00:03.360 Seismo 1 Serial Number: 0000000000000000
2014-06-16 17:00:03.360 Seismo 2 Serial Number: 0000000000000000
2014-06-16 17:00:03.360 QAPCHP 1 Serial Number: 4643206
2014-06-16 17:00:03.360 QAPCHP 2 Serial Number: 3743050
2014-06-16 17:00:03.360 KMI Property Tag Number: 2017
2014-06-16 17:00:03.360 System Software Version: 1.146
2014-06-16 17:00:03.360 Slave Processor Version: 1.11
2014-06-16 17:00:03.360 Calibrator Type: QCAL330
2014-06-16 17:00:03.360 Calibrator Version: 1.8
2014-06-16 17:00:03.360 Auxiliary Board Type: None
2014-06-16 17:00:03.360 Clock Type: Motorola M12
2014-06-16 17:00:03.360 PLD Version: 7.9
2014-06-16 17:00:03.360 Total Hours: 66861.45
2014-06-16 17:00:03.360 Power On Hours: 31491.84
2014-06-16 17:00:03.360 Time of Last Boot: 2014-04-06 02:03:58
2014-06-16 17:00:03.360 Total Number of Boots: 120
2014-06-16 17:00:03.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-16 17:00:03.360 Total Number of Re-Syncs: 213
2014-06-16 17:00:03.360 Status Inputs: 00000000
2014-06-16 17:00:03.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-16 17:00:03.360 Clock Quality: 100%
2014-06-16 17:00:03.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-16 17:00:03.360 Boom positions:
2014-06-16 17:00:03.360 ch1: -2 ch2: 0 ch3: 4 ch4: 20 ch5: 20 ch6: 20
2014-06-16 17:00:03.360 Analog Status
2014-06-16 17:00:03.360 Analog Positive Supply: 5.46V
2014-06-16 17:00:03.360 Input Voltage: 13.20V
2014-06-16 17:00:03.360 System Temperature: 5C
2014-06-16 17:00:03.360 Main Current: 66ma
2014-06-16 17:00:03.360 Antenna Current: 0ma
2014-06-16 17:00:03.360 GPS Status
2014-06-16 17:00:03.360 Time: 17:00:03
2014-06-16 17:00:03.360 Date:
2014-06-16 17:00:03.360 Fix Type: 1-D
2014-06-16 17:00:03.360 Height:
2014-06-16 17:00:03.360 Latitude:
2014-06-16 17:00:03.360 Longitude:
2014-06-16 17:00:03.360 On Time: 0min
2014-06-16 17:00:03.360 Sat. Used: 0
2014-06-16 17:00:03.360 In View: 0
2014-06-16 17:00:03.360 Checksum Errors: 0
2014-06-16 17:00:03.360 Last GPS timemark: 2014-06-16 17:00:02
2014-06-16 17:00:03.360 PLL Status
2014-06-16 17:00:03.360 State: Lock
2014-06-16 17:00:03.360 Initial VCO: 2200.781494

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2014-06-16 17:00:03.360 Time Error: 0.000002
2014-06-16 17:00:03.360 RMS VCO: 0.0000000
2014-06-16 17:00:03.360 Best VCO: 2200.44
2014-06-16 17:00:03.360 Seconds Since Track or Lock: 0.0
2014-06-16 17:00:03.360 Vco Control: 2200
2014-06-16 17:00:03.360 timing mode: external seascan
2014-06-16 17:00:03.360 tempco normal
2014-06-16 17:00:03.360 PLL update: 10s PLL lock criterion: 5us
2014-06-16 17:00:03.360 Pfrac: 150.00
2014-06-16 17:00:03.360 VCO slope: -0.0175000
2014-06-16 17:00:03.360 VCO intercept: 7.1100001
2014-06-16 17:00:03.360 km delta: 600.0000000
2014-06-16 17:00:03.360 Logical Port 4 Status
2014-06-16 17:00:03.360 Data Packets Sent: 7058854
2014-06-16 17:00:03.360 Flood Packets Sent: 0
2014-06-16 17:00:03.360 Packets Re-Sent: 10134
2014-06-16 17:00:03.360 Sequence Errors: 0
2014-06-16 17:00:03.360 Packet Buffer Used: 22010896
2014-06-16 17:00:03.360 Physical Port: Ethernet
2014-06-16 17:00:03.360 Baler Model: 14 Software Version: 2.28
2014-06-16 17:00:03.360 MAC Address: 00:04:FB:00:02:EA
2014-06-16 17:00:03.360 Disk Size: 20000669696
2014-06-16 17:00:03.360 Percent of 1177 data files in use: 14.8
2014-06-16 17:00:03.360 Channels Enabled: 1234 Preamps ON channels:
2014-06-16 17:00:03.360 Channel Sensitivities (uV per count):
2014-06-16 17:00:03.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-16 17:00:03.360 Digitizer Calibration Results:
2014-06-16 17:00:03.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-16 17:00:03.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-16 17:00:03.360 DMU1 Software Version=10
2014-06-16 17:00:03.360 Supply Voltage=12.7
2014-06-16 17:00:03.360 Supply Current=0.41
2014-06-16 17:00:03.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-16 17:00:03.360 WebLink Data Maps Restored
2014-06-16 17:00:03.360 [2014-06-16 04:59:13.999998] sequence resumes: 6144863 to
6144863
2014-06-16 17:00:03.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-06-16 17:00:02
2014-06-16 17:05:32.860 [2014-06-16 17:00:46.000000] total packets received: 47356
2014-06-16 17:05:32.860 [2014-06-16 17:00:46.000000] command timeouts: 6
2014-06-16 17:05:32.860 [2014-06-16 17:00:46.000000] out of window: 70
2014-06-16 17:05:32.860 written: HHZ-1194 HH1-1342 HH2-1355 BDH-412 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-06-16 17:05:32.860 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-06-16 17:05:32.860 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-16 17:05:32.860 [2014-06-16 17:00:46.000000] Done: 4438 recs. seq end:
6188155. run: 325 s
2014-06-17 05:06:26.410
2014-06-17 05:06:26.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-17 05:06:26.410 Control Port 2491 Opened
2014-06-17 05:06:26.410 Baler ready on Ethernet
2014-06-17 05:06:26.410 Power Cycled Baler Acknowledged
2014-06-17 05:06:26.410 Commands Accepted by Q330
2014-06-17 05:06:26.410 Access timeout: 300 sec
2014-06-17 05:06:26.410 Control Port 4023 Opened
2014-06-17 05:06:26.410 Data Port 4024 Opened
2014-06-17 05:06:26.410 Registered with Q330
2014-06-17 05:06:26.410 Combination Record Received
2014-06-17 05:06:26.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-17 05:06:26.410 Link Reset, starting window sequence: 27481
2014-06-17 05:06:26.410 GPS Receiver ID Received
2014-06-17 05:06:26.410 Manufacturer's Data Received, Property Tag=2017

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2014-06-17 05:06:26.410 Digitizer Gain & Offsets Received
2014-06-17 05:06:26.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4438 recs.
seq end: 6188155
2014-06-17 05:06:26.410 Baler clock set to 2014-06-17 05:06:25
2014-06-17 05:06:26.410 Starting to Read DP Tokens
2014-06-17 05:06:26.410 DP Tokens loaded, size=1474 bytes
2014-06-17 05:06:26.410 webserver advertising 192.168.200.119:5380
2014-06-17 05:06:26.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-17 05:06:26.410 filters & delay HH1:2@100,Linear all=0.320000
2014-06-17 05:06:26.410 filters & delay HH2:3@100,Linear all=0.320000
2014-06-17 05:06:26.410 filters & delay BDH:4@20,Linear all=1.650000
2014-06-17 05:06:26.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-17 05:06:26.410 filters & delay LH1:2@1,Linear all=15.000000
2014-06-17 05:06:26.410 filters & delay LH2:3@1,Linear all=15.000000
2014-06-17 05:06:26.410 filters & delay LDH:4@1,Linear all=15.000000
2014-06-17 05:06:26.410 [2014-06-16 17:00:46.000000] continuity found: 6188155
456253246.000000 Q=100
2014-06-17 05:06:26.410 [2014-06-16 17:00:46.000000] restoring continuity
2014-06-17 05:06:26.410 Sending DT_OPEN
2014-06-17 05:06:26.410 Station: XX-2017
2014-06-17 05:06:26.410 Q330 Serial Number: 0100000DB18FC351
2014-06-17 05:06:26.410 AMB Serial Number: 0100000B6909DD82
2014-06-17 05:06:26.410 Seismo 1 Serial Number: 0000000000000000
2014-06-17 05:06:26.410 Seismo 2 Serial Number: 0000000000000000
2014-06-17 05:06:26.410 QAPCHP 1 Serial Number: 4643206
2014-06-17 05:06:26.410 QAPCHP 2 Serial Number: 3743050
2014-06-17 05:06:26.410 KMI Property Tag Number: 2017
2014-06-17 05:06:26.410 System Software Version: 1.146
2014-06-17 05:06:26.410 Slave Processor Version: 1.11
2014-06-17 05:06:26.410 Calibrator Type: QCAL330
2014-06-17 05:06:26.410 Calibrator Version: 1.8
2014-06-17 05:06:26.410 Auxiliary Board Type: None
2014-06-17 05:06:26.410 Clock Type: Motorola M12
2014-06-17 05:06:26.410 PLD Version: 7.9
2014-06-17 05:06:26.410 Total Hours: 66873.56
2014-06-17 05:06:26.410 Power On Hours: 31503.94
2014-06-17 05:06:26.410 Time of Last Boot: 2014-04-06 02:03:58
2014-06-17 05:06:26.410 Total Number of Boots: 120
2014-06-17 05:06:26.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-17 05:06:26.410 Total Number of Re-Syncs: 213
2014-06-17 05:06:26.410 Status Inputs: 00000000
2014-06-17 05:06:26.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-17 05:06:26.410 Clock Quality: 100%
2014-06-17 05:06:26.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-17 05:06:26.410 Clock Phase: 0 usec. max allowed=50000
2014-06-17 05:06:26.410 Boom positions:
2014-06-17 05:06:26.410 Ch1: -2 Ch2: -1 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-17 05:06:26.410 Analog Status
2014-06-17 05:06:26.410 Analog Positive Supply: 5.46v
2014-06-17 05:06:26.410 Input Voltage: 13.20v
2014-06-17 05:06:26.410 System Temperature: 5C
2014-06-17 05:06:26.410 Main Current: 61ma
2014-06-17 05:06:26.410 Antenna Current: 0ma
2014-06-17 05:06:26.410 GPS Status
2014-06-17 05:06:26.410 Time: 05:06:25
2014-06-17 05:06:26.410 Date:
2014-06-17 05:06:26.410 Fix Type: 1-D
2014-06-17 05:06:26.410 Height:
2014-06-17 05:06:26.410 Latitude:
2014-06-17 05:06:26.410 Longitude:
2014-06-17 05:06:26.410 On Time: 0min
2014-06-17 05:06:26.410 Sat. Used: 0
2014-06-17 05:06:26.410 In View: 0

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2014-06-17 05:06:26.410 Checksum Errors: 0
2014-06-17 05:06:26.410 Last GPS timemark: 2014-06-17 05:06:24
2014-06-17 05:06:26.410 PLL Status
2014-06-17 05:06:26.410 State: Lock
2014-06-17 05:06:26.410 Initial VCO: 2200.996094
2014-06-17 05:06:26.410 Time Error: 0.000000
2014-06-17 05:06:26.410 RMS VCO: 0.0000000
2014-06-17 05:06:26.410 Best VCO: 2201.00
2014-06-17 05:06:26.410 Seconds Since Track or Lock: 0.0
2014-06-17 05:06:26.410 Vco Control: 2201
2014-06-17 05:06:26.410 timing mode: external seascan
2014-06-17 05:06:26.410 tempco normal
2014-06-17 05:06:26.410 PLL update: 10s PLL lock criterion: 5us
2014-06-17 05:06:26.410 Pfrac: 150.00
2014-06-17 05:06:26.410 VCO slope: -0.0175000
2014-06-17 05:06:26.410 VCO intercept: 7.1100001
2014-06-17 05:06:26.410 km delta: 600.0000000
2014-06-17 05:06:26.410 Logical Port 4 Status
2014-06-17 05:06:26.410 Data Packets Sent: 7106110
2014-06-17 05:06:26.410 Flood Packets Sent: 0
2014-06-17 05:06:26.410 Packets Re-Sent: 10219
2014-06-17 05:06:26.410 Sequence Errors: 0
2014-06-17 05:06:26.410 Packet Buffer Used: 21498372
2014-06-17 05:06:26.410 Physical Port: Ethernet
2014-06-17 05:06:26.410 Baler Model: 14 Software Version: 2.28
2014-06-17 05:06:26.410 MAC Address: 00:04:FB:00:02:EA
2014-06-17 05:06:26.410 Disk Size: 20000669696
2014-06-17 05:06:26.410 Percent of 1177 data files in use: 14.8
2014-06-17 05:06:26.410 Channels Enabled: 1234 Preamps ON channels:
2014-06-17 05:06:26.410 Channel Sensitivities (uV per count):
2014-06-17 05:06:26.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-17 05:06:26.410 Digitizer Calibration Results:
2014-06-17 05:06:26.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-17 05:06:26.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-17 05:06:26.410 DMU1 Software Version=10
2014-06-17 05:06:26.410 Supply Voltage=12.7
2014-06-17 05:06:26.410 Supply Current=0.41
2014-06-17 05:06:26.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-17 05:06:26.410 WebLink Data Maps Restored
2014-06-17 05:06:26.410 [2014-06-16 17:00:46.000000] sequence resumes: 6188155 to
6188155
2014-06-17 05:06:26.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-17 05:06:25
2014-06-17 05:09:35.360 [2014-06-17 00:00:00.000000] Saving Configuration to Backup
Memory
2014-06-17 05:11:52.950 Reducing Status Polling Interval
2014-06-17 05:11:52.950 [2014-06-17 05:11:52.000000] total packets received: 44784
2014-06-17 05:11:52.950 [2014-06-17 05:11:52.000000] command timeouts: 6
2014-06-17 05:11:52.950 [2014-06-17 05:11:52.000000] out of window: 70
2014-06-17 05:11:52.950 written: HHZ-1135 HH1-1323 HH2-1350 BDH-401 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-17 05:11:52.950 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-17 05:11:52.950 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-17 05:11:52.950 [2014-06-17 05:11:52.000000] Done: 4348 recs. seq end:
6232021. run: 321 s
2014-06-17 17:12:45.340
2014-06-17 17:12:45.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-17 17:12:45.340 Control Port 2491 Opened
2014-06-17 17:12:45.340 Baler ready on Ethernet
2014-06-17 17:12:45.340 Power Cycled Baler Acknowledged
2014-06-17 17:12:45.340 Commands Accepted by Q330
2014-06-17 17:12:45.340 Access timeout: 300 sec

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2014-06-17 17:12:45.340 Control Port 4023 Opened
2014-06-17 17:12:45.340 Data Port 4024 Opened
2014-06-17 17:12:45.340 Registered with Q330
2014-06-17 17:12:45.340 Combination Record Received
2014-06-17 17:12:45.340 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-17 17:12:45.340 Link Reset, starting window sequence: 6624
2014-06-17 17:12:45.340 GPS Receiver ID Received
2014-06-17 17:12:45.340 Manufacturer's Data Received, Property Tag=2017
2014-06-17 17:12:45.340 Msg From 192.168.200.119: Baler XX-2017 readback. 4348 recs.
seq end: 6232021
2014-06-17 17:12:45.340 Baler clock set to 2014-06-17 17:12:44
2014-06-17 17:12:45.340 Starting to Read DP Tokens
2014-06-17 17:12:45.340 DP Tokens loaded, size=1474 bytes
2014-06-17 17:12:45.340 Webserver advertising 192.168.200.119:5380
2014-06-17 17:12:45.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-17 17:12:45.340 filters & delay HH1:2@100,Linear all=0.320000
2014-06-17 17:12:45.340 filters & delay HH2:3@100,Linear all=0.320000
2014-06-17 17:12:45.340 filters & delay BDH:4@20,Linear all=1.650000
2014-06-17 17:12:45.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-17 17:12:45.340 filters & delay LH1:2@1,Linear all=15.000000
2014-06-17 17:12:45.340 filters & delay LH2:3@1,Linear all=15.000000
2014-06-17 17:12:45.340 filters & delay LDH:4@1,Linear all=15.000000
2014-06-17 17:12:45.340 [2014-06-17 05:11:52.000000] continuity found: 6232021
456297112.000000 Q=100
2014-06-17 17:12:45.340 [2014-06-17 05:11:52.000000] restoring continuity
2014-06-17 17:12:45.340 Sending DT_OPEN
2014-06-17 17:12:45.340 Station: XX-2017
2014-06-17 17:12:45.340 Q330 Serial Number: 0100000DB18FC351
2014-06-17 17:12:45.340 AMB Serial Number: 0100000B6909DD82
2014-06-17 17:12:45.340 Seismo 1 Serial Number: 0000000000000000
2014-06-17 17:12:45.340 Seismo 2 Serial Number: 0000000000000000
2014-06-17 17:12:45.340 QAPCHP 1 Serial Number: 4643206
2014-06-17 17:12:45.340 QAPCHP 2 Serial Number: 3743050
2014-06-17 17:12:45.340 KMI Property Tag Number: 2017
2014-06-17 17:12:45.340 System Software Version: 1.146
2014-06-17 17:12:45.340 Slave Processor Version: 1.11
2014-06-17 17:12:45.340 Calibrator Type: QCAL330
2014-06-17 17:12:45.340 Calibrator Version: 1.8
2014-06-17 17:12:45.340 Auxiliary Board Type: None
2014-06-17 17:12:45.340 Clock Type: Motorola M12
2014-06-17 17:12:45.340 PLD Version: 7.9
2014-06-17 17:12:45.340 Total Hours: 66885.66
2014-06-17 17:12:45.340 Power On Hours: 31516.05
2014-06-17 17:12:45.340 Time of Last Boot: 2014-04-06 02:03:58
2014-06-17 17:12:45.340 Total Number of Boots: 120
2014-06-17 17:12:45.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-17 17:12:45.340 Total Number of Re-Syncs: 213
2014-06-17 17:12:45.340 Status Inputs: 00000000
2014-06-17 17:12:45.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-17 17:12:45.340 Clock Quality: 100%
2014-06-17 17:12:45.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-17 17:12:45.340 Clock Phase: 0 usec. max allowed=50000
2014-06-17 17:12:45.340 Boom positions:
2014-06-17 17:12:45.340 Ch1: -2 Ch2: 1 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-17 17:12:45.340 Analog Status
2014-06-17 17:12:45.340 Analog Positive Supply: 5.46V
2014-06-17 17:12:45.340 Input Voltage: 13.20V
2014-06-17 17:12:45.340 System Temperature: 5C
2014-06-17 17:12:45.340 Main Current: 62ma
2014-06-17 17:12:45.340 Antenna Current: 0ma
2014-06-17 17:12:45.340 GPS Status
2014-06-17 17:12:45.340 Time: 17:12:44
2014-06-17 17:12:45.340 Date:

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2014-06-17 17:12:45.340 Fix Type: 1-D  
 2014-06-17 17:12:45.340 Height:  
 2014-06-17 17:12:45.340 Latitude:  
 2014-06-17 17:12:45.340 Longitude:  
 2014-06-17 17:12:45.340 On Time: 0min  
 2014-06-17 17:12:45.340 Sat. Used: 0  
 2014-06-17 17:12:45.340 In View: 0  
 2014-06-17 17:12:45.340 Checksum Errors: 0  
 2014-06-17 17:12:45.340 Last GPS timemark: 2014-06-17 17:12:43  
 2014-06-17 17:12:45.340 PLL Status  
 2014-06-17 17:12:45.340 State: Lock  
 2014-06-17 17:12:45.340 Initial VCO: 2200.602051  
 2014-06-17 17:12:45.340 Time Error: 0.000000  
 2014-06-17 17:12:45.340 RMS VCO: 0.000000  
 2014-06-17 17:12:45.340 Best VCO: 2200.70  
 2014-06-17 17:12:45.340 Seconds Since Track or Lock: 0.0  
 2014-06-17 17:12:45.340 Vco Control: 2200  
 2014-06-17 17:12:45.340 timing mode: external seascan  
 2014-06-17 17:12:45.340 tempco normal  
 2014-06-17 17:12:45.340 PLL update: 10s PLL lock criterion: 5us  
 2014-06-17 17:12:45.340 Pfrac: 150.00  
 2014-06-17 17:12:45.340 VCO slope: -0.0175000  
 2014-06-17 17:12:45.340 VCO intercept: 7.1100001  
 2014-06-17 17:12:45.340 km delta: 600.0000000  
 2014-06-17 17:12:45.340 Logical Port 4 Status  
 2014-06-17 17:12:45.340 Data Packets Sent: 7150794  
 2014-06-17 17:12:45.340 Flood Packets Sent: 0  
 2014-06-17 17:12:45.340 Packets Re-Sent: 10303  
 2014-06-17 17:12:45.340 Sequence Errors: 0  
 2014-06-17 17:12:45.340 Packet Buffer Used: 20840160  
 2014-06-17 17:12:45.340 Physical Port: Ethernet  
 2014-06-17 17:12:45.340 Baler Model: 14 Software Version: 2.28  
 2014-06-17 17:12:45.340 MAC Address: 00:04:FB:00:02:EA  
 2014-06-17 17:12:45.340 Disk Size: 20000669696  
 2014-06-17 17:12:45.340 Percent of 1177 data files in use: 14.9  
 2014-06-17 17:12:45.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-17 17:12:45.340 Channel Sensitivities (uV per count):  
 2014-06-17 17:12:45.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-17 17:12:45.340 Digitizer Calibration Results:  
 2014-06-17 17:12:45.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-17 17:12:45.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-17 17:12:45.340 DMU1 Software Version=10  
 2014-06-17 17:12:45.340 Supply Voltage=12.8  
 2014-06-17 17:12:45.340 Supply Current=0.41  
 2014-06-17 17:12:45.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-17 17:12:45.340 WebLink Data Maps Restored  
 2014-06-17 17:12:45.340 [2014-06-17 05:11:52.000000] sequence resumes: 6232021 to  
 6232021  
 2014-06-17 17:12:45.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-17 17:12:44  
 2014-06-17 17:17:54.190 [2014-06-17 17:12:49.000000] total packets received: 43735  
 2014-06-17 17:17:54.190 [2014-06-17 17:12:49.000000] command timeouts: 6  
 2014-06-17 17:17:54.190 [2014-06-17 17:12:49.000000] out of window: 56  
 2014-06-17 17:17:54.190 written: HHZ-1089 HH1-1279 HH2-1260 BDH-398 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-06-17 17:17:54.190 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-23 LDH-24  
 VMZ-2 VM1-2  
 2014-06-17 17:17:54.190 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-06-17 17:17:54.190 [2014-06-17 17:12:49.000000] Done: 4163 recs. seq end:  
 6275278. run: 305 s  
 2014-06-18 05:18:48.350  
 2014-06-18 05:18:48.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-18 05:18:48.350 Control Port 2491 Opened

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2014-06-18 05:18:48.350 Baler ready on Ethernet
2014-06-18 05:18:48.350 Power Cycled Baler Acknowledged
2014-06-18 05:18:48.350 Commands Accepted by Q330
2014-06-18 05:18:48.350 Access timeout: 300 sec
2014-06-18 05:18:48.350 Control Port 4023 Opened
2014-06-18 05:18:48.350 Data Port 4024 Opened
2014-06-18 05:18:48.350 Registered with Q330
2014-06-18 05:18:48.350 Combination Record Received
2014-06-18 05:18:48.350 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-18 05:18:48.350 Link Reset, starting window sequence: 50269
2014-06-18 05:18:48.350 GPS Receiver ID Received
2014-06-18 05:18:48.350 Manufacturer's Data Received, Property Tag=2017
2014-06-18 05:18:48.350 Digitizer Gain & Offsets Received
2014-06-18 05:18:48.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4163 recs.
seq end: 6275278
2014-06-18 05:18:48.350 Baler clock set to 2014-06-18 05:18:47
2014-06-18 05:18:48.350 Starting to Read DP Tokens
2014-06-18 05:18:48.350 DP Tokens loaded, size=1474 bytes
2014-06-18 05:18:48.350 webserver advertising 192.168.200.119:5380
2014-06-18 05:18:48.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-18 05:18:48.350 filters & delay HH1:2@100,Linear all=0.320000
2014-06-18 05:18:48.350 filters & delay HH2:3@100,Linear all=0.320000
2014-06-18 05:18:48.350 filters & delay BDH:4@20,Linear all=1.650000
2014-06-18 05:18:48.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-18 05:18:48.350 filters & delay LH1:2@1,Linear all=15.000000
2014-06-18 05:18:48.350 filters & delay LH2:3@1,Linear all=15.000000
2014-06-18 05:18:48.350 filters & delay LDH:4@1,Linear all=15.000000
2014-06-18 05:18:48.350 [2014-06-17 17:12:49.000000] continuity found: 6275278
456340369.000000 Q=100
2014-06-18 05:18:48.350 [2014-06-17 17:12:49.000000] restoring continuity
2014-06-18 05:18:48.350 Sending DT_OPEN
2014-06-18 05:18:48.350 Station: XX-2017
2014-06-18 05:18:48.350 Q330 Serial Number: 0100000DB18FC351
2014-06-18 05:18:48.350 AMB Serial Number: 0100000B6909DD82
2014-06-18 05:18:48.350 Seismo 1 Serial Number: 0000000000000000
2014-06-18 05:18:48.350 Seismo 2 Serial Number: 0000000000000000
2014-06-18 05:18:48.350 QAPCHP 1 Serial Number: 4643206
2014-06-18 05:18:48.350 QAPCHP 2 Serial Number: 3743050
2014-06-18 05:18:48.350 KMI Property Tag Number: 2017
2014-06-18 05:18:48.350 System Software Version: 1.146
2014-06-18 05:18:48.350 Slave Processor Version: 1.11
2014-06-18 05:18:48.350 Calibrator Type: QCAL330
2014-06-18 05:18:48.350 Calibrator Version: 1.8
2014-06-18 05:18:48.350 Auxiliary Board Type: None
2014-06-18 05:18:48.350 Clock Type: Motorola M12
2014-06-18 05:18:48.350 PLD Version: 7.9
2014-06-18 05:18:48.350 Total Hours: 66897.76
2014-06-18 05:18:48.350 Power On Hours: 31528.15
2014-06-18 05:18:48.350 Time of Last Boot: 2014-04-06 02:03:58
2014-06-18 05:18:48.350 Total Number of Boots: 120
2014-06-18 05:18:48.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-18 05:18:48.350 Total Number of Re-Syncs: 213
2014-06-18 05:18:48.350 Status Inputs: 00000000
2014-06-18 05:18:48.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-18 05:18:48.350 Clock Quality: 100%
2014-06-18 05:18:48.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-18 05:18:48.350 Clock Phase: 0 usec. max allowed=50000
2014-06-18 05:18:48.350 Boom positions:
2014-06-18 05:18:48.350 Ch1: -2 Ch2: 1 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-18 05:18:48.350 Analog Status
2014-06-18 05:18:48.350 Analog Positive Supply: 5.46v
2014-06-18 05:18:48.350 Input Voltage: 13.20v
2014-06-18 05:18:48.350 System Temperature: 5C

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2014-06-18 05:18:48.350 Main Current: 62ma  
 2014-06-18 05:18:48.350 Antenna Current: 0ma  
 2014-06-18 05:18:48.350 GPS Status  
 2014-06-18 05:18:48.350 Time: 05:18:46  
 2014-06-18 05:18:48.350 Date:  
 2014-06-18 05:18:48.350 Fix Type: 1-D  
 2014-06-18 05:18:48.350 Height:  
 2014-06-18 05:18:48.350 Latitude:  
 2014-06-18 05:18:48.350 Longitude:  
 2014-06-18 05:18:48.350 On Time: 0min  
 2014-06-18 05:18:48.350 Sat. Used: 0  
 2014-06-18 05:18:48.350 In View: 0  
 2014-06-18 05:18:48.350 Checksum Errors: 0  
 2014-06-18 05:18:48.350 Last GPS timemark: 2014-06-18 05:18:45  
 2014-06-18 05:18:48.350 PLL Status  
 2014-06-18 05:18:48.350 State: Lock  
 2014-06-18 05:18:48.350 Initial VCO: 2200.798096  
 2014-06-18 05:18:48.350 Time Error: 0.000002  
 2014-06-18 05:18:48.350 RMS VCO: 0.0000000  
 2014-06-18 05:18:48.350 Best VCO: 2200.57  
 2014-06-18 05:18:48.350 Seconds Since Track or Lock: 0.0  
 2014-06-18 05:18:48.350 Vco Control: 2201  
 2014-06-18 05:18:48.350 timing mode: external seascan  
 2014-06-18 05:18:48.350 tempco normal  
 2014-06-18 05:18:48.350 PLL update: 10s PLL lock criterion: 5us  
 2014-06-18 05:18:48.350 Pfrac: 150.00  
 2014-06-18 05:18:48.350 VCO slope: -0.0175000  
 2014-06-18 05:18:48.350 VCO intercept: 7.1100001  
 2014-06-18 05:18:48.350 Km delta: 600.0000000  
 2014-06-18 05:18:48.350 Logical Port 4 Status  
 2014-06-18 05:18:48.350 Data Packets Sent: 7194444  
 2014-06-18 05:18:48.350 Flood Packets Sent: 0  
 2014-06-18 05:18:48.350 Packets Re-Sent: 10378  
 2014-06-18 05:18:48.350 Sequence Errors: 0  
 2014-06-18 05:18:48.350 Packet Buffer Used: 20826548  
 2014-06-18 05:18:48.350 Physical Port: Ethernet  
 2014-06-18 05:18:48.350 Baler Model: 14 Software Version: 2.28  
 2014-06-18 05:18:48.350 Disk Size: 20000669696  
 2014-06-18 05:18:48.350 Percent of 1177 data files in use: 15.0  
 2014-06-18 05:18:48.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-18 05:18:48.350 Channel Sensitivities (uV per count):  
 2014-06-18 05:18:48.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-18 05:18:48.350 Digitizer Calibration Results:  
 2014-06-18 05:18:48.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-18 05:18:48.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-18 05:18:48.350 DMU1 Software Version=10  
 2014-06-18 05:18:48.350 Supply Voltage=12.8  
 2014-06-18 05:18:48.350 Supply Current=0.40  
 2014-06-18 05:18:48.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-18 05:18:48.350 WebLink Data Maps Restored  
 2014-06-18 05:18:48.350 [2014-06-17 17:12:49.000000] sequence resumes: 6275278 to 6275278  
 2014-06-18 05:18:48.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-18 05:18:47  
 2014-06-18 05:21:41.800 [2014-06-18 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-06-18 05:23:57.690 [2014-06-18 05:14:34.000000] total packets received: 43591  
 2014-06-18 05:23:57.690 [2014-06-18 05:14:34.000000] command timeouts: 6  
 2014-06-18 05:23:57.690 [2014-06-18 05:14:34.000000] out of window: 51  
 2014-06-18 05:23:57.690 written: HHZ-1090 HH1-1235 HH2-1260 BDH-402 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-06-18 05:23:57.690 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-19 LH1-23 LH2-23 LDH-24  
 VMZ-1 VM1-1

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2014-06-18 05:23:57.690 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-18 05:23:57.690 [2014-06-18 05:14:34.000000] Done: 4116 recs. seq end:
6318583. run: 305 s
2014-06-18 17:24:46.350
2014-06-18 17:24:46.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-18 17:24:46.350 Control Port 2491 Opened
2014-06-18 17:24:46.350 Baler ready on Ethernet
2014-06-18 17:24:46.350 Power Cycled Baler Acknowledged
2014-06-18 17:24:46.350 Commands Accepted by Q330
2014-06-18 17:24:46.350 Access timeout: 300 sec
2014-06-18 17:24:46.350 Control Port 4023 Opened
2014-06-18 17:24:46.350 Data Port 4024 Opened
2014-06-18 17:24:46.350 Registered with Q330
2014-06-18 17:24:46.350 Combination Record Received
2014-06-18 17:24:46.350 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-18 17:24:46.350 Link Reset, starting window sequence: 28239
2014-06-18 17:24:46.350 GPS Receiver ID Received
2014-06-18 17:24:46.350 Manufacturer's Data Received, Property Tag=2017
2014-06-18 17:24:46.350 Digitizer Gain & Offsets Received
2014-06-18 17:24:46.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4116 recs.
seq end: 6318583
2014-06-18 17:24:46.350 Baler clock set to 2014-06-18 17:24:45
2014-06-18 17:24:46.350 Starting to Read DP Tokens
2014-06-18 17:24:46.350 DP Tokens loaded, size=1474 bytes
2014-06-18 17:24:46.350 webserver advertising 192.168.200.119:5380
2014-06-18 17:24:46.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-18 17:24:46.350 filters & delay HH1:2@100,Linear all=0.320000
2014-06-18 17:24:46.350 filters & delay HH2:3@100,Linear all=0.320000
2014-06-18 17:24:46.350 filters & delay BDH:4@20,Linear all=1.650000
2014-06-18 17:24:46.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-18 17:24:46.350 filters & delay LH1:2@1,Linear all=15.000000
2014-06-18 17:24:46.350 filters & delay LH2:3@1,Linear all=15.000000
2014-06-18 17:24:46.350 filters & delay LDH:4@1,Linear all=15.000000
2014-06-18 17:24:46.350 [2014-06-18 05:14:34.000000] continuity found: 6318583
456383674.000000 Q=100
2014-06-18 17:24:46.350 [2014-06-18 05:14:34.000000] restoring continuity
2014-06-18 17:24:46.350 Sending DT_OPEN
2014-06-18 17:24:46.350 Station: XX-2017
2014-06-18 17:24:46.350 Q330 Serial Number: 0100000DB18FC351
2014-06-18 17:24:46.350 AMB Serial Number: 0100000B6909DD82
2014-06-18 17:24:46.350 Seismo 1 Serial Number: 0000000000000000
2014-06-18 17:24:46.350 Seismo 2 Serial Number: 0000000000000000
2014-06-18 17:24:46.350 QAPCHP 1 Serial Number: 4643206
2014-06-18 17:24:46.350 QAPCHP 2 Serial Number: 3743050
2014-06-18 17:24:46.350 KMI Property Tag Number: 2017
2014-06-18 17:24:46.350 System Software Version: 1.146
2014-06-18 17:24:46.350 Slave Processor Version: 1.11
2014-06-18 17:24:46.350 Calibrator Type: QCAL330
2014-06-18 17:24:46.350 Calibrator Version: 1.8
2014-06-18 17:24:46.350 Auxiliary Board Type: None
2014-06-18 17:24:46.350 Clock Type: Motorola M12
2014-06-18 17:24:46.350 PLD Version: 7.9
2014-06-18 17:24:46.350 Total Hours: 66909.86
2014-06-18 17:24:46.350 Power On Hours: 31540.25
2014-06-18 17:24:46.350 Time of Last Boot: 2014-04-06 02:03:58
2014-06-18 17:24:46.350 Total Number of Boots: 120
2014-06-18 17:24:46.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-18 17:24:46.350 Total Number of Re-Syncs: 213
2014-06-18 17:24:46.350 Status Inputs: 00000000
2014-06-18 17:24:46.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-18 17:24:46.350 Clock Quality: 100%
2014-06-18 17:24:46.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-18 17:24:46.350 Clock Phase: 1 usec. max allowed=50000

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2014-06-18 17:24:46.350 Boom positions:  
 2014-06-18 17:24:46.350 Ch1: -2 Ch2: -1 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-18 17:24:46.350 Analog Status  
 2014-06-18 17:24:46.350 Analog Positive Supply: 5.44V  
 2014-06-18 17:24:46.350 Input Voltage: 13.20V  
 2014-06-18 17:24:46.350 System Temperature: 5C  
 2014-06-18 17:24:46.350 Main Current: 62ma  
 2014-06-18 17:24:46.350 Antenna Current: 0ma  
 2014-06-18 17:24:46.350 GPS Status  
 2014-06-18 17:24:46.350 Time: 17:24:45  
 2014-06-18 17:24:46.350 Date:  
 2014-06-18 17:24:46.350 Fix Type: 1-D  
 2014-06-18 17:24:46.350 Height:  
 2014-06-18 17:24:46.350 Latitude:  
 2014-06-18 17:24:46.350 Longitude:  
 2014-06-18 17:24:46.350 On Time: 0min  
 2014-06-18 17:24:46.350 Sat. Used: 0  
 2014-06-18 17:24:46.350 In View: 0  
 2014-06-18 17:24:46.350 Checksum Errors: 0  
 2014-06-18 17:24:46.350 Last GPS timemark: 2014-06-18 17:24:44  
 2014-06-18 17:24:46.350 PLL Status  
 2014-06-18 17:24:46.350 State: Lock  
 2014-06-18 17:24:46.350 Initial VCO: 2200.054688  
 2014-06-18 17:24:46.350 Time Error: 0.000000  
 2014-06-18 17:24:46.350 RMS VCO: 0.000000  
 2014-06-18 17:24:46.350 Best VCO: 2200.04  
 2014-06-18 17:24:46.350 Seconds Since Track or Lock: 0.0  
 2014-06-18 17:24:46.350 Vco Control: 2200  
 2014-06-18 17:24:46.350 timing mode: external seascan  
 2014-06-18 17:24:46.350 tempco normal  
 2014-06-18 17:24:46.350 PLL update: 10s PLL lock criterion: 5us  
 2014-06-18 17:24:46.350 Pfrac: 150.00  
 2014-06-18 17:24:46.350 VCO slope: -0.0175000  
 2014-06-18 17:24:46.350 VCO intercept: 7.1100001  
 2014-06-18 17:24:46.350 Km delta: 600.000000  
 2014-06-18 17:24:46.350 Logical Port 4 Status  
 2014-06-18 17:24:46.350 Data Packets Sent: 7237955  
 2014-06-18 17:24:46.350 Flood Packets Sent: 0  
 2014-06-18 17:24:46.350 Packets Re-Sent: 10445  
 2014-06-18 17:24:46.350 Sequence Errors: 0  
 2014-06-18 17:24:46.350 Packet Buffer Used: 22000988  
 2014-06-18 17:24:46.350 Physical Port: Ethernet  
 2014-06-18 17:24:46.350 Baler Model: 14 Software Version: 2.28  
 2014-06-18 17:24:46.350 MAC Address: 00:04:FB:00:02:EA  
 2014-06-18 17:24:46.350 Disk Size: 20000669696  
 2014-06-18 17:24:46.350 Percent of 1177 data files in use: 15.0  
 2014-06-18 17:24:46.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-18 17:24:46.350 Channel Sensitivities (uV per count):  
 2014-06-18 17:24:46.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-18 17:24:46.350 Digitizer Calibration Results:  
 2014-06-18 17:24:46.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-18 17:24:46.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-18 17:24:46.350 DMU1 Software Version=10  
 2014-06-18 17:24:46.350 Supply Voltage=12.7  
 2014-06-18 17:24:46.350 Supply Current=0.40  
 2014-06-18 17:24:46.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-18 17:24:46.350 WebLink Data Maps Restored  
 2014-06-18 17:24:46.350 [2014-06-18 05:14:34.000000] sequence resumes: 6318583 to  
 6318583  
 2014-06-18 17:24:46.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-18 17:24:45  
 2014-06-18 17:30:16.560 Reducing Status Polling Interval  
 2014-06-18 17:30:16.560 [2014-06-18 17:30:15.999998] total packets received: 45765

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2014-06-18 17:30:16.560 [2014-06-18 17:30:15.999998] command timeouts: 6
2014-06-18 17:30:16.560 [2014-06-18 17:30:15.999998] out of window: 69
2014-06-18 17:30:16.560 written: HHZ-1161 HH1-1351 HH2-1388 BDH-421 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-18 17:30:16.560 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-25 LDH-24
VMZ-2 VM1-2
2014-06-18 17:30:16.560 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-18 17:30:16.560 [2014-06-18 17:30:15.999998] Done: 4459 recs. seq end:
6362725. run: 325 s
2014-06-19 05:31:08.410
2014-06-19 05:31:08.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-19 05:31:08.410 Control Port 2491 Opened
2014-06-19 05:31:08.410 Baler ready on Ethernet
2014-06-19 05:31:08.410 Power Cycled Baler Acknowledged
2014-06-19 05:31:08.410 Commands Accepted by Q330
2014-06-19 05:31:08.410 Access timeout: 300 sec
2014-06-19 05:31:08.410 Control Port 4023 Opened
2014-06-19 05:31:08.410 Data Port 4024 Opened
2014-06-19 05:31:08.410 Registered with Q330
2014-06-19 05:31:08.410 Combination Record Received
2014-06-19 05:31:08.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-19 05:31:08.410 Link Reset, starting window sequence: 8364
2014-06-19 05:31:08.410 GPS Receiver ID Received
2014-06-19 05:31:08.410 Manufacturer's Data Received, Property Tag=2017
2014-06-19 05:31:08.410 Digitizer Gain & Offsets Received
2014-06-19 05:31:08.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4459 recs.
seq end: 6362725
2014-06-19 05:31:08.410 Baler clock set to 2014-06-19 05:31:07
2014-06-19 05:31:08.410 Starting to Read DP Tokens
2014-06-19 05:31:08.410 DP Tokens loaded, size=1474 bytes
2014-06-19 05:31:08.410 webserver advertising 192.168.200.119:5380
2014-06-19 05:31:08.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-19 05:31:08.410 filters & delay HH1:2@100,Linear all=0.320000
2014-06-19 05:31:08.410 filters & delay HH2:3@100,Linear all=0.320000
2014-06-19 05:31:08.410 filters & delay BDH:4@20,Linear all=1.650000
2014-06-19 05:31:08.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-19 05:31:08.410 filters & delay LH1:2@1,Linear all=15.000000
2014-06-19 05:31:08.410 filters & delay LH2:3@1,Linear all=15.000000
2014-06-19 05:31:08.410 filters & delay LDH:4@1,Linear all=15.000000
2014-06-19 05:31:08.410 [2014-06-18 17:30:15.999998] continuity found: 6362725
456427816.000000 Q=100
2014-06-19 05:31:08.410 [2014-06-18 17:30:15.999998] restoring continuity
2014-06-19 05:31:08.410 Sending DT_OPEN
2014-06-19 05:31:08.410 Station: XX-2017
2014-06-19 05:31:08.410 Q330 Serial Number: 0100000DB18FC351
2014-06-19 05:31:08.410 AMB Serial Number: 0100000B6909DD82
2014-06-19 05:31:08.410 Seismo 1 Serial Number: 0000000000000000
2014-06-19 05:31:08.410 Seismo 2 Serial Number: 0000000000000000
2014-06-19 05:31:08.410 QAPCHP 1 Serial Number: 4643206
2014-06-19 05:31:08.410 QAPCHP 2 Serial Number: 3743050
2014-06-19 05:31:08.410 KMI Property Tag Number: 2017
2014-06-19 05:31:08.410 System Software Version: 1.146
2014-06-19 05:31:08.410 Slave Processor Version: 1.11
2014-06-19 05:31:08.410 Calibrator Type: QCAL330
2014-06-19 05:31:08.410 Calibrator Version: 1.8
2014-06-19 05:31:08.410 Auxiliary Board Type: None
2014-06-19 05:31:08.410 Clock Type: Motorola M12
2014-06-19 05:31:08.410 PLD Version: 7.9
2014-06-19 05:31:08.410 Total Hours: 66921.97
2014-06-19 05:31:08.410 Time of Last Boot: 2014-04-06 02:03:58
2014-06-19 05:31:08.410 Total Number of Boots: 120
2014-06-19 05:31:08.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-19 05:31:08.410 Total Number of Re-Syncs: 213

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2014-06-19 05:31:08.410 Status Inputs: 00000000  
 2014-06-19 05:31:08.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-19 05:31:08.410 Clock Quality: 100%  
 2014-06-19 05:31:08.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-19 05:31:08.410 Clock Phase: 0 usec. max allowed=50000  
 2014-06-19 05:31:08.410 Boom positions:  
 2014-06-19 05:31:08.410 Ch1: -2 Ch2: -1 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-19 05:31:08.410 Analog Status  
 2014-06-19 05:31:08.410 Analog Positive Supply: 5.46V  
 2014-06-19 05:31:08.410 Input Voltage: 13.35V  
 2014-06-19 05:31:08.410 System Temperature: 5C  
 2014-06-19 05:31:08.410 Main Current: 61ma  
 2014-06-19 05:31:08.410 Antenna Current: 0ma  
 2014-06-19 05:31:08.410 GPS Status  
 2014-06-19 05:31:08.410 Time: 05:31:07  
 2014-06-19 05:31:08.410 Date:  
 2014-06-19 05:31:08.410 Fix Type: 1-D  
 2014-06-19 05:31:08.410 Height:  
 2014-06-19 05:31:08.410 Latitude:  
 2014-06-19 05:31:08.410 Longitude:  
 2014-06-19 05:31:08.410 On Time: 0min  
 2014-06-19 05:31:08.410 Sat. Used: 0  
 2014-06-19 05:31:08.410 In View: 0  
 2014-06-19 05:31:08.410 Checksum Errors: 0  
 2014-06-19 05:31:08.410 Last GPS timemark: 2014-06-19 05:31:06  
 2014-06-19 05:31:08.410 PLL Status  
 2014-06-19 05:31:08.410 State: Lock  
 2014-06-19 05:31:08.410 Initial VCO: 2201.103760  
 2014-06-19 05:31:08.410 Time Error: 0.000000  
 2014-06-19 05:31:08.410 RMS VCO: 0.0000000  
 2014-06-19 05:31:08.410 Best VCO: 2200.97  
 2014-06-19 05:31:08.410 Seconds Since Track or Lock: 0.0  
 2014-06-19 05:31:08.410 Vco Control: 2201  
 2014-06-19 05:31:08.410 timing mode: external seascan  
 2014-06-19 05:31:08.410 tempco normal  
 2014-06-19 05:31:08.410 PLL update: 10s PLL lock criterion: 5us  
 2014-06-19 05:31:08.410 Pfrac: 150.00  
 2014-06-19 05:31:08.410 VCO slope: -0.0175000  
 2014-06-19 05:31:08.410 VCO intercept: 7.1100001  
 2014-06-19 05:31:08.410 km delta: 600.0000000  
 2014-06-19 05:31:08.410 Logical Port 4 Status  
 2014-06-19 05:31:08.410 Data Packets Sent: 7283621  
 2014-06-19 05:31:08.410 Flood Packets Sent: 0  
 2014-06-19 05:31:08.410 Packets Re-Sent: 10528  
 2014-06-19 05:31:08.410 Sequence Errors: 0  
 2014-06-19 05:31:08.410 Packet Buffer Used: 22687060  
 2014-06-19 05:31:08.410 Physical Port: Ethernet  
 2014-06-19 05:31:08.410 Baler Model: 14 Software Version: 2.28  
 2014-06-19 05:31:08.410 MAC Address: 00:04:FB:00:02:EA  
 2014-06-19 05:31:08.410 Disk Size: 20000669696  
 2014-06-19 05:31:08.410 Percent of 1177 data files in use: 15.1  
 2014-06-19 05:31:08.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-19 05:31:08.410 Channel Sensitivities (uV per count):  
 2014-06-19 05:31:08.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-19 05:31:08.410 Digitizer Calibration Results:  
 2014-06-19 05:31:08.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-19 05:31:08.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-19 05:31:08.410 DMU1 Software Version=10  
 2014-06-19 05:31:08.410 Supply Voltage=12.8  
 2014-06-19 05:31:08.410 Supply Current=0.40  
 2014-06-19 05:31:08.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-19 05:31:08.410 WebLink Data Maps Restored  
 2014-06-19 05:31:08.410 [2014-06-18 17:30:15.999998] sequence resumes: 6362725 to

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6362725  
2014-06-19 05:31:08.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-06-19 05:31:07  
2014-06-19 05:34:12.800 [2014-06-19 00:00:00.000000] saving Configuration to Backup Memory  
2014-06-19 05:36:45.600 Reducing Status Polling Interval  
2014-06-19 05:36:45.600 [2014-06-19 05:36:44.999998] total packets received: 52836  
2014-06-19 05:36:45.600 [2014-06-19 05:36:44.999998] command timeouts: 6  
2014-06-19 05:36:45.600 [2014-06-19 05:36:44.999998] out of window: 66  
2014-06-19 05:36:45.600 written: HHZ-1182 HH1-1428 HH2-1468 BDH-421 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-06-19 05:36:45.600 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-25 LH2-25 LDH-24  
VMZ-2 VM1-2  
2014-06-19 05:36:45.600 written: VM2-2 LOG-3 ACE-2 OCF-2  
2014-06-19 05:36:45.600 [2014-06-19 05:36:44.999998] Done: 4643 recs. seq end:  
6406314. run: 333 s  
2014-06-19 17:37:37.340  
2014-06-19 17:37:37.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-06-19 17:37:37.340 Control Port 2491 Opened  
2014-06-19 17:37:37.340 Baler ready on Ethernet  
2014-06-19 17:37:37.340 Power Cycled Baler Acknowledged  
2014-06-19 17:37:37.340 Commands Accepted by Q330  
2014-06-19 17:37:37.340 Access timeout: 300 sec  
2014-06-19 17:37:37.340 Control Port 4023 Opened  
2014-06-19 17:37:37.340 Data Port 4024 Opened  
2014-06-19 17:37:37.340 Registered with Q330  
2014-06-19 17:37:37.340 Combination Record Received  
2014-06-19 17:37:37.340 window=4 Min. Timeout=10 Max. Timeout=30  
2014-06-19 17:37:37.340 Link Reset, starting window sequence: 61098  
2014-06-19 17:37:37.340 GPS Receiver ID Received  
2014-06-19 17:37:37.340 Manufacturer's Data Received, Property Tag=2017  
2014-06-19 17:37:37.340 Digitizer Gain & Offsets Received  
2014-06-19 17:37:37.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4643 recs.  
seq end: 6406314  
2014-06-19 17:37:37.340 Baler clock set to 2014-06-19 17:37:36  
2014-06-19 17:37:37.340 Starting to Read DP Tokens  
2014-06-19 17:37:37.340 DP Tokens loaded, size=1474 bytes  
2014-06-19 17:37:37.340 webserver advertising 192.168.200.119:5380  
2014-06-19 17:37:37.340 filters & delay HHZ:1@100,Linear all=0.320000  
2014-06-19 17:37:37.340 filters & delay HH1:2@100,Linear all=0.320000  
2014-06-19 17:37:37.340 filters & delay HH2:3@100,Linear all=0.320000  
2014-06-19 17:37:37.340 filters & delay BDH:4@20,Linear all=1.650000  
2014-06-19 17:37:37.340 filters & delay LHZ:1@1,Linear all=15.000000  
2014-06-19 17:37:37.340 filters & delay LH1:2@1,Linear all=15.000000  
2014-06-19 17:37:37.340 filters & delay LH2:3@1,Linear all=15.000000  
2014-06-19 17:37:37.340 filters & delay LDH:4@1,Linear all=15.000000  
2014-06-19 17:37:37.340 [2014-06-19 05:36:44.999998] continuity found: 6406314  
456471405.000000 Q=100  
2014-06-19 17:37:37.340 [2014-06-19 05:36:44.999998] restoring continuity  
2014-06-19 17:37:37.340 Sending DT\_OPEN  
2014-06-19 17:37:37.340 Station: XX-2017  
2014-06-19 17:37:37.340 Q330 Serial Number: 0100000DB18FC351  
2014-06-19 17:37:37.340 AMB Serial Number: 0100000B6909DD82  
2014-06-19 17:37:37.340 Seismo 1 Serial Number: 0000000000000000  
2014-06-19 17:37:37.340 Seismo 2 Serial Number: 0000000000000000  
2014-06-19 17:37:37.340 QAPCHP 1 Serial Number: 4643206  
2014-06-19 17:37:37.340 QAPCHP 2 Serial Number: 3743050  
2014-06-19 17:37:37.340 KMI Property Tag Number: 2017  
2014-06-19 17:37:37.340 System Software Version: 1.146  
2014-06-19 17:37:37.340 Slave Processor Version: 1.11  
2014-06-19 17:37:37.340 Calibrator Type: QCAL330  
2014-06-19 17:37:37.340 Calibrator Version: 1.8  
2014-06-19 17:37:37.340 Auxiliary Board Type: None

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2014-06-19 17:37:37.340 Clock Type: Motorola M12  
 2014-06-19 17:37:37.340 PLD Version: 7.9  
 2014-06-19 17:37:37.340 Total Hours: 66934.08  
 2014-06-19 17:37:37.340 Power On Hours: 31564.46  
 2014-06-19 17:37:37.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-19 17:37:37.340 Total Number of Boots: 120  
 2014-06-19 17:37:37.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-19 17:37:37.340 Total Number of Re-Syncs: 213  
 2014-06-19 17:37:37.340 Status Inputs: 00000000  
 2014-06-19 17:37:37.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-06-19 17:37:37.340 Clock Quality: 100%  
 2014-06-19 17:37:37.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-19 17:37:37.340 Clock Phase: 0 usec. max allowed=50000  
 2014-06-19 17:37:37.340 Boom positions:  
 2014-06-19 17:37:37.340 ch1: -2 ch2: -1 ch3: -1 ch4: 20 ch5: 20 ch6: 20  
 2014-06-19 17:37:37.340 Analog Status  
 2014-06-19 17:37:37.340 Analog Positive Supply: 5.46v  
 2014-06-19 17:37:37.340 Input Voltage: 13.20V  
 2014-06-19 17:37:37.340 System Temperature: 5C  
 2014-06-19 17:37:37.340 Main Current: 62ma  
 2014-06-19 17:37:37.340 Antenna Current: Oma  
 2014-06-19 17:37:37.340 GPS Status  
 2014-06-19 17:37:37.340 Time: 17:37:36  
 2014-06-19 17:37:37.340 Date:  
 2014-06-19 17:37:37.340 Fix Type: 1-D  
 2014-06-19 17:37:37.340 Height:  
 2014-06-19 17:37:37.340 Latitude:  
 2014-06-19 17:37:37.340 Longitude:  
 2014-06-19 17:37:37.340 On Time: 0min  
 2014-06-19 17:37:37.340 Sat. Used: 0  
 2014-06-19 17:37:37.340 In View: 0  
 2014-06-19 17:37:37.340 Checksum Errors: 0  
 2014-06-19 17:37:37.340 Last GPS timemark: 2014-06-19 17:37:35  
 2014-06-19 17:37:37.340 PLL Status  
 2014-06-19 17:37:37.340 State: Lock  
 2014-06-19 17:37:37.340 Initial VCO: 2200.001953  
 2014-06-19 17:37:37.340 Time Error: 0.000000  
 2014-06-19 17:37:37.340 RMS VCO: 0.0000000  
 2014-06-19 17:37:37.340 Best VCO: 2200.00  
 2014-06-19 17:37:37.340 Seconds Since Track or Lock: 0.0  
 2014-06-19 17:37:37.340 Vco Control: 2200  
 2014-06-19 17:37:37.340 timing mode: external seascan  
 2014-06-19 17:37:37.340 tempco normal  
 2014-06-19 17:37:37.340 PLL update: 10s PLL lock criterion: 5us  
 2014-06-19 17:37:37.340 Pfrac: 150.00  
 2014-06-19 17:37:37.340 VCO slope: -0.0175000  
 2014-06-19 17:37:37.340 VCO intercept: 7.1100001  
 2014-06-19 17:37:37.340 km delta: 600.0000000  
 2014-06-19 17:37:37.340 Logical Port 4 Status  
 2014-06-19 17:37:37.340 Data Packets Sent: 7336360  
 2014-06-19 17:37:37.340 Flood Packets Sent: 0  
 2014-06-19 17:37:37.340 Packets Re-Sent: 10607  
 2014-06-19 17:37:37.340 Sequence Errors: 0  
 2014-06-19 17:37:37.340 Packet Buffer Used: 22481416  
 2014-06-19 17:37:37.340 Physical Port: Ethernet  
 2014-06-19 17:37:37.340 Baler Model: 14 Software Version: 2.28  
 2014-06-19 17:37:37.340 MAC Address: 00:04:FB:00:02:EA  
 2014-06-19 17:37:37.340 Disk Size: 20000669696  
 2014-06-19 17:37:37.340 Percent of 1177 data files in use: 15.4  
 2014-06-19 17:37:37.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-19 17:37:37.340 Channel Sensitivities (uV per count):  
 2014-06-19 17:37:37.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-19 17:37:37.340 Digitizer Calibration Results:

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2014-06-19 17:37:37.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-19 17:37:37.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-19 17:37:37.340 DMU1 Software Version=10
2014-06-19 17:37:37.340 Supply Voltage=12.8
2014-06-19 17:37:37.340 Supply Current=0.40
2014-06-19 17:37:37.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-19 17:37:37.340 WebLink Data Maps Restored
2014-06-19 17:37:37.340 [2014-06-19 05:36:44.999998] sequence resumes: 6406314 to
6406314
2014-06-19 17:37:37.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-19 17:37:36
2014-06-19 17:43:12.550 Reducing Status Polling Interval
2014-06-19 17:43:12.550 [2014-06-19 17:43:11.999998] total packets received: 49224
2014-06-19 17:43:12.550 [2014-06-19 17:43:11.999998] command timeouts: 6
2014-06-19 17:43:12.550 [2014-06-19 17:43:11.999998] out of window: 62
2014-06-19 17:43:12.550 written: HHZ-1204 HH1-1387 HH2-1436 BDH-421 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-06-19 17:43:12.550 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-06-19 17:43:12.550 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-19 17:43:12.550 [2014-06-19 17:43:11.999998] Done: 4577 recs. seq end:
6449901. run: 331 s
2014-06-20 05:44:06.380
2014-06-20 05:44:06.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-20 05:44:06.380 Control Port 2491 Opened
2014-06-20 05:44:06.380 Baler ready on Ethernet
2014-06-20 05:44:06.380 Power Cycled Baler Acknowledged
2014-06-20 05:44:06.380 Access timeout: 300 sec
2014-06-20 05:44:06.380 Control Port 4023 Opened
2014-06-20 05:44:06.380 Data Port 4024 Opened
2014-06-20 05:44:06.380 Registered with Q330
2014-06-20 05:44:06.380 Combination Record Received
2014-06-20 05:44:06.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-20 05:44:06.380 Link Reset, starting window sequence: 44688
2014-06-20 05:44:06.380 GPS Receiver ID Received
2014-06-20 05:44:06.380 Manufacturer's Data Received, Property Tag=2017
2014-06-20 05:44:06.380 Digitizer Gain & Offsets Received
2014-06-20 05:44:06.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4577 recs.
seq end: 6449901
2014-06-20 05:44:06.380 Baler clock set to 2014-06-20 05:44:05
2014-06-20 05:44:06.380 Starting to Read DP Tokens
2014-06-20 05:44:06.380 DP Tokens loaded, size=1474 bytes
2014-06-20 05:44:06.380 webserver advertising 192.168.200.119:5380
2014-06-20 05:44:06.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-20 05:44:06.380 filters & delay HH1:2@100,Linear all=0.320000
2014-06-20 05:44:06.380 filters & delay HH2:3@100,Linear all=0.320000
2014-06-20 05:44:06.380 filters & delay BDH:4@20,Linear all=1.650000
2014-06-20 05:44:06.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-20 05:44:06.380 filters & delay LH1:2@1,Linear all=15.000000
2014-06-20 05:44:06.380 filters & delay LH2:3@1,Linear all=15.000000
2014-06-20 05:44:06.380 filters & delay LDH:4@1,Linear all=15.000000
2014-06-20 05:44:06.380 [2014-06-19 17:43:11.999998] continuity found: 6449901
456514992.000000 Q=100
2014-06-20 05:44:06.380 [2014-06-19 17:43:11.999998] restoring continuity
2014-06-20 05:44:06.380 Sending DT_OPEN
2014-06-20 05:44:06.380 Station: XX-2017
2014-06-20 05:44:06.380 Q330 Serial Number: 0100000DB18FC351
2014-06-20 05:44:06.380 AMB Serial Number: 0100000B6909DD82
2014-06-20 05:44:06.380 Seismo 1 Serial Number: 0000000000000000
2014-06-20 05:44:06.380 Seismo 2 Serial Number: 0000000000000000
2014-06-20 05:44:06.380 QAPCHP 1 Serial Number: 4643206
2014-06-20 05:44:06.380 QAPCHP 2 Serial Number: 3743050
2014-06-20 05:44:06.380 KMI Property Tag Number: 2017

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2014-06-20 05:44:06.380 System Software Version: 1.146  
 2014-06-20 05:44:06.380 Slave Processor Version: 1.11  
 2014-06-20 05:44:06.380 Calibrator Type: QCAL330  
 2014-06-20 05:44:06.380 Calibrator Version: 1.8  
 2014-06-20 05:44:06.380 Auxiliary Board Type: None  
 2014-06-20 05:44:06.380 Clock Type: Motorola M12  
 2014-06-20 05:44:06.380 PLD Version: 7.9  
 2014-06-20 05:44:06.380 Total Hours: 66946.19  
 2014-06-20 05:44:06.380 Power On Hours: 31576.57  
 2014-06-20 05:44:06.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-20 05:44:06.380 Total Number of Boots: 120  
 2014-06-20 05:44:06.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-20 05:44:06.380 Total Number of Re-Syncs: 213  
 2014-06-20 05:44:06.380 Status Inputs: 00000000  
 2014-06-20 05:44:06.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-20 05:44:06.380 Clock Quality: 100%  
 2014-06-20 05:44:06.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-20 05:44:06.380 Clock Phase: 0 usec. max allowed=50000  
 2014-06-20 05:44:06.380 Boom positions:  
 2014-06-20 05:44:06.380 ch1: -2 ch2: -1 ch3: 3 ch4: 20 ch5: 20 ch6: 20  
 2014-06-20 05:44:06.380 Analog Status  
 2014-06-20 05:44:06.380 Analog Positive Supply: 5.46V  
 2014-06-20 05:44:06.380 Input Voltage: 13.20V  
 2014-06-20 05:44:06.380 System Temperature: 5C  
 2014-06-20 05:44:06.380 Main Current: 62ma  
 2014-06-20 05:44:06.380 Antenna Current: 0ma  
 2014-06-20 05:44:06.380 GPS Status  
 2014-06-20 05:44:06.380 Time: 05:44:05  
 2014-06-20 05:44:06.380 Date:  
 2014-06-20 05:44:06.380 Fix Type: 1-D  
 2014-06-20 05:44:06.380 Height:  
 2014-06-20 05:44:06.380 Latitude:  
 2014-06-20 05:44:06.380 Longitude:  
 2014-06-20 05:44:06.380 On Time: 0min  
 2014-06-20 05:44:06.380 Sat. Used: 0  
 2014-06-20 05:44:06.380 In View: 0  
 2014-06-20 05:44:06.380 Checksum Errors: 0  
 2014-06-20 05:44:06.380 Last GPS timemark: 2014-06-20 05:44:04  
 2014-06-20 05:44:06.380 PLL Status  
 2014-06-20 05:44:06.380 State: Lock  
 2014-06-20 05:44:06.380 Initial VCO: 2200.993164  
 2014-06-20 05:44:06.380 Time Error: 0.000000  
 2014-06-20 05:44:06.380 RMS VCO: 0.000000  
 2014-06-20 05:44:06.380 Best VCO: 2201.10  
 2014-06-20 05:44:06.380 Seconds Since Track or Lock: 0.0  
 2014-06-20 05:44:06.380 Vco Control: 2201  
 2014-06-20 05:44:06.380 timing mode: external seascan  
 2014-06-20 05:44:06.380 tempco normal  
 2014-06-20 05:44:06.380 PLL update: 10s PLL lock criterion: 5us  
 2014-06-20 05:44:06.380 Pfrac: 150.00  
 2014-06-20 05:44:06.380 VCO slope: -0.0175000  
 2014-06-20 05:44:06.380 VCO intercept: 7.1100001  
 2014-06-20 05:44:06.380 Km delta: 600.0000000  
 2014-06-20 05:44:06.380 Logical Port 4 Status  
 2014-06-20 05:44:06.380 Data Packets Sent: 7385491  
 2014-06-20 05:44:06.380 Flood Packets Sent: 0  
 2014-06-20 05:44:06.380 Packets Re-Sent: 10684  
 2014-06-20 05:44:06.380 Sequence Errors: 0  
 2014-06-20 05:44:06.380 Packet Buffer Used: 22222068  
 2014-06-20 05:44:06.380 Physical Port: Ethernet  
 2014-06-20 05:44:06.380 Baler Model: 14 Software Version: 2.28  
 2014-06-20 05:44:06.380 MAC Address: 00:04:FB:00:02:EA  
 2014-06-20 05:44:06.380 Disk Size: 20000669696

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2014-06-20 05:44:06.380 Percent of 1177 data files in use: 15.4
2014-06-20 05:44:06.380 Channels Enabled: 1234 Preamps ON channels:
2014-06-20 05:44:06.380 Channel Sensitivities (uV per count):
2014-06-20 05:44:06.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-20 05:44:06.380 Digitizer Calibration Results:
2014-06-20 05:44:06.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-20 05:44:06.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-20 05:44:06.380 DMU1 Software Version=10
2014-06-20 05:44:06.380 Supply Voltage=12.8
2014-06-20 05:44:06.380 Supply Current=0.41
2014-06-20 05:44:06.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-20 05:44:06.380 WebLink Data Maps Restored
2014-06-20 05:44:06.380 [2014-06-19 17:43:11.999998] sequence resumes: 6449901 to
6449901
2014-06-20 05:44:06.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-20 05:44:05
2014-06-20 05:47:01.430 [2014-06-20 00:00:00.000000] Saving Configuration to Backup
Memory
2014-06-20 05:49:36.040 [2014-06-20 05:48:00.999998] total packets received: 45946
2014-06-20 05:49:36.040 [2014-06-20 05:48:00.999998] command timeouts: 6
2014-06-20 05:49:36.040 [2014-06-20 05:48:00.999998] out of window: 61
2014-06-20 05:49:36.040 written: HHZ-1176 HH1-1378 HH2-1401 BDH-418 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-20 05:49:36.040 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-20 05:49:36.040 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-20 05:49:36.040 [2014-06-20 05:48:00.999998] Done: 4515 recs. seq end:
6493390. run: 325 s
2014-06-20 17:50:28.380
2014-06-20 17:50:28.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-20 17:50:28.380 Control Port 2491 Opened
2014-06-20 17:50:28.380 Baler ready on Ethernet
2014-06-20 17:50:28.380 Power Cycled Baler Acknowledged
2014-06-20 17:50:28.380 Commands Accepted by Q330
2014-06-20 17:50:28.380 Access timeout: 300 sec
2014-06-20 17:50:28.380 Control Port 4023 Opened
2014-06-20 17:50:28.380 Data Port 4024 Opened
2014-06-20 17:50:28.380 Registered with Q330
2014-06-20 17:50:28.380 Combination Record Received
2014-06-20 17:50:28.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-20 17:50:28.380 Link Reset, starting window sequence: 25002
2014-06-20 17:50:28.380 GPS Receiver ID Received
2014-06-20 17:50:28.380 Manufacturer's Data Received, Property Tag=2017
2014-06-20 17:50:28.380 Digitizer Gain & Offsets Received
2014-06-20 17:50:28.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4515 recs.
seq end: 6493390
2014-06-20 17:50:28.380 Baler clock set to 2014-06-20 17:50:27
2014-06-20 17:50:28.380 Starting to Read DP Tokens
2014-06-20 17:50:28.380 DP Tokens loaded, size=1474 bytes
2014-06-20 17:50:28.380 webserver advertising 192.168.200.119:5380
2014-06-20 17:50:28.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-20 17:50:28.380 filters & delay HH1:2@100,Linear all=0.320000
2014-06-20 17:50:28.380 filters & delay HH2:3@100,Linear all=0.320000
2014-06-20 17:50:28.380 filters & delay BDH:4@20,Linear all=1.650000
2014-06-20 17:50:28.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-20 17:50:28.380 filters & delay LH1:2@1,Linear all=15.000000
2014-06-20 17:50:28.380 filters & delay LH2:3@1,Linear all=15.000000
2014-06-20 17:50:28.380 filters & delay LDH:4@1,Linear all=15.000000
2014-06-20 17:50:28.380 [2014-06-20 05:48:00.999998] continuity found: 6493390
456558481.000000 Q=100
2014-06-20 17:50:28.380 [2014-06-20 05:48:00.999998] restoring continuity
2014-06-20 17:50:28.380 Sending DT_OPEN
2014-06-20 17:50:28.380 Station: XX-2017

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2014-06-20 17:50:28.380 Q330 Serial Number: 0100000DB18FC351  
 2014-06-20 17:50:28.380 AMB Serial Number: 0100000B6909DD82  
 2014-06-20 17:50:28.380 Seismo 1 Serial Number: 0000000000000000  
 2014-06-20 17:50:28.380 Seismo 2 Serial Number: 0000000000000000  
 2014-06-20 17:50:28.380 QAPCHP 1 Serial Number: 4643206  
 2014-06-20 17:50:28.380 QAPCHP 2 Serial Number: 3743050  
 2014-06-20 17:50:28.380 KMI Property Tag Number: 2017  
 2014-06-20 17:50:28.380 System Software Version: 1.146  
 2014-06-20 17:50:28.380 Slave Processor Version: 1.11  
 2014-06-20 17:50:28.380 Calibrator Type: QCAL330  
 2014-06-20 17:50:28.380 Calibrator Version: 1.8  
 2014-06-20 17:50:28.380 Auxiliary Board Type: None  
 2014-06-20 17:50:28.380 Clock Type: Motorola M12  
 2014-06-20 17:50:28.380 PLD Version: 7.9  
 2014-06-20 17:50:28.380 Total Hours: 66958.29  
 2014-06-20 17:50:28.380 Power On Hours: 31588.68  
 2014-06-20 17:50:28.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-20 17:50:28.380 Total Number of Boots: 120  
 2014-06-20 17:50:28.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-20 17:50:28.380 Total Number of Re-Syncs: 213  
 2014-06-20 17:50:28.380 Status Inputs: 00000000  
 2014-06-20 17:50:28.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-06-20 17:50:28.380 Clock Quality: 100%  
 2014-06-20 17:50:28.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-20 17:50:28.380 Clock Phase: 0 usec. max allowed=50000  
 2014-06-20 17:50:28.380 Boom positions:  
 2014-06-20 17:50:28.380 Ch1: -2 Ch2: -1 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-20 17:50:28.380 Analog Status  
 2014-06-20 17:50:28.380 Analog Positive Supply: 5.46V  
 2014-06-20 17:50:28.380 Input Voltage: 13.35V  
 2014-06-20 17:50:28.380 System Temperature: 5C  
 2014-06-20 17:50:28.380 Main Current: 61ma  
 2014-06-20 17:50:28.380 Antenna Current: 0ma  
 2014-06-20 17:50:28.380 GPS Status  
 2014-06-20 17:50:28.380 Time: 17:50:27  
 2014-06-20 17:50:28.380 Date:  
 2014-06-20 17:50:28.380 Fix Type: 1-D  
 2014-06-20 17:50:28.380 Height:  
 2014-06-20 17:50:28.380 Latitude:  
 2014-06-20 17:50:28.380 Longitude:  
 2014-06-20 17:50:28.380 On Time: 0min  
 2014-06-20 17:50:28.380 Sat. Used: 0  
 2014-06-20 17:50:28.380 In View: 0  
 2014-06-20 17:50:28.380 Checksum Errors: 0  
 2014-06-20 17:50:28.380 Last GPS timemark: 2014-06-20 17:50:26  
 2014-06-20 17:50:28.380 PLL Status  
 2014-06-20 17:50:28.380 State: Lock  
 2014-06-20 17:50:28.380 Initial VCO: 2200.748779  
 2014-06-20 17:50:28.380 Time Error: 0.000000  
 2014-06-20 17:50:28.380 RMS VCO: 0.0000000  
 2014-06-20 17:50:28.380 Best VCO: 2200.77  
 2014-06-20 17:50:28.380 Seconds Since Track or Lock: 0.0  
 2014-06-20 17:50:28.380 Vco Control: 2201  
 2014-06-20 17:50:28.380 timing mode: external seascan  
 2014-06-20 17:50:28.380 tempco normal  
 2014-06-20 17:50:28.380 Pfrac: 150.00  
 2014-06-20 17:50:28.380 VCO slope: -0.0175000  
 2014-06-20 17:50:28.380 VCO intercept: 7.1100001  
 2014-06-20 17:50:28.380 km delta: 600.0000000  
 2014-06-20 17:50:28.380 Logical Port 4 Status  
 2014-06-20 17:50:28.380 Data Packets Sent: 7431346  
 2014-06-20 17:50:28.380 Flood Packets Sent: 0  
 2014-06-20 17:50:28.380 Packets Re-Sent: 10760

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2014-06-20 17:50:28.380 Sequence Errors: 0  
 2014-06-20 17:50:28.380 Packet Buffer Used: 22383800  
 2014-06-20 17:50:28.380 Physical Port: Ethernet  
 2014-06-20 17:50:28.380 Baler Model: 14 Software Version: 2.28  
 2014-06-20 17:50:28.380 MAC Address: 00:04:FB:00:02:EA  
 2014-06-20 17:50:28.380 Disk Size: 20000669696  
 2014-06-20 17:50:28.380 Percent of 1177 data files in use: 15.4  
 2014-06-20 17:50:28.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-20 17:50:28.380 Channel Sensitivities (uV per count):  
 2014-06-20 17:50:28.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-20 17:50:28.380 Digitizer Calibration Results:  
 2014-06-20 17:50:28.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-20 17:50:28.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-20 17:50:28.380 DMU1 Software Version=10  
 2014-06-20 17:50:28.380 Supply Voltage=12.7  
 2014-06-20 17:50:28.380 Supply Current=0.41  
 2014-06-20 17:50:28.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-20 17:50:28.380 WebLink Data Maps Restored  
 2014-06-20 17:50:28.380 [2014-06-20 05:48:00.999998] sequence resumes: 6493390 to 6493390  
 2014-06-20 17:50:28.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-20 17:50:27  
 2014-06-20 17:55:53.490 Reducing Status Polling Interval  
 2014-06-20 17:55:53.490 [2014-06-20 17:55:52.999998] total packets received: 46832  
 2014-06-20 17:55:53.490 [2014-06-20 17:55:52.999998] command timeouts: 6  
 2014-06-20 17:55:53.490 [2014-06-20 17:55:52.999998] out of window: 53  
 2014-06-20 17:55:53.490 written: HHZ-1168 HH1-1383 HH2-1440 BDH-430 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-06-20 17:55:53.490 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-25 LDH-24  
 VMZ-2 VM1-2  
 2014-06-20 17:55:53.490 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-06-20 17:55:53.490 [2014-06-20 17:55:52.999998] Done: 4563 recs. seq end: 6537062. run: 321 s  
 2014-06-21 05:56:48.360  
 2014-06-21 05:56:48.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-21 05:56:48.360 Control Port 2491 Opened  
 2014-06-21 05:56:48.360 Baler ready on Ethernet  
 2014-06-21 05:56:48.360 Power Cycled Baler Acknowledged  
 2014-06-21 05:56:48.360 Commands Accepted by Q330  
 2014-06-21 05:56:48.360 Access timeout: 300 sec  
 2014-06-21 05:56:48.360 Control Port 4023 Opened  
 2014-06-21 05:56:48.360 Data Port 4024 Opened  
 2014-06-21 05:56:48.360 Registered with Q330  
 2014-06-21 05:56:48.360 Combination Record Received  
 2014-06-21 05:56:48.360 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-21 05:56:48.360 Link Reset, starting window sequence: 6210  
 2014-06-21 05:56:48.360 GPS Receiver ID Received  
 2014-06-21 05:56:48.360 Manufacturer's Data Received, Property Tag=2017  
 2014-06-21 05:56:48.360 Digitizer Gain & Offsets Received  
 2014-06-21 05:56:48.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4563 recs. seq end: 6537062  
 2014-06-21 05:56:48.360 Baler clock set to 2014-06-21 05:56:47  
 2014-06-21 05:56:48.360 Starting to Read DP Tokens  
 2014-06-21 05:56:48.360 DP Tokens loaded, size=1474 bytes  
 2014-06-21 05:56:48.360 webserver advertising 192.168.200.119:5380  
 2014-06-21 05:56:48.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-21 05:56:48.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-21 05:56:48.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-21 05:56:48.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-21 05:56:48.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-21 05:56:48.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-21 05:56:48.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-21 05:56:48.360 filters & delay LDH:4@1,Linear all=15.000000

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2014-06-21 05:56:48.360 [2014-06-20 17:55:52.999998] continuity found: 6537062
456602153.000000 Q=100
2014-06-21 05:56:48.360 [2014-06-20 17:55:52.999998] restoring continuity
2014-06-21 05:56:48.360 Sending DT_OPEN
2014-06-21 05:56:48.360 Station: XX-2017
2014-06-21 05:56:48.360 Q330 Serial Number: 0100000DB18FC351
2014-06-21 05:56:48.360 AMB Serial Number: 0100000B6909DD82
2014-06-21 05:56:48.360 Seismo 1 Serial Number: 0000000000000000
2014-06-21 05:56:48.360 Seismo 2 Serial Number: 0000000000000000
2014-06-21 05:56:48.360 QAPCHP 1 Serial Number: 4643206
2014-06-21 05:56:48.360 QAPCHP 2 Serial Number: 3743050
2014-06-21 05:56:48.360 KMI Property Tag Number: 2017
2014-06-21 05:56:48.360 System Software Version: 1.146
2014-06-21 05:56:48.360 Slave Processor Version: 1.11
2014-06-21 05:56:48.360 Calibrator Type: QCAL330
2014-06-21 05:56:48.360 Calibrator Version: 1.8
2014-06-21 05:56:48.360 Auxiliary Board Type: None
2014-06-21 05:56:48.360 Clock Type: Motorola M12
2014-06-21 05:56:48.360 PLD Version: 7.9
2014-06-21 05:56:48.360 Total Hours: 66970.40
2014-06-21 05:56:48.360 Power On Hours: 31600.79
2014-06-21 05:56:48.360 Time of Last Boot: 2014-04-06 02:03:58
2014-06-21 05:56:48.360 Total Number of Boots: 120
2014-06-21 05:56:48.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-21 05:56:48.360 Total Number of Re-Syncs: 213
2014-06-21 05:56:48.360 Status Inputs: 00000000
2014-06-21 05:56:48.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-21 05:56:48.360 Clock Quality: 100%
2014-06-21 05:56:48.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-21 05:56:48.360 Clock Phase: 0 usec. max allowed=50000
2014-06-21 05:56:48.360 Boom positions:
2014-06-21 05:56:48.360 Ch1: -2 Ch2: -2 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-21 05:56:48.360 Analog Status
2014-06-21 05:56:48.360 Analog Positive Supply: 5.46V
2014-06-21 05:56:48.360 Input Voltage: 13.20V
2014-06-21 05:56:48.360 System Temperature: 5C
2014-06-21 05:56:48.360 Main Current: 62ma
2014-06-21 05:56:48.360 Antenna Current: 0ma
2014-06-21 05:56:48.360 GPS Status
2014-06-21 05:56:48.360 Time: 05:56:47
2014-06-21 05:56:48.360 Date:
2014-06-21 05:56:48.360 Fix Type: 1-D
2014-06-21 05:56:48.360 Height:
2014-06-21 05:56:48.360 Latitude:
2014-06-21 05:56:48.360 Longitude:
2014-06-21 05:56:48.360 On Time: 0min
2014-06-21 05:56:48.360 Sat. Used: 0
2014-06-21 05:56:48.360 In View: 0
2014-06-21 05:56:48.360 Checksum Errors: 0
2014-06-21 05:56:48.360 Last GPS timemark: 2014-06-21 05:56:46
2014-06-21 05:56:48.360 PLL Status
2014-06-21 05:56:48.360 State: Lock
2014-06-21 05:56:48.360 Initial VCO: 2201.535645
2014-06-21 05:56:48.360 Time Error: 0.000000
2014-06-21 05:56:48.360 RMS VCO: 0.000000
2014-06-21 05:56:48.360 Best VCO: 2201.52
2014-06-21 05:56:48.360 Seconds Since Track or Lock: 0.0
2014-06-21 05:56:48.360 Vco Control: 2202
2014-06-21 05:56:48.360 timing mode: external seascan
2014-06-21 05:56:48.360 tempco normal
2014-06-21 05:56:48.360 PLL update: 10s PLL lock criterion: 5us
2014-06-21 05:56:48.360 Pfrac: 150.00
2014-06-21 05:56:48.360 VCO slope: -0.0175000

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2014-06-21 05:56:48.360 VCO intercept: 7.1100001
2014-06-21 05:56:48.360 Km delta: 600.0000000
2014-06-21 05:56:48.360 Logical Port 4 Status
2014-06-21 05:56:48.360 Data Packets Sent: 7478095
2014-06-21 05:56:48.360 Flood Packets Sent: 0
2014-06-21 05:56:48.360 Packets Re-Sent: 10830
2014-06-21 05:56:48.360 Sequence Errors: 0
2014-06-21 05:56:48.360 Packet Buffer Used: 22063028
2014-06-21 05:56:48.360 Physical Port: Ethernet
2014-06-21 05:56:48.360 Baler Model: 14 Software Version: 2.28
2014-06-21 05:56:48.360 MAC Address: 00:04:FB:00:02:EA
2014-06-21 05:56:48.360 Disk Size: 20000669696
2014-06-21 05:56:48.360 Percent of 1177 data files in use: 15.6
2014-06-21 05:56:48.360 Channels Enabled: 1234 Preamps ON channels:
2014-06-21 05:56:48.360 Channel Sensitivities (uV per count):
2014-06-21 05:56:48.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-21 05:56:48.360 Digitizer Calibration Results:
2014-06-21 05:56:48.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-21 05:56:48.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-21 05:56:48.360 DMU1 Software Version=10
2014-06-21 05:56:48.360 Supply Voltage=12.6
2014-06-21 05:56:48.360 Supply Current=0.41
2014-06-21 05:56:48.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-21 05:56:48.360 WebLink Data Maps Restored
2014-06-21 05:56:48.360 [2014-06-20 17:55:52.999998] sequence resumes: 6537062 to
6537062
2014-06-21 05:56:48.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-21 05:56:47
2014-06-21 05:59:35.060 [2014-06-21 00:00:00.000000] Saving Configuration to Backup
Memory
2014-06-21 06:02:18.130 [2014-06-21 06:02:17.000000] total packets received: 47490
2014-06-21 06:02:18.130 [2014-06-21 06:02:17.000000] command timeouts: 6
2014-06-21 06:02:18.130 [2014-06-21 06:02:17.000000] out of window: 67
2014-06-21 06:02:18.130 written: HHZ-1141 HH1-1362 HH2-1428 BDH-420 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-06-21 06:02:18.130 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-20 LH1-24 LH2-25 LDH-24
VMZ-1 VM1-1
2014-06-21 06:02:18.130 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-21 06:02:18.130 [2014-06-21 06:02:17.000000] Done: 4484 recs. seq end:
6580646. run: 325 s
2014-06-21 18:03:11.350
2014-06-21 18:03:11.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-21 18:03:11.350 Control Port 2491 Opened
2014-06-21 18:03:11.350 Baler ready on Ethernet
2014-06-21 18:03:11.350 Power Cycled Baler Acknowledged
2014-06-21 18:03:11.350 Commands Accepted by Q330
2014-06-21 18:03:11.350 Access timeout: 300 sec
2014-06-21 18:03:11.350 Control Port 4023 Opened
2014-06-21 18:03:11.350 Data Port 4024 Opened
2014-06-21 18:03:11.350 Registered with Q330
2014-06-21 18:03:11.350 Combination Record Received
2014-06-21 18:03:11.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-21 18:03:11.350 Link Reset, starting window sequence: 53598
2014-06-21 18:03:11.350 GPS Receiver ID Received
2014-06-21 18:03:11.350 Manufacturer's Data Received, Property Tag=2017
2014-06-21 18:03:11.350 Digitizer Gain & Offsets Received
2014-06-21 18:03:11.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4484 recs.
seq end: 6580646
2014-06-21 18:03:11.350 Baler clock set to 2014-06-21 18:03:10
2014-06-21 18:03:11.350 Starting to Read DP Tokens
2014-06-21 18:03:11.350 DP Tokens loaded, size=1474 bytes
2014-06-21 18:03:11.350 Webserver advertising 192.168.200.119:5380
2014-06-21 18:03:11.350 filters & delay HHZ:1@100,Linear all=0.320000

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2014-06-21 18:03:11.350 filters & delay HH1:2@100,Linear all=0.320000
2014-06-21 18:03:11.350 filters & delay HH2:3@100,Linear all=0.320000
2014-06-21 18:03:11.350 filters & delay BDH:4@20,Linear all=1.650000
2014-06-21 18:03:11.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-21 18:03:11.350 filters & delay LH1:2@1,Linear all=15.000000
2014-06-21 18:03:11.350 filters & delay LH2:3@1,Linear all=15.000000
2014-06-21 18:03:11.350 filters & delay LDH:4@1,Linear all=15.000000
2014-06-21 18:03:11.350 [2014-06-21 06:02:17.000000] continuity found: 6580646
456645737.000000 Q=100
2014-06-21 18:03:11.350 [2014-06-21 06:02:17.000000] restoring continuity
2014-06-21 18:03:11.350 Sending DT_OPEN
2014-06-21 18:03:11.350 Station: XX-2017
2014-06-21 18:03:11.350 Q330 Serial Number: 0100000DB18FC351
2014-06-21 18:03:11.350 AMB Serial Number: 0100000B6909DD82
2014-06-21 18:03:11.350 Seismo 1 Serial Number: 0000000000000000
2014-06-21 18:03:11.350 QAPCHP 1 Serial Number: 4643206
2014-06-21 18:03:11.350 QAPCHP 2 Serial Number: 3743050
2014-06-21 18:03:11.350 KMI Property Tag Number: 2017
2014-06-21 18:03:11.350 System Software Version: 1.146
2014-06-21 18:03:11.350 Slave Processor Version: 1.11
2014-06-21 18:03:11.350 Calibrator Type: QCAL330
2014-06-21 18:03:11.350 Calibrator Version: 1.8
2014-06-21 18:03:11.350 Auxiliary Board Type: None
2014-06-21 18:03:11.350 Clock Type: Motorola M12
2014-06-21 18:03:11.350 PLD Version: 7.9
2014-06-21 18:03:11.350 Total Hours: 66982.51
2014-06-21 18:03:11.350 Power On Hours: 31612.89
2014-06-21 18:03:11.350 Time of Last Boot: 2014-04-06 02:03:58
2014-06-21 18:03:11.350 Total Number of Boots: 120
2014-06-21 18:03:11.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-21 18:03:11.350 Total Number of Re-Syncs: 213
2014-06-21 18:03:11.350 Status Inputs: 00000000
2014-06-21 18:03:11.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-06-21 18:03:11.350 Clock Quality: 100%
2014-06-21 18:03:11.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-21 18:03:11.350 Clock Phase: 0 usec. max allowed=50000
2014-06-21 18:03:11.350 Boom positions:
2014-06-21 18:03:11.350 Ch1: -2 Ch2: -3 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-21 18:03:11.350 Analog Status
2014-06-21 18:03:11.350 Analog Positive Supply: 5.46V
2014-06-21 18:03:11.350 Input Voltage: 13.35V
2014-06-21 18:03:11.350 System Temperature: 5C
2014-06-21 18:03:11.350 Main Current: 62ma
2014-06-21 18:03:11.350 Antenna Current: 0ma
2014-06-21 18:03:11.350 GPS Status
2014-06-21 18:03:11.350 Time: 18:03:10
2014-06-21 18:03:11.350 Date:
2014-06-21 18:03:11.350 Fix Type: 1-D
2014-06-21 18:03:11.350 Height:
2014-06-21 18:03:11.350 Latitude:
2014-06-21 18:03:11.350 Longitude:
2014-06-21 18:03:11.350 On Time: 0min
2014-06-21 18:03:11.350 Sat. Used: 0
2014-06-21 18:03:11.350 In View: 0
2014-06-21 18:03:11.350 Checksum Errors: 0
2014-06-21 18:03:11.350 Last GPS timemark: 2014-06-21 18:03:09
2014-06-21 18:03:11.350 PLL Status
2014-06-21 18:03:11.350 State: Lock
2014-06-21 18:03:11.350 Initial VCO: 2201.496094
2014-06-21 18:03:11.350 Time Error: 0.000000
2014-06-21 18:03:11.350 RMS VCO: 0.0000000
2014-06-21 18:03:11.350 Best VCO: 2201.56
2014-06-21 18:03:11.350 Seconds Since Track or Lock: 0.0

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2014-06-21 18:03:11.350 Vco Control: 2202
2014-06-21 18:03:11.350 timing mode: external seascan
2014-06-21 18:03:11.350 tempco normal
2014-06-21 18:03:11.350 PLL update: 10s PLL lock criterion: 5us
2014-06-21 18:03:11.350 Pfrac: 150.00
2014-06-21 18:03:11.350 VCO slope: -0.0175000
2014-06-21 18:03:11.350 VCO intercept: 7.1100001
2014-06-21 18:03:11.350 Km delta: 600.0000000
2014-06-21 18:03:11.350 Logical Port 4 Status
2014-06-21 18:03:11.350 Data Packets Sent: 7525488
2014-06-21 18:03:11.350 Flood Packets Sent: 0
2014-06-21 18:03:11.350 Packets Re-Sent: 10911
2014-06-21 18:03:11.350 Sequence Errors: 0
2014-06-21 18:03:11.350 Packet Buffer Used: 21758908
2014-06-21 18:03:11.350 Physical Port: Ethernet
2014-06-21 18:03:11.350 Baler Model: 14 Software Version: 2.28
2014-06-21 18:03:11.350 MAC Address: 00:04:FB:00:02:EA
2014-06-21 18:03:11.350 Disk Size: 20000669696
2014-06-21 18:03:11.350 Percent of 1177 data files in use: 15.6
2014-06-21 18:03:11.350 Channels Enabled: 1234 Preamps ON channels:
2014-06-21 18:03:11.350 Channel Sensitivities (uV per count):
2014-06-21 18:03:11.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-21 18:03:11.350 Digitizer Calibration Results:
2014-06-21 18:03:11.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-21 18:03:11.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-21 18:03:11.350 DMU1 Software Version=10
2014-06-21 18:03:11.350 Supply Voltage=12.7
2014-06-21 18:03:11.350 Supply Current=0.41
2014-06-21 18:03:11.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-21 18:03:11.350 WebLink Data Maps Restored
2014-06-21 18:03:11.350 [2014-06-21 06:02:17.000000] sequence resumes: 6580646 to
6580646
2014-06-21 18:03:11.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-21 18:03:10
2014-06-21 18:08:33.770 Reducing Status Polling Interval
2014-06-21 18:08:33.770 [2014-06-21 18:08:32.999998] total packets received: 44334
2014-06-21 18:08:33.770 [2014-06-21 18:08:32.999998] command timeouts: 6
2014-06-21 18:08:33.770 [2014-06-21 18:08:32.999998] out of window: 62
2014-06-21 18:08:33.770 written: HHZ-1132 HH1-1342 HH2-1375 BDH-426 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-06-21 18:08:33.770 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-21 18:08:33.770 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-21 18:08:33.770 [2014-06-21 18:08:32.999998] Done: 4413 recs. seq end:
6624222. run: 318 s
2014-06-22 06:09:26.330
2014-06-22 06:09:26.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-22 06:09:26.330 Control Port 2491 Opened
2014-06-22 06:09:26.330 Baler ready on Ethernet
2014-06-22 06:09:26.330 Power Cycled Baler Acknowledged
2014-06-22 06:09:26.330 Commands Accepted by Q330
2014-06-22 06:09:26.330 Access timeout: 300 sec
2014-06-22 06:09:26.330 Control Port 4023 Opened
2014-06-22 06:09:26.330 Data Port 4024 Opened
2014-06-22 06:09:26.330 Registered with Q330
2014-06-22 06:09:26.330 Combination Record Received
2014-06-22 06:09:26.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-22 06:09:26.330 Link Reset, starting window sequence: 32299
2014-06-22 06:09:26.330 GPS Receiver ID Received
2014-06-22 06:09:26.330 Manufacturer's Data Received, Property Tag=2017
2014-06-22 06:09:26.330 Digitizer Gain & Offsets Received
2014-06-22 06:09:26.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4413 recs.
seq end: 6624222

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2014-06-22 06:09:26.330 Baler clock set to 2014-06-22 06:09:25
2014-06-22 06:09:26.330 Starting to Read DP Tokens
2014-06-22 06:09:26.330 DP Tokens loaded, size=1474 bytes
2014-06-22 06:09:26.330 Webserver advertising 192.168.200.119:5380
2014-06-22 06:09:26.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-22 06:09:26.330 filters & delay HH1:2@100,Linear all=0.320000
2014-06-22 06:09:26.330 filters & delay HH2:3@100,Linear all=0.320000
2014-06-22 06:09:26.330 filters & delay BDH:4@20,Linear all=1.650000
2014-06-22 06:09:26.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-22 06:09:26.330 filters & delay LH1:2@1,Linear all=15.000000
2014-06-22 06:09:26.330 filters & delay LH2:3@1,Linear all=15.000000
2014-06-22 06:09:26.330 filters & delay LDH:4@1,Linear all=15.000000
2014-06-22 06:09:26.330 [2014-06-21 18:08:32.999998] continuity found: 6624222
456689313.000000 Q=100
2014-06-22 06:09:26.330 [2014-06-21 18:08:32.999998] restoring continuity
2014-06-22 06:09:26.330 Sending DT_OPEN
2014-06-22 06:09:26.330 Station: XX-2017
2014-06-22 06:09:26.330 Q330 Serial Number: 0100000DB18FC351
2014-06-22 06:09:26.330 AMB Serial Number: 0100000B6909DD82
2014-06-22 06:09:26.330 Seismo 1 Serial Number: 0000000000000000
2014-06-22 06:09:26.330 Seismo 2 Serial Number: 0000000000000000
2014-06-22 06:09:26.330 QAPCHP 1 Serial Number: 4643206
2014-06-22 06:09:26.330 QAPCHP 2 Serial Number: 3743050
2014-06-22 06:09:26.330 KMI Property Tag Number: 2017
2014-06-22 06:09:26.330 System Software Version: 1.146
2014-06-22 06:09:26.330 Slave Processor Version: 1.11
2014-06-22 06:09:26.330 Calibrator Type: QCAL330
2014-06-22 06:09:26.330 Calibrator Version: 1.8
2014-06-22 06:09:26.330 Auxiliary Board Type: None
2014-06-22 06:09:26.330 Clock Type: Motorola M12
2014-06-22 06:09:26.330 PLD Version: 7.9
2014-06-22 06:09:26.330 Total Hours: 66994.61
2014-06-22 06:09:26.330 Power On Hours: 31625.00
2014-06-22 06:09:26.330 Time of Last Boot: 2014-04-06 02:03:58
2014-06-22 06:09:26.330 Total Number of Boots: 120
2014-06-22 06:09:26.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-22 06:09:26.330 Total Number of Re-Syncs: 213
2014-06-22 06:09:26.330 Status Inputs: 00000000
2014-06-22 06:09:26.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-06-22 06:09:26.330 Clock Quality: 100%
2014-06-22 06:09:26.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-22 06:09:26.330 Clock Phase: 0 usec. max allowed=50000
2014-06-22 06:09:26.330 Boom positions:
2014-06-22 06:09:26.330 Ch1: -2 Ch2: -3 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-22 06:09:26.330 Analog Status
2014-06-22 06:09:26.330 Analog Positive Supply: 5.46V
2014-06-22 06:09:26.330 Input Voltage: 13.20V
2014-06-22 06:09:26.330 System Temperature: 5C
2014-06-22 06:09:26.330 Main Current: 62ma
2014-06-22 06:09:26.330 Antenna Current: 0ma
2014-06-22 06:09:26.330 GPS Status
2014-06-22 06:09:26.330 Time: 06:09:25
2014-06-22 06:09:26.330 Date:
2014-06-22 06:09:26.330 Fix Type: 1-D
2014-06-22 06:09:26.330 Height:
2014-06-22 06:09:26.330 Latitude:
2014-06-22 06:09:26.330 Longitude:
2014-06-22 06:09:26.330 On Time: 0min
2014-06-22 06:09:26.330 Sat. Used: 0
2014-06-22 06:09:26.330 In View: 0
2014-06-22 06:09:26.330 Checksum Errors: 0
2014-06-22 06:09:26.330 Last GPS timemark: 2014-06-22 06:09:24
2014-06-22 06:09:26.330 PLL Status

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2014-06-22 06:09:26.330 State: Lock
2014-06-22 06:09:26.330 Initial VCO: 2201.662109
2014-06-22 06:09:26.330 Time Error: 0.000000
2014-06-22 06:09:26.330 RMS VCO: 0.0000000
2014-06-22 06:09:26.330 Best VCO: 2201.75
2014-06-22 06:09:26.330 Seconds Since Track or Lock: 0.0
2014-06-22 06:09:26.330 Vco Control: 2202
2014-06-22 06:09:26.330 timing mode: external seascan
2014-06-22 06:09:26.330 tempco normal
2014-06-22 06:09:26.330 PLL update: 10s PLL lock criterion: 5us
2014-06-22 06:09:26.330 Pfrac: 150.00
2014-06-22 06:09:26.330 VCO slope: -0.0175000
2014-06-22 06:09:26.330 VCO intercept: 7.1100001
2014-06-22 06:09:26.330 Km delta: 600.0000000
2014-06-22 06:09:26.330 Logical Port 4 Status
2014-06-22 06:09:26.330 Data Packets Sent: 7569730
2014-06-22 06:09:26.330 Flood Packets Sent: 0
2014-06-22 06:09:26.330 Packets Re-Sent: 10987
2014-06-22 06:09:26.330 Sequence Errors: 0
2014-06-22 06:09:26.330 Packet Buffer Used: 22109548
2014-06-22 06:09:26.330 Physical Port: Ethernet
2014-06-22 06:09:26.330 Baler Model: 14 Software Version: 2.28
2014-06-22 06:09:26.330 MAC Address: 00:04:FB:00:02:EA
2014-06-22 06:09:26.330 Disk Size: 20000669696
2014-06-22 06:09:26.330 Percent of 1177 data files in use: 15.6
2014-06-22 06:09:26.330 Channels Enabled: 1234 Preamps ON channels:
2014-06-22 06:09:26.330 Channel Sensitivities (uV per count):
2014-06-22 06:09:26.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-22 06:09:26.330 Digitizer Calibration Results:
2014-06-22 06:09:26.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-22 06:09:26.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-22 06:09:26.330 DMU1 Software Version=10
2014-06-22 06:09:26.330 Supply Voltage=12.7
2014-06-22 06:09:26.330 Supply Current=0.41
2014-06-22 06:09:26.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-22 06:09:26.330 WebLink Data Maps Restored
2014-06-22 06:09:26.330 [2014-06-21 18:08:32.999998] sequence resumes: 6624222 to
6624222
2014-06-22 06:09:26.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-22 06:09:25
2014-06-22 06:11:58.040 [2014-06-22 00:00:00.000000] Saving Configuration to Backup
Memory
2014-06-22 06:14:56.930 [2014-06-22 06:12:36.000000] total packets received: 47504
2014-06-22 06:14:56.930 [2014-06-22 06:12:36.000000] command timeouts: 6
2014-06-22 06:14:56.930 [2014-06-22 06:12:36.000000] out of window: 67
2014-06-22 06:14:56.930 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-22 06:14:56.930 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-22 06:14:56.930 [2014-06-22 06:12:36.000000] Done: 4482 recs. seq end:
6667665. run: 325 s
2014-06-22 18:15:46.360
2014-06-22 18:15:46.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-22 18:15:46.360 Control Port 2491 Opened
2014-06-22 18:15:46.360 Baler ready on Ethernet
2014-06-22 18:15:46.360 Power Cycled Baler Acknowledged
2014-06-22 18:15:46.360 Commands Accepted by Q330
2014-06-22 18:15:46.360 Access timeout: 300 sec
2014-06-22 18:15:46.360 Control Port 4023 Opened
2014-06-22 18:15:46.360 Data Port 4024 Opened
2014-06-22 18:15:46.360 Registered with Q330
2014-06-22 18:15:46.360 Combination Record Received
2014-06-22 18:15:46.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-22 18:15:46.360 Link Reset, starting window sequence: 14165

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2014-06-22 18:15:46.360 GPS Receiver ID Received  
 2014-06-22 18:15:46.360 Manufacturer's Data Received, Property Tag=2017  
 2014-06-22 18:15:46.360 Digitizer Gain & Offsets Received  
 2014-06-22 18:15:46.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4482 recs.  
 seq end: 6667665  
 2014-06-22 18:15:46.360 Baler clock set to 2014-06-22 18:15:45  
 2014-06-22 18:15:46.360 Starting to Read DP Tokens  
 2014-06-22 18:15:46.360 DP Tokens loaded, size=1474 bytes  
 2014-06-22 18:15:46.360 Webserver advertising 192.168.200.119:5380  
 2014-06-22 18:15:46.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-22 18:15:46.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-22 18:15:46.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-22 18:15:46.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-22 18:15:46.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-22 18:15:46.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-22 18:15:46.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-22 18:15:46.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-22 18:15:46.360 [2014-06-22 06:12:36.000000] continuity found: 6667665  
 456732756.000000 Q=100  
 2014-06-22 18:15:46.360 [2014-06-22 06:12:36.000000] restoring continuity  
 2014-06-22 18:15:46.360 Sending DT\_OPEN  
 2014-06-22 18:15:46.360 Station: XX-2017  
 2014-06-22 18:15:46.360 Q330 Serial Number: 0100000DB18FC351  
 2014-06-22 18:15:46.360 AMB Serial Number: 0100000B6909DD82  
 2014-06-22 18:15:46.360 Seismo 1 Serial Number: 0000000000000000  
 2014-06-22 18:15:46.360 Seismo 2 Serial Number: 0000000000000000  
 2014-06-22 18:15:46.360 QAPCHP 1 Serial Number: 4643206  
 2014-06-22 18:15:46.360 QAPCHP 2 Serial Number: 3743050  
 2014-06-22 18:15:46.360 KMI Property Tag Number: 2017  
 2014-06-22 18:15:46.360 System Software Version: 1.146  
 2014-06-22 18:15:46.360 Slave Processor Version: 1.11  
 2014-06-22 18:15:46.360 Calibrator Type: QCAL330  
 2014-06-22 18:15:46.360 Calibrator Version: 1.8  
 2014-06-22 18:15:46.360 Auxiliary Board Type: None  
 2014-06-22 18:15:46.360 Clock Type: Motorola M12  
 2014-06-22 18:15:46.360 PLD Version: 7.9  
 2014-06-22 18:15:46.360 Total Hours: 67006.72  
 2014-06-22 18:15:46.360 Power On Hours: 31637.10  
 2014-06-22 18:15:46.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-22 18:15:46.360 Total Number of Boots: 120  
 2014-06-22 18:15:46.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-22 18:15:46.360 Total Number of Re-Syncs: 213  
 2014-06-22 18:15:46.360 Status Inputs: 00000000  
 2014-06-22 18:15:46.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-22 18:15:46.360 Clock Quality: 100%  
 2014-06-22 18:15:46.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-22 18:15:46.360 Clock Phase: 0 usec. max allowed=50000  
 2014-06-22 18:15:46.360 Boom positions:  
 2014-06-22 18:15:46.360 ch1: -2 ch2: -3 ch3: 1 ch4: 20 ch5: 20 ch6: 20  
 2014-06-22 18:15:46.360 Analog Status  
 2014-06-22 18:15:46.360 Analog Positive Supply: 5.46V  
 2014-06-22 18:15:46.360 Input Voltage: 13.20V  
 2014-06-22 18:15:46.360 System Temperature: 5C  
 2014-06-22 18:15:46.360 Main Current: 62ma  
 2014-06-22 18:15:46.360 Antenna Current: 0ma  
 2014-06-22 18:15:46.360 GPS Status  
 2014-06-22 18:15:46.360 Time: 18:15:44  
 2014-06-22 18:15:46.360 Date:  
 2014-06-22 18:15:46.360 Fix Type: 1-D  
 2014-06-22 18:15:46.360 Height:  
 2014-06-22 18:15:46.360 Latitude:  
 2014-06-22 18:15:46.360 Longitude:  
 2014-06-22 18:15:46.360 On Time: 0min

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2014-06-22 18:15:46.360 Sat. Used: 0  
 2014-06-22 18:15:46.360 In View: 0  
 2014-06-22 18:15:46.360 Checksum Errors: 0  
 2014-06-22 18:15:46.360 Last GPS timemark: 2014-06-22 18:15:43  
 2014-06-22 18:15:46.360 PLL Status  
 2014-06-22 18:15:46.360 State: Lock  
 2014-06-22 18:15:46.360 Initial VCO: 2201.557861  
 2014-06-22 18:15:46.360 Time Error: 0.000000  
 2014-06-22 18:15:46.360 RMS VCO: 0.000000  
 2014-06-22 18:15:46.360 Best VCO: 2201.63  
 2014-06-22 18:15:46.360 Seconds Since Track or Lock: 0.0  
 2014-06-22 18:15:46.360 Vco Control: 2202  
 2014-06-22 18:15:46.360 timing mode: external seascan  
 2014-06-22 18:15:46.360 tempco normal  
 2014-06-22 18:15:46.360 PLL update: 10s PLL lock criterion: 5us  
 2014-06-22 18:15:46.360 Pfrac: 150.00  
 2014-06-22 18:15:46.360 VCO slope: -0.0175000  
 2014-06-22 18:15:46.360 VCO intercept: 7.1100001  
 2014-06-22 18:15:46.360 Km delta: 600.0000000  
 2014-06-22 18:15:46.360 Logical Port 4 Status  
 2014-06-22 18:15:46.360 Data Packets Sent: 7617137  
 2014-06-22 18:15:46.360 Flood Packets Sent: 0  
 2014-06-22 18:15:46.360 Packets Re-Sent: 11068  
 2014-06-22 18:15:46.360 Sequence Errors: 0  
 2014-06-22 18:15:46.360 Packet Buffer Used: 22059924  
 2014-06-22 18:15:46.360 Physical Port: Ethernet  
 2014-06-22 18:15:46.360 Baler Model: 14 Software Version: 2.28  
 2014-06-22 18:15:46.360 MAC Address: 00:04:FB:00:02:EA  
 2014-06-22 18:15:46.360 Disk Size: 20000669696  
 2014-06-22 18:15:46.360 Percent of 1177 data files in use: 15.9  
 2014-06-22 18:15:46.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-22 18:15:46.360 Channel Sensitivities (uV per count):  
 2014-06-22 18:15:46.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-22 18:15:46.360 Digitizer Calibration Results:  
 2014-06-22 18:15:46.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-22 18:15:46.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-22 18:15:46.360 DMU1 Software Version=10  
 2014-06-22 18:15:46.360 Supply Voltage=12.7  
 2014-06-22 18:15:46.360 Supply Current=0.41  
 2014-06-22 18:15:46.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-22 18:15:46.360 webLink Data Maps Restored  
 2014-06-22 18:15:46.360 [2014-06-22 06:12:36.000000] sequence resumes: 6667665 to  
 6667665  
 2014-06-22 18:15:46.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-22 18:15:45  
 2014-06-22 18:21:16.790 [2014-06-22 18:20:53.999998] total packets received: 45648  
 2014-06-22 18:21:16.790 [2014-06-22 18:20:53.999998] command timeouts: 6  
 2014-06-22 18:21:16.790 [2014-06-22 18:20:53.999998] out of window: 68  
 2014-06-22 18:21:16.790 written: HHZ-1153 HH1-1364 HH2-1394 BDH-432 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-06-22 18:21:16.790 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-06-22 18:21:16.790 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-06-22 18:21:16.790 [2014-06-22 18:20:53.999998] Done: 4478 recs. seq end:  
 6711363. run: 325 s  
 2014-06-23 06:22:07.320  
 2014-06-23 06:22:07.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-23 06:22:07.320 Control Port 2491 Opened  
 2014-06-23 06:22:07.320 Baler ready on Ethernet  
 2014-06-23 06:22:07.320 Power Cycled Baler Acknowledged  
 2014-06-23 06:22:07.320 Commands Accepted by Q330  
 2014-06-23 06:22:07.320 Access timeout: 300 sec  
 2014-06-23 06:22:07.320 Control Port 4023 Opened

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2014-06-23 06:22:07.320 Data Port 4024 Opened
2014-06-23 06:22:07.320 Registered with Q330
2014-06-23 06:22:07.320 Combination Record Received
2014-06-23 06:22:07.320 Window=4   Min. Timeout=10   Max. Timeout=30
2014-06-23 06:22:07.320 Link Reset, starting window sequence: 59710
2014-06-23 06:22:07.320 GPS Receiver ID Received
2014-06-23 06:22:07.320 Manufacturer's Data Received, Property Tag=2017
2014-06-23 06:22:07.320 Digitizer Gain & Offsets Received
2014-06-23 06:22:07.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4478 recs.
seq end: 6711363
2014-06-23 06:22:07.320 Baler clock set to 2014-06-23 06:22:06
2014-06-23 06:22:07.320 Starting to Read DP Tokens
2014-06-23 06:22:07.320 DP Tokens loaded, size=1474 bytes
2014-06-23 06:22:07.320 Webserver advertising 192.168.200.119:5380
2014-06-23 06:22:07.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-23 06:22:07.320 filters & delay HH1:2@100,Linear all=0.320000
2014-06-23 06:22:07.320 filters & delay HH2:3@100,Linear all=0.320000
2014-06-23 06:22:07.320 filters & delay BDH:4@20,Linear all=1.650000
2014-06-23 06:22:07.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-23 06:22:07.320 filters & delay LH1:2@1,Linear all=15.000000
2014-06-23 06:22:07.320 filters & delay LH2:3@1,Linear all=15.000000
2014-06-23 06:22:07.320 filters & delay LDH:4@1,Linear all=15.000000
2014-06-23 06:22:07.320 [2014-06-22 18:20:53.999998] continuity found: 6711363
456776454.000000 Q=100
2014-06-23 06:22:07.320 [2014-06-22 18:20:53.999998] restoring continuity
2014-06-23 06:22:07.320 Sending DT_OPEN
2014-06-23 06:22:07.320 Station: XX-2017
2014-06-23 06:22:07.320 Q330 Serial Number: 0100000DB18FC351
2014-06-23 06:22:07.320 AMB Serial Number: 0100000B6909DD82
2014-06-23 06:22:07.320 Seismo 1 Serial Number: 0000000000000000
2014-06-23 06:22:07.320 Seismo 2 Serial Number: 0000000000000000
2014-06-23 06:22:07.320 QAPCHP 1 Serial Number: 4643206
2014-06-23 06:22:07.320 QAPCHP 2 Serial Number: 3743050
2014-06-23 06:22:07.320 KMI Property Tag Number: 2017
2014-06-23 06:22:07.320 System Software Version: 1.146
2014-06-23 06:22:07.320 Slave Processor Version: 1.11
2014-06-23 06:22:07.320 Calibrator Type: QCAL330
2014-06-23 06:22:07.320 Calibrator Version: 1.8
2014-06-23 06:22:07.320 Auxiliary Board Type: None
2014-06-23 06:22:07.320 Clock Type: Motorola M12
2014-06-23 06:22:07.320 PLD Version: 7.9
2014-06-23 06:22:07.320 Total Hours: 67018.82
2014-06-23 06:22:07.320 Power On Hours: 31649.21
2014-06-23 06:22:07.320 Time of Last Boot: 2014-04-06 02:03:58
2014-06-23 06:22:07.320 Total Number of Boots: 120
2014-06-23 06:22:07.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-23 06:22:07.320 Total Number of Re-Syncs: 213
2014-06-23 06:22:07.320 Status Inputs: 00000000
2014-06-23 06:22:07.320 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-06-23 06:22:07.320 Clock Quality: 100%
2014-06-23 06:22:07.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-23 06:22:07.320 Clock Phase: 0 usec. max allowed=50000
2014-06-23 06:22:07.320 Boom positions:
2014-06-23 06:22:07.320 ch1: -2 ch2: -3 ch3: 2 ch4: 20 ch5: 20 ch6: 20
2014-06-23 06:22:07.320 Analog Status
2014-06-23 06:22:07.320 Analog Positive Supply: 5.46V
2014-06-23 06:22:07.320 Input Voltage: 13.20V
2014-06-23 06:22:07.320 System Temperature: 5C
2014-06-23 06:22:07.320 Main Current: 62ma
2014-06-23 06:22:07.320 Antenna Current: 0ma
2014-06-23 06:22:07.320 GPS Status
2014-06-23 06:22:07.320 Time: 06:22:06
2014-06-23 06:22:07.320 Date:

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2014-06-23 06:22:07.320 Fix Type: 1-D
2014-06-23 06:22:07.320 Height:
2014-06-23 06:22:07.320 Latitude:
2014-06-23 06:22:07.320 Longitude:
2014-06-23 06:22:07.320 On Time: 0min
2014-06-23 06:22:07.320 Sat. Used: 0
2014-06-23 06:22:07.320 In View: 0
2014-06-23 06:22:07.320 Checksum Errors: 0
2014-06-23 06:22:07.320 Last GPS timemark: 2014-06-23 06:22:05
2014-06-23 06:22:07.320 State: Lock
2014-06-23 06:22:07.320 Initial VCO: 2201.019531
2014-06-23 06:22:07.320 Time Error: 0.000000
2014-06-23 06:22:07.320 RMS VCO: 0.000000
2014-06-23 06:22:07.320 Best VCO: 2201.00
2014-06-23 06:22:07.320 Seconds Since Track or Lock: 0.0
2014-06-23 06:22:07.320 Vco Control: 2201
2014-06-23 06:22:07.320 timing mode: external seascan
2014-06-23 06:22:07.320 tempco normal
2014-06-23 06:22:07.320 PLL update: 10s PLL lock criterion: 5us
2014-06-23 06:22:07.320 Pfrac: 150.00
2014-06-23 06:22:07.320 VCO slope: -0.0175000
2014-06-23 06:22:07.320 VCO intercept: 7.1100001
2014-06-23 06:22:07.320 Km delta: 600.0000000
2014-06-23 06:22:07.320 Logical Port 4 Status
2014-06-23 06:22:07.320 Data Packets Sent: 7662687
2014-06-23 06:22:07.320 Flood Packets Sent: 0
2014-06-23 06:22:07.320 Packets Re-Sent: 11154
2014-06-23 06:22:07.320 Sequence Errors: 0
2014-06-23 06:22:07.320 Packet Buffer Used: 21803076
2014-06-23 06:22:07.320 Physical Port: Ethernet
2014-06-23 06:22:07.320 Baler Model: 14 Software Version: 2.28
2014-06-23 06:22:07.320 MAC Address: 00:04:FB:00:02:EA
2014-06-23 06:22:07.320 Disk Size: 20000669696
2014-06-23 06:22:07.320 Percent of 1177 data files in use: 16.0
2014-06-23 06:22:07.320 Channels Enabled: 1234 Preamps ON channels:
2014-06-23 06:22:07.320 Channel Sensitivities (uV per count):
2014-06-23 06:22:07.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-23 06:22:07.320 Digitizer Calibration Results:
2014-06-23 06:22:07.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-23 06:22:07.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-23 06:22:07.320 DMU1 Software Version=10
2014-06-23 06:22:07.320 Supply Voltage=12.7
2014-06-23 06:22:07.320 Supply Current=0.41
2014-06-23 06:22:07.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-23 06:22:07.320 WebLink Data Maps Restored
2014-06-23 06:22:07.320 [2014-06-22 18:20:53.999998] sequence resumes: 6711363 to
6711363
2014-06-23 06:22:07.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-23 06:22:06
2014-06-23 06:24:40.020 [2014-06-23 00:00:00.000001] Saving Configuration to Backup
Memory
2014-06-23 06:27:30.290 Reducing Status Polling Interval
2014-06-23 06:27:30.290 [2014-06-23 06:27:30.000000] total packets received: 45220
2014-06-23 06:27:30.290 [2014-06-23 06:27:30.000000] command timeouts: 6
2014-06-23 06:27:30.290 [2014-06-23 06:27:30.000000] out of window: 56
2014-06-23 06:27:30.290 written: HHZ-1140 HH1-1329 HH2-1383 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-23 06:27:30.290 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-23 06:27:30.290 written: VM2-2 LOG-3 ACE-2 OCF-2
2014-06-23 06:27:30.290 [2014-06-23 06:27:30.000000] Done: 4431 recs. seq end:
6754959. run: 319 s
2014-06-23 18:28:23.340

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2014-06-23 18:28:23.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-23 18:28:23.340 Control Port 2491 Opened
2014-06-23 18:28:23.340 Baler ready on Ethernet
2014-06-23 18:28:23.340 Power Cycled Baler Acknowledged
2014-06-23 18:28:23.340 Commands Accepted by Q330
2014-06-23 18:28:23.340 Access timeout: 300 sec
2014-06-23 18:28:23.340 Control Port 4023 Opened
2014-06-23 18:28:23.340 Data Port 4024 Opened
2014-06-23 18:28:23.340 Registered with Q330
2014-06-23 18:28:23.340 Combination Record Received
2014-06-23 18:28:23.340 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-23 18:28:23.340 Link Reset, starting window sequence: 39302
2014-06-23 18:28:23.340 GPS Receiver ID Received
2014-06-23 18:28:23.340 Manufacturer's Data Received, Property Tag=2017
2014-06-23 18:28:23.340 Digitizer Gain & Offsets Received
2014-06-23 18:28:23.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4431 recs.
seq end: 6754959
2014-06-23 18:28:23.340 Baler clock set to 2014-06-23 18:28:22
2014-06-23 18:28:23.340 Starting to Read DP Tokens
2014-06-23 18:28:23.340 DP Tokens loaded, size=1474 bytes
2014-06-23 18:28:23.340 Webserver advertising 192.168.200.119:5380
2014-06-23 18:28:23.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-23 18:28:23.340 filters & delay HH1:2@100,Linear all=0.320000
2014-06-23 18:28:23.340 filters & delay HH2:3@100,Linear all=0.320000
2014-06-23 18:28:23.340 filters & delay BDH:4@20,Linear all=1.650000
2014-06-23 18:28:23.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-23 18:28:23.340 filters & delay LH1:2@1,Linear all=15.000000
2014-06-23 18:28:23.340 filters & delay LH2:3@1,Linear all=15.000000
2014-06-23 18:28:23.340 filters & delay LDH:4@1,Linear all=15.000000
2014-06-23 18:28:23.340 [2014-06-23 06:27:30.000000] continuity found: 6754959
456820050.000000 Q=100
2014-06-23 18:28:23.340 [2014-06-23 06:27:30.000000] restoring continuity
2014-06-23 18:28:23.340 Sending DT_OPEN
2014-06-23 18:28:23.340 Station: XX-2017
2014-06-23 18:28:23.340 Q330 Serial Number: 0100000DB18FC351
2014-06-23 18:28:23.340 AMB Serial Number: 0100000B6909DD82
2014-06-23 18:28:23.340 Seismo 1 Serial Number: 0000000000000000
2014-06-23 18:28:23.340 Seismo 2 Serial Number: 0000000000000000
2014-06-23 18:28:23.340 QAPCHP 1 Serial Number: 4643206
2014-06-23 18:28:23.340 QAPCHP 2 Serial Number: 3743050
2014-06-23 18:28:23.340 KMI Property Tag Number: 2017
2014-06-23 18:28:23.340 System Software Version: 1.146
2014-06-23 18:28:23.340 Slave Processor Version: 1.11
2014-06-23 18:28:23.340 Calibrator Type: QCAL330
2014-06-23 18:28:23.340 Calibrator Version: 1.8
2014-06-23 18:28:23.340 Auxiliary Board Type: None
2014-06-23 18:28:23.340 Clock Type: Motorola M12
2014-06-23 18:28:23.340 PLD Version: 7.9
2014-06-23 18:28:23.340 Total Hours: 67030.93
2014-06-23 18:28:23.340 Power On Hours: 31661.31
2014-06-23 18:28:23.340 Time of Last Boot: 2014-04-06 02:03:58
2014-06-23 18:28:23.340 Total Number of Boots: 120
2014-06-23 18:28:23.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-23 18:28:23.340 Total Number of Re-Syncs: 213
2014-06-23 18:28:23.340 Status Inputs: 00000000
2014-06-23 18:28:23.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-23 18:28:23.340 Clock Quality: 100%
2014-06-23 18:28:23.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-23 18:28:23.340 Clock Phase: 0 usec. max allowed=50000
2014-06-23 18:28:23.340 Boom positions:
2014-06-23 18:28:23.340 Ch1: -2 Ch2: -4 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-23 18:28:23.340 Analog Status
2014-06-23 18:28:23.340 Analog Positive Supply: 5.46V

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2014-06-23 18:28:23.340 Input Voltage: 13.35V
2014-06-23 18:28:23.340 System Temperature: 5C
2014-06-23 18:28:23.340 Main Current: 62ma
2014-06-23 18:28:23.340 Antenna Current: 0ma
2014-06-23 18:28:23.340 GPS Status
2014-06-23 18:28:23.340 Time: 18:28:22
2014-06-23 18:28:23.340 Date:
2014-06-23 18:28:23.340 Fix Type: 1-D
2014-06-23 18:28:23.340 Height:
2014-06-23 18:28:23.340 Latitude:
2014-06-23 18:28:23.340 Longitude:
2014-06-23 18:28:23.340 On Time: 0min
2014-06-23 18:28:23.340 Sat. Used: 0
2014-06-23 18:28:23.340 In View: 0
2014-06-23 18:28:23.340 Checksum Errors: 0
2014-06-23 18:28:23.340 Last GPS timemark: 2014-06-23 18:28:21
2014-06-23 18:28:23.340 PLL Status
2014-06-23 18:28:23.340 State: Lock
2014-06-23 18:28:23.340 Initial VCO: 2201.330078
2014-06-23 18:28:23.340 Time Error: 0.000000
2014-06-23 18:28:23.340 RMS VCO: 0.0000000
2014-06-23 18:28:23.340 Best VCO: 2201.34
2014-06-23 18:28:23.340 Seconds Since Track or Lock: 0.0
2014-06-23 18:28:23.340 Vco Control: 2201
2014-06-23 18:28:23.340 timing mode: external seascan
2014-06-23 18:28:23.340 tempco normal
2014-06-23 18:28:23.340 PLL update: 10s PLL lock criterion: 5us
2014-06-23 18:28:23.340 Pfrac: 150.00
2014-06-23 18:28:23.340 VCO slope: -0.0175000
2014-06-23 18:28:23.340 VCO intercept: 7.1100001
2014-06-23 18:28:23.340 Km delta: 600.0000000
2014-06-23 18:28:23.340 Logical Port 4 Status
2014-06-23 18:28:23.340 Data Packets Sent: 7707821
2014-06-23 18:28:23.340 Flood Packets Sent: 0
2014-06-23 18:28:23.340 Packets Re-Sent: 11224
2014-06-23 18:28:23.340 Sequence Errors: 0
2014-06-23 18:28:23.340 Packet Buffer Used: 21842112
2014-06-23 18:28:23.340 Physical Port: Ethernet
2014-06-23 18:28:23.340 Baler Model: 14 Software Version: 2.28
2014-06-23 18:28:23.340 MAC Address: 00:04:FB:00:02:EA
2014-06-23 18:28:23.340 Disk Size: 20000669696
2014-06-23 18:28:23.340 Percent of 1177 data files in use: 16.0
2014-06-23 18:28:23.340 Channels Enabled: 1234 Preamps ON channels:
2014-06-23 18:28:23.340 Channel Sensitivities (uV per count):
2014-06-23 18:28:23.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-23 18:28:23.340 Digitizer Calibration Results:
2014-06-23 18:28:23.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-23 18:28:23.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-23 18:28:23.340 DMU1 Software Version=10
2014-06-23 18:28:23.340 Supply Voltage=12.6
2014-06-23 18:28:23.340 Supply Current=0.41
2014-06-23 18:28:23.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-23 18:28:23.340 WebLink Data Maps Restored
2014-06-23 18:28:23.340 [2014-06-23 06:27:30.000000] sequence resumes: 6754959 to
6754959
2014-06-23 18:28:23.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-23 18:28:22
2014-06-23 18:33:41.030 Reducing Status Polling Interval
2014-06-23 18:33:41.030 [2014-06-23 18:33:39.999998] total packets received: 44830
2014-06-23 18:33:41.030 [2014-06-23 18:33:39.999998] command timeouts: 6
2014-06-23 18:33:41.030 [2014-06-23 18:33:39.999998] out of window: 50
2014-06-23 18:33:41.030 written: HHZ-1144 HH1-1334 HH2-1373 BDH-441 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2

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2014-06-23 18:33:41.030 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-27 VMZ-2 VM1-2

2014-06-23 18:33:41.030 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1

2014-06-23 18:33:41.030 [2014-06-23 18:33:39.999998] Done: 4435 recs. seq end: 6798529. run: 314 s

2014-06-24 06:34:35.350

2014-06-24 06:34:35.350 Quanterra Packet Baler Model 14 Restart. Version 2.28

2014-06-24 06:34:35.350 Control Port 2491 Opened

2014-06-24 06:34:35.350 Baler ready on Ethernet

2014-06-24 06:34:35.350 Power Cycled Baler Acknowledged

2014-06-24 06:34:35.350 Commands Accepted by Q330

2014-06-24 06:34:35.350 Access timeout: 300 sec

2014-06-24 06:34:35.350 Control Port 4023 Opened

2014-06-24 06:34:35.350 Data Port 4024 Opened

2014-06-24 06:34:35.350 Registered with Q330

2014-06-24 06:34:35.350 Combination Record Received

2014-06-24 06:34:35.350 window=4 Min. Timeout=10 Max. Timeout=30

2014-06-24 06:34:35.350 Link Reset, starting window sequence: 18511

2014-06-24 06:34:35.350 GPS Receiver ID Received

2014-06-24 06:34:35.350 Manufacturer's Data Received, Property Tag=2017

2014-06-24 06:34:35.350 Digitizer Gain & Offsets Received

2014-06-24 06:34:35.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4435 recs. seq end: 6798529

2014-06-24 06:34:35.350 Baler clock set to 2014-06-24 06:34:34

2014-06-24 06:34:35.350 Starting to Read DP Tokens

2014-06-24 06:34:35.350 DP Tokens loaded, size=1474 bytes

2014-06-24 06:34:35.350 Webserver advertising 192.168.200.119:5380

2014-06-24 06:34:35.350 filters & delay HHZ:1@100,Linear all=0.320000

2014-06-24 06:34:35.350 filters & delay HH1:2@100,Linear all=0.320000

2014-06-24 06:34:35.350 filters & delay HH2:3@100,Linear all=0.320000

2014-06-24 06:34:35.350 filters & delay BDH:4@20,Linear all=1.650000

2014-06-24 06:34:35.350 filters & delay LHZ:1@1,Linear all=15.000000

2014-06-24 06:34:35.350 filters & delay LH1:2@1,Linear all=15.000000

2014-06-24 06:34:35.350 filters & delay LH2:3@1,Linear all=15.000000

2014-06-24 06:34:35.350 [2014-06-23 18:33:39.999998] continuity found: 6798529 456863620.000000 Q=100

2014-06-24 06:34:35.350 [2014-06-23 18:33:39.999998] restoring continuity

2014-06-24 06:34:35.350 Sending DT\_OPEN

2014-06-24 06:34:35.350 Station: XX-2017

2014-06-24 06:34:35.350 Q330 Serial Number: 0100000DB18FC351

2014-06-24 06:34:35.350 AMB Serial Number: 0100000B6909DD82

2014-06-24 06:34:35.350 Seismo 1 Serial Number: 0000000000000000

2014-06-24 06:34:35.350 Seismo 2 Serial Number: 0000000000000000

2014-06-24 06:34:35.350 QAPCHP 1 Serial Number: 4643206

2014-06-24 06:34:35.350 QAPCHP 2 Serial Number: 3743050

2014-06-24 06:34:35.350 KMI Property Tag Number: 2017

2014-06-24 06:34:35.350 System Software Version: 1.146

2014-06-24 06:34:35.350 Slave Processor Version: 1.11

2014-06-24 06:34:35.350 Calibrator Type: QCAL330

2014-06-24 06:34:35.350 Calibrator Version: 1.8

2014-06-24 06:34:35.350 Auxiliary Board Type: None

2014-06-24 06:34:35.350 Clock Type: Motorola M12

2014-06-24 06:34:35.350 PLD Version: 7.9

2014-06-24 06:34:35.350 Total Hours: 67043.03

2014-06-24 06:34:35.350 Power On Hours: 31673.42

2014-06-24 06:34:35.350 Time of Last Boot: 2014-04-06 02:03:58

2014-06-24 06:34:35.350 Total Number of Boots: 120

2014-06-24 06:34:35.350 Time of Last Re-Sync: 2014-04-06 02:17:08

2014-06-24 06:34:35.350 Total Number of Re-Syncs: 213

2014-06-24 06:34:35.350 Status Inputs: 00000000

2014-06-24 06:34:35.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off

2014-06-24 06:34:35.350 Clock quality: 100%

2014-06-24 06:34:35.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

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2014-06-24 06:34:35.350 Clock Phase: 0 usec. max allowed=50000  
 2014-06-24 06:34:35.350 Boom positions:  
 2014-06-24 06:34:35.350 Ch1: -2 Ch2: -4 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-24 06:34:35.350 Analog Status  
 2014-06-24 06:34:35.350 Analog Positive Supply: 5.46V  
 2014-06-24 06:34:35.350 Input Voltage: 13.20V  
 2014-06-24 06:34:35.350 System Temperature: 5C  
 2014-06-24 06:34:35.350 Main Current: 62ma  
 2014-06-24 06:34:35.350 Antenna Current: 0ma  
 2014-06-24 06:34:35.350 GPS Status  
 2014-06-24 06:34:35.350 Time: 06:34:34  
 2014-06-24 06:34:35.350 Date:  
 2014-06-24 06:34:35.350 Fix Type: 1-D  
 2014-06-24 06:34:35.350 Height:  
 2014-06-24 06:34:35.350 Latitude:  
 2014-06-24 06:34:35.350 Longitude:  
 2014-06-24 06:34:35.350 On Time: 0min  
 2014-06-24 06:34:35.350 Sat. Used: 0  
 2014-06-24 06:34:35.350 In View: 0  
 2014-06-24 06:34:35.350 Checksum Errors: 0  
 2014-06-24 06:34:35.350 Last GPS timemark: 2014-06-24 06:34:33  
 2014-06-24 06:34:35.350 PLL Status  
 2014-06-24 06:34:35.350 State: Lock  
 2014-06-24 06:34:35.350 Initial VCO: 2201.491699  
 2014-06-24 06:34:35.350 Time Error: 0.000002  
 2014-06-24 06:34:35.350 RMS VCO: 0.0000000  
 2014-06-24 06:34:35.350 Best VCO: 2201.25  
 2014-06-24 06:34:35.350 Seconds Since Track or Lock: 0.0  
 2014-06-24 06:34:35.350 Vco Control: 2201  
 2014-06-24 06:34:35.350 timing mode: external seascan  
 2014-06-24 06:34:35.350 tempco normal  
 2014-06-24 06:34:35.350 PLL update: 10s PLL lock criterion: 5us  
 2014-06-24 06:34:35.350 Pfrac: 150.00  
 2014-06-24 06:34:35.350 VCO slope: -0.0175000  
 2014-06-24 06:34:35.350 VCO intercept: 7.1100001  
 2014-06-24 06:34:35.350 km delta: 600.0000000  
 2014-06-24 06:34:35.350 Logical Port 4 Status  
 2014-06-24 06:34:35.350 Data Packets Sent: 7752571  
 2014-06-24 06:34:35.350 Flood Packets Sent: 0  
 2014-06-24 06:34:35.350 Packets Re-Sent: 11289  
 2014-06-24 06:34:35.350 Sequence Errors: 0  
 2014-06-24 06:34:35.350 Packet Buffer Used: 22591532  
 2014-06-24 06:34:35.350 Physical Port: Ethernet  
 2014-06-24 06:34:35.350 Baler Model: 14 Software Version: 2.28  
 2014-06-24 06:34:35.350 MAC Address: 00:04:FB:00:02:EA  
 2014-06-24 06:34:35.350 Disk Size: 20000669696  
 2014-06-24 06:34:35.350 Percent of 1177 data files in use: 16.1  
 2014-06-24 06:34:35.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-24 06:34:35.350 Channel Sensitivities (uV per count):  
 2014-06-24 06:34:35.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-24 06:34:35.350 Digitizer Calibration Results:  
 2014-06-24 06:34:35.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-24 06:34:35.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-24 06:34:35.350 DMU1 Software Version=10  
 2014-06-24 06:34:35.350 Supply voltage=12.7  
 2014-06-24 06:34:35.350 Supply Current=0.41  
 2014-06-24 06:34:35.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-24 06:34:35.350 webLink Data Maps Restored  
 2014-06-24 06:34:35.350 [2014-06-23 18:33:39.999998] sequence resumes: 6798529 to  
 6798529  
 2014-06-24 06:34:35.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-24 06:34:34  
 2014-06-24 06:34:35.350 Reducing Status Polling Interval

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2014-06-24 06:37:03.980 [2014-06-24 00:00:00.000000] Saving Configuration to Backup
Memory
2014-06-24 06:40:11.170 [2014-06-24 06:35:46.000000] total packets received: 48545
2014-06-24 06:40:11.170 [2014-06-24 06:35:46.000000] command timeouts: 6
2014-06-24 06:40:11.170 [2014-06-24 06:35:46.000000] out of window: 80
2014-06-24 06:40:11.170 written: HHZ-1182 HH1-1399 HH2-1423 BDH-440 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-06-24 06:40:11.170 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-28
VMZ-1 VM1-1
2014-06-24 06:40:11.170 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-24 06:40:11.170 [2014-06-24 06:35:46.000000] Done: 4589 recs. seq end:
6841855. run: 330 s
2014-06-24 18:41:03.350
2014-06-24 18:41:03.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-24 18:41:03.350 Control Port 2491 Opened
2014-06-24 18:41:03.350 Baler ready on Ethernet
2014-06-24 18:41:03.350 Power Cycled Baler Acknowledged
2014-06-24 18:41:03.350 Commands Accepted by Q330
2014-06-24 18:41:03.350 Access timeout: 300 sec
2014-06-24 18:41:03.350 Control Port 4023 Opened
2014-06-24 18:41:03.350 Data Port 4024 Opened
2014-06-24 18:41:03.350 Registered with Q330
2014-06-24 18:41:03.350 Combination Record Received
2014-06-24 18:41:03.350 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-24 18:41:03.350 Link Reset, starting window sequence: 1364
2014-06-24 18:41:03.350 GPS Receiver ID Received
2014-06-24 18:41:03.350 Manufacturer's Data Received, Property Tag=2017
2014-06-24 18:41:03.350 Digitizer Gain & Offsets Received
2014-06-24 18:41:03.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4589 recs.
seq end: 6841855
2014-06-24 18:41:03.350 Baler clock set to 2014-06-24 18:41:02
2014-06-24 18:41:03.350 Starting to Read DP Tokens
2014-06-24 18:41:03.350 DP Tokens loaded, size=1474 bytes
2014-06-24 18:41:03.350 webserver advertising 192.168.200.119:5380
2014-06-24 18:41:03.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-24 18:41:03.350 filters & delay HH1:2@100,Linear all=0.320000
2014-06-24 18:41:03.350 filters & delay HH2:3@100,Linear all=0.320000
2014-06-24 18:41:03.350 filters & delay BDH:4@20,Linear all=1.650000
2014-06-24 18:41:03.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-24 18:41:03.350 filters & delay LH1:2@1,Linear all=15.000000
2014-06-24 18:41:03.350 filters & delay LH2:3@1,Linear all=15.000000
2014-06-24 18:41:03.350 filters & delay LDH:4@1,Linear all=15.000000
2014-06-24 18:41:03.350 [2014-06-24 06:35:46.000000] continuity found: 6841855
456906946.000000 q=100
2014-06-24 18:41:03.350 [2014-06-24 06:35:46.000000] restoring continuity
2014-06-24 18:41:03.350 Sending DT_OPEN
2014-06-24 18:41:03.350 Station: XX-2017
2014-06-24 18:41:03.350 Q330 Serial Number: 0100000DB18FC351
2014-06-24 18:41:03.350 AMB Serial Number: 0100000B6909DD82
2014-06-24 18:41:03.350 Seismo 1 Serial Number: 0000000000000000
2014-06-24 18:41:03.350 Seismo 2 Serial Number: 0000000000000000
2014-06-24 18:41:03.350 QAPCHP 1 Serial Number: 4643206
2014-06-24 18:41:03.350 QAPCHP 2 Serial Number: 3743050
2014-06-24 18:41:03.350 KMI Property Tag Number: 2017
2014-06-24 18:41:03.350 System Software Version: 1.146
2014-06-24 18:41:03.350 Slave Processor Version: 1.11
2014-06-24 18:41:03.350 Calibrator Type: QCAL330
2014-06-24 18:41:03.350 Calibrator Version: 1.8
2014-06-24 18:41:03.350 Auxiliary Board Type: None
2014-06-24 18:41:03.350 Clock Type: Motorola M12
2014-06-24 18:41:03.350 PLD Version: 7.9
2014-06-24 18:41:03.350 Total Hours: 67055.14
2014-06-24 18:41:03.350 Power On Hours: 31685.52

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2014-06-24 18:41:03.350 Time of Last Boot: 2014-04-06 02:03:58
2014-06-24 18:41:03.350 Total Number of Boots: 120
2014-06-24 18:41:03.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-24 18:41:03.350 Total Number of Re-Syncs: 213
2014-06-24 18:41:03.350 Status Inputs: 00000000
2014-06-24 18:41:03.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-24 18:41:03.350 Clock Quality: 100%
2014-06-24 18:41:03.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-24 18:41:03.350 Clock Phase: 0 usec. max allowed=50000
2014-06-24 18:41:03.350 Boom positions:
2014-06-24 18:41:03.350 ch1: -2 ch2: -4 ch3: 4 ch4: 20 ch5: 20 ch6: 20
2014-06-24 18:41:03.350 Analog Status
2014-06-24 18:41:03.350 Analog Positive Supply: 5.46V
2014-06-24 18:41:03.350 Input Voltage: 13.35V
2014-06-24 18:41:03.350 System Temperature: 5C
2014-06-24 18:41:03.350 Main Current: 62ma
2014-06-24 18:41:03.350 Antenna Current: 0ma
2014-06-24 18:41:03.350 GPS Status
2014-06-24 18:41:03.350 Time: 18:41:02
2014-06-24 18:41:03.350 Date:
2014-06-24 18:41:03.350 Fix Type: 1-D
2014-06-24 18:41:03.350 Height:
2014-06-24 18:41:03.350 Latitude:
2014-06-24 18:41:03.350 Longitude:
2014-06-24 18:41:03.350 On Time: 0min
2014-06-24 18:41:03.350 Sat. Used: 0
2014-06-24 18:41:03.350 In View: 0
2014-06-24 18:41:03.350 Checksum Errors: 0
2014-06-24 18:41:03.350 Last GPS timemark: 2014-06-24 18:41:01
2014-06-24 18:41:03.350 PLL Status
2014-06-24 18:41:03.350 State: Lock
2014-06-24 18:41:03.350 Initial VCO: 2201.565430
2014-06-24 18:41:03.350 Time Error: 0.000000
2014-06-24 18:41:03.350 RMS VCO: 0.0000000
2014-06-24 18:41:03.350 Best VCO: 2201.64
2014-06-24 18:41:03.350 Seconds Since Track or Lock: 0.0
2014-06-24 18:41:03.350 Vco Control: 2201
2014-06-24 18:41:03.350 timing mode: external seascan
2014-06-24 18:41:03.350 tempco normal
2014-06-24 18:41:03.350 PLL update: 10s PLL lock criterion: 5us
2014-06-24 18:41:03.350 Pfrac: 150.00
2014-06-24 18:41:03.350 VCO slope: -0.0175000
2014-06-24 18:41:03.350 VCO intercept: 7.1100001
2014-06-24 18:41:03.350 Km delta: 600.0000000
2014-06-24 18:41:03.350 Logical Port 4 Status
2014-06-24 18:41:03.350 Data Packets Sent: 7800965
2014-06-24 18:41:03.350 Flood Packets Sent: 0
2014-06-24 18:41:03.350 Packets Re-Sent: 11388
2014-06-24 18:41:03.350 Sequence Errors: 0
2014-06-24 18:41:03.350 Packet Buffer Used: 21428620
2014-06-24 18:41:03.350 Physical Port: Ethernet
2014-06-24 18:41:03.350 Baler Model: 14 Software Version: 2.28
2014-06-24 18:41:03.350 MAC Address: 00:04:FB:00:02:EA
2014-06-24 18:41:03.350 Disk Size: 20000669696
2014-06-24 18:41:03.350 Percent of 1177 data files in use: 16.3
2014-06-24 18:41:03.350 Channels Enabled: 1234 Preamps ON channels:
2014-06-24 18:41:03.350 Channel Sensitivities (uV per count):
2014-06-24 18:41:03.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-24 18:41:03.350 Digitizer Calibration Results:
2014-06-24 18:41:03.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-24 18:41:03.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-24 18:41:03.350 DMU1 Software Version=10
2014-06-24 18:41:03.350 Supply Voltage=12.7

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2014-06-24 18:41:03.350 Supply Current=0.40  
 2014-06-24 18:41:03.350 WebLink Data Maps Restored  
 2014-06-24 18:41:03.350 [2014-06-24 06:35:46.000000] sequence resumes: 6841855 to 6841855  
 2014-06-24 18:41:03.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-24 18:41:02  
 2014-06-24 18:46:23.670 Reducing Status Polling Interval  
 2014-06-24 18:46:23.670 [2014-06-24 18:46:22.999998] total packets received: 44284  
 2014-06-24 18:46:23.670 [2014-06-24 18:46:22.999998] command timeouts: 6  
 2014-06-24 18:46:23.670 [2014-06-24 18:46:22.999998] out of window: 57  
 2014-06-24 18:46:23.670 written: HHZ-1129 HH1-1293 HH2-1329 BDH-430 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-06-24 18:46:23.670 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-06-24 18:46:23.670 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-06-24 18:46:23.670 [2014-06-24 18:46:22.999998] Done: 4323 recs. seq end: 6885692. run: 316 s  
 2014-06-25 06:47:14.370  
 2014-06-25 06:47:14.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-25 06:47:14.370 Control Port 2491 Opened  
 2014-06-25 06:47:14.370 Baler ready on Ethernet  
 2014-06-25 06:47:14.370 Power Cycled Baler Acknowledged  
 2014-06-25 06:47:14.370 Commands Accepted by Q330  
 2014-06-25 06:47:14.370 Access timeout: 300 sec  
 2014-06-25 06:47:14.370 Control Port 4023 Opened  
 2014-06-25 06:47:14.370 Data Port 4024 Opened  
 2014-06-25 06:47:14.370 Registered with Q330  
 2014-06-25 06:47:14.370 Combination Record Received  
 2014-06-25 06:47:14.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-25 06:47:14.370 Link Reset, starting window sequence: 45556  
 2014-06-25 06:47:14.370 GPS Receiver ID Received  
 2014-06-25 06:47:14.370 Manufacturer's Data Received, Property Tag=2017  
 2014-06-25 06:47:14.370 Digitizer Gain & Offsets Received  
 2014-06-25 06:47:14.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4323 recs. seq end: 6885692  
 2014-06-25 06:47:14.370 Baler clock set to 2014-06-25 06:47:13  
 2014-06-25 06:47:14.370 Starting to Read DP Tokens  
 2014-06-25 06:47:14.370 DP Tokens loaded, size=1474 bytes  
 2014-06-25 06:47:14.370 Webserver advertising 192.168.200.119:5380  
 2014-06-25 06:47:14.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-25 06:47:14.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-25 06:47:14.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-25 06:47:14.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-25 06:47:14.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-25 06:47:14.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-25 06:47:14.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-25 06:47:14.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-25 06:47:14.370 [2014-06-24 18:46:22.999998] continuity found: 6885692  
 456950783.000000 Q=100  
 2014-06-25 06:47:14.370 [2014-06-24 18:46:22.999998] restoring continuity  
 2014-06-25 06:47:14.370 Sending DT\_OPEN  
 2014-06-25 06:47:14.370 Station: XX-2017  
 2014-06-25 06:47:14.370 Q330 Serial Number: 0100000DB18FC351  
 2014-06-25 06:47:14.370 AMB Serial Number: 0100000B6909DD82  
 2014-06-25 06:47:14.370 Seismo 1 Serial Number: 0000000000000000  
 2014-06-25 06:47:14.370 Seismo 2 Serial Number: 0000000000000000  
 2014-06-25 06:47:14.370 QAPCHP 1 Serial Number: 4643206  
 2014-06-25 06:47:14.370 QAPCHP 2 Serial Number: 3743050  
 2014-06-25 06:47:14.370 KMI Property Tag Number: 2017  
 2014-06-25 06:47:14.370 System Software Version: 1.146  
 2014-06-25 06:47:14.370 Slave Processor Version: 1.11  
 2014-06-25 06:47:14.370 Calibrator Type: QCAL330  
 2014-06-25 06:47:14.370 Calibrator Version: 1.8

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2014-06-25 06:47:14.370 Auxiliary Board Type: None  
 2014-06-25 06:47:14.370 Clock Type: Motorola M12  
 2014-06-25 06:47:14.370 PLD Version: 7.9  
 2014-06-25 06:47:14.370 Total Hours: 67067.24  
 2014-06-25 06:47:14.370 Power On Hours: 31697.63  
 2014-06-25 06:47:14.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-25 06:47:14.370 Total Number of Boots: 120  
 2014-06-25 06:47:14.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-25 06:47:14.370 Total Number of Re-Syncs: 213  
 2014-06-25 06:47:14.370 Status Inputs: 00000000  
 2014-06-25 06:47:14.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-25 06:47:14.370 Clock Quality: 100%  
 2014-06-25 06:47:14.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-25 06:47:14.370 Clock Phase: 0 usec. max allowed=50000  
 2014-06-25 06:47:14.370 Boom positions:  
 2014-06-25 06:47:14.370 ch1: -2 ch2: -5 ch3: 1 ch4: 20 ch5: 20 ch6: 20  
 2014-06-25 06:47:14.370 Analog Status  
 2014-06-25 06:47:14.370 Analog Positive Supply: 5.46V  
 2014-06-25 06:47:14.370 Input Voltage: 13.20V  
 2014-06-25 06:47:14.370 System Temperature: 5C  
 2014-06-25 06:47:14.370 Main Current: 62ma  
 2014-06-25 06:47:14.370 Antenna Current: 0ma  
 2014-06-25 06:47:14.370 GPS Status  
 2014-06-25 06:47:14.370 Time: 06:47:13  
 2014-06-25 06:47:14.370 Date:  
 2014-06-25 06:47:14.370 Fix Type: 1-D  
 2014-06-25 06:47:14.370 Height:  
 2014-06-25 06:47:14.370 Latitude:  
 2014-06-25 06:47:14.370 Longitude:  
 2014-06-25 06:47:14.370 On Time: 0min  
 2014-06-25 06:47:14.370 Sat. Used: 0  
 2014-06-25 06:47:14.370 In View: 0  
 2014-06-25 06:47:14.370 Checksum Errors: 0  
 2014-06-25 06:47:14.370 Last GPS timemark: 2014-06-25 06:47:12  
 2014-06-25 06:47:14.370 PLL Status  
 2014-06-25 06:47:14.370 State: Lock  
 2014-06-25 06:47:14.370 Initial VCO: 2201.910889  
 2014-06-25 06:47:14.370 Time Error: 0.000000  
 2014-06-25 06:47:14.370 RMS VCO: 0.0000000  
 2014-06-25 06:47:14.370 Best VCO: 2201.93  
 2014-06-25 06:47:14.370 Seconds Since Track or Lock: 0.0  
 2014-06-25 06:47:14.370 Vco Control: 2202  
 2014-06-25 06:47:14.370 timing mode: external seascan  
 2014-06-25 06:47:14.370 tempco normal  
 2014-06-25 06:47:14.370 PLL update: 10s PLL lock criterion: 5us  
 2014-06-25 06:47:14.370 Pfrac: 150.00  
 2014-06-25 06:47:14.370 VCO slope: -0.0175000  
 2014-06-25 06:47:14.370 VCO intercept: 7.1100001  
 2014-06-25 06:47:14.370 km delta: 600.0000000  
 2014-06-25 06:47:14.370 Logical Port 4 Status  
 2014-06-25 06:47:14.370 Data Packets Sent: 7845162  
 2014-06-25 06:47:14.370 Flood Packets Sent: 0  
 2014-06-25 06:47:14.370 Packets Re-Sent: 11462  
 2014-06-25 06:47:14.370 Sequence Errors: 0  
 2014-06-25 06:47:14.370 Packet Buffer Used: 22232804  
 2014-06-25 06:47:14.370 Physical Port: Ethernet  
 2014-06-25 06:47:14.370 Baler Model: 14 Software Version: 2.28  
 2014-06-25 06:47:14.370 MAC Address: 00:04:FB:00:02:EA  
 2014-06-25 06:47:14.370 Disk Size: 20000669696  
 2014-06-25 06:47:14.370 Percent of 1177 data files in use: 16.3  
 2014-06-25 06:47:14.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-25 06:47:14.370 Channel sensitivities (uV per count):  
 2014-06-25 06:47:14.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2014-06-25 06:47:14.370 Digitizer Calibration Results:
2014-06-25 06:47:14.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-25 06:47:14.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-25 06:47:14.370 DMU1 Software Version=10
2014-06-25 06:47:14.370 Supply Voltage=12.7
2014-06-25 06:47:14.370 Supply Current=0.41
2014-06-25 06:47:14.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-25 06:47:14.370 WebLink Data Maps Restored
2014-06-25 06:47:14.370 [2014-06-24 18:46:22.999998] sequence resumes: 6885692 to
6885692
2014-06-25 06:47:14.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-25 06:47:13
2014-06-25 06:49:35.030 [2014-06-25 00:00:00.000000] saving Configuration to Backup
Memory
2014-06-25 06:52:35.300 Reducing Status Polling Interval
2014-06-25 06:52:35.300 [2014-06-25 06:52:34.999998] total packets received: 45202
2014-06-25 06:52:35.300 [2014-06-25 06:52:34.999998] command timeouts: 6
2014-06-25 06:52:35.300 [2014-06-25 06:52:34.999998] out of window: 51
2014-06-25 06:52:35.300 written: HHZ-1159 HH1-1385 HH2-1430 BDH-419 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-25 06:52:35.300 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-25 LDH-24
VMZ-2 VM1-2
2014-06-25 06:52:35.300 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-06-25 06:52:35.300 [2014-06-25 06:52:34.999998] Done: 4536 recs. seq end:
6929264. run: 317 s
2014-06-25 18:53:29.340
2014-06-25 18:53:29.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-25 18:53:29.340 Control Port 2491 Opened
2014-06-25 18:53:29.340 Baler ready on Ethernet
2014-06-25 18:53:29.340 Power Cycled Baler Acknowledged
2014-06-25 18:53:29.340 Commands Accepted by Q330
2014-06-25 18:53:29.340 Access timeout: 300 sec
2014-06-25 18:53:29.340 Control Port 4023 Opened
2014-06-25 18:53:29.340 Data Port 4024 Opened
2014-06-25 18:53:29.340 Registered with Q330
2014-06-25 18:53:29.340 Combination Record Received
2014-06-25 18:53:29.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-25 18:53:29.340 Link Reset, starting window sequence: 25136
2014-06-25 18:53:29.340 GPS Receiver ID Received
2014-06-25 18:53:29.340 Manufacturer's Data Received, Property Tag=2017
2014-06-25 18:53:29.340 Digitizer Gain & Offsets Received
2014-06-25 18:53:29.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4536 recs.
seq end: 6929264
2014-06-25 18:53:29.340 Baler clock set to 2014-06-25 18:53:28
2014-06-25 18:53:29.340 Starting to Read DP Tokens
2014-06-25 18:53:29.340 DP Tokens loaded, size=1474 bytes
2014-06-25 18:53:29.340 webserver advertising 192.168.200.119:5380
2014-06-25 18:53:29.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-25 18:53:29.340 filters & delay HH1:2@100,Linear all=0.320000
2014-06-25 18:53:29.340 filters & delay HH2:3@100,Linear all=0.320000
2014-06-25 18:53:29.340 filters & delay BDH:4@20,Linear all=1.650000
2014-06-25 18:53:29.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-25 18:53:29.340 filters & delay LH1:2@1,Linear all=15.000000
2014-06-25 18:53:29.340 filters & delay LH2:3@1,Linear all=15.000000
2014-06-25 18:53:29.340 filters & delay LDH:4@1,Linear all=15.000000
2014-06-25 18:53:29.340 [2014-06-25 06:52:34.999998] continuity found: 6929264
456994355.000000 Q=100
2014-06-25 18:53:29.340 [2014-06-25 06:52:34.999998] restoring continuity
2014-06-25 18:53:29.340 Sending DT_OPEN
2014-06-25 18:53:29.340 Station: XX-2017
2014-06-25 18:53:29.340 Q330 Serial Number: 0100000DB18FC351
2014-06-25 18:53:29.340 AMB Serial Number: 0100000B6909DD82
2014-06-25 18:53:29.340 Seismo 1 Serial Number: 0000000000000000

```

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2014-06-25 18:53:29.340 Seismo 2 Serial Number: 0000000000000000  
 2014-06-25 18:53:29.340 QAPCHP 1 Serial Number: 4643206  
 2014-06-25 18:53:29.340 QAPCHP 2 Serial Number: 3743050  
 2014-06-25 18:53:29.340 KMI Property Tag Number: 2017  
 2014-06-25 18:53:29.340 System Software Version: 1.146  
 2014-06-25 18:53:29.340 Slave Processor Version: 1.11  
 2014-06-25 18:53:29.340 Calibrator Type: QCAL330  
 2014-06-25 18:53:29.340 Calibrator Version: 1.8  
 2014-06-25 18:53:29.340 Auxiliary Board Type: None  
 2014-06-25 18:53:29.340 Clock Type: Motorola M12  
 2014-06-25 18:53:29.340 PLD Version: 7.9  
 2014-06-25 18:53:29.340 Total Hours: 67079.35  
 2014-06-25 18:53:29.340 Power On Hours: 31709.73  
 2014-06-25 18:53:29.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-25 18:53:29.340 Total Number of Boots: 120  
 2014-06-25 18:53:29.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-25 18:53:29.340 Total Number of Re-Syncs: 213  
 2014-06-25 18:53:29.340 Status Inputs: 00000000  
 2014-06-25 18:53:29.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-06-25 18:53:29.340 Clock Quality: 100%  
 2014-06-25 18:53:29.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-25 18:53:29.340 Clock Phase: 1 usec. max allowed=50000  
 2014-06-25 18:53:29.340 Boom positions:  
 2014-06-25 18:53:29.340 Ch1: -3 Ch2: -6 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-25 18:53:29.340 Analog Positive Supply: 5.46V  
 2014-06-25 18:53:29.340 Input Voltage: 13.35V  
 2014-06-25 18:53:29.340 System Temperature: 5C  
 2014-06-25 18:53:29.340 Main Current: 62ma  
 2014-06-25 18:53:29.340 Antenna Current: 0ma  
 2014-06-25 18:53:29.340 GPS Status  
 2014-06-25 18:53:29.340 Time: 18:53:28  
 2014-06-25 18:53:29.340 Date:  
 2014-06-25 18:53:29.340 Fix Type: 1-D  
 2014-06-25 18:53:29.340 Height:  
 2014-06-25 18:53:29.340 Latitude:  
 2014-06-25 18:53:29.340 Longitude:  
 2014-06-25 18:53:29.340 On Time: 0min  
 2014-06-25 18:53:29.340 Sat. Used: 0  
 2014-06-25 18:53:29.340 In View: 0  
 2014-06-25 18:53:29.340 Checksum Errors: 0  
 2014-06-25 18:53:29.340 Last GPS timemark: 2014-06-25 18:53:27  
 2014-06-25 18:53:29.340 PLL Status  
 2014-06-25 18:53:29.340 State: Lock  
 2014-06-25 18:53:29.340 Initial VCO: 2202.117188  
 2014-06-25 18:53:29.340 Time Error: -0.000001  
 2014-06-25 18:53:29.340 RMS VCO: 0.0000000  
 2014-06-25 18:53:29.340 Best VCO: 2202.08  
 2014-06-25 18:53:29.340 Seconds Since Track or Lock: 0.0  
 2014-06-25 18:53:29.340 Vco Control: 2202  
 2014-06-25 18:53:29.340 timing mode: external seascan  
 2014-06-25 18:53:29.340 tempco normal  
 2014-06-25 18:53:29.340 PLL update: 10s PLL lock criterion: 5us  
 2014-06-25 18:53:29.340 Pfrac: 150.00  
 2014-06-25 18:53:29.340 VCO slope: -0.0175000  
 2014-06-25 18:53:29.340 VCO intercept: 7.1100001  
 2014-06-25 18:53:29.340 Km delta: 600.0000000  
 2014-06-25 18:53:29.340 Logical Port 4 Status  
 2014-06-25 18:53:29.340 Data Packets Sent: 7890283  
 2014-06-25 18:53:29.340 Flood Packets Sent: 0  
 2014-06-25 18:53:29.340 Packets Re-Sent: 11527  
 2014-06-25 18:53:29.340 Sequence Errors: 0  
 2014-06-25 18:53:29.340 Packet Buffer Used: 21851016  
 2014-06-25 18:53:29.340 Physical Port: Ethernet



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2014-06-25 18:53:29.340 Baler Model: 14 Software Version: 2.28  
 2014-06-25 18:53:29.340 MAC Address: 00:04:FB:00:02:EA  
 2014-06-25 18:53:29.340 Disk Size: 20000669696  
 2014-06-25 18:53:29.340 Percent of 1177 data files in use: 16.5  
 2014-06-25 18:53:29.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-25 18:53:29.340 Channel Sensitivities (uV per count):  
 2014-06-25 18:53:29.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-25 18:53:29.340 Digitizer Calibration Results:  
 2014-06-25 18:53:29.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-25 18:53:29.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-25 18:53:29.340 DMU1 Software Version=10  
 2014-06-25 18:53:29.340 Supply Voltage=12.8  
 2014-06-25 18:53:29.340 Supply Current=0.41  
 2014-06-25 18:53:29.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-25 18:53:29.340 WebLink Data Maps Restored  
 2014-06-25 18:53:29.340 [2014-06-25 06:52:34.999998] sequence resumes: 6929264 to 6929264  
 2014-06-25 18:53:29.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-25 18:53:28  
 2014-06-25 18:57:10.260 Reducing Status Polling Interval  
 2014-06-25 18:58:49.890 [2014-06-25 18:51:54.000001] total packets received: 44748  
 2014-06-25 18:58:49.890 [2014-06-25 18:51:54.000001] command timeouts: 6  
 2014-06-25 18:58:49.890 [2014-06-25 18:51:54.000001] out of window: 64  
 2014-06-25 18:58:49.890 written: HHZ-1147 HH1-1331 HH2-1372 BDH-409 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-06-25 18:58:49.890 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-23 LDH-24  
 VMZ-1 VM1-1  
 2014-06-25 18:58:49.890 written: VM2-1 OAC-1 LOG-3 ACE-1 OCF-1  
 2014-06-25 18:58:49.890 [2014-06-25 18:51:54.000001] Done: 4391 recs. seq end: 6972423. run: 316 s  
 2014-06-26 06:59:41.360  
 2014-06-26 06:59:41.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-26 06:59:41.360 Control Port 2491 Opened  
 2014-06-26 06:59:41.360 Baler ready on Ethernet  
 2014-06-26 06:59:41.360 Power Cycled Baler Acknowledged  
 2014-06-26 06:59:41.360 Commands Accepted by Q330  
 2014-06-26 06:59:41.360 Access timeout: 300 sec  
 2014-06-26 06:59:41.360 Control Port 4023 Opened  
 2014-06-26 06:59:41.360 Data Port 4024 Opened  
 2014-06-26 06:59:41.360 Registered with Q330  
 2014-06-26 06:59:41.360 Combination Record Received  
 2014-06-26 06:59:41.360 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-26 06:59:41.360 Link Reset, starting window sequence: 4235  
 2014-06-26 06:59:41.360 GPS Receiver ID Received  
 2014-06-26 06:59:41.360 Manufacturer's Data Received, Property Tag=2017  
 2014-06-26 06:59:41.360 Digitizer Gain & Offsets Received  
 2014-06-26 06:59:41.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4391 recs. seq end: 6972423  
 2014-06-26 06:59:41.360 Baler clock set to 2014-06-26 06:59:40  
 2014-06-26 06:59:41.360 Starting to Read DP Tokens  
 2014-06-26 06:59:41.360 DP Tokens loaded, size=1474 bytes  
 2014-06-26 06:59:41.360 webserver advertising 192.168.200.119:5380  
 2014-06-26 06:59:41.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-26 06:59:41.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-26 06:59:41.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-26 06:59:41.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-26 06:59:41.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-26 06:59:41.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-26 06:59:41.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-26 06:59:41.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-26 06:59:41.360 [2014-06-25 18:51:54.000001] continuity found: 6972423  
 457037514.000000 Q=100  
 2014-06-26 06:59:41.360 [2014-06-25 18:51:54.000001] restoring continuity

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2014-06-26 06:59:41.360 Sending DT\_OPEN  
 2014-06-26 06:59:41.360 Station: XX-2017  
 2014-06-26 06:59:41.360 Q330 Serial Number: 0100000DB18FC351  
 2014-06-26 06:59:41.360 AMB Serial Number: 0100000B6909DD82  
 2014-06-26 06:59:41.360 Seismo 1 Serial Number: 0000000000000000  
 2014-06-26 06:59:41.360 Seismo 2 Serial Number: 0000000000000000  
 2014-06-26 06:59:41.360 QAPCHP 1 Serial Number: 4643206  
 2014-06-26 06:59:41.360 QAPCHP 2 Serial Number: 3743050  
 2014-06-26 06:59:41.360 KMI Property Tag Number: 2017  
 2014-06-26 06:59:41.360 System Software Version: 1.146  
 2014-06-26 06:59:41.360 Slave Processor Version: 1.11  
 2014-06-26 06:59:41.360 Calibrator Type: QCAL330  
 2014-06-26 06:59:41.360 Calibrator Version: 1.8  
 2014-06-26 06:59:41.360 Auxiliary Board Type: None  
 2014-06-26 06:59:41.360 Clock Type: Motorola M12  
 2014-06-26 06:59:41.360 PLD Version: 7.9  
 2014-06-26 06:59:41.360 Total Hours: 67091.45  
 2014-06-26 06:59:41.360 Power On Hours: 31721.84  
 2014-06-26 06:59:41.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-26 06:59:41.360 Total Number of Boots: 120  
 2014-06-26 06:59:41.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-26 06:59:41.360 Total Number of Re-Syncs: 213  
 2014-06-26 06:59:41.360 Status Inputs: 00000000  
 2014-06-26 06:59:41.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-26 06:59:41.360 Clock Quality: 100%  
 2014-06-26 06:59:41.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-26 06:59:41.360 Clock Phase: 1 usec. max allowed=50000  
 2014-06-26 06:59:41.360 Boom positions:  
 2014-06-26 06:59:41.360 Ch1: -2 Ch2: -6 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-26 06:59:41.360 Analog Status  
 2014-06-26 06:59:41.360 Analog Positive Supply: 5.46V  
 2014-06-26 06:59:41.360 Input Voltage: 13.35V  
 2014-06-26 06:59:41.360 System Temperature: 5C  
 2014-06-26 06:59:41.360 Main Current: 62ma  
 2014-06-26 06:59:41.360 Antenna Current: 0ma  
 2014-06-26 06:59:41.360 GPS Status  
 2014-06-26 06:59:41.360 Time: 06:59:40  
 2014-06-26 06:59:41.360 Date:  
 2014-06-26 06:59:41.360 Fix Type: 1-D  
 2014-06-26 06:59:41.360 Height:  
 2014-06-26 06:59:41.360 Latitude:  
 2014-06-26 06:59:41.360 Longitude:  
 2014-06-26 06:59:41.360 On Time: 0min  
 2014-06-26 06:59:41.360 Sat. Used: 0  
 2014-06-26 06:59:41.360 In View: 0  
 2014-06-26 06:59:41.360 Checksum Errors: 0  
 2014-06-26 06:59:41.360 Last GPS timemark: 2014-06-26 06:59:39  
 2014-06-26 06:59:41.360 PLL Status  
 2014-06-26 06:59:41.360 State: Lock  
 2014-06-26 06:59:41.360 Initial VCO: 2202.167725  
 2014-06-26 06:59:41.360 Time Error: 0.000000  
 2014-06-26 06:59:41.360 RMS VCO: 0.0000000  
 2014-06-26 06:59:41.360 Best VCO: 2202.24  
 2014-06-26 06:59:41.360 Seconds Since Track or Lock: 0.0  
 2014-06-26 06:59:41.360 Vco Control: 2202  
 2014-06-26 06:59:41.360 timing mode: external seascan  
 2014-06-26 06:59:41.360 tempco normal  
 2014-06-26 06:59:41.360 PLL update: 10s PLL lock criterion: 5us  
 2014-06-26 06:59:41.360 Pfrac: 150.00  
 2014-06-26 06:59:41.360 VCO slope: -0.0175000  
 2014-06-26 06:59:41.360 VCO intercept: 7.1100001  
 2014-06-26 06:59:41.360 km delta: 600.0000000  
 2014-06-26 06:59:41.360 Logical Port 4 Status

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2014-06-26 06:59:41.360 Data Packets Sent: 7934923  
 2014-06-26 06:59:41.360 Flood Packets Sent: 0  
 2014-06-26 06:59:41.360 Packets Re-Sent: 11607  
 2014-06-26 06:59:41.360 Sequence Errors: 0  
 2014-06-26 06:59:41.360 Packet Buffer Used: 22195712  
 2014-06-26 06:59:41.360 Physical Port: Ethernet  
 2014-06-26 06:59:41.360 Baler Model: 14 Software Version: 2.28  
 2014-06-26 06:59:41.360 MAC Address: 00:04:FB:00:02:EA  
 2014-06-26 06:59:41.360 Disk Size: 20000669696  
 2014-06-26 06:59:41.360 Percent of 1177 data files in use: 16.6  
 2014-06-26 06:59:41.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-26 06:59:41.360 Channel Sensitivities (uV per count):  
 2014-06-26 06:59:41.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-26 06:59:41.360 Digitizer Calibration Results:  
 2014-06-26 06:59:41.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-26 06:59:41.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-26 06:59:41.360 DMU1 Software Version=10  
 2014-06-26 06:59:41.360 Supply Voltage=12.6  
 2014-06-26 06:59:41.360 Supply Current=0.41  
 2014-06-26 06:59:41.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-26 06:59:41.360 WebLink Data Maps Restored  
 2014-06-26 06:59:41.360 [2014-06-25 18:51:54.000001] sequence resumes: 6972423 to  
 6972423  
 2014-06-26 06:59:41.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-26 06:59:40  
 2014-06-26 07:01:59.550 [2014-06-26 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-06-26 07:05:10.740 [2014-06-26 07:05:10.000000] total packets received: 48811  
 2014-06-26 07:05:10.740 [2014-06-26 07:05:10.000000] command timeouts: 6  
 2014-06-26 07:05:10.740 [2014-06-26 07:05:10.000000] out of window: 54  
 2014-06-26 07:05:10.740 written: HHZ-1171 HH1-1348 HH2-1426 BDH-424 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-06-26 07:05:10.740 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-25 LH2-25 LDH-24  
 VMZ-2 VM1-2  
 2014-06-26 07:05:10.740 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-26 07:05:10.740 [2014-06-26 07:05:10.000000] Done: 4510 recs. seq end:  
 7016419. run: 325 s  
 2014-06-26 19:06:04.350  
 2014-06-26 19:06:04.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-26 19:06:04.350 Control Port 2491 Opened  
 2014-06-26 19:06:04.350 Baler ready on Ethernet  
 2014-06-26 19:06:04.350 Power Cycled Baler Acknowledged  
 2014-06-26 19:06:04.350 Commands Accepted by Q330  
 2014-06-26 19:06:04.350 Access timeout: 300 sec  
 2014-06-26 19:06:04.350 Control Port 4023 Opened  
 2014-06-26 19:06:04.350 Data Port 4024 Opened  
 2014-06-26 19:06:04.350 Registered with Q330  
 2014-06-26 19:06:04.350 Combination Record Received  
 2014-06-26 19:06:04.350 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-26 19:06:04.350 Link Reset, starting window sequence: 52957  
 2014-06-26 19:06:04.350 GPS Receiver ID Received  
 2014-06-26 19:06:04.350 Manufacturer's Data Received, Property Tag=2017  
 2014-06-26 19:06:04.350 Digitizer Gain & Offsets Received  
 2014-06-26 19:06:04.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4510 recs.  
 seq end: 7016419  
 2014-06-26 19:06:04.350 Starting to Read DP Tokens  
 2014-06-26 19:06:04.350 DP Tokens loaded, size=1474 bytes  
 2014-06-26 19:06:04.350 webserver advertising 192.168.200.119:5380  
 2014-06-26 19:06:04.350 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-26 19:06:04.350 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-26 19:06:04.350 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-26 19:06:04.350 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-26 19:06:04.350 filters & delay LHZ:1@1,Linear all=15.000000

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2014-06-26 19:06:04.350 filters & delay LH1:2@1,Linear all=15.000000
2014-06-26 19:06:04.350 filters & delay LH2:3@1,Linear all=15.000000
2014-06-26 19:06:04.350 filters & delay LDH:4@1,Linear all=15.000000
2014-06-26 19:06:04.350 [2014-06-26 07:05:10.000000] continuity found: 7016419
457081510.000000 Q=100
2014-06-26 19:06:04.350 [2014-06-26 07:05:10.000000] restoring continuity
2014-06-26 19:06:04.350 Sending DT_OPEN
2014-06-26 19:06:04.350 Station: XX-2017
2014-06-26 19:06:04.350 Q330 Serial Number: 0100000DB18FC351
2014-06-26 19:06:04.350 AMB Serial Number: 0100000B6909DD82
2014-06-26 19:06:04.350 Seismo 1 Serial Number: 0000000000000000
2014-06-26 19:06:04.350 Seismo 2 Serial Number: 0000000000000000
2014-06-26 19:06:04.350 QAPCHP 1 Serial Number: 4643206
2014-06-26 19:06:04.350 QAPCHP 2 Serial Number: 3743050
2014-06-26 19:06:04.350 KMI Property Tag Number: 2017
2014-06-26 19:06:04.350 System Software Version: 1.146
2014-06-26 19:06:04.350 Slave Processor Version: 1.11
2014-06-26 19:06:04.350 Calibrator Type: QCAL330
2014-06-26 19:06:04.350 Calibrator Version: 1.8
2014-06-26 19:06:04.350 Auxiliary Board Type: None
2014-06-26 19:06:04.350 Clock Type: Motorola M12
2014-06-26 19:06:04.350 PLD Version: 7.9
2014-06-26 19:06:04.350 Total Hours: 67103.56
2014-06-26 19:06:04.350 Power On Hours: 31733.94
2014-06-26 19:06:04.350 Time of Last Boot: 2014-04-06 02:03:58
2014-06-26 19:06:04.350 Total Number of Boots: 120
2014-06-26 19:06:04.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-26 19:06:04.350 Total Number of Re-Syncs: 213
2014-06-26 19:06:04.350 Status Inputs: 00000000
2014-06-26 19:06:04.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-26 19:06:04.350 Clock Quality: 100%
2014-06-26 19:06:04.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-26 19:06:04.350 Clock Phase: 0 usec. max allowed=50000
2014-06-26 19:06:04.350 Boom positions:
2014-06-26 19:06:04.350 Ch1: -2 Ch2: -6 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-26 19:06:04.350 Analog Status
2014-06-26 19:06:04.350 Analog Positive Supply: 5.46V
2014-06-26 19:06:04.350 Input Voltage: 13.35V
2014-06-26 19:06:04.350 System Temperature: 5C
2014-06-26 19:06:04.350 Main Current: 62ma
2014-06-26 19:06:04.350 Antenna Current: 0ma
2014-06-26 19:06:04.350 GPS Status
2014-06-26 19:06:04.350 Time: 19:06:03
2014-06-26 19:06:04.350 Date:
2014-06-26 19:06:04.350 Fix Type: 1-D
2014-06-26 19:06:04.350 Height:
2014-06-26 19:06:04.350 Latitude:
2014-06-26 19:06:04.350 Longitude:
2014-06-26 19:06:04.350 On Time: 0min
2014-06-26 19:06:04.350 Sat. Used: 0
2014-06-26 19:06:04.350 In View: 0
2014-06-26 19:06:04.350 Checksum Errors: 0
2014-06-26 19:06:04.350 Last GPS timemark: 2014-06-26 19:06:02
2014-06-26 19:06:04.350 PLL Status
2014-06-26 19:06:04.350 State: Lock
2014-06-26 19:06:04.350 Initial VCO: 2202.106201
2014-06-26 19:06:04.350 Time Error: 0.000000
2014-06-26 19:06:04.350 RMS VCO: 0.0000000
2014-06-26 19:06:04.350 Best VCO: 2202.08
2014-06-26 19:06:04.350 Seconds Since Track or Lock: 0.0
2014-06-26 19:06:04.350 Vco Control: 2202
2014-06-26 19:06:04.350 timing mode: external seascan
2014-06-26 19:06:04.350 tempco normal

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2014-06-26 19:06:04.350 PLL update: 10s PLL lock criterion: 5us  
 2014-06-26 19:06:04.350 Pfrac: 150.00  
 2014-06-26 19:06:04.350 VCO slope: -0.0175000  
 2014-06-26 19:06:04.350 VCO intercept: 7.1100001  
 2014-06-26 19:06:04.350 km delta: 600.0000000  
 2014-06-26 19:06:04.350 Logical Port 4 Status  
 2014-06-26 19:06:04.350 Data Packets Sent: 7983650  
 2014-06-26 19:06:04.350 Flood Packets Sent: 0  
 2014-06-26 19:06:04.350 Packets Re-Sent: 11680  
 2014-06-26 19:06:04.350 Sequence Errors: 0  
 2014-06-26 19:06:04.350 Packet Buffer Used: 22246216  
 2014-06-26 19:06:04.350 Physical Port: Ethernet  
 2014-06-26 19:06:04.350 Baler Model: 14 Software Version: 2.28  
 2014-06-26 19:06:04.350 MAC Address: 00:04:FB:00:02:EA  
 2014-06-26 19:06:04.350 Disk Size: 20000669696  
 2014-06-26 19:06:04.350 Percent of 1177 data files in use: 16.6  
 2014-06-26 19:06:04.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-26 19:06:04.350 Channel sensitivities (uV per count):  
 2014-06-26 19:06:04.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-26 19:06:04.350 Digitizer Calibration Results:  
 2014-06-26 19:06:04.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-26 19:06:04.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-26 19:06:04.350 DMU1 Software Version=10  
 2014-06-26 19:06:04.350 Supply Voltage=12.8  
 2014-06-26 19:06:04.350 Supply Current=0.41  
 2014-06-26 19:06:04.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-26 19:06:04.350 WebLink Data Maps Restored  
 2014-06-26 19:06:04.350 [2014-06-26 07:05:10.000000] sequence resumes: 7016419 to 7016419  
 2014-06-26 19:06:04.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-26 19:06:03  
 2014-06-26 19:11:43.740 Reducing Status Polling Interval  
 2014-06-26 19:11:43.740 [2014-06-26 19:11:42.999998] total packets received: 47794  
 2014-06-26 19:11:43.740 [2014-06-26 19:11:42.999998] command timeouts: 6  
 2014-06-26 19:11:43.740 [2014-06-26 19:11:42.999998] out of window: 79  
 2014-06-26 19:11:43.740 written: HHZ-1166 HH1-1363 HH2-1430 BDH-432 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-06-26 19:11:43.740 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-06-26 19:11:43.740 written: VM2-2 LOG-2 ACE-1 OCF-1  
 2014-06-26 19:11:43.740 [2014-06-26 19:11:42.999998] Done: 4534 recs. seq end:  
 7060012. run: 334 s  
 2014-06-27 07:12:35.420  
 2014-06-27 07:12:35.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-27 07:12:35.420 Control Port 2491 Opened  
 2014-06-27 07:12:35.420 Baler ready on Ethernet  
 2014-06-27 07:12:35.420 Power Cycled Baler Acknowledged  
 2014-06-27 07:12:35.420 Commands Accepted by Q330  
 2014-06-27 07:12:35.420 Access timeout: 300 sec  
 2014-06-27 07:12:35.420 Control Port 4023 Opened  
 2014-06-27 07:12:35.420 Data Port 4024 Opened  
 2014-06-27 07:12:35.420 Registered with Q330  
 2014-06-27 07:12:35.420 Combination Record Received  
 2014-06-27 07:12:35.420 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-27 07:12:35.420 Link Reset, starting window sequence: 35100  
 2014-06-27 07:12:35.420 GPS Receiver ID Received  
 2014-06-27 07:12:35.420 Manufacturer's Data Received, Property Tag=2017  
 2014-06-27 07:12:35.420 Digitizer Gain & Offsets Received  
 2014-06-27 07:12:35.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4534 recs.  
 seq end: 7060012  
 2014-06-27 07:12:35.420 Baler clock set to 2014-06-27 07:12:34  
 2014-06-27 07:12:35.420 Starting to Read DP Tokens  
 2014-06-27 07:12:35.420 DP Tokens loaded, size=1474 bytes

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2014-06-27 07:12:35.420 webserver advertising 192.168.200.119:5380
2014-06-27 07:12:35.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-27 07:12:35.420 filters & delay HH1:2@100,Linear all=0.320000
2014-06-27 07:12:35.420 filters & delay HH2:3@100,Linear all=0.320000
2014-06-27 07:12:35.420 filters & delay BDH:4@20,Linear all=1.650000
2014-06-27 07:12:35.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-27 07:12:35.420 filters & delay LH1:2@1,Linear all=15.000000
2014-06-27 07:12:35.420 filters & delay LH2:3@1,Linear all=15.000000
2014-06-27 07:12:35.420 filters & delay LDH:4@1,Linear all=15.000000
2014-06-27 07:12:35.420 [2014-06-26 19:11:42.999998] continuity found: 7060012
457125103.000000 Q=100
2014-06-27 07:12:35.420 [2014-06-26 19:11:42.999998] restoring continuity
2014-06-27 07:12:35.420 Sending DT_OPEN
2014-06-27 07:12:35.420 Station: XX-2017
2014-06-27 07:12:35.420 Q330 Serial Number: 0100000DB18FC351
2014-06-27 07:12:35.420 AMB Serial Number: 0100000B6909DD82
2014-06-27 07:12:35.420 Seismo 1 Serial Number: 0000000000000000
2014-06-27 07:12:35.420 Seismo 2 Serial Number: 0000000000000000
2014-06-27 07:12:35.420 QAPCHP 1 Serial Number: 4643206
2014-06-27 07:12:35.420 QAPCHP 2 Serial Number: 3743050
2014-06-27 07:12:35.420 KMI Property Tag Number: 2017
2014-06-27 07:12:35.420 System Software Version: 1.146
2014-06-27 07:12:35.420 Slave Processor Version: 1.11
2014-06-27 07:12:35.420 Calibrator Type: QCAL330
2014-06-27 07:12:35.420 Calibrator Version: 1.8
2014-06-27 07:12:35.420 Auxiliary Board Type: None
2014-06-27 07:12:35.420 Clock Type: Motorola M12
2014-06-27 07:12:35.420 PLD Version: 7.9
2014-06-27 07:12:35.420 Total Hours: 67115.67
2014-06-27 07:12:35.420 Power On Hours: 31746.05
2014-06-27 07:12:35.420 Time of Last Boot: 2014-04-06 02:03:58
2014-06-27 07:12:35.420 Total Number of Boots: 120
2014-06-27 07:12:35.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-27 07:12:35.420 Total Number of Re-Syncs: 213
2014-06-27 07:12:35.420 Status Inputs: 00000000
2014-06-27 07:12:35.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-27 07:12:35.420 Clock Quality: 100%
2014-06-27 07:12:35.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-27 07:12:35.420 Clock Phase: 0 usec. max allowed=50000
2014-06-27 07:12:35.420 Boom positions:
2014-06-27 07:12:35.420 Ch1: -2 Ch2: -6 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-27 07:12:35.420 Analog Status
2014-06-27 07:12:35.420 Analog Positive Supply: 5.46v
2014-06-27 07:12:35.420 Input Voltage: 13.20v
2014-06-27 07:12:35.420 System Temperature: 5C
2014-06-27 07:12:35.420 Main Current: 62ma
2014-06-27 07:12:35.420 Antenna Current: 0ma
2014-06-27 07:12:35.420 GPS Status
2014-06-27 07:12:35.420 Time: 07:12:34
2014-06-27 07:12:35.420 Date:
2014-06-27 07:12:35.420 Fix Type: 1-D
2014-06-27 07:12:35.420 Height:
2014-06-27 07:12:35.420 Latitude:
2014-06-27 07:12:35.420 Longitude:
2014-06-27 07:12:35.420 On Time: 0min
2014-06-27 07:12:35.420 Sat. Used: 0
2014-06-27 07:12:35.420 In View: 0
2014-06-27 07:12:35.420 Checksum Errors: 0
2014-06-27 07:12:35.420 Last GPS timemark: 2014-06-27 07:12:33
2014-06-27 07:12:35.420 PLL Status
2014-06-27 07:12:35.420 State: Lock
2014-06-27 07:12:35.420 Initial VCO: 2202.086182
2014-06-27 07:12:35.420 Time Error: -0.000001

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2014-06-27 07:12:35.420 RMS VCO: 0.0000000  
 2014-06-27 07:12:35.420 Best VCO: 2202.15  
 2014-06-27 07:12:35.420 Seconds Since Track or Lock: 0.0  
 2014-06-27 07:12:35.420 Vco Control: 2202  
 2014-06-27 07:12:35.420 timing mode: external seascan  
 2014-06-27 07:12:35.420 tempco normal  
 2014-06-27 07:12:35.420 PLL update: 10s PLL lock criterion: 5us  
 2014-06-27 07:12:35.420 Pfrac: 150.00  
 2014-06-27 07:12:35.420 VCO slope: -0.0175000  
 2014-06-27 07:12:35.420 VCO intercept: 7.1100001  
 2014-06-27 07:12:35.420 Km delta: 600.0000000  
 2014-06-27 07:12:35.420 Logical Port 4 Status  
 2014-06-27 07:12:35.420 Data Packets Sent: 8031334  
 2014-06-27 07:12:35.420 Flood Packets Sent: 0  
 2014-06-27 07:12:35.420 Packets Re-Sent: 11777  
 2014-06-27 07:12:35.420 Sequence Errors: 0  
 2014-06-27 07:12:35.420 Packet Buffer Used: 22208040  
 2014-06-27 07:12:35.420 Physical Port: Ethernet  
 2014-06-27 07:12:35.420 Baler Model: 14 Software Version: 2.28  
 2014-06-27 07:12:35.420 MAC Address: 00:04:FB:00:02:EA  
 2014-06-27 07:12:35.420 Disk Size: 20000669696  
 2014-06-27 07:12:35.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-27 07:12:35.420 Channel Sensitivities (uV per count):  
 2014-06-27 07:12:35.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-27 07:12:35.420 Digitizer Calibration Results:  
 2014-06-27 07:12:35.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-27 07:12:35.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-27 07:12:35.420 DMU1 Software Version=10  
 2014-06-27 07:12:35.420 Supply Voltage=12.6  
 2014-06-27 07:12:35.420 Supply Current=0.41  
 2014-06-27 07:12:35.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-27 07:12:35.420 webLink Data Maps Restored  
 2014-06-27 07:12:35.420 [2014-06-26 19:11:42.999998] sequence resumes: 7060012 to 7060012  
 2014-06-27 07:12:35.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-06-27 07:12:34  
 2014-06-27 07:14:39.550 [2014-06-26 23:59:59.999998] saving Configuration to Backup Memory  
 2014-06-27 07:18:04.970 [2014-06-27 07:18:03.999998] total packets received: 49144  
 2014-06-27 07:18:04.970 [2014-06-27 07:18:03.999998] command timeouts: 6  
 2014-06-27 07:18:04.970 [2014-06-27 07:18:03.999998] out of window: 63  
 2014-06-27 07:18:04.970 written: HHZ-1184 HH1-1346 HH2-1420 BDH-427 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-06-27 07:18:04.970 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-06-27 07:18:04.970 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-27 07:18:04.970 [2014-06-27 07:18:03.999998] Done: 4515 recs. seq end: 7103593. run: 325 s  
 2014-06-27 19:18:58.360  
 2014-06-27 19:18:58.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-27 19:18:58.360 Control Port 2491 Opened  
 2014-06-27 19:18:58.360 Baler ready on Ethernet  
 2014-06-27 19:18:58.360 Power Cycled Baler Acknowledged  
 2014-06-27 19:18:58.360 Commands Accepted by Q330  
 2014-06-27 19:18:58.360 Access timeout: 300 sec  
 2014-06-27 19:18:58.360 Control Port 4023 Opened  
 2014-06-27 19:18:58.360 Data Port 4024 Opened  
 2014-06-27 19:18:58.360 Registered with Q330  
 2014-06-27 19:18:58.360 Combination Record Received  
 2014-06-27 19:18:58.360 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-27 19:18:58.360 Link Reset, starting window sequence: 18610  
 2014-06-27 19:18:58.360 GPS Receiver ID Received  
 2014-06-27 19:18:58.360 Manufacturer's Data Received, Property Tag=2017

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2014-06-27 19:18:58.360 Digitizer Gain & Offsets Received  
 2014-06-27 19:18:58.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4515 recs.  
 seq end: 7103593  
 2014-06-27 19:18:58.360 Baler clock set to 2014-06-27 19:18:57  
 2014-06-27 19:18:58.360 Starting to Read DP Tokens  
 2014-06-27 19:18:58.360 DP Tokens loaded, size=1474 bytes  
 2014-06-27 19:18:58.360 webserver advertising 192.168.200.119:5380  
 2014-06-27 19:18:58.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-27 19:18:58.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-27 19:18:58.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-27 19:18:58.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-27 19:18:58.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-27 19:18:58.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-27 19:18:58.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-27 19:18:58.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-27 19:18:58.360 [2014-06-27 07:18:03.999998] continuity found: 7103593  
 457168684.000000 Q=100  
 2014-06-27 19:18:58.360 [2014-06-27 07:18:03.999998] restoring continuity  
 2014-06-27 19:18:58.360 Sending DT\_OPEN  
 2014-06-27 19:18:58.360 Station: XX-2017  
 2014-06-27 19:18:58.360 Q330 Serial Number: 0100000DB18FC351  
 2014-06-27 19:18:58.360 AMB Serial Number: 0100000B6909DD82  
 2014-06-27 19:18:58.360 Seismo 1 Serial Number: 0000000000000000  
 2014-06-27 19:18:58.360 Seismo 2 Serial Number: 0000000000000000  
 2014-06-27 19:18:58.360 QAPCHP 1 Serial Number: 4643206  
 2014-06-27 19:18:58.360 QAPCHP 2 Serial Number: 3743050  
 2014-06-27 19:18:58.360 KMI Property Tag Number: 2017  
 2014-06-27 19:18:58.360 System Software Version: 1.146  
 2014-06-27 19:18:58.360 Slave Processor Version: 1.11  
 2014-06-27 19:18:58.360 Calibrator Type: QCAL330  
 2014-06-27 19:18:58.360 Calibrator Version: 1.8  
 2014-06-27 19:18:58.360 Auxiliary Board Type: None  
 2014-06-27 19:18:58.360 Clock Type: Motorola M12  
 2014-06-27 19:18:58.360 PLD Version: 7.9  
 2014-06-27 19:18:58.360 Total Hours: 67127.77  
 2014-06-27 19:18:58.360 Power On Hours: 31758.16  
 2014-06-27 19:18:58.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-27 19:18:58.360 Total Number of Boots: 120  
 2014-06-27 19:18:58.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-27 19:18:58.360 Total Number of Re-Syncs: 213  
 2014-06-27 19:18:58.360 Status Inputs: 00000000  
 2014-06-27 19:18:58.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-27 19:18:58.360 Clock Quality: 100%  
 2014-06-27 19:18:58.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-27 19:18:58.360 Clock Phase: 0 usec. max allowed=50000  
 2014-06-27 19:18:58.360 Boom positions:  
 2014-06-27 19:18:58.360 Ch1: -2 Ch2: -7 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-27 19:18:58.360 Analog Status  
 2014-06-27 19:18:58.360 Analog Positive Supply: 5.46v  
 2014-06-27 19:18:58.360 Input Voltage: 13.35v  
 2014-06-27 19:18:58.360 System Temperature: 5C  
 2014-06-27 19:18:58.360 Main Current: 62ma  
 2014-06-27 19:18:58.360 Antenna Current: 0ma  
 2014-06-27 19:18:58.360 GPS Status  
 2014-06-27 19:18:58.360 Time: 19:18:57  
 2014-06-27 19:18:58.360 Date:  
 2014-06-27 19:18:58.360 Fix Type: 1-D  
 2014-06-27 19:18:58.360 Height:  
 2014-06-27 19:18:58.360 Latitude:  
 2014-06-27 19:18:58.360 Longitude:  
 2014-06-27 19:18:58.360 On Time: 0min  
 2014-06-27 19:18:58.360 Sat. Used: 0  
 2014-06-27 19:18:58.360 In View: 0



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2014-06-27 19:18:58.360 Checksum Errors: 0  
 2014-06-27 19:18:58.360 Last GPS timemark: 2014-06-27 19:18:56  
 2014-06-27 19:18:58.360 PLL Status  
 2014-06-27 19:18:58.360 State: Lock  
 2014-06-27 19:18:58.360 Initial VCO: 2202.016113  
 2014-06-27 19:18:58.360 Time Error: 0.000000  
 2014-06-27 19:18:58.360 RMS VCO: 0.000000  
 2014-06-27 19:18:58.360 Best VCO: 2202.01  
 2014-06-27 19:18:58.360 Seconds Since Track or Lock: 0.0  
 2014-06-27 19:18:58.360 Vco Control: 2202  
 2014-06-27 19:18:58.360 timing mode: external seascan  
 2014-06-27 19:18:58.360 tempco normal  
 2014-06-27 19:18:58.360 PLL update: 10s PLL lock criterion: 5us  
 2014-06-27 19:18:58.360 Pfrac: 150.00  
 2014-06-27 19:18:58.360 VCO slope: -0.0175000  
 2014-06-27 19:18:58.360 VCO intercept: 7.1100001  
 2014-06-27 19:18:58.360 Km delta: 600.000000  
 2014-06-27 19:18:58.360 Logical Port 4 Status  
 2014-06-27 19:18:58.360 Data Packets Sent: 8080385  
 2014-06-27 19:18:58.360 Flood Packets Sent: 0  
 2014-06-27 19:18:58.360 Packets Re-Sent: 11854  
 2014-06-27 19:18:58.360 Sequence Errors: 0  
 2014-06-27 19:18:58.360 Packet Buffer Used: 21042568  
 2014-06-27 19:18:58.360 Physical Port: Ethernet  
 2014-06-27 19:18:58.360 Baler Model: 14 Software Version: 2.28  
 2014-06-27 19:18:58.360 MAC Address: 00:04:FB:00:02:EA  
 2014-06-27 19:18:58.360 Disk Size: 20000669696  
 2014-06-27 19:18:58.360 Percent of 1177 data files in use: 16.7  
 2014-06-27 19:18:58.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-27 19:18:58.360 Channel Sensitivities (uV per count):  
 2014-06-27 19:18:58.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-27 19:18:58.360 Digitizer Calibration Results:  
 2014-06-27 19:18:58.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-27 19:18:58.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-27 19:18:58.360 DMU1 Software Version=10  
 2014-06-27 19:18:58.360 Supply Voltage=12.7  
 2014-06-27 19:18:58.360 Supply Current=0.41  
 2014-06-27 19:18:58.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-27 19:18:58.360 WebLink Data Maps Restored  
 2014-06-27 19:18:58.360 [2014-06-27 07:18:03.999998] sequence resumes: 7103593 to 7103593  
 2014-06-27 19:18:58.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-27 19:18:57  
 2014-06-27 19:24:06.330 Reducing Status Polling Interval  
 2014-06-27 19:24:06.330 [2014-06-27 19:24:05.999998] total packets received: 44326  
 2014-06-27 19:24:06.330 [2014-06-27 19:24:05.999998] command timeouts: 6  
 2014-06-27 19:24:06.330 [2014-06-27 19:24:05.999998] out of window: 44  
 2014-06-27 19:24:06.330 written: HHZ-1133 HH1-1265 HH2-1274 BDH-418 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-06-27 19:24:06.330 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-23 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-06-27 19:24:06.330 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-06-27 19:24:06.330 [2014-06-27 19:24:05.999998] Done: 4226 recs. seq end: 7147155. run: 305 s  
 2014-06-28 07:25:01.360  
 2014-06-28 07:25:01.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-28 07:25:01.360 Control Port 2491 Opened  
 2014-06-28 07:25:01.360 Baler ready on Ethernet  
 2014-06-28 07:25:01.360 Power Cycled Baler Acknowledged  
 2014-06-28 07:25:01.360 Commands Accepted by Q330  
 2014-06-28 07:25:01.360 Access timeout: 300 sec  
 2014-06-28 07:25:01.360 Control Port 4023 Opened  
 2014-06-28 07:25:01.360 Data Port 4024 Opened

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2014-06-28 07:25:01.360 Registered with Q330  
 2014-06-28 07:25:01.360 Combination Record Received  
 2014-06-28 07:25:01.360 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-28 07:25:01.360 Link Reset, starting window sequence: 62858  
 2014-06-28 07:25:01.360 GPS Receiver ID Received  
 2014-06-28 07:25:01.360 Manufacturer's Data Received, Property Tag=2017  
 2014-06-28 07:25:01.360 Digitizer Gain & Offsets Received  
 2014-06-28 07:25:01.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4226 recs.  
 seq end: 7147155  
 2014-06-28 07:25:01.360 Baler clock set to 2014-06-28 07:25:00  
 2014-06-28 07:25:01.360 Starting to Read DP Tokens  
 2014-06-28 07:25:01.360 DP Tokens loaded, size=1474 bytes  
 2014-06-28 07:25:01.360 webserver advertising 192.168.200.119:5380  
 2014-06-28 07:25:01.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-28 07:25:01.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-28 07:25:01.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-28 07:25:01.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-28 07:25:01.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-28 07:25:01.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-28 07:25:01.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-28 07:25:01.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-28 07:25:01.360 [2014-06-27 19:24:05.999998] continuity found: 7147155  
 457212246.000000 Q=100  
 2014-06-28 07:25:01.360 [2014-06-27 19:24:05.999998] restoring continuity  
 2014-06-28 07:25:01.360 Sending DT\_OPEN  
 2014-06-28 07:25:01.360 Station: XX-2017  
 2014-06-28 07:25:01.360 Q330 Serial Number: 0100000DB18FC351  
 2014-06-28 07:25:01.360 AMB Serial Number: 0100000B6909DD82  
 2014-06-28 07:25:01.360 Seismo 1 Serial Number: 0000000000000000  
 2014-06-28 07:25:01.360 Seismo 2 Serial Number: 0000000000000000  
 2014-06-28 07:25:01.360 QAPCHP 1 Serial Number: 4643206  
 2014-06-28 07:25:01.360 QAPCHP 2 Serial Number: 3743050  
 2014-06-28 07:25:01.360 KMI Property Tag Number: 2017  
 2014-06-28 07:25:01.360 System Software Version: 1.146  
 2014-06-28 07:25:01.360 Slave Processor Version: 1.11  
 2014-06-28 07:25:01.360 Calibrator Type: QCAL330  
 2014-06-28 07:25:01.360 Calibrator Version: 1.8  
 2014-06-28 07:25:01.360 Auxiliary Board Type: None  
 2014-06-28 07:25:01.360 Clock Type: Motorola M12  
 2014-06-28 07:25:01.360 PLD Version: 7.9  
 2014-06-28 07:25:01.360 Total Hours: 67139.87  
 2014-06-28 07:25:01.360 Power On Hours: 31770.26  
 2014-06-28 07:25:01.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-28 07:25:01.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-28 07:25:01.360 Total Number of Re-Syncs: 213  
 2014-06-28 07:25:01.360 Status Inputs: 00000000  
 2014-06-28 07:25:01.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-28 07:25:01.360 Clock Quality: 100%  
 2014-06-28 07:25:01.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-28 07:25:01.360 Clock Phase: 0 usec. max allowed=50000  
 2014-06-28 07:25:01.360 Boom positions:  
 2014-06-28 07:25:01.360 ch1: -2 ch2: -7 ch3: 3 ch4: 20 ch5: 20 ch6: 20  
 2014-06-28 07:25:01.360 Analog Status  
 2014-06-28 07:25:01.360 Analog Positive Supply: 5.46V  
 2014-06-28 07:25:01.360 Input Voltage: 13.35V  
 2014-06-28 07:25:01.360 System Temperature: 5C  
 2014-06-28 07:25:01.360 Main Current: 61ma  
 2014-06-28 07:25:01.360 Antenna Current: 0ma  
 2014-06-28 07:25:01.360 GPS Status  
 2014-06-28 07:25:01.360 Time: 07:25:00  
 2014-06-28 07:25:01.360 Date:  
 2014-06-28 07:25:01.360 Fix Type: 1-D  
 2014-06-28 07:25:01.360 Height:

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2014-06-28 07:25:01.360 Latitude:  
 2014-06-28 07:25:01.360 Longitude:  
 2014-06-28 07:25:01.360 On Time: 0min  
 2014-06-28 07:25:01.360 Sat. Used: 0  
 2014-06-28 07:25:01.360 In View: 0  
 2014-06-28 07:25:01.360 Checksum Errors: 0  
 2014-06-28 07:25:01.360 Last GPS timemark: 2014-06-28 07:24:59  
 2014-06-28 07:25:01.360 PLL Status  
 2014-06-28 07:25:01.360 State: Lock  
 2014-06-28 07:25:01.360 Initial VCO: 2201.989990  
 2014-06-28 07:25:01.360 Time Error: 0.000000  
 2014-06-28 07:25:01.360 RMS VCO: 0.000000  
 2014-06-28 07:25:01.360 Best VCO: 2201.99  
 2014-06-28 07:25:01.360 Seconds Since Track or Lock: 0.0  
 2014-06-28 07:25:01.360 Vco Control: 2202  
 2014-06-28 07:25:01.360 timing mode: external seascan  
 2014-06-28 07:25:01.360 tempco normal  
 2014-06-28 07:25:01.360 PLL update: 10s PLL lock criterion: 5us  
 2014-06-28 07:25:01.360 Pfrac: 150.00  
 2014-06-28 07:25:01.360 VCO slope: -0.0175000  
 2014-06-28 07:25:01.360 VCO intercept: 7.1100001  
 2014-06-28 07:25:01.360 Km delta: 600.0000000  
 2014-06-28 07:25:01.360 Logical Port 4 Status  
 2014-06-28 07:25:01.360 Data Packets Sent: 8124638  
 2014-06-28 07:25:01.360 Flood Packets Sent: 0  
 2014-06-28 07:25:01.360 Packets Re-Sent: 11916  
 2014-06-28 07:25:01.360 Sequence Errors: 0  
 2014-06-28 07:25:01.360 Packet Buffer Used: 21043180  
 2014-06-28 07:25:01.360 Physical Port: Ethernet  
 2014-06-28 07:25:01.360 Baler Model: 14 Software Version: 2.28  
 2014-06-28 07:25:01.360 MAC Address: 00:04:FB:00:02:EA  
 2014-06-28 07:25:01.360 Disk Size: 20000669696  
 2014-06-28 07:25:01.360 Percent of 1177 data files in use: 16.8  
 2014-06-28 07:25:01.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-28 07:25:01.360 Channel Sensitivities (uV per count):  
 2014-06-28 07:25:01.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-28 07:25:01.360 Digitizer Calibration Results:  
 2014-06-28 07:25:01.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-28 07:25:01.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-28 07:25:01.360 DMU1 Software Version=10  
 2014-06-28 07:25:01.360 Supply Voltage=12.7  
 2014-06-28 07:25:01.360 Supply Current=0.40  
 2014-06-28 07:25:01.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-28 07:25:01.360 WebLink Data Maps Restored  
 2014-06-28 07:25:01.360 [2014-06-27 19:24:05.999998] sequence resumes: 7147155 to  
 7147155  
 2014-06-28 07:25:01.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-28 07:25:00  
 2014-06-28 07:27:02.860 [2014-06-28 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-06-28 07:30:19.270 Reducing Status Polling Interval  
 2014-06-28 07:30:19.270 [2014-06-28 07:30:17.999998] total packets received: 43811  
 2014-06-28 07:30:19.270 [2014-06-28 07:30:17.999998] command timeouts: 6  
 2014-06-28 07:30:19.270 [2014-06-28 07:30:17.999998] out of window: 71  
 2014-06-28 07:30:19.270 written: HHZ-1117 HH1-1246 HH2-1319 BDH-415 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-06-28 07:30:19.270 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-23 LDH-24  
 VMZ-2 VM1-2  
 2014-06-28 07:30:19.270 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-28 07:30:19.270 [2014-06-28 07:30:17.999998] Done: 4239 recs. seq end:  
 7190727. run: 314 s  
 2014-06-28 19:31:14.360  
 2014-06-28 19:31:14.360 Quanterra Packet Baler Model 14 Restart. Version 2.28

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2014-06-28 19:31:14.360 Control Port 2491 Opened
2014-06-28 19:31:14.360 Baler ready on Ethernet
2014-06-28 19:31:14.360 Power Cycled Baler Acknowledged
2014-06-28 19:31:14.360 Commands Accepted by Q330
2014-06-28 19:31:14.360 Access timeout: 300 sec
2014-06-28 19:31:14.360 Control Port 4023 Opened
2014-06-28 19:31:14.360 Data Port 4024 Opened
2014-06-28 19:31:14.360 Registered with Q330
2014-06-28 19:31:14.360 Combination Record Received
2014-06-28 19:31:14.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-28 19:31:14.360 Link Reset, starting window sequence: 41027
2014-06-28 19:31:14.360 GPS Receiver ID Received
2014-06-28 19:31:14.360 Manufacturer's Data Received, Property Tag=2017
2014-06-28 19:31:14.360 Digitizer Gain & Offsets Received
2014-06-28 19:31:14.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4239 recs.
seq end: 7190727
2014-06-28 19:31:14.360 Baler clock set to 2014-06-28 19:31:13
2014-06-28 19:31:14.360 Starting to Read DP Tokens
2014-06-28 19:31:14.360 DP Tokens loaded, size=1474 bytes
2014-06-28 19:31:14.360 Webserver advertising 192.168.200.119:5380
2014-06-28 19:31:14.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-28 19:31:14.360 filters & delay HH1:2@100,Linear all=0.320000
2014-06-28 19:31:14.360 filters & delay HH2:3@100,Linear all=0.320000
2014-06-28 19:31:14.360 filters & delay BDH:4@20,Linear all=1.650000
2014-06-28 19:31:14.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-28 19:31:14.360 filters & delay LH1:2@1,Linear all=15.000000
2014-06-28 19:31:14.360 filters & delay LH2:3@1,Linear all=15.000000
2014-06-28 19:31:14.360 filters & delay LDH:4@1,Linear all=15.000000
2014-06-28 19:31:14.360 [2014-06-28 07:30:17.999998] continuity found: 7190727
457255818.000000 Q=100
2014-06-28 19:31:14.360 [2014-06-28 07:30:17.999998] restoring continuity
2014-06-28 19:31:14.360 Sending DT_OPEN
2014-06-28 19:31:14.360 Station: XX-2017
2014-06-28 19:31:14.360 Q330 Serial Number: 0100000DB18FC351
2014-06-28 19:31:14.360 AMB Serial Number: 0100000B6909DD82
2014-06-28 19:31:14.360 Seismo 1 Serial Number: 0000000000000000
2014-06-28 19:31:14.360 Seismo 2 Serial Number: 0000000000000000
2014-06-28 19:31:14.360 QAPCHP 1 Serial Number: 4643206
2014-06-28 19:31:14.360 QAPCHP 2 Serial Number: 3743050
2014-06-28 19:31:14.360 KMI Property Tag Number: 2017
2014-06-28 19:31:14.360 System Software Version: 1.146
2014-06-28 19:31:14.360 Slave Processor Version: 1.11
2014-06-28 19:31:14.360 Calibrator Type: QCAL330
2014-06-28 19:31:14.360 Calibrator Version: 1.8
2014-06-28 19:31:14.360 Auxiliary Board Type: None
2014-06-28 19:31:14.360 Clock Type: Motorola M12
2014-06-28 19:31:14.360 PLD Version: 7.9
2014-06-28 19:31:14.360 Total Hours: 67151.98
2014-06-28 19:31:14.360 Power On Hours: 31782.36
2014-06-28 19:31:14.360 Time of Last Boot: 2014-04-06 02:03:58
2014-06-28 19:31:14.360 Total Number of Boots: 120
2014-06-28 19:31:14.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-28 19:31:14.360 Total Number of Re-Syncs: 213
2014-06-28 19:31:14.360 Status Inputs: 00000000
2014-06-28 19:31:14.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-28 19:31:14.360 Clock Quality: 100%
2014-06-28 19:31:14.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-28 19:31:14.360 Clock Phase: 0 usec. max allowed=50000
2014-06-28 19:31:14.360 Boom positions:
2014-06-28 19:31:14.360 Ch1: -2 Ch2: -7 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20
2014-06-28 19:31:14.360 Analog Status
2014-06-28 19:31:14.360 Analog Positive Supply: 5.46V
2014-06-28 19:31:14.360 Input Voltage: 13.35V

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2014-06-28 19:31:14.360 System Temperature: 5C  
 2014-06-28 19:31:14.360 Main Current: 61ma  
 2014-06-28 19:31:14.360 Antenna Current: 0ma  
 2014-06-28 19:31:14.360 GPS Status  
 2014-06-28 19:31:14.360 Time: 19:31:13  
 2014-06-28 19:31:14.360 Date:  
 2014-06-28 19:31:14.360 Fix Type: 1-D  
 2014-06-28 19:31:14.360 Height:  
 2014-06-28 19:31:14.360 Latitude:  
 2014-06-28 19:31:14.360 Longitude:  
 2014-06-28 19:31:14.360 On Time: 0min  
 2014-06-28 19:31:14.360 Sat. Used: 0  
 2014-06-28 19:31:14.360 In View: 0  
 2014-06-28 19:31:14.360 Checksum Errors: 0  
 2014-06-28 19:31:14.360 Last GPS timemark: 2014-06-28 19:31:12  
 2014-06-28 19:31:14.360 PLL Status  
 2014-06-28 19:31:14.360 State: Lock  
 2014-06-28 19:31:14.360 Initial VCO: 2202.072754  
 2014-06-28 19:31:14.360 Time Error: 0.000000  
 2014-06-28 19:31:14.360 RMS VCO: 0.0000000  
 2014-06-28 19:31:14.360 Best VCO: 2202.05  
 2014-06-28 19:31:14.360 Seconds Since Track or Lock: 0.0  
 2014-06-28 19:31:14.360 Vco Control: 2202  
 2014-06-28 19:31:14.360 timing mode: external seascan  
 2014-06-28 19:31:14.360 tempco normal  
 2014-06-28 19:31:14.360 PLL update: 10s PLL lock criterion: 5us  
 2014-06-28 19:31:14.360 Pfrac: 150.00  
 2014-06-28 19:31:14.360 VCO slope: -0.0175000  
 2014-06-28 19:31:14.360 VCO intercept: 7.1100001  
 2014-06-28 19:31:14.360 km delta: 600.0000000  
 2014-06-28 19:31:14.360 Logical Port 4 Status  
 2014-06-28 19:31:14.360 Data Packets Sent: 8168348  
 2014-06-28 19:31:14.360 Flood Packets Sent: 0  
 2014-06-28 19:31:14.360 Packets Re-Sent: 12003  
 2014-06-28 19:31:14.360 Sequence Errors: 0  
 2014-06-28 19:31:14.360 Packet Buffer Used: 21263560  
 2014-06-28 19:31:14.360 Physical Port: Ethernet  
 2014-06-28 19:31:14.360 Baler Model: 14 Software Version: 2.28  
 2014-06-28 19:31:14.360 MAC Address: 00:04:FB:00:02:EA  
 2014-06-28 19:31:14.360 Disk Size: 20000669696  
 2014-06-28 19:31:14.360 Percent of 1177 data files in use: 17.0  
 2014-06-28 19:31:14.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-28 19:31:14.360 Channel Sensitivities (uV per count):  
 2014-06-28 19:31:14.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-28 19:31:14.360 Digitizer Calibration Results:  
 2014-06-28 19:31:14.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-28 19:31:14.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-28 19:31:14.360 DMU1 Software Version=10  
 2014-06-28 19:31:14.360 Supply Voltage=12.7  
 2014-06-28 19:31:14.360 Supply Current=0.41  
 2014-06-28 19:31:14.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-28 19:31:14.360 webLink Data Maps Restored  
 2014-06-28 19:31:14.360 [2014-06-28 07:30:17.999998] sequence resumes: 7190727 to 7190727  
 2014-06-28 19:31:14.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-28 19:31:13  
 2014-06-28 19:36:32.930 Reducing Status Polling Interval  
 2014-06-28 19:36:32.930 [2014-06-28 19:36:31.999998] total packets received: 43924  
 2014-06-28 19:36:32.930 [2014-06-28 19:36:31.999998] command timeouts: 6  
 2014-06-28 19:36:32.930 [2014-06-28 19:36:31.999998] out of window: 62  
 2014-06-28 19:36:32.930 written: HHZ-1123 HH1-1277 HH2-1330 BDH-419 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-06-28 19:36:32.930 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24

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VMZ-1 VM1-1
2014-06-28 19:36:32.930 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-28 19:36:32.930 [2014-06-28 19:36:31.999998] Done: 4280 recs. seq end:
7234301. run: 314 s
2014-06-29 07:37:23.350
2014-06-29 07:37:23.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-29 07:37:23.350 Control Port 2491 Opened
2014-06-29 07:37:23.350 Baler ready on Ethernet
2014-06-29 07:37:23.350 Power Cycled Baler Acknowledged
2014-06-29 07:37:23.350 Commands Accepted by Q330
2014-06-29 07:37:23.350 Access timeout: 300 sec
2014-06-29 07:37:23.350 Data Port 4024 Opened
2014-06-29 07:37:23.350 Registered with Q330
2014-06-29 07:37:23.350 Combination Record Received
2014-06-29 07:37:23.350 window=4 Min. Timeout=10 Max. Timeout=30
2014-06-29 07:37:23.350 Link Reset, starting window sequence: 19318
2014-06-29 07:37:23.350 GPS Receiver ID Received
2014-06-29 07:37:23.350 Manufacturer's Data Received, Property Tag=2017
2014-06-29 07:37:23.350 Digitizer Gain & Offsets Received
2014-06-29 07:37:23.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4280 recs.
seq end: 7234301
2014-06-29 07:37:23.350 Baler clock set to 2014-06-29 07:37:22
2014-06-29 07:37:23.350 Starting to Read DP Tokens
2014-06-29 07:37:23.350 DP Tokens loaded, size=1474 bytes
2014-06-29 07:37:23.350 Webserver advertising 192.168.200.119:5380
2014-06-29 07:37:23.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-29 07:37:23.350 filters & delay HH1:2@100,Linear all=0.320000
2014-06-29 07:37:23.350 filters & delay HH2:3@100,Linear all=0.320000
2014-06-29 07:37:23.350 filters & delay BDH:4@20,Linear all=1.650000
2014-06-29 07:37:23.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-29 07:37:23.350 filters & delay LH1:2@1,Linear all=15.000000
2014-06-29 07:37:23.350 filters & delay LH2:3@1,Linear all=15.000000
2014-06-29 07:37:23.350 filters & delay LDH:4@1,Linear all=15.000000
2014-06-29 07:37:23.350 [2014-06-28 19:36:31.999998] continuity found: 7234301
457299392.000000 Q=100
2014-06-29 07:37:23.350 [2014-06-28 19:36:31.999998] restoring continuity
2014-06-29 07:37:23.350 Sending DT_OPEN
2014-06-29 07:37:23.350 Station: XX-2017
2014-06-29 07:37:23.350 Q330 Serial Number: 0100000DB18FC351
2014-06-29 07:37:23.350 AMB Serial Number: 0100000B6909DD82
2014-06-29 07:37:23.350 Seismo 1 Serial Number: 0000000000000000
2014-06-29 07:37:23.350 Seismo 2 Serial Number: 0000000000000000
2014-06-29 07:37:23.350 QAPCHP 1 Serial Number: 4643206
2014-06-29 07:37:23.350 QAPCHP 2 Serial Number: 3743050
2014-06-29 07:37:23.350 KMI Property Tag Number: 2017
2014-06-29 07:37:23.350 System Software Version: 1.146
2014-06-29 07:37:23.350 Slave Processor Version: 1.11
2014-06-29 07:37:23.350 Calibrator Type: QCAL330
2014-06-29 07:37:23.350 Calibrator Version: 1.8
2014-06-29 07:37:23.350 Auxiliary Board Type: None
2014-06-29 07:37:23.350 Clock Type: Motorola M12
2014-06-29 07:37:23.350 PLD Version: 7.9
2014-06-29 07:37:23.350 Total Hours: 67164.08
2014-06-29 07:37:23.350 Power On Hours: 31794.47
2014-06-29 07:37:23.350 Time of Last Boot: 2014-04-06 02:03:58
2014-06-29 07:37:23.350 Total Number of Boots: 120
2014-06-29 07:37:23.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-06-29 07:37:23.350 Total Number of Re-Syncs: 213
2014-06-29 07:37:23.350 Status Inputs: 00000000
2014-06-29 07:37:23.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-06-29 07:37:23.350 Clock Quality: 100%
2014-06-29 07:37:23.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-06-29 07:37:23.350 Clock Phase: 0 usec. max allowed=50000

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2014-06-29 07:37:23.350 Boom positions:  
 2014-06-29 07:37:23.350 Ch1: -2 Ch2: -8 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-06-29 07:37:23.350 Analog Status  
 2014-06-29 07:37:23.350 Analog Positive Supply: 5.46V  
 2014-06-29 07:37:23.350 Input Voltage: 13.35V  
 2014-06-29 07:37:23.350 System Temperature: 5C  
 2014-06-29 07:37:23.350 Main Current: 62ma  
 2014-06-29 07:37:23.350 Antenna Current: 0ma  
 2014-06-29 07:37:23.350 GPS Status  
 2014-06-29 07:37:23.350 Time: 07:37:22  
 2014-06-29 07:37:23.350 Date:  
 2014-06-29 07:37:23.350 Fix Type: 1-D  
 2014-06-29 07:37:23.350 Height:  
 2014-06-29 07:37:23.350 Latitude:  
 2014-06-29 07:37:23.350 Longitude:  
 2014-06-29 07:37:23.350 On Time: 0min  
 2014-06-29 07:37:23.350 Sat. Used: 0  
 2014-06-29 07:37:23.350 In View: 0  
 2014-06-29 07:37:23.350 Checksum Errors: 0  
 2014-06-29 07:37:23.350 Last GPS timemark: 2014-06-29 07:37:21  
 2014-06-29 07:37:23.350 PLL Status  
 2014-06-29 07:37:23.350 State: Lock  
 2014-06-29 07:37:23.350 Initial VCO: 2201.759033  
 2014-06-29 07:37:23.350 Time Error: 0.000000  
 2014-06-29 07:37:23.350 RMS VCO: 0.000000  
 2014-06-29 07:37:23.350 Best VCO: 2201.81  
 2014-06-29 07:37:23.350 Seconds Since Track or Lock: 0.0  
 2014-06-29 07:37:23.350 Vco Control: 2202  
 2014-06-29 07:37:23.350 timing mode: external seascan  
 2014-06-29 07:37:23.350 tempco normal  
 2014-06-29 07:37:23.350 PLL update: 10s PLL lock criterion: 5us  
 2014-06-29 07:37:23.350 Pfrac: 150.00  
 2014-06-29 07:37:23.350 VCO slope: -0.0175000  
 2014-06-29 07:37:23.350 VCO intercept: 7.1100001  
 2014-06-29 07:37:23.350 Km delta: 600.000000  
 2014-06-29 07:37:23.350 Logical Port 4 Status  
 2014-06-29 07:37:23.350 Data Packets Sent: 8212180  
 2014-06-29 07:37:23.350 Flood Packets Sent: 0  
 2014-06-29 07:37:23.350 Packets Re-Sent: 12077  
 2014-06-29 07:37:23.350 Sequence Errors: 0  
 2014-06-29 07:37:23.350 Packet Buffer Used: 21253204  
 2014-06-29 07:37:23.350 Physical Port: Ethernet  
 2014-06-29 07:37:23.350 Baler Model: 14 Software Version: 2.28  
 2014-06-29 07:37:23.350 MAC Address: 00:04:FB:00:02:EA  
 2014-06-29 07:37:23.350 Disk Size: 2000069696  
 2014-06-29 07:37:23.350 Percent of 1177 data files in use: 17.1  
 2014-06-29 07:37:23.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-29 07:37:23.350 Channel Sensitivities (uV per count):  
 2014-06-29 07:37:23.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-29 07:37:23.350 Digitizer Calibration Results:  
 2014-06-29 07:37:23.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-29 07:37:23.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-29 07:37:23.350 DMU1 Software Version=10  
 2014-06-29 07:37:23.350 Supply Voltage=12.8  
 2014-06-29 07:37:23.350 Supply Current=0.40  
 2014-06-29 07:37:23.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-06-29 07:37:23.350 WebLink Data Maps Restored  
 2014-06-29 07:37:23.350 [2014-06-28 19:36:31.999998] sequence resumes: 7234301 to  
 7234301  
 2014-06-29 07:37:23.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-06-29 07:37:22  
 2014-06-29 07:39:15.950 [2014-06-29 00:00:00.000000] Saving Configuration to Backup  
 Memory

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2014-06-29 07:42:41.920 Reducing Status Polling Interval  
 2014-06-29 07:42:41.920 [2014-06-29 07:42:40.999998] total packets received: 43818  
 2014-06-29 07:42:41.920 [2014-06-29 07:42:40.999998] command timeouts: 6  
 2014-06-29 07:42:41.920 [2014-06-29 07:42:40.999998] out of window: 70  
 2014-06-29 07:42:41.920 written: HHZ-1109 HH1-1273 HH2-1333 BDH-434 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-06-29 07:42:41.920 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-06-29 07:42:41.920 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-06-29 07:42:41.920 [2014-06-29 07:42:40.999998] Done: 4293 recs. seq end:  
 7277870. run: 314 s  
 2014-06-29 19:43:34.320  
 2014-06-29 19:43:34.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-06-29 19:43:34.320 Control Port 2491 Opened  
 2014-06-29 19:43:34.320 Baler ready on Ethernet  
 2014-06-29 19:43:34.320 Power Cycled Baler Acknowledged  
 2014-06-29 19:43:34.320 Commands Accepted by Q330  
 2014-06-29 19:43:34.320 Access timeout: 300 sec  
 2014-06-29 19:43:34.320 Control Port 4023 Opened  
 2014-06-29 19:43:34.320 Data Port 4024 Opened  
 2014-06-29 19:43:34.320 Registered with Q330  
 2014-06-29 19:43:34.320 Combination Record Received  
 2014-06-29 19:43:34.320 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-06-29 19:43:34.320 Link Reset, starting window sequence: 63031  
 2014-06-29 19:43:34.320 GPS Receiver ID Received  
 2014-06-29 19:43:34.320 Manufacturer's Data Received, Property Tag=2017  
 2014-06-29 19:43:34.320 Digitizer Gain & Offsets Received  
 2014-06-29 19:43:34.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4293 recs.  
 seq end: 7277870  
 2014-06-29 19:43:34.320 Baler clock set to 2014-06-29 19:43:33  
 2014-06-29 19:43:34.320 Starting to Read DP Tokens  
 2014-06-29 19:43:34.320 DP Tokens loaded, size=1474 bytes  
 2014-06-29 19:43:34.320 Webserver advertising 192.168.200.119:5380  
 2014-06-29 19:43:34.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-06-29 19:43:34.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-06-29 19:43:34.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-06-29 19:43:34.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-06-29 19:43:34.320 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-06-29 19:43:34.320 filters & delay LH1:2@1,Linear all=15.000000  
 2014-06-29 19:43:34.320 filters & delay LH2:3@1,Linear all=15.000000  
 2014-06-29 19:43:34.320 filters & delay LDH:4@1,Linear all=15.000000  
 2014-06-29 19:43:34.320 [2014-06-29 07:42:40.999998] continuity found: 7277870  
 457342961.000000 Q=100  
 2014-06-29 19:43:34.320 [2014-06-29 07:42:40.999998] restoring continuity  
 2014-06-29 19:43:34.320 Sending DT\_OPEN  
 2014-06-29 19:43:34.320 Station: XX-2017  
 2014-06-29 19:43:34.320 Q330 Serial Number: 0100000DB18FC351  
 2014-06-29 19:43:34.320 AMB Serial Number: 0100000B6909DD82  
 2014-06-29 19:43:34.320 Seismo 1 Serial Number: 0000000000000000  
 2014-06-29 19:43:34.320 Seismo 2 Serial Number: 0000000000000000  
 2014-06-29 19:43:34.320 QAPCHP 1 Serial Number: 4643206  
 2014-06-29 19:43:34.320 QAPCHP 2 Serial Number: 3743050  
 2014-06-29 19:43:34.320 KMI Property Tag Number: 2017  
 2014-06-29 19:43:34.320 System Software Version: 1.146  
 2014-06-29 19:43:34.320 Slave Processor Version: 1.11  
 2014-06-29 19:43:34.320 Calibrator Type: QCAL330  
 2014-06-29 19:43:34.320 Calibrator Version: 1.8  
 2014-06-29 19:43:34.320 Auxiliary Board Type: None  
 2014-06-29 19:43:34.320 Clock Type: Motorola M12  
 2014-06-29 19:43:34.320 PLD Version: 7.9  
 2014-06-29 19:43:34.320 Total Hours: 67176.18  
 2014-06-29 19:43:34.320 Power On Hours: 31806.57  
 2014-06-29 19:43:34.320 Time of Last Boot: 2014-04-06 02:03:58



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2014-06-29 19:43:34.320 Total Number of Boots: 120  
 2014-06-29 19:43:34.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-29 19:43:34.320 Total Number of Re-Syncs: 213  
 2014-06-29 19:43:34.320 Status Inputs: 00000000  
 2014-06-29 19:43:34.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-06-29 19:43:34.320 Clock Quality: 100%  
 2014-06-29 19:43:34.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-29 19:43:34.320 Clock Phase: 0 usec. max allowed=50000  
 2014-06-29 19:43:34.320 Boom positions:  
 2014-06-29 19:43:34.320 Ch1: -2 ch2: -10 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-06-29 19:43:34.320 Analog Status  
 2014-06-29 19:43:34.320 Analog Positive Supply: 5.46V  
 2014-06-29 19:43:34.320 Input Voltage: 13.35V  
 2014-06-29 19:43:34.320 System Temperature: 5C  
 2014-06-29 19:43:34.320 Main Current: 62ma  
 2014-06-29 19:43:34.320 Antenna Current: 0ma  
 2014-06-29 19:43:34.320 GPS Status  
 2014-06-29 19:43:34.320 Time: 19:43:33  
 2014-06-29 19:43:34.320 Date:  
 2014-06-29 19:43:34.320 Fix Type: 1-D  
 2014-06-29 19:43:34.320 Height:  
 2014-06-29 19:43:34.320 Latitude:  
 2014-06-29 19:43:34.320 Longitude:  
 2014-06-29 19:43:34.320 On Time: 0min  
 2014-06-29 19:43:34.320 Sat. Used: 0  
 2014-06-29 19:43:34.320 In View: 0  
 2014-06-29 19:43:34.320 Checksum Errors: 0  
 2014-06-29 19:43:34.320 Last GPS timemark: 2014-06-29 19:43:32  
 2014-06-29 19:43:34.320 PLL Status  
 2014-06-29 19:43:34.320 State: Lock  
 2014-06-29 19:43:34.320 Initial VCO: 2200.783447  
 2014-06-29 19:43:34.320 Time Error: 0.000000  
 2014-06-29 19:43:34.320 RMS VCO: 0.0000000  
 2014-06-29 19:43:34.320 Best VCO: 2200.73  
 2014-06-29 19:43:34.320 Seconds Since Track or Lock: 0.0  
 2014-06-29 19:43:34.320 Vco Control: 2201  
 2014-06-29 19:43:34.320 timing mode: external seascan  
 2014-06-29 19:43:34.320 tempco normal  
 2014-06-29 19:43:34.320 PLL update: 10s PLL lock criterion: 5us  
 2014-06-29 19:43:34.320 VCO slope: -0.0175000  
 2014-06-29 19:43:34.320 VCO intercept: 7.1100001  
 2014-06-29 19:43:34.320 Km delta: 600.0000000  
 2014-06-29 19:43:34.320 Logical Port 4 Status  
 2014-06-29 19:43:34.320 Data Packets Sent: 8255898  
 2014-06-29 19:43:34.320 Flood Packets Sent: 0  
 2014-06-29 19:43:34.320 Packets Re-Sent: 12162  
 2014-06-29 19:43:34.320 Sequence Errors: 0  
 2014-06-29 19:43:34.320 Packet Buffer Used: 21529568  
 2014-06-29 19:43:34.320 Physical Port: Ethernet  
 2014-06-29 19:43:34.320 Baler Model: 14 Software Version: 2.28  
 2014-06-29 19:43:34.320 MAC Address: 00:04:FB:00:02:EA  
 2014-06-29 19:43:34.320 Disk Size: 20000669696  
 2014-06-29 19:43:34.320 Percent of 1177 data files in use: 17.1  
 2014-06-29 19:43:34.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-29 19:43:34.320 Channel Sensitivities (uV per count):  
 2014-06-29 19:43:34.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-29 19:43:34.320 Digitizer Calibration Results:  
 2014-06-29 19:43:34.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-06-29 19:43:34.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-06-29 19:43:34.320 DMU1 Software Version=10  
 2014-06-29 19:43:34.320 Supply Voltage=12.7  
 2014-06-29 19:43:34.320 Supply Current=0.41  
 2014-06-29 19:43:34.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A

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2014-06-29 19:43:34.320 WebLink Data Maps Restored
2014-06-29 19:43:34.320 [2014-06-29 07:42:40.999998] sequence resumes: 7277870 to
7277870
2014-06-29 19:43:34.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-29 19:43:33
2014-06-29 19:48:58.100 Reducing Status Polling Interval
2014-06-29 19:48:58.100 [2014-06-29 19:48:57.999998] total packets received: 44116
2014-06-29 19:48:58.100 [2014-06-29 19:48:57.999998] command timeouts: 6
2014-06-29 19:48:58.100 [2014-06-29 19:48:57.999998] out of window: 70
2014-06-29 19:48:58.100 written: HHZ-1124 HH1-1297 HH2-1370 BDH-428 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-29 19:48:58.100 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-29 19:48:58.100 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-29 19:48:58.100 [2014-06-29 19:48:57.999998] Done: 4361 recs. seq end:
7321447. run: 319 s
2014-06-30 07:49:53.360
2014-06-30 07:49:53.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-30 07:49:53.360 Control Port 2491 Opened
2014-06-30 07:49:53.360 Baler ready on Ethernet
2014-06-30 07:49:53.360 Power Cycled Baler Acknowledged
2014-06-30 07:49:53.360 Commands Accepted by Q330
2014-06-30 07:49:53.360 Access timeout: 300 sec
2014-06-30 07:49:53.360 Control Port 4023 Opened
2014-06-30 07:49:53.360 Data Port 4024 Opened
2014-06-30 07:49:53.360 Registered with Q330
2014-06-30 07:49:53.360 Combination Record Received
2014-06-30 07:49:53.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-30 07:49:53.360 Link Reset, starting window sequence: 41506
2014-06-30 07:49:53.360 GPS Receiver ID Received
2014-06-30 07:49:53.360 Manufacturer's Data Received, Property Tag=2017
2014-06-30 07:49:53.360 Digitizer Gain & Offsets Received
2014-06-30 07:49:53.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4361 recs.
seq end: 7321447
2014-06-30 07:49:53.360 Baler clock set to 2014-06-30 07:49:52
2014-06-30 07:49:53.360 Starting to Read DP Tokens
2014-06-30 07:49:53.360 DP Tokens loaded, size=1474 bytes
2014-06-30 07:49:53.360 webserver advertising 192.168.200.119:5380
2014-06-30 07:49:53.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-30 07:49:53.360 filters & delay HH1:2@100,Linear all=0.320000
2014-06-30 07:49:53.360 filters & delay HH2:3@100,Linear all=0.320000
2014-06-30 07:49:53.360 filters & delay BDH:4@20,Linear all=1.650000
2014-06-30 07:49:53.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-30 07:49:53.360 filters & delay LH1:2@1,Linear all=15.000000
2014-06-30 07:49:53.360 filters & delay LH2:3@1,Linear all=15.000000
2014-06-30 07:49:53.360 filters & delay LDH:4@1,Linear all=15.000000
2014-06-30 07:49:53.360 [2014-06-29 19:48:57.999998] continuity found: 7321447
457386538.000000 Q=100
2014-06-30 07:49:53.360 [2014-06-29 19:48:57.999998] restoring continuity
2014-06-30 07:49:53.360 Sending DT_OPEN
2014-06-30 07:49:53.360 Station: XX-2017
2014-06-30 07:49:53.360 Q330 Serial Number: 0100000DB18FC351
2014-06-30 07:49:53.360 AMB Serial Number: 0100000B6909DD82
2014-06-30 07:49:53.360 Seismo 1 Serial Number: 0000000000000000
2014-06-30 07:49:53.360 Seismo 2 Serial Number: 0000000000000000
2014-06-30 07:49:53.360 QAPCHP 1 Serial Number: 4643206
2014-06-30 07:49:53.360 QAPCHP 2 Serial Number: 3743050
2014-06-30 07:49:53.360 KMI Property Tag Number: 2017
2014-06-30 07:49:53.360 System Software Version: 1.146
2014-06-30 07:49:53.360 Slave Processor Version: 1.11
2014-06-30 07:49:53.360 Calibrator Type: QCAL330
2014-06-30 07:49:53.360 Calibrator Version: 1.8
2014-06-30 07:49:53.360 Auxiliary Board Type: None

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2014-06-30 07:49:53.360 Clock Type: Motorola M12  
 2014-06-30 07:49:53.360 PLD Version: 7.9  
 2014-06-30 07:49:53.360 Total Hours: 67188.29  
 2014-06-30 07:49:53.360 Power On Hours: 31818.68  
 2014-06-30 07:49:53.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-30 07:49:53.360 Total Number of Boots: 120  
 2014-06-30 07:49:53.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-30 07:49:53.360 Total Number of Re-Syncs: 213  
 2014-06-30 07:49:53.360 Status Inputs: 00000000  
 2014-06-30 07:49:53.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-30 07:49:53.360 Clock Quality: 100%  
 2014-06-30 07:49:53.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-30 07:49:53.360 Clock Phase: 0 usec. max allowed=50000  
 2014-06-30 07:49:53.360 Boom positions:  
 2014-06-30 07:49:53.360 ch1: -2 ch2: -12 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-06-30 07:49:53.360 Analog Status  
 2014-06-30 07:49:53.360 Analog Positive Supply: 5.46V  
 2014-06-30 07:49:53.360 Input Voltage: 13.35V  
 2014-06-30 07:49:53.360 System Temperature: 5C  
 2014-06-30 07:49:53.360 Main Current: 61ma  
 2014-06-30 07:49:53.360 Antenna Current: 0ma  
 2014-06-30 07:49:53.360 GPS Status  
 2014-06-30 07:49:53.360 Time: 07:49:52  
 2014-06-30 07:49:53.360 Date:  
 2014-06-30 07:49:53.360 Fix Type: 1-D  
 2014-06-30 07:49:53.360 Height:  
 2014-06-30 07:49:53.360 Latitude:  
 2014-06-30 07:49:53.360 Longitude:  
 2014-06-30 07:49:53.360 On Time: 0min  
 2014-06-30 07:49:53.360 Sat. Used: 0  
 2014-06-30 07:49:53.360 In View: 0  
 2014-06-30 07:49:53.360 Checksum Errors: 0  
 2014-06-30 07:49:53.360 Last GPS timemark: 2014-06-30 07:49:51  
 2014-06-30 07:49:53.360 PLL Status  
 2014-06-30 07:49:53.360 State: Lock  
 2014-06-30 07:49:53.360 Initial VCO: 2200.910400  
 2014-06-30 07:49:53.360 Time Error: 0.000000  
 2014-06-30 07:49:53.360 RMS VCO: 0.000000  
 2014-06-30 07:49:53.360 Best VCO: 2200.91  
 2014-06-30 07:49:53.360 Seconds Since Track or Lock: 0.0  
 2014-06-30 07:49:53.360 Vco Control: 2201  
 2014-06-30 07:49:53.360 timing mode: external seascan  
 2014-06-30 07:49:53.360 tempco normal  
 2014-06-30 07:49:53.360 PLL update: 10s PLL lock criterion: 5us  
 2014-06-30 07:49:53.360 Pfrac: 150.00  
 2014-06-30 07:49:53.360 VCO slope: -0.0175000  
 2014-06-30 07:49:53.360 VCO intercept: 7.1100001  
 2014-06-30 07:49:53.360 km delta: 600.0000000  
 2014-06-30 07:49:53.360 Logical Port 4 Status  
 2014-06-30 07:49:53.360 Data Packets Sent: 8299914  
 2014-06-30 07:49:53.360 Flood Packets Sent: 0  
 2014-06-30 07:49:53.360 Packets Re-Sent: 12254  
 2014-06-30 07:49:53.360 Sequence Errors: 0  
 2014-06-30 07:49:53.360 Packet Buffer Used: 22201708  
 2014-06-30 07:49:53.360 Physical Port: Ethernet  
 2014-06-30 07:49:53.360 Baler Model: 14 Software Version: 2.28  
 2014-06-30 07:49:53.360 MAC Address: 00:04:FB:00:02:EA  
 2014-06-30 07:49:53.360 Disk Size: 20000669696  
 2014-06-30 07:49:53.360 Percent of 1177 data files in use: 17.3  
 2014-06-30 07:49:53.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-06-30 07:49:53.360 Channel Sensitivities (uV per count):  
 2014-06-30 07:49:53.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-06-30 07:49:53.360 Digitizer Calibration Results:

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2014-06-30 07:49:53.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-30 07:49:53.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-30 07:49:53.360 DMU1 Software Version=10
2014-06-30 07:49:53.360 Supply Voltage=12.6
2014-06-30 07:49:53.360 Supply Current=0.41
2014-06-30 07:49:53.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-30 07:49:53.360 WebLink Data Maps Restored
2014-06-30 07:49:53.360 [2014-06-29 19:48:57.999998] sequence resumes: 7321447 to
7321447
2014-06-30 07:49:53.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-30 07:49:52
2014-06-30 07:51:44.530 [2014-06-30 00:00:00.000000] Saving Configuration to Backup
Memory
2014-06-30 07:55:21.710 Reducing Status Polling Interval
2014-06-30 07:55:21.710 [2014-06-30 07:55:20.999998] total packets received: 47660
2014-06-30 07:55:21.710 [2014-06-30 07:55:20.999998] command timeouts: 6
2014-06-30 07:55:21.710 [2014-06-30 07:55:20.999998] out of window: 62
2014-06-30 07:55:21.710 written: HHZ-1185 HH1-1340 HH2-1425 BDH-422 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-06-30 07:55:21.710 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-06-30 07:55:21.710 written: VM2-1 LOG-3 ACE-2 OCF-2
2014-06-30 07:55:21.710 [2014-06-30 07:55:20.999998] Done: 4504 recs. seq end:
7365030. run: 324 s
2014-06-30 19:56:14.320
2014-06-30 19:56:14.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-06-30 19:56:14.320 Control Port 2491 Opened
2014-06-30 19:56:14.320 Baler ready on Ethernet
2014-06-30 19:56:14.320 Power Cycled Baler Acknowledged
2014-06-30 19:56:14.320 Commands Accepted by Q330
2014-06-30 19:56:14.320 Access timeout: 300 sec
2014-06-30 19:56:14.320 Control Port 4023 Opened
2014-06-30 19:56:14.320 Data Port 4024 Opened
2014-06-30 19:56:14.320 Registered with Q330
2014-06-30 19:56:14.320 Combination Record Received
2014-06-30 19:56:14.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-06-30 19:56:14.320 Link Reset, starting window sequence: 23533
2014-06-30 19:56:14.320 GPS Receiver ID Received
2014-06-30 19:56:14.320 Manufacturer's Data Received, Property Tag=2017
2014-06-30 19:56:14.320 Digitizer Gain & Offsets Received
2014-06-30 19:56:14.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4504 recs.
seq end: 7365030
2014-06-30 19:56:14.320 Baler clock set to 2014-06-30 19:56:13
2014-06-30 19:56:14.320 Starting to Read DP Tokens
2014-06-30 19:56:14.320 DP Tokens loaded, size=1474 bytes
2014-06-30 19:56:14.320 webserver advertising 192.168.200.119:5380
2014-06-30 19:56:14.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-06-30 19:56:14.320 filters & delay HH1:2@100,Linear all=0.320000
2014-06-30 19:56:14.320 filters & delay HH2:3@100,Linear all=0.320000
2014-06-30 19:56:14.320 filters & delay BDH:4@20,Linear all=1.650000
2014-06-30 19:56:14.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-06-30 19:56:14.320 filters & delay LH1:2@1,Linear all=15.000000
2014-06-30 19:56:14.320 filters & delay LH2:3@1,Linear all=15.000000
2014-06-30 19:56:14.320 filters & delay LDH:4@1,Linear all=15.000000
2014-06-30 19:56:14.320 [2014-06-30 07:55:20.999998] continuity found: 7365030
457430121.000000 Q=100
2014-06-30 19:56:14.320 [2014-06-30 07:55:20.999998] restoring continuity
2014-06-30 19:56:14.320 Sending DT_OPEN
2014-06-30 19:56:14.320 Station: XX-2017
2014-06-30 19:56:14.320 Q330 Serial Number: 0100000DB18FC351
2014-06-30 19:56:14.320 AMB Serial Number: 0100000B6909DD82
2014-06-30 19:56:14.320 Seismo 2 Serial Number: 0000000000000000
2014-06-30 19:56:14.320 QAPCHP 1 Serial Number: 4643206

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2014-06-30 19:56:14.320 QAPCHP 2 Serial Number: 3743050  
 2014-06-30 19:56:14.320 KMI Property Tag Number: 2017  
 2014-06-30 19:56:14.320 System Software Version: 1.146  
 2014-06-30 19:56:14.320 Slave Processor Version: 1.11  
 2014-06-30 19:56:14.320 Calibrator Type: QCAL330  
 2014-06-30 19:56:14.320 Calibrator Version: 1.8  
 2014-06-30 19:56:14.320 Auxiliary Board Type: None  
 2014-06-30 19:56:14.320 Clock Type: Motorola M12  
 2014-06-30 19:56:14.320 PLD Version: 7.9  
 2014-06-30 19:56:14.320 Total Hours: 67200.40  
 2014-06-30 19:56:14.320 Power On Hours: 31830.78  
 2014-06-30 19:56:14.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-06-30 19:56:14.320 Total Number of Boots: 120  
 2014-06-30 19:56:14.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-06-30 19:56:14.320 Total Number of Re-Syncs: 213  
 2014-06-30 19:56:14.320 Status Inputs: 00000000  
 2014-06-30 19:56:14.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-06-30 19:56:14.320 Clock Quality: 100%  
 2014-06-30 19:56:14.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-06-30 19:56:14.320 Clock Phase: 0 usec. max allowed=50000  
 2014-06-30 19:56:14.320 Boom positions:  
 2014-06-30 19:56:14.320 ch1: -2 ch2: -11 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-06-30 19:56:14.320 Analog Status  
 2014-06-30 19:56:14.320 Analog Positive Supply: 5.46V  
 2014-06-30 19:56:14.320 Input Voltage: 13.35V  
 2014-06-30 19:56:14.320 System Temperature: 5C  
 2014-06-30 19:56:14.320 Main Current: 61ma  
 2014-06-30 19:56:14.320 Antenna Current: 0ma  
 2014-06-30 19:56:14.320 GPS Status  
 2014-06-30 19:56:14.320 Time: 19:56:13  
 2014-06-30 19:56:14.320 Date:  
 2014-06-30 19:56:14.320 Fix Type: 1-D  
 2014-06-30 19:56:14.320 Height:  
 2014-06-30 19:56:14.320 Latitude:  
 2014-06-30 19:56:14.320 Longitude:  
 2014-06-30 19:56:14.320 On Time: 0min  
 2014-06-30 19:56:14.320 Sat. Used: 0  
 2014-06-30 19:56:14.320 In View: 0  
 2014-06-30 19:56:14.320 Checksum Errors: 0  
 2014-06-30 19:56:14.320 Last GPS timemark: 2014-06-30 19:56:12  
 2014-06-30 19:56:14.320 PLL Status  
 2014-06-30 19:56:14.320 State: Lock  
 2014-06-30 19:56:14.320 Initial VCO: 2200.876221  
 2014-06-30 19:56:14.320 Time Error: 0.000000  
 2014-06-30 19:56:14.320 RMS VCO: 0.0000000  
 2014-06-30 19:56:14.320 Best VCO: 2200.80  
 2014-06-30 19:56:14.320 Seconds Since Track or Lock: 0.0  
 2014-06-30 19:56:14.320 Vco Control: 2201  
 2014-06-30 19:56:14.320 timing mode: external seascan  
 2014-06-30 19:56:14.320 tempco normal  
 2014-06-30 19:56:14.320 PLL update: 10s PLL lock criterion: 5us  
 2014-06-30 19:56:14.320 Pfrac: 150.00  
 2014-06-30 19:56:14.320 VCO slope: -0.0175000  
 2014-06-30 19:56:14.320 VCO intercept: 7.1100001  
 2014-06-30 19:56:14.320 km delta: 600.0000000  
 2014-06-30 19:56:14.320 Logical Port 4 Status  
 2014-06-30 19:56:14.320 Data Packets Sent: 8347482  
 2014-06-30 19:56:14.320 Flood Packets Sent: 0  
 2014-06-30 19:56:14.320 Packets Re-Sent: 12329  
 2014-06-30 19:56:14.320 Sequence Errors: 0  
 2014-06-30 19:56:14.320 Packet Buffer Used: 22006568  
 2014-06-30 19:56:14.320 Physical Port: Ethernet  
 2014-06-30 19:56:14.320 Baler Model: 14 Software Version: 2.28

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2014-06-30 19:56:14.320 MAC Address: 00:04:FB:00:02:EA
2014-06-30 19:56:14.320 Disk Size: 20000669696
2014-06-30 19:56:14.320 Percent of 1177 data files in use: 17.3
2014-06-30 19:56:14.320 Channels Enabled: 1234 Preamps ON channels:
2014-06-30 19:56:14.320 Channel Sensitivities (uV per count):
2014-06-30 19:56:14.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-06-30 19:56:14.320 Digitizer Calibration Results:
2014-06-30 19:56:14.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-06-30 19:56:14.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-06-30 19:56:14.320 DMU1 Software Version=10
2014-06-30 19:56:14.320 Supply Voltage=12.8
2014-06-30 19:56:14.320 Supply Current=0.41
2014-06-30 19:56:14.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-06-30 19:56:14.320 WebLink Data Maps Restored
2014-06-30 19:56:14.320 [2014-06-30 07:55:20.999998] sequence resumes: 7365030 to
7365030
2014-06-30 19:56:14.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-06-30 19:56:13
2014-06-30 20:01:44.700 [2014-06-30 20:01:43.000000] total packets received: 46942
2014-06-30 20:01:44.700 [2014-06-30 20:01:43.000000] command timeouts: 6
2014-06-30 20:01:44.700 [2014-06-30 20:01:43.000000] out of window: 65
2014-06-30 20:01:44.700 written: HHZ-1185 HH1-1346 HH2-1385 BDH-414 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-06-30 20:01:44.700 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-06-30 20:01:44.700 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-06-30 20:01:44.700 [2014-06-30 20:01:43.000000] Done: 4470 recs. seq end:
7408612. run: 325 s
2014-07-01 08:02:37.320
2014-07-01 08:02:37.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-01 08:02:37.320 Control Port 2491 Opened
2014-07-01 08:02:37.320 Baler ready on Ethernet
2014-07-01 08:02:37.320 Power Cycled Baler Acknowledged
2014-07-01 08:02:37.320 Commands Accepted by Q330
2014-07-01 08:02:37.320 Access timeout: 300 sec
2014-07-01 08:02:37.320 Control Port 4023 Opened
2014-07-01 08:02:37.320 Data Port 4024 Opened
2014-07-01 08:02:37.320 Registered with Q330
2014-07-01 08:02:37.320 Combination Record Received
2014-07-01 08:02:37.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-01 08:02:37.320 Link Reset, starting window sequence: 4839
2014-07-01 08:02:37.320 GPS Receiver ID Received
2014-07-01 08:02:37.320 Manufacturer's Data Received, Property Tag=2017
2014-07-01 08:02:37.320 Digitizer Gain & Offsets Received
2014-07-01 08:02:37.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4470 recs.
seq end: 7408612
2014-07-01 08:02:37.320 Baler clock set to 2014-07-01 08:02:36
2014-07-01 08:02:37.320 Starting to Read DP Tokens
2014-07-01 08:02:37.320 DP Tokens loaded, size=1474 bytes
2014-07-01 08:02:37.320 webserver advertising 192.168.200.119:5380
2014-07-01 08:02:37.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-01 08:02:37.320 filters & delay HH1:2@100,Linear all=0.320000
2014-07-01 08:02:37.320 filters & delay HH2:3@100,Linear all=0.320000
2014-07-01 08:02:37.320 filters & delay BDH:4@20,Linear all=1.650000
2014-07-01 08:02:37.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-01 08:02:37.320 filters & delay LH1:2@1,Linear all=15.000000
2014-07-01 08:02:37.320 filters & delay LH2:3@1,Linear all=15.000000
2014-07-01 08:02:37.320 filters & delay LDH:4@1,Linear all=15.000000
2014-07-01 08:02:37.320 [2014-06-30 20:01:43.000000] continuity found: 7408612
457473703.000000 Q=100
2014-07-01 08:02:37.320 [2014-06-30 20:01:43.000000] restoring continuity
2014-07-01 08:02:37.320 Sending DT_OPEN
2014-07-01 08:02:37.320 Station: XX-2017

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2014-07-01 08:02:37.320 Q330 Serial Number: 0100000DB18FC351  
 2014-07-01 08:02:37.320 AMB Serial Number: 0100000B6909DD82  
 2014-07-01 08:02:37.320 Seismo 1 Serial Number: 0000000000000000  
 2014-07-01 08:02:37.320 Seismo 2 Serial Number: 0000000000000000  
 2014-07-01 08:02:37.320 QAPCHP 1 Serial Number: 4643206  
 2014-07-01 08:02:37.320 QAPCHP 2 Serial Number: 3743050  
 2014-07-01 08:02:37.320 KMI Property Tag Number: 2017  
 2014-07-01 08:02:37.320 System Software Version: 1.146  
 2014-07-01 08:02:37.320 Slave Processor Version: 1.11  
 2014-07-01 08:02:37.320 Calibrator Type: QCAL330  
 2014-07-01 08:02:37.320 Calibrator Version: 1.8  
 2014-07-01 08:02:37.320 Auxiliary Board Type: None  
 2014-07-01 08:02:37.320 Clock Type: Motorola M12  
 2014-07-01 08:02:37.320 PLD Version: 7.9  
 2014-07-01 08:02:37.320 Total Hours: 67212.50  
 2014-07-01 08:02:37.320 Power On Hours: 31842.89  
 2014-07-01 08:02:37.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-01 08:02:37.320 Total Number of Boots: 120  
 2014-07-01 08:02:37.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-01 08:02:37.320 Total Number of Re-Syncs: 213  
 2014-07-01 08:02:37.320 Status Inputs: 00000000  
 2014-07-01 08:02:37.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-07-01 08:02:37.320 Clock Quality: 100%  
 2014-07-01 08:02:37.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-01 08:02:37.320 Clock Phase: 0 usec. max allowed=50000  
 2014-07-01 08:02:37.320 Boom positions:  
 2014-07-01 08:02:37.320 Ch1: -2 Ch2: -9 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-01 08:02:37.320 Analog Status  
 2014-07-01 08:02:37.320 Analog Positive Supply: 5.46V  
 2014-07-01 08:02:37.320 Input Voltage: 13.20V  
 2014-07-01 08:02:37.320 System Temperature: 5C  
 2014-07-01 08:02:37.320 Main Current: 63ma  
 2014-07-01 08:02:37.320 Antenna Current: 0ma  
 2014-07-01 08:02:37.320 GPS Status  
 2014-07-01 08:02:37.320 Time: 08:02:35  
 2014-07-01 08:02:37.320 Date:  
 2014-07-01 08:02:37.320 Fix Type: 1-D  
 2014-07-01 08:02:37.320 Height:  
 2014-07-01 08:02:37.320 Latitude:  
 2014-07-01 08:02:37.320 Longitude:  
 2014-07-01 08:02:37.320 On Time: 0min  
 2014-07-01 08:02:37.320 Sat. Used: 0  
 2014-07-01 08:02:37.320 In View: 0  
 2014-07-01 08:02:37.320 Checksum Errors: 0  
 2014-07-01 08:02:37.320 Last GPS timemark: 2014-07-01 08:02:34  
 2014-07-01 08:02:37.320 PLL Status  
 2014-07-01 08:02:37.320 State: Lock  
 2014-07-01 08:02:37.320 Initial VCO: 2200.595703  
 2014-07-01 08:02:37.320 Time Error: 0.000000  
 2014-07-01 08:02:37.320 RMS VCO: 0.0000000  
 2014-07-01 08:02:37.320 Best VCO: 2200.70  
 2014-07-01 08:02:37.320 Seconds Since Track or Lock: 0.0  
 2014-07-01 08:02:37.320 Vco Control: 2200  
 2014-07-01 08:02:37.320 timing mode: external seascan  
 2014-07-01 08:02:37.320 tempco normal  
 2014-07-01 08:02:37.320 PLL update: 10s PLL lock criterion: 5us  
 2014-07-01 08:02:37.320 Pfrac: 150.00  
 2014-07-01 08:02:37.320 VCO slope: -0.0175000  
 2014-07-01 08:02:37.320 VCO intercept: 7.1100001  
 2014-07-01 08:02:37.320 Km delta: 600.0000000  
 2014-07-01 08:02:37.320 Logical Port 4 Status  
 2014-07-01 08:02:37.320 Data Packets Sent: 8394329  
 2014-07-01 08:02:37.320 Flood Packets Sent: 0

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2014-07-01 08:02:37.320 Packets Re-Sent: 12410
2014-07-01 08:02:37.320 Sequence Errors: 0
2014-07-01 08:02:37.320 Packet Buffer Used: 22064512
2014-07-01 08:02:37.320 Physical Port: Ethernet
2014-07-01 08:02:37.320 Baler Model: 14   Software Version: 2.28
2014-07-01 08:02:37.320 MAC Address: 00:04:FB:00:02:EA
2014-07-01 08:02:37.320 Disk Size: 20000669696
2014-07-01 08:02:37.320 Percent of 1177 data files in use: 17.3
2014-07-01 08:02:37.320 Channels Enabled: 1234   Preamps ON channels:
2014-07-01 08:02:37.320 Channel Sensitivities (uV per count):
2014-07-01 08:02:37.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-01 08:02:37.320 Digitizer Calibration Results:
2014-07-01 08:02:37.320 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-07-01 08:02:37.320 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-07-01 08:02:37.320 DMU1 Software Version=10
2014-07-01 08:02:37.320 Supply Voltage=12.6
2014-07-01 08:02:37.320 Supply Current=0.41
2014-07-01 08:02:37.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-01 08:02:37.320 webLink Data Maps Restored
2014-07-01 08:02:37.320 [2014-06-30 20:01:43.000000] sequence resumes: 7408612 to
7408612
2014-07-01 08:02:37.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-07-01 08:02:36
2014-07-01 08:04:27.330 [2014-07-01 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-01 08:08:06.980 [2014-07-01 08:01:38.000000] total packets received: 47784
2014-07-01 08:08:06.980 [2014-07-01 08:01:38.000000] command timeouts: 6
2014-07-01 08:08:06.980 [2014-07-01 08:01:38.000000] out of window: 79
2014-07-01 08:08:06.980 written: HHZ-1187 HH1-1335 HH2-1389 BDH-400 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-01 08:08:06.980 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-07-01 08:08:06.980 [2014-07-01 08:01:38.000000] Done: 4449 recs. seq end:
7451807. run: 325 s
2014-07-01 20:09:00.310
2014-07-01 20:09:00.310 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-01 20:09:00.310 Control Port 2491 Opened
2014-07-01 20:09:00.310 Baler ready on Ethernet
2014-07-01 20:09:00.310 Power Cycled Baler Acknowledged
2014-07-01 20:09:00.310 Commands Accepted by Q330
2014-07-01 20:09:00.310 Access timeout: 300 sec
2014-07-01 20:09:00.310 Control Port 4023 Opened
2014-07-01 20:09:00.310 Data Port 4024 Opened
2014-07-01 20:09:00.310 Registered with Q330
2014-07-01 20:09:00.310 Combination Record Received
2014-07-01 20:09:00.310 Window=4   Min. Timeout=10   Max. Timeout=30
2014-07-01 20:09:00.310 Link Reset, starting window sequence: 52509
2014-07-01 20:09:00.310 GPS Receiver ID Received
2014-07-01 20:09:00.310 Manufacturer's Data Received, Property Tag=2017
2014-07-01 20:09:00.310 Digitizer Gain & Offsets Received
2014-07-01 20:09:00.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4449 recs.
seq end: 7451807
2014-07-01 20:09:00.310 Baler clock set to 2014-07-01 20:08:59
2014-07-01 20:09:00.310 Starting to Read DP Tokens
2014-07-01 20:09:00.310 DP Tokens loaded, size=1474 bytes
2014-07-01 20:09:00.310 webserver advertising 192.168.200.119:5380
2014-07-01 20:09:00.310 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-01 20:09:00.310 filters & delay HH1:2@100,Linear all=0.320000
2014-07-01 20:09:00.310 filters & delay HH2:3@100,Linear all=0.320000
2014-07-01 20:09:00.310 filters & delay BDH:4@20,Linear all=1.650000
2014-07-01 20:09:00.310 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-01 20:09:00.310 filters & delay LH1:2@1,Linear all=15.000000
2014-07-01 20:09:00.310 filters & delay LH2:3@1,Linear all=15.000000
2014-07-01 20:09:00.310 filters & delay LDH:4@1,Linear all=15.000000

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2014-07-01 20:09:00.310 [2014-07-01 08:01:38.000000] continuity found: 7451807
457516898.000000 Q=100
2014-07-01 20:09:00.310 [2014-07-01 08:01:38.000000] restoring continuity
2014-07-01 20:09:00.310 Sending DT_OPEN
2014-07-01 20:09:00.310 Station: XX-2017
2014-07-01 20:09:00.310 Q330 Serial Number: 0100000DB18FC351
2014-07-01 20:09:00.310 AMB Serial Number: 0100000B6909DD82
2014-07-01 20:09:00.310 Seismo 1 Serial Number: 0000000000000000
2014-07-01 20:09:00.310 Seismo 2 Serial Number: 0000000000000000
2014-07-01 20:09:00.310 QAPCHP 1 Serial Number: 4643206
2014-07-01 20:09:00.310 QAPCHP 2 Serial Number: 3743050
2014-07-01 20:09:00.310 KMI Property Tag Number: 2017
2014-07-01 20:09:00.310 System Software Version: 1.146
2014-07-01 20:09:00.310 Slave Processor Version: 1.11
2014-07-01 20:09:00.310 Calibrator Type: QCAL330
2014-07-01 20:09:00.310 Calibrator Version: 1.8
2014-07-01 20:09:00.310 Auxiliary Board Type: None
2014-07-01 20:09:00.310 Clock Type: Motorola M12
2014-07-01 20:09:00.310 PLD Version: 7.9
2014-07-01 20:09:00.310 Total Hours: 67224.61
2014-07-01 20:09:00.310 Power On Hours: 31854.99
2014-07-01 20:09:00.310 Time of Last Boot: 2014-04-06 02:03:58
2014-07-01 20:09:00.310 Total Number of Boots: 120
2014-07-01 20:09:00.310 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-01 20:09:00.310 Total Number of Re-Syncs: 213
2014-07-01 20:09:00.310 Status Inputs: 00000000
2014-07-01 20:09:00.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-01 20:09:00.310 Clock Quality: 100%
2014-07-01 20:09:00.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-01 20:09:00.310 Clock Phase: 0 usec. max allowed=50000
2014-07-01 20:09:00.310 Boom positions:
2014-07-01 20:09:00.310 Ch1: -2 Ch2: -11 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-01 20:09:00.310 Analog Status
2014-07-01 20:09:00.310 Analog Positive Supply: 5.46V
2014-07-01 20:09:00.310 Input Voltage: 13.35V
2014-07-01 20:09:00.310 System Temperature: 5C
2014-07-01 20:09:00.310 Main Current: 60ma
2014-07-01 20:09:00.310 Antenna Current: 0ma
2014-07-01 20:09:00.310 GPS Status
2014-07-01 20:09:00.310 Time: 20:08:59
2014-07-01 20:09:00.310 Date:
2014-07-01 20:09:00.310 Fix Type: 1-D
2014-07-01 20:09:00.310 Height:
2014-07-01 20:09:00.310 Latitude:
2014-07-01 20:09:00.310 Longitude:
2014-07-01 20:09:00.310 On Time: 0min
2014-07-01 20:09:00.310 Sat. Used: 0
2014-07-01 20:09:00.310 In View: 0
2014-07-01 20:09:00.310 Checksum Errors: 0
2014-07-01 20:09:00.310 Last GPS timemark: 2014-07-01 20:08:58
2014-07-01 20:09:00.310 PLL Status
2014-07-01 20:09:00.310 State: Lock
2014-07-01 20:09:00.310 Initial VCO: 2200.548340
2014-07-01 20:09:00.310 Time Error: 0.000000
2014-07-01 20:09:00.310 RMS VCO: 0.0000000
2014-07-01 20:09:00.310 Best VCO: 2200.54
2014-07-01 20:09:00.310 Seconds Since Track or Lock: 0.0
2014-07-01 20:09:00.310 Vco Control: 2201
2014-07-01 20:09:00.310 timing mode: external seascan
2014-07-01 20:09:00.310 tempco normal
2014-07-01 20:09:00.310 PLL update: 10s PLL lock criterion: 5us
2014-07-01 20:09:00.310 Pfrac: 150.00
2014-07-01 20:09:00.310 VCO slope: -0.0175000

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2014-07-01 20:09:00.310 VCO intercept: 7.1100001
2014-07-01 20:09:00.310 Km delta: 600.0000000
2014-07-01 20:09:00.310 Logical Port 4 Status
2014-07-01 20:09:00.310 Data Packets Sent: 8442004
2014-07-01 20:09:00.310 Flood Packets Sent: 0
2014-07-01 20:09:00.310 Packets Re-Sent: 12509
2014-07-01 20:09:00.310 Sequence Errors: 0
2014-07-01 20:09:00.310 Packet Buffer Used: 21254848
2014-07-01 20:09:00.310 Physical Port: Ethernet
2014-07-01 20:09:00.310 Baler Model: 14 Software Version: 2.28
2014-07-01 20:09:00.310 MAC Address: 00:04:FB:00:02:EA
2014-07-01 20:09:00.310 Disk Size: 20000669696
2014-07-01 20:09:00.310 Percent of 1177 data files in use: 17.6
2014-07-01 20:09:00.310 Channels Enabled: 1234 Preamps ON channels:
2014-07-01 20:09:00.310 Channel Sensitivities (uV per count):
2014-07-01 20:09:00.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-01 20:09:00.310 Digitizer Calibration Results:
2014-07-01 20:09:00.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-01 20:09:00.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-01 20:09:00.310 DMU1 Software Version=10
2014-07-01 20:09:00.310 Supply Voltage=12.7
2014-07-01 20:09:00.310 Supply Current=0.40
2014-07-01 20:09:00.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-01 20:09:00.310 WebLink Data Maps Restored
2014-07-01 20:09:00.310 [2014-07-01 08:01:38.000000] sequence resumes: 7451807 to
7451807
2014-07-01 20:09:00.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-01 20:08:59
2014-07-01 20:14:18.830 Reducing Status Polling Interval
2014-07-01 20:14:18.830 [2014-07-01 20:14:17.999998] total packets received: 44236
2014-07-01 20:14:18.830 [2014-07-01 20:14:17.999998] command timeouts: 6
2014-07-01 20:14:18.830 [2014-07-01 20:14:17.999998] out of window: 57
2014-07-01 20:14:18.830 written: HHZ-1109 HH1-1273 HH2-1368 BDH-401 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-07-01 20:14:18.830 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-07-01 20:14:18.830 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-01 20:14:18.830 [2014-07-01 20:14:17.999998] Done: 4284 recs. seq end:
7495767. run: 314 s
2014-07-02 08:15:10.350
2014-07-02 08:15:10.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-02 08:15:10.350 Control Port 2491 Opened
2014-07-02 08:15:10.350 Baler ready on Ethernet
2014-07-02 08:15:10.350 Power Cycled Baler Acknowledged
2014-07-02 08:15:10.350 Commands Accepted by Q330
2014-07-02 08:15:10.350 Access timeout: 300 sec
2014-07-02 08:15:10.350 Control Port 4023 Opened
2014-07-02 08:15:10.350 Data Port 4024 Opened
2014-07-02 08:15:10.350 Registered with Q330
2014-07-02 08:15:10.350 Combination Record Received
2014-07-02 08:15:10.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-02 08:15:10.350 Link Reset, starting window sequence: 31117
2014-07-02 08:15:10.350 GPS Receiver ID Received
2014-07-02 08:15:10.350 Manufacturer's Data Received, Property Tag=2017
2014-07-02 08:15:10.350 Digitizer Gain & Offsets Received
2014-07-02 08:15:10.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4284 recs.
seq end: 7495767
2014-07-02 08:15:10.350 Baler clock set to 2014-07-02 08:15:09
2014-07-02 08:15:10.350 Starting to Read DP Tokens
2014-07-02 08:15:10.350 DP Tokens loaded, size=1474 bytes
2014-07-02 08:15:10.350 webserver advertising 192.168.200.119:5380
2014-07-02 08:15:10.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-02 08:15:10.350 filters & delay HH1:2@100,Linear all=0.320000

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2014-07-02 08:15:10.350 filters & delay HH2:3@100,Linear all=0.320000
2014-07-02 08:15:10.350 filters & delay BDH:4@20,Linear all=1.650000
2014-07-02 08:15:10.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-02 08:15:10.350 filters & delay LH1:2@1,Linear all=15.000000
2014-07-02 08:15:10.350 filters & delay LH2:3@1,Linear all=15.000000
2014-07-02 08:15:10.350 filters & delay LDH:4@1,Linear all=15.000000
2014-07-02 08:15:10.350 [2014-07-01 20:14:17.999998] continuity found: 7495767
457560858.000000 Q=100
2014-07-02 08:15:10.350 [2014-07-01 20:14:17.999998] restoring continuity
2014-07-02 08:15:10.350 Sending DT_OPEN
2014-07-02 08:15:10.350 Station: XX-2017
2014-07-02 08:15:10.350 Q330 Serial Number: 0100000DB18FC351
2014-07-02 08:15:10.350 AMB Serial Number: 0100000B6909DD82
2014-07-02 08:15:10.350 Seismo 1 Serial Number: 0000000000000000
2014-07-02 08:15:10.350 Seismo 2 Serial Number: 0000000000000000
2014-07-02 08:15:10.350 QAPCHP 1 Serial Number: 4643206
2014-07-02 08:15:10.350 QAPCHP 2 Serial Number: 3743050
2014-07-02 08:15:10.350 KMI Property Tag Number: 2017
2014-07-02 08:15:10.350 System Software Version: 1.146
2014-07-02 08:15:10.350 Slave Processor Version: 1.11
2014-07-02 08:15:10.350 Calibrator Type: QCAL330
2014-07-02 08:15:10.350 Calibrator Version: 1.8
2014-07-02 08:15:10.350 Auxiliary Board Type: None
2014-07-02 08:15:10.350 Clock Type: Motorola M12
2014-07-02 08:15:10.350 PLD Version: 7.9
2014-07-02 08:15:10.350 Total Hours: 67236.71
2014-07-02 08:15:10.350 Power On Hours: 31867.10
2014-07-02 08:15:10.350 Time of Last Boot: 2014-04-06 02:03:58
2014-07-02 08:15:10.350 Total Number of Boots: 120
2014-07-02 08:15:10.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-02 08:15:10.350 Total Number of Re-Syncs: 213
2014-07-02 08:15:10.350 Status Inputs: 00000000
2014-07-02 08:15:10.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-07-02 08:15:10.350 Clock Quality: 100%
2014-07-02 08:15:10.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-02 08:15:10.350 Clock Phase: 0 usec. max allowed=50000
2014-07-02 08:15:10.350 Boom positions:
2014-07-02 08:15:10.350 Ch1: -2 Ch2: 4 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-02 08:15:10.350 Analog Status
2014-07-02 08:15:10.350 Analog Positive Supply: 5.46V
2014-07-02 08:15:10.350 Input Voltage: 13.35V
2014-07-02 08:15:10.350 System Temperature: 5C
2014-07-02 08:15:10.350 Main Current: 62ma
2014-07-02 08:15:10.350 Antenna Current: 0ma
2014-07-02 08:15:10.350 GPS Status
2014-07-02 08:15:10.350 Time: 08:15:09
2014-07-02 08:15:10.350 Date:
2014-07-02 08:15:10.350 Fix Type: 1-D
2014-07-02 08:15:10.350 Height:
2014-07-02 08:15:10.350 Latitude:
2014-07-02 08:15:10.350 Longitude:
2014-07-02 08:15:10.350 On Time: 0min
2014-07-02 08:15:10.350 Sat. Used: 0
2014-07-02 08:15:10.350 In View: 0
2014-07-02 08:15:10.350 Checksum Errors: 0
2014-07-02 08:15:10.350 Last GPS timemark: 2014-07-02 08:15:08
2014-07-02 08:15:10.350 State: Lock
2014-07-02 08:15:10.350 Initial VCO: 2200.579102
2014-07-02 08:15:10.350 Time Error: 0.000000
2014-07-02 08:15:10.350 RMS VCO: 0.0000000
2014-07-02 08:15:10.350 Best VCO: 2200.95
2014-07-02 08:15:10.350 Seconds Since Track or Lock: 0.0
2014-07-02 08:15:10.350 vco control: 2200

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2014-07-02 08:15:10.350 timing mode: external seascan  
 2014-07-02 08:15:10.350 tempco normal  
 2014-07-02 08:15:10.350 PLL update: 10s PLL lock criterion: 5us  
 2014-07-02 08:15:10.350 Pfrac: 150.00  
 2014-07-02 08:15:10.350 VCO slope: -0.0175000  
 2014-07-02 08:15:10.350 VCO intercept: 7.1100001  
 2014-07-02 08:15:10.350 km delta: 600.0000000  
 2014-07-02 08:15:10.350 Logical Port 4 Status  
 2014-07-02 08:15:10.350 Data Packets Sent: 8486153  
 2014-07-02 08:15:10.350 Flood Packets Sent: 0  
 2014-07-02 08:15:10.350 Packets Re-Sent: 12580  
 2014-07-02 08:15:10.350 Sequence Errors: 0  
 2014-07-02 08:15:10.350 Packet Buffer Used: 21089620  
 2014-07-02 08:15:10.350 Physical Port: Ethernet  
 2014-07-02 08:15:10.350 Baler Model: 14 Software Version: 2.28  
 2014-07-02 08:15:10.350 MAC Address: 00:04:FB:00:02:EA  
 2014-07-02 08:15:10.350 Disk Size: 20000669696  
 2014-07-02 08:15:10.350 Percent of 1177 data files in use: 17.6  
 2014-07-02 08:15:10.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-02 08:15:10.350 Channel Sensitivities (uV per count):  
 2014-07-02 08:15:10.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-02 08:15:10.350 Digitizer Calibration Results:  
 2014-07-02 08:15:10.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-02 08:15:10.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-02 08:15:10.350 DMU1 Software Version=10  
 2014-07-02 08:15:10.350 Supply Voltage=12.7  
 2014-07-02 08:15:10.350 Supply Current=0.40  
 2014-07-02 08:15:10.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-02 08:15:10.350 webLink Data Maps Restored  
 2014-07-02 08:15:10.350 [2014-07-01 20:14:17.999998] sequence resumes: 7495767 to  
 7495767  
 2014-07-02 08:15:10.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-02 08:15:09  
 2014-07-02 08:16:47.620 [2014-07-02 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-07-02 08:20:28.530 Reducing Status Polling Interval  
 2014-07-02 08:20:28.530 [2014-07-02 08:20:28.000000] total packets received: 43897  
 2014-07-02 08:20:28.530 [2014-07-02 08:20:28.000000] command timeouts: 6  
 2014-07-02 08:20:28.530 [2014-07-02 08:20:28.000000] out of window: 56  
 2014-07-02 08:20:28.530 written: HHZ-1097 HH1-1288 HH2-1343 BDH-400 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-07-02 08:20:28.530 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-07-02 08:20:28.530 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-07-02 08:20:28.530 [2014-07-02 08:20:28.000000] Done: 4268 recs. seq end:  
 7539337. run: 314 s  
 2014-07-02 20:21:20.320  
 2014-07-02 20:21:20.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-02 20:21:20.320 Control Port 2491 Opened  
 2014-07-02 20:21:20.320 Baler ready on Ethernet  
 2014-07-02 20:21:20.320 Power Cycled Baler Acknowledged  
 2014-07-02 20:21:20.320 Commands Accepted by Q330  
 2014-07-02 20:21:20.320 Access timeout: 300 sec  
 2014-07-02 20:21:20.320 Control Port 4023 Opened  
 2014-07-02 20:21:20.320 Data Port 4024 Opened  
 2014-07-02 20:21:20.320 Registered with Q330  
 2014-07-02 20:21:20.320 Combination Record Received  
 2014-07-02 20:21:20.320 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-02 20:21:20.320 Link Reset, starting window sequence: 9387  
 2014-07-02 20:21:20.320 GPS Receiver ID Received  
 2014-07-02 20:21:20.320 Manufacturer's Data Received, Property Tag=2017  
 2014-07-02 20:21:20.320 Digitizer Gain & Offsets Received  
 2014-07-02 20:21:20.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4268 recs.

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seq end: 7539337

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2014-07-02 20:21:20.320 Baler clock set to 2014-07-02 20:21:19
2014-07-02 20:21:20.320 Starting to Read DP Tokens
2014-07-02 20:21:20.320 DP Tokens loaded, size=1474 bytes
2014-07-02 20:21:20.320 webserver advertising 192.168.200.119:5380
2014-07-02 20:21:20.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-02 20:21:20.320 filters & delay HH1:2@100,Linear all=0.320000
2014-07-02 20:21:20.320 filters & delay HH2:3@100,Linear all=0.320000
2014-07-02 20:21:20.320 filters & delay BDH:4@20,Linear all=1.650000
2014-07-02 20:21:20.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-02 20:21:20.320 filters & delay LH1:2@1,Linear all=15.000000
2014-07-02 20:21:20.320 filters & delay LH2:3@1,Linear all=15.000000
2014-07-02 20:21:20.320 filters & delay LDH:4@1,Linear all=15.000000
2014-07-02 20:21:20.320 [2014-07-02 08:20:28.000000] continuity found: 7539337
457604428.000000 Q=100
2014-07-02 20:21:20.320 [2014-07-02 08:20:28.000000] restoring continuity
2014-07-02 20:21:20.320 Sending DT_OPEN
2014-07-02 20:21:20.320 Station: XX-2017
2014-07-02 20:21:20.320 Q330 Serial Number: 0100000DB18FC351
2014-07-02 20:21:20.320 AMB Serial Number: 0100000B6909DD82
2014-07-02 20:21:20.320 Seismo 1 Serial Number: 0000000000000000
2014-07-02 20:21:20.320 Seismo 2 Serial Number: 0000000000000000
2014-07-02 20:21:20.320 QAPCHP 1 Serial Number: 4643206
2014-07-02 20:21:20.320 QAPCHP 2 Serial Number: 3743050
2014-07-02 20:21:20.320 KMI Property Tag Number: 2017
2014-07-02 20:21:20.320 System Software Version: 1.146
2014-07-02 20:21:20.320 Slave Processor Version: 1.11
2014-07-02 20:21:20.320 Calibrator Type: QCAL330
2014-07-02 20:21:20.320 Calibrator Version: 1.8
2014-07-02 20:21:20.320 Auxiliary Board Type: None
2014-07-02 20:21:20.320 Clock Type: Motorola M12
2014-07-02 20:21:20.320 PLD Version: 7.9
2014-07-02 20:21:20.320 Total Hours: 67248.82
2014-07-02 20:21:20.320 Power On Hours: 31879.20
2014-07-02 20:21:20.320 Time of Last Boot: 2014-04-06 02:03:58
2014-07-02 20:21:20.320 Total Number of Boots: 120
2014-07-02 20:21:20.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-02 20:21:20.320 Total Number of Re-Syncs: 213
2014-07-02 20:21:20.320 Status Inputs: 00000000
2014-07-02 20:21:20.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-02 20:21:20.320 Clock Quality: 100%
2014-07-02 20:21:20.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-02 20:21:20.320 Clock Phase: 1 usec. max allowed=50000
2014-07-02 20:21:20.320 Boom positions:
2014-07-02 20:21:20.320 ch1: -2 ch2: 4 ch3: 0 ch4: 20 ch5: 20 ch6: 20
2014-07-02 20:21:20.320 Analog Status
2014-07-02 20:21:20.320 Analog Positive Supply: 5.46V
2014-07-02 20:21:20.320 Input Voltage: 13.35V
2014-07-02 20:21:20.320 System Temperature: 5C
2014-07-02 20:21:20.320 Main Current: 61ma
2014-07-02 20:21:20.320 Antenna Current: 0ma
2014-07-02 20:21:20.320 GPS Status
2014-07-02 20:21:20.320 Time: 20:21:19
2014-07-02 20:21:20.320 Date:
2014-07-02 20:21:20.320 Fix Type: 1-D
2014-07-02 20:21:20.320 Height:
2014-07-02 20:21:20.320 Latitude:
2014-07-02 20:21:20.320 Longitude:
2014-07-02 20:21:20.320 On Time: 0min
2014-07-02 20:21:20.320 Sat. Used: 0
2014-07-02 20:21:20.320 In View: 0
2014-07-02 20:21:20.320 Checksum Errors: 0
2014-07-02 20:21:20.320 Last GPS timemark: 2014-07-02 20:21:18

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2014-07-02 20:21:20.320 PLL Status
2014-07-02 20:21:20.320 State: Lock
2014-07-02 20:21:20.320 Initial VCO: 2201.285156
2014-07-02 20:21:20.320 Time Error: -0.000001
2014-07-02 20:21:20.320 RMS VCO: 0.0000000
2014-07-02 20:21:20.320 Best VCO: 2201.45
2014-07-02 20:21:20.320 Seconds Since Track or Lock: 0.0
2014-07-02 20:21:20.320 Vco Control: 2201
2014-07-02 20:21:20.320 timing mode: external seascan
2014-07-02 20:21:20.320 tempco normal
2014-07-02 20:21:20.320 PLL update: 10s PLL lock criterion: 5us
2014-07-02 20:21:20.320 Pfrac: 150.00
2014-07-02 20:21:20.320 VCO slope: -0.0175000
2014-07-02 20:21:20.320 VCO intercept: 7.1100001
2014-07-02 20:21:20.320 km delta: 600.0000000
2014-07-02 20:21:20.320 Logical Port 4 Status
2014-07-02 20:21:20.320 Data Packets Sent: 8529964
2014-07-02 20:21:20.320 Flood Packets Sent: 0
2014-07-02 20:21:20.320 Packets Re-Sent: 12653
2014-07-02 20:21:20.320 Sequence Errors: 0
2014-07-02 20:21:20.320 Packet Buffer Used: 22283412
2014-07-02 20:21:20.320 Physical Port: Ethernet
2014-07-02 20:21:20.320 Baler Model: 14 Software Version: 2.28
2014-07-02 20:21:20.320 MAC Address: 00:04:FB:00:02:EA
2014-07-02 20:21:20.320 Disk Size: 20000669696
2014-07-02 20:21:20.320 Percent of 1177 data files in use: 17.6
2014-07-02 20:21:20.320 Channels Enabled: 1234 Preamps ON channels:
2014-07-02 20:21:20.320 Channel Sensitivities (uV per count):
2014-07-02 20:21:20.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-02 20:21:20.320 Digitizer Calibration Results:
2014-07-02 20:21:20.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-02 20:21:20.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-02 20:21:20.320 DMU1 Software Version=10
2014-07-02 20:21:20.320 Supply Voltage=12.7
2014-07-02 20:21:20.320 Supply Current=0.41
2014-07-02 20:21:20.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-02 20:21:20.320 webLink Data Maps Restored
2014-07-02 20:21:20.320 [2014-07-02 08:20:28.000000] sequence resumes: 7539337 to
7539337
2014-07-02 20:21:20.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-02 20:21:19
2014-07-02 20:26:50.920 [2014-07-02 20:20:42.000000] total packets received: 50368
2014-07-02 20:26:50.920 [2014-07-02 20:20:42.000000] command timeouts: 6
2014-07-02 20:26:50.920 [2014-07-02 20:20:42.000000] out of window: 68
2014-07-02 20:26:50.920 written: HHZ-1176 HH1-1374 HH2-1406 BDH-407 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-02 20:26:50.920 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-02 20:26:50.920 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-02 20:26:50.920 [2014-07-02 20:20:42.000000] Done: 4500 recs. seq end:
7582551. run: 325 s
2014-07-03 08:27:41.340
2014-07-03 08:27:41.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-03 08:27:41.340 Control Port 2491 Opened
2014-07-03 08:27:41.340 Baler ready on Ethernet
2014-07-03 08:27:41.340 Power Cycled Baler Acknowledged
2014-07-03 08:27:41.340 Commands Accepted by Q330
2014-07-03 08:27:41.340 Access timeout: 300 sec
2014-07-03 08:27:41.340 Control Port 4023 Opened
2014-07-03 08:27:41.340 Data Port 4024 Opened
2014-07-03 08:27:41.340 Registered with Q330
2014-07-03 08:27:41.340 Combination Record Received
2014-07-03 08:27:41.340 window=4 Min. Timeout=10 Max. Timeout=30

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2014-07-03 08:27:41.340 Link Reset, starting window sequence: 59651  
 2014-07-03 08:27:41.340 GPS Receiver ID Received  
 2014-07-03 08:27:41.340 Manufacturer's Data Received, Property Tag=2017  
 2014-07-03 08:27:41.340 Digitizer Gain & Offsets Received  
 2014-07-03 08:27:41.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4500 recs.  
 seq end: 7582551  
 2014-07-03 08:27:41.340 Baler clock set to 2014-07-03 08:27:40  
 2014-07-03 08:27:41.340 Starting to Read DP Tokens  
 2014-07-03 08:27:41.340 DP Tokens loaded, size=1474 bytes  
 2014-07-03 08:27:41.340 webserver advertising 192.168.200.119:5380  
 2014-07-03 08:27:41.340 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-03 08:27:41.340 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-03 08:27:41.340 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-03 08:27:41.340 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-03 08:27:41.340 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-03 08:27:41.340 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-03 08:27:41.340 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-03 08:27:41.340 [2014-07-02 20:20:42.000000] continuity found: 7582551  
 457647642.000000 Q=100  
 2014-07-03 08:27:41.340 [2014-07-02 20:20:42.000000] restoring continuity  
 2014-07-03 08:27:41.340 Sending DT\_OPEN  
 2014-07-03 08:27:41.340 Station: XX-2017  
 2014-07-03 08:27:41.340 Q330 Serial Number: 0100000DB18FC351  
 2014-07-03 08:27:41.340 AMB Serial Number: 0100000B6909DD82  
 2014-07-03 08:27:41.340 Seismo 1 Serial Number: 0000000000000000  
 2014-07-03 08:27:41.340 Seismo 2 Serial Number: 0000000000000000  
 2014-07-03 08:27:41.340 QAPCHP 1 Serial Number: 4643206  
 2014-07-03 08:27:41.340 QAPCHP 2 Serial Number: 3743050  
 2014-07-03 08:27:41.340 KMI Property Tag Number: 2017  
 2014-07-03 08:27:41.340 System Software Version: 1.146  
 2014-07-03 08:27:41.340 Slave Processor Version: 1.11  
 2014-07-03 08:27:41.340 Calibrator Type: QCAL330  
 2014-07-03 08:27:41.340 Calibrator Version: 1.8  
 2014-07-03 08:27:41.340 Auxiliary Board Type: None  
 2014-07-03 08:27:41.340 Clock Type: Motorola M12  
 2014-07-03 08:27:41.340 PLD Version: 7.9  
 2014-07-03 08:27:41.340 Total Hours: 67260.92  
 2014-07-03 08:27:41.340 Power On Hours: 31891.31  
 2014-07-03 08:27:41.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-03 08:27:41.340 Total Number of Boots: 120  
 2014-07-03 08:27:41.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-03 08:27:41.340 Total Number of Re-Syncs: 213  
 2014-07-03 08:27:41.340 Status Inputs: 00000000  
 2014-07-03 08:27:41.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-03 08:27:41.340 Clock Quality: 100%  
 2014-07-03 08:27:41.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-03 08:27:41.340 Clock Phase: 0 usec. max allowed=50000  
 2014-07-03 08:27:41.340 Boom positions:  
 2014-07-03 08:27:41.340 ch1: -3 ch2: 4 ch3: 1 ch4: 20 ch5: 20 ch6: 20  
 2014-07-03 08:27:41.340 Analog Status  
 2014-07-03 08:27:41.340 Analog Positive Supply: 5.46V  
 2014-07-03 08:27:41.340 Input Voltage: 13.35V  
 2014-07-03 08:27:41.340 System Temperature: 5C  
 2014-07-03 08:27:41.340 Main Current: 62ma  
 2014-07-03 08:27:41.340 Antenna Current: 0ma  
 2014-07-03 08:27:41.340 GPS Status  
 2014-07-03 08:27:41.340 Time: 08:27:40  
 2014-07-03 08:27:41.340 Date:  
 2014-07-03 08:27:41.340 Fix Type: 1-D  
 2014-07-03 08:27:41.340 Height:  
 2014-07-03 08:27:41.340 Latitude:  
 2014-07-03 08:27:41.340 Longitude:  
 2014-07-03 08:27:41.340 On Time: 0min

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2014-07-03 08:27:41.340 Sat. Used: 0  
 2014-07-03 08:27:41.340 In View: 0  
 2014-07-03 08:27:41.340 Checksum Errors: 0  
 2014-07-03 08:27:41.340 Last GPS timemark: 2014-07-03 08:27:39  
 2014-07-03 08:27:41.340 PLL Status  
 2014-07-03 08:27:41.340 State: Lock  
 2014-07-03 08:27:41.340 Initial VCO: 2201.354248  
 2014-07-03 08:27:41.340 Time Error: 0.000000  
 2014-07-03 08:27:41.340 RMS VCO: 0.000000  
 2014-07-03 08:27:41.340 Best VCO: 2201.41  
 2014-07-03 08:27:41.340 Seconds Since Track or Lock: 0.0  
 2014-07-03 08:27:41.340 Vco Control: 2201  
 2014-07-03 08:27:41.340 timing mode: external seascan  
 2014-07-03 08:27:41.340 tempco normal  
 2014-07-03 08:27:41.340 PLL update: 10s PLL lock criterion: 5us  
 2014-07-03 08:27:41.340 Pfrac: 150.00  
 2014-07-03 08:27:41.340 VCO slope: -0.0175000  
 2014-07-03 08:27:41.340 VCO intercept: 7.1100001  
 2014-07-03 08:27:41.340 Km delta: 600.0000000  
 2014-07-03 08:27:41.340 Logical Port 4 Status  
 2014-07-03 08:27:41.340 Data Packets Sent: 8580234  
 2014-07-03 08:27:41.340 Flood Packets Sent: 0  
 2014-07-03 08:27:41.340 Packets Re-Sent: 12733  
 2014-07-03 08:27:41.340 Sequence Errors: 0  
 2014-07-03 08:27:41.340 Packet Buffer Used: 21363224  
 2014-07-03 08:27:41.340 Physical Port: Ethernet  
 2014-07-03 08:27:41.340 Baler Model: 14 Software Version: 2.28  
 2014-07-03 08:27:41.340 MAC Address: 00:04:FB:00:02:EA  
 2014-07-03 08:27:41.340 Disk Size: 20000669696  
 2014-07-03 08:27:41.340 Percent of 1177 data files in use: 17.8  
 2014-07-03 08:27:41.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-03 08:27:41.340 Channel Sensitivities (uV per count):  
 2014-07-03 08:27:41.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-03 08:27:41.340 Digitizer Calibration Results:  
 2014-07-03 08:27:41.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-03 08:27:41.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-03 08:27:41.340 DMU1 Software Version=10  
 2014-07-03 08:27:41.340 Supply Voltage=12.8  
 2014-07-03 08:27:41.340 Supply Current=0.40  
 2014-07-03 08:27:41.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-03 08:27:41.340 webLink Data Maps Restored  
 2014-07-03 08:27:41.340 [2014-07-02 20:20:42.000000] sequence resumes: 7582551 to  
 7582551  
 2014-07-03 08:27:41.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-03 08:27:40  
 2014-07-03 08:29:22.850 [2014-07-03 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-07-03 08:33:09.410 Reducing Status Polling Interval  
 2014-07-03 08:33:09.410 [2014-07-03 08:33:07.999998] total packets received: 46652  
 2014-07-03 08:33:09.410 [2014-07-03 08:33:07.999998] command timeouts: 6  
 2014-07-03 08:33:09.410 [2014-07-03 08:33:07.999998] out of window: 74  
 2014-07-03 08:33:09.410 written: HHZ-1129 HH1-1293 HH2-1317 BDH-425 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-07-03 08:33:09.410 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-07-03 08:33:09.410 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-07-03 08:33:09.410 [2014-07-03 08:33:07.999998] Done: 4302 recs. seq end:  
 7626497. run: 323 s  
 2014-07-03 20:34:01.320  
 2014-07-03 20:34:01.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-03 20:34:01.320 Control Port 2491 Opened  
 2014-07-03 20:34:01.320 Baler ready on Ethernet  
 2014-07-03 20:34:01.320 Power Cycled Baler Acknowledged



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2014-07-03 20:34:01.320 Commands Accepted by Q330
2014-07-03 20:34:01.320 Access timeout: 300 sec
2014-07-03 20:34:01.320 Control Port 4023 Opened
2014-07-03 20:34:01.320 Data Port 4024 Opened
2014-07-03 20:34:01.320 Registered with Q330
2014-07-03 20:34:01.320 Combination Record Received
2014-07-03 20:34:01.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-03 20:34:01.320 Link Reset, starting window sequence: 40658
2014-07-03 20:34:01.320 GPS Receiver ID Received
2014-07-03 20:34:01.320 Manufacturer's Data Received, Property Tag=2017
2014-07-03 20:34:01.320 Digitizer Gain & Offsets Received
2014-07-03 20:34:01.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4302 recs.
seq end: 7626497
2014-07-03 20:34:01.320 Baler clock set to 2014-07-03 20:34:00
2014-07-03 20:34:01.320 Starting to Read DP Tokens
2014-07-03 20:34:01.320 DP Tokens loaded, size=1474 bytes
2014-07-03 20:34:01.320 webserver advertising 192.168.200.119:5380
2014-07-03 20:34:01.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-03 20:34:01.320 filters & delay HH1:2@100,Linear all=0.320000
2014-07-03 20:34:01.320 filters & delay HH2:3@100,Linear all=0.320000
2014-07-03 20:34:01.320 filters & delay BDH:4@20,Linear all=1.650000
2014-07-03 20:34:01.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-03 20:34:01.320 filters & delay LH1:2@1,Linear all=15.000000
2014-07-03 20:34:01.320 filters & delay LH2:3@1,Linear all=15.000000
2014-07-03 20:34:01.320 filters & delay LDH:4@1,Linear all=15.000000
2014-07-03 20:34:01.320 [2014-07-03 08:33:07.999998] continuity found: 7626497
457691588.000000 Q=100
2014-07-03 20:34:01.320 [2014-07-03 08:33:07.999998] restoring continuity
2014-07-03 20:34:01.320 Sending DT_OPEN
2014-07-03 20:34:01.320 Station: XX-2017
2014-07-03 20:34:01.320 Q330 Serial Number: 0100000DB18FC351
2014-07-03 20:34:01.320 AMB Serial Number: 0100000B6909DD82
2014-07-03 20:34:01.320 Seismo 1 Serial Number: 0000000000000000
2014-07-03 20:34:01.320 Seismo 2 Serial Number: 0000000000000000
2014-07-03 20:34:01.320 QAPCHP 1 Serial Number: 4643206
2014-07-03 20:34:01.320 QAPCHP 2 Serial Number: 3743050
2014-07-03 20:34:01.320 KMI Property Tag Number: 2017
2014-07-03 20:34:01.320 System Software Version: 1.146
2014-07-03 20:34:01.320 Slave Processor Version: 1.11
2014-07-03 20:34:01.320 Calibrator Type: QCAL330
2014-07-03 20:34:01.320 Calibrator Version: 1.8
2014-07-03 20:34:01.320 Auxiliary Board Type: None
2014-07-03 20:34:01.320 Clock Type: Motorola M12
2014-07-03 20:34:01.320 PLD Version: 7.9
2014-07-03 20:34:01.320 Total Hours: 67273.03
2014-07-03 20:34:01.320 Power On Hours: 31903.41
2014-07-03 20:34:01.320 Time of Last Boot: 2014-04-06 02:03:58
2014-07-03 20:34:01.320 Total Number of Boots: 120
2014-07-03 20:34:01.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-03 20:34:01.320 Total Number of Re-Syncs: 213
2014-07-03 20:34:01.320 Status Inputs: 00000000
2014-07-03 20:34:01.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-03 20:34:01.320 Clock Quality: 100%
2014-07-03 20:34:01.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-03 20:34:01.320 Clock Phase: 0 usec. max allowed=50000
2014-07-03 20:34:01.320 Boom positions:
2014-07-03 20:34:01.320 ch1: -2 ch2: 3 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2014-07-03 20:34:01.320 Analog Status
2014-07-03 20:34:01.320 Analog Positive Supply: 5.46V
2014-07-03 20:34:01.320 Input Voltage: 13.35V
2014-07-03 20:34:01.320 System Temperature: 5C
2014-07-03 20:34:01.320 Main Current: 61ma
2014-07-03 20:34:01.320 Antenna Current: 0ma

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2014-07-03 20:34:01.320 GPS Status
2014-07-03 20:34:01.320 Time: 20:34:00
2014-07-03 20:34:01.320 Date:
2014-07-03 20:34:01.320 Fix Type: 1-D
2014-07-03 20:34:01.320 Height:
2014-07-03 20:34:01.320 Latitude:
2014-07-03 20:34:01.320 Longitude:
2014-07-03 20:34:01.320 On Time: 0min
2014-07-03 20:34:01.320 Sat. Used: 0
2014-07-03 20:34:01.320 In View: 0
2014-07-03 20:34:01.320 Checksum Errors: 0
2014-07-03 20:34:01.320 Last GPS timemark: 2014-07-03 20:33:59
2014-07-03 20:34:01.320 PLL Status
2014-07-03 20:34:01.320 State: Lock
2014-07-03 20:34:01.320 Initial VCO: 2201.333252
2014-07-03 20:34:01.320 Time Error: -0.000001
2014-07-03 20:34:01.320 RMS VCO: 0.0000000
2014-07-03 20:34:01.320 Best VCO: 2201.47
2014-07-03 20:34:01.320 Seconds Since Track or Lock: 0.0
2014-07-03 20:34:01.320 Vco Control: 2202
2014-07-03 20:34:01.320 timing mode: external seascan
2014-07-03 20:34:01.320 tempco normal
2014-07-03 20:34:01.320 PLL update: 10s PLL lock criterion: 5us
2014-07-03 20:34:01.320 Pfrac: 150.00
2014-07-03 20:34:01.320 VCO slope: -0.0175000
2014-07-03 20:34:01.320 VCO intercept: 7.1100001
2014-07-03 20:34:01.320 km delta: 600.0000000
2014-07-03 20:34:01.320 Logical Port 4 Status
2014-07-03 20:34:01.320 Data Packets Sent: 8626782
2014-07-03 20:34:01.320 Flood Packets Sent: 0
2014-07-03 20:34:01.320 Packets Re-Sent: 12822
2014-07-03 20:34:01.320 Sequence Errors: 0
2014-07-03 20:34:01.320 Packet Buffer Used: 20430920
2014-07-03 20:34:01.320 Physical Port: Ethernet
2014-07-03 20:34:01.320 Baler Model: 14 Software Version: 2.28
2014-07-03 20:34:01.320 MAC Address: 00:04:FB:00:02:EA
2014-07-03 20:34:01.320 Disk Size: 20000669696
2014-07-03 20:34:01.320 Percent of 1177 data files in use: 18.0
2014-07-03 20:34:01.320 Channels Enabled: 1234 Preamps ON channels:
2014-07-03 20:34:01.320 Channel Sensitivities (uV per count):
2014-07-03 20:34:01.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-03 20:34:01.320 Digitizer Calibration Results:
2014-07-03 20:34:01.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-03 20:34:01.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-03 20:34:01.320 DMU1 Software Version=10
2014-07-03 20:34:01.320 Supply Voltage=12.6
2014-07-03 20:34:01.320 Supply Current=0.41
2014-07-03 20:34:01.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-03 20:34:01.320 [2014-07-03 08:33:07.999998] sequence resumes: 7626497 to
7626497
2014-07-03 20:34:01.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-03 20:34:00
2014-07-03 20:39:07.420 Reducing Status Polling Interval
2014-07-03 20:39:07.420 [2014-07-03 20:39:07.000000] total packets received: 43767
2014-07-03 20:39:07.420 [2014-07-03 20:39:07.000000] command timeouts: 6
2014-07-03 20:39:07.420 [2014-07-03 20:39:07.000000] out of window: 51
2014-07-03 20:39:07.420 written: HHZ-1057 HH1-1236 HH2-1226 BDH-431 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-03 20:39:07.420 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-25
VMZ-2 VM1-2
2014-07-03 20:39:07.420 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-03 20:39:07.420 [2014-07-03 20:39:07.000000] Done: 4091 recs. seq end:
7670056. run: 303 s

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2014-07-04 08:40:02.400
2014-07-04 08:40:02.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-04 08:40:02.400 Control Port 2491 Opened
2014-07-04 08:40:02.400 Baler ready on Ethernet
2014-07-04 08:40:02.400 Power Cycled Baler Acknowledged
2014-07-04 08:40:02.400 Commands Accepted by Q330
2014-07-04 08:40:02.400 Access timeout: 300 sec
2014-07-04 08:40:02.400 Control Port 4023 Opened
2014-07-04 08:40:02.400 Data Port 4024 Opened
2014-07-04 08:40:02.400 Registered with Q330
2014-07-04 08:40:02.400 Combination Record Received
2014-07-04 08:40:02.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-04 08:40:02.400 Link Reset, starting window sequence: 18804
2014-07-04 08:40:02.400 GPS Receiver ID Received
2014-07-04 08:40:02.400 Manufacturer's Data Received, Property Tag=2017
2014-07-04 08:40:02.400 Digitizer Gain & Offsets Received
2014-07-04 08:40:02.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4091 recs.
seq end: 7670056
2014-07-04 08:40:02.400 Baler clock set to 2014-07-04 08:40:01
2014-07-04 08:40:02.400 Starting to Read DP Tokens
2014-07-04 08:40:02.400 DP Tokens loaded, size=1474 bytes
2014-07-04 08:40:02.400 webserver advertising 192.168.200.119:5380
2014-07-04 08:40:02.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-04 08:40:02.400 filters & delay HH1:2@100,Linear all=0.320000
2014-07-04 08:40:02.400 filters & delay HH2:3@100,Linear all=0.320000
2014-07-04 08:40:02.400 filters & delay BDH:4@20,Linear all=1.650000
2014-07-04 08:40:02.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-04 08:40:02.400 filters & delay LH1:2@1,Linear all=15.000000
2014-07-04 08:40:02.400 filters & delay LH2:3@1,Linear all=15.000000
2014-07-04 08:40:02.400 filters & delay LDH:4@1,Linear all=15.000000
2014-07-04 08:40:02.400 [2014-07-03 20:39:07.000000] continuity found: 7670056
457735147.000000 Q=100
2014-07-04 08:40:02.400 [2014-07-03 20:39:07.000000] restoring continuity
2014-07-04 08:40:02.400 Sending DT_OPEN
2014-07-04 08:40:02.400 Station: XX-2017
2014-07-04 08:40:02.400 Q330 Serial Number: 0100000DB18FC351
2014-07-04 08:40:02.400 AMB Serial Number: 0100000B6909DD82
2014-07-04 08:40:02.400 Seismo 1 Serial Number: 0000000000000000
2014-07-04 08:40:02.400 Seismo 2 Serial Number: 0000000000000000
2014-07-04 08:40:02.400 QAPCHP 1 Serial Number: 4643206
2014-07-04 08:40:02.400 QAPCHP 2 Serial Number: 3743050
2014-07-04 08:40:02.400 KMI Property Tag Number: 2017
2014-07-04 08:40:02.400 System Software Version: 1.146
2014-07-04 08:40:02.400 Slave Processor Version: 1.11
2014-07-04 08:40:02.400 Calibrator Type: QCAL330
2014-07-04 08:40:02.400 Calibrator Version: 1.8
2014-07-04 08:40:02.400 Auxiliary Board Type: None
2014-07-04 08:40:02.400 Clock Type: Motorola M12
2014-07-04 08:40:02.400 PLD Version: 7.9
2014-07-04 08:40:02.400 Total Hours: 67285.13
2014-07-04 08:40:02.400 Power On Hours: 31915.51
2014-07-04 08:40:02.400 Time of Last Boot: 2014-04-06 02:03:58
2014-07-04 08:40:02.400 Total Number of Boots: 120
2014-07-04 08:40:02.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-04 08:40:02.400 Total Number of Re-Syncs: 213
2014-07-04 08:40:02.400 Status Inputs: 00000000
2014-07-04 08:40:02.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-04 08:40:02.400 Clock Quality: 100%
2014-07-04 08:40:02.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-04 08:40:02.400 Clock Phase: 0 usec. max allowed=50000
2014-07-04 08:40:02.400 Boom positions:
2014-07-04 08:40:02.400 ch1: -2 ch2: 3 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2014-07-04 08:40:02.400 Analog Status

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2014-07-04 08:40:02.400 Analog Positive Supply: 5.46V
2014-07-04 08:40:02.400 Input Voltage: 13.35V
2014-07-04 08:40:02.400 System Temperature: 5C
2014-07-04 08:40:02.400 Main Current: 62ma
2014-07-04 08:40:02.400 Antenna Current: 0ma
2014-07-04 08:40:02.400 GPS Status
2014-07-04 08:40:02.400 Time: 08:40:01
2014-07-04 08:40:02.400 Date:
2014-07-04 08:40:02.400 Fix Type: 1-D
2014-07-04 08:40:02.400 Height:
2014-07-04 08:40:02.400 Latitude:
2014-07-04 08:40:02.400 Longitude:
2014-07-04 08:40:02.400 On Time: 0min
2014-07-04 08:40:02.400 Sat. Used: 0
2014-07-04 08:40:02.400 In View: 0
2014-07-04 08:40:02.400 Checksum Errors: 0
2014-07-04 08:40:02.400 Last GPS timemark: 2014-07-04 08:40:00
2014-07-04 08:40:02.400 PLL Status
2014-07-04 08:40:02.400 State: Lock
2014-07-04 08:40:02.400 Initial VCO: 2201.087158
2014-07-04 08:40:02.400 Time Error: -0.000001
2014-07-04 08:40:02.400 RMS VCO: 0.0000000
2014-07-04 08:40:02.400 Best VCO: 2201.15
2014-07-04 08:40:02.400 Seconds Since Track or Lock: 0.0
2014-07-04 08:40:02.400 Vco Control: 2201
2014-07-04 08:40:02.400 timing mode: external seascan
2014-07-04 08:40:02.400 tempco normal
2014-07-04 08:40:02.400 PLL update: 10s PLL lock criterion: 5us
2014-07-04 08:40:02.400 Pfrac: 150.00
2014-07-04 08:40:02.400 VCO slope: -0.0175000
2014-07-04 08:40:02.400 VCO intercept: 7.1100001
2014-07-04 08:40:02.400 Km delta: 600.0000000
2014-07-04 08:40:02.400 Logical Port 4 Status
2014-07-04 08:40:02.400 Data Packets Sent: 8670469
2014-07-04 08:40:02.400 Flood Packets Sent: 0
2014-07-04 08:40:02.400 Packets Re-Sent: 12888
2014-07-04 08:40:02.400 Sequence Errors: 0
2014-07-04 08:40:02.400 Packet Buffer Used: 21911956
2014-07-04 08:40:02.400 Physical Port: Ethernet
2014-07-04 08:40:02.400 Baler Model: 14 Software Version: 2.28
2014-07-04 08:40:02.400 MAC Address: 00:04:FB:00:02:EA
2014-07-04 08:40:02.400 Disk Size: 20000669696
2014-07-04 08:40:02.400 Percent of 1177 data files in use: 18.1
2014-07-04 08:40:02.400 Channels Enabled: 1234 Preamps ON channels:
2014-07-04 08:40:02.400 Channel Sensitivities (uV per count):
2014-07-04 08:40:02.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-04 08:40:02.400 Digitizer Calibration Results:
2014-07-04 08:40:02.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-04 08:40:02.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-04 08:40:02.400 DMU1 Software Version=10
2014-07-04 08:40:02.400 Supply Voltage=12.8
2014-07-04 08:40:02.400 Supply Current=0.40
2014-07-04 08:40:02.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-04 08:40:02.400 webLink Data Maps Restored
2014-07-04 08:40:02.400 [2014-07-03 20:39:07.000000] sequence resumes: 7670056 to
7670056
2014-07-04 08:40:02.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-04 08:40:01
2014-07-04 08:41:31.380 [2014-07-04 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-04 08:45:27.610 Reducing Status Polling Interval
2014-07-04 08:45:27.610 [2014-07-04 08:45:27.000000] total packets received: 46898
2014-07-04 08:45:27.610 [2014-07-04 08:45:27.000000] command timeouts: 6

```

S01\_messages.txt

```

2014-07-04 08:45:27.610 [2014-07-04 08:45:27.000000] out of window: 62
2014-07-04 08:45:27.610 written: HHZ-1167 HH1-1341 HH2-1346 BDH-450 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-07-04 08:45:27.610 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-26 LDH-33
VMZ-2 VM1-2
2014-07-04 08:45:27.610 written: VM2-2 LOG-3 ACE-2 OCF-2
2014-07-04 08:45:27.610 [2014-07-04 08:45:27.000000] Done: 4461 recs. seq end:
7713636. run: 321 s
2014-07-04 20:46:20.390
2014-07-04 20:46:20.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-04 20:46:20.390 Control Port 2491 Opened
2014-07-04 20:46:20.390 Baler ready on Ethernet
2014-07-04 20:46:20.390 Power Cycled Baler Acknowledged
2014-07-04 20:46:20.390 Commands Accepted by Q330
2014-07-04 20:46:20.390 Access timeout: 300 sec
2014-07-04 20:46:20.390 Control Port 4023 Opened
2014-07-04 20:46:20.390 Data Port 4024 Opened
2014-07-04 20:46:20.390 Registered with Q330
2014-07-04 20:46:20.390 Combination Record Received
2014-07-04 20:46:20.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-04 20:46:20.390 Link Reset, starting window sequence: 69
2014-07-04 20:46:20.390 GPS Receiver ID Received
2014-07-04 20:46:20.390 Manufacturer's Data Received, Property Tag=2017
2014-07-04 20:46:20.390 Digitizer Gain & Offsets Received
2014-07-04 20:46:20.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4461 recs.
seq end: 7713636
2014-07-04 20:46:20.390 Baler clock set to 2014-07-04 20:46:19
2014-07-04 20:46:20.390 Starting to Read DP Tokens
2014-07-04 20:46:20.390 DP Tokens loaded, size=1474 bytes
2014-07-04 20:46:20.390 Webserver advertising 192.168.200.119:5380
2014-07-04 20:46:20.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-04 20:46:20.390 filters & delay HH1:2@100,Linear all=0.320000
2014-07-04 20:46:20.390 filters & delay HH2:3@100,Linear all=0.320000
2014-07-04 20:46:20.390 filters & delay BDH:4@20,Linear all=1.650000
2014-07-04 20:46:20.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-04 20:46:20.390 filters & delay LH1:2@1,Linear all=15.000000
2014-07-04 20:46:20.390 filters & delay LH2:3@1,Linear all=15.000000
2014-07-04 20:46:20.390 filters & delay LDH:4@1,Linear all=15.000000
2014-07-04 20:46:20.390 [2014-07-04 08:45:27.000000] continuity found: 7713636
457778727.000000 Q=100
2014-07-04 20:46:20.390 [2014-07-04 08:45:27.000000] restoring continuity
2014-07-04 20:46:20.390 Sending DT_OPEN
2014-07-04 20:46:20.390 Station: XX-2017
2014-07-04 20:46:20.390 Q330 Serial Number: 0100000DB18FC351
2014-07-04 20:46:20.390 AMB Serial Number: 0100000B6909DD82
2014-07-04 20:46:20.390 Seismo 1 Serial Number: 0000000000000000
2014-07-04 20:46:20.390 Seismo 2 Serial Number: 0000000000000000
2014-07-04 20:46:20.390 QAPCHP 1 Serial Number: 4643206
2014-07-04 20:46:20.390 QAPCHP 2 Serial Number: 3743050
2014-07-04 20:46:20.390 KMI Property Tag Number: 2017
2014-07-04 20:46:20.390 System Software Version: 1.146
2014-07-04 20:46:20.390 Slave Processor Version: 1.11
2014-07-04 20:46:20.390 Calibrator Type: QCAL330
2014-07-04 20:46:20.390 Calibrator Version: 1.8
2014-07-04 20:46:20.390 Auxiliary Board Type: None
2014-07-04 20:46:20.390 Clock Type: Motorola M12
2014-07-04 20:46:20.390 PLD Version: 7.9
2014-07-04 20:46:20.390 Total Hours: 67297.23
2014-07-04 20:46:20.390 Power On Hours: 31927.62
2014-07-04 20:46:20.390 Time of Last Boot: 2014-04-06 02:03:58
2014-07-04 20:46:20.390 Total Number of Boots: 120
2014-07-04 20:46:20.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-04 20:46:20.390 Total Number of Re-Syncs: 213

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S01\_messages.txt

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2014-07-04 20:46:20.390 Status Inputs: 00000000
2014-07-04 20:46:20.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-04 20:46:20.390 Clock Quality: 100%
2014-07-04 20:46:20.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-04 20:46:20.390 Clock Phase: 0 usec. max allowed=50000
2014-07-04 20:46:20.390 Boom positions:
2014-07-04 20:46:20.390 Ch1: -2 ch2: 3 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2014-07-04 20:46:20.390 Analog Positive Supply: 5.46v
2014-07-04 20:46:20.390 Input Voltage: 13.35v
2014-07-04 20:46:20.390 System Temperature: 5C
2014-07-04 20:46:20.390 Main Current: 62ma
2014-07-04 20:46:20.390 Antenna Current: 0ma
2014-07-04 20:46:20.390 GPS Status
2014-07-04 20:46:20.390 Time: 20:46:19
2014-07-04 20:46:20.390 Date:
2014-07-04 20:46:20.390 Fix Type: 1-D
2014-07-04 20:46:20.390 Height:
2014-07-04 20:46:20.390 Latitude:
2014-07-04 20:46:20.390 Longitude:
2014-07-04 20:46:20.390 On Time: 0min
2014-07-04 20:46:20.390 Sat. Used: 0
2014-07-04 20:46:20.390 In View: 0
2014-07-04 20:46:20.390 Checksum Errors: 0
2014-07-04 20:46:20.390 Last GPS timemark: 2014-07-04 20:46:18
2014-07-04 20:46:20.390 PLL Status
2014-07-04 20:46:20.390 State: Lock
2014-07-04 20:46:20.390 Initial VCO: 2201.707520
2014-07-04 20:46:20.390 Time Error: 0.000000
2014-07-04 20:46:20.390 RMS VCO: 0.0000000
2014-07-04 20:46:20.390 Best VCO: 2201.79
2014-07-04 20:46:20.390 Seconds Since Track or Lock: 0.0
2014-07-04 20:46:20.390 Vco Control: 2202
2014-07-04 20:46:20.390 timing mode: external seascan
2014-07-04 20:46:20.390 tempco normal
2014-07-04 20:46:20.390 PLL update: 10s PLL lock criterion: 5us
2014-07-04 20:46:20.390 Pfrac: 150.00
2014-07-04 20:46:20.390 VCO slope: -0.0175000
2014-07-04 20:46:20.390 VCO intercept: 7.1100001
2014-07-04 20:46:20.390 km delta: 600.0000000
2014-07-04 20:46:20.390 Logical Port 4 Status
2014-07-04 20:46:20.390 Data Packets Sent: 8717275
2014-07-04 20:46:20.390 Flood Packets Sent: 0
2014-07-04 20:46:20.390 Packets Re-Sent: 12964
2014-07-04 20:46:20.390 Sequence Errors: 0
2014-07-04 20:46:20.390 Packet Buffer Used: 23529892
2014-07-04 20:46:20.390 Physical Port: Ethernet
2014-07-04 20:46:20.390 Baler Model: 14 Software Version: 2.28
2014-07-04 20:46:20.390 MAC Address: 00:04:FB:00:02:EA
2014-07-04 20:46:20.390 Disk Size: 20000669696
2014-07-04 20:46:20.390 Percent of 1177 data files in use: 18.2
2014-07-04 20:46:20.390 Channels Enabled: 1234 Preamps ON channels:
2014-07-04 20:46:20.390 Channel Sensitivities (uV per count):
2014-07-04 20:46:20.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-04 20:46:20.390 Digitizer Calibration Results:
2014-07-04 20:46:20.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-04 20:46:20.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-04 20:46:20.390 DMU1 Software Version=10
2014-07-04 20:46:20.390 Supply Voltage=12.6
2014-07-04 20:46:20.390 Supply Current=0.41
2014-07-04 20:46:20.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-04 20:46:20.390 webLink Data Maps Restored
2014-07-04 20:46:20.390 [2014-07-04 08:45:27.000000] sequence resumes: 7713636 to
7713636

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S01\_messages.txt

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2014-07-04 20:46:20.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-04 20:46:19
2014-07-04 20:52:20.490 Reducing Status Polling Interval
2014-07-04 20:52:20.490 [2014-07-04 20:52:18.999998] total packets received: 62677
2014-07-04 20:52:20.490 [2014-07-04 20:52:18.999998] command timeouts: 6
2014-07-04 20:52:20.490 [2014-07-04 20:52:18.999998] out of window: 79
2014-07-04 20:52:20.490 written: HHZ-1275 HH1-1488 HH2-1468 BDH-458 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-07-04 20:52:20.490 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-35 LH2-34 LDH-41
VMZ-1 VM1-1
2014-07-04 20:52:20.490 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-04 20:52:20.490 [2014-07-04 20:52:18.999998] Done: 4864 recs. seq end:
7757248. run: 356 s
2014-07-05 08:53:13.330
2014-07-05 08:53:13.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-05 08:53:13.330 Control Port 2491 Opened
2014-07-05 08:53:13.330 Baler ready on Ethernet
2014-07-05 08:53:13.330 Power Cycled Baler Acknowledged
2014-07-05 08:53:13.330 Commands Accepted by Q330
2014-07-05 08:53:13.330 Access timeout: 300 sec
2014-07-05 08:53:13.330 Control Port 4023 Opened
2014-07-05 08:53:13.330 Data Port 4024 Opened
2014-07-05 08:53:13.330 Registered with Q330
2014-07-05 08:53:13.330 Combination Record Received
2014-07-05 08:53:13.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-05 08:53:13.330 Link Reset, starting window sequence: 62629
2014-07-05 08:53:13.330 GPS Receiver ID Received
2014-07-05 08:53:13.330 Manufacturer's Data Received, Property Tag=2017
2014-07-05 08:53:13.330 Digitizer Gain & Offsets Received
2014-07-05 08:53:13.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4864 recs.
seq end: 7757248
2014-07-05 08:53:13.330 Baler clock set to 2014-07-05 08:53:12
2014-07-05 08:53:13.330 Starting to Read DP Tokens
2014-07-05 08:53:13.330 DP Tokens loaded, size=1474 bytes
2014-07-05 08:53:13.330 webserver advertising 192.168.200.119:5380
2014-07-05 08:53:13.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-05 08:53:13.330 filters & delay HH1:2@100,Linear all=0.320000
2014-07-05 08:53:13.330 filters & delay HH2:3@100,Linear all=0.320000
2014-07-05 08:53:13.330 filters & delay BDH:4@20,Linear all=1.650000
2014-07-05 08:53:13.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-05 08:53:13.330 filters & delay LH1:2@1,Linear all=15.000000
2014-07-05 08:53:13.330 filters & delay LH2:3@1,Linear all=15.000000
2014-07-05 08:53:13.330 filters & delay LDH:4@1,Linear all=15.000000
2014-07-05 08:53:13.330 [2014-07-04 20:52:18.999998] continuity found: 7757248
457822339.000000 Q=100
2014-07-05 08:53:13.330 [2014-07-04 20:52:18.999998] restoring continuity
2014-07-05 08:53:13.330 Sending DT_OPEN
2014-07-05 08:53:13.330 Station: XX-2017
2014-07-05 08:53:13.330 Q330 Serial Number: 0100000DB18FC351
2014-07-05 08:53:13.330 AMB Serial Number: 0100000B6909DD82
2014-07-05 08:53:13.330 Seismo 1 Serial Number: 0000000000000000
2014-07-05 08:53:13.330 Seismo 2 Serial Number: 0000000000000000
2014-07-05 08:53:13.330 QAPCHP 1 Serial Number: 4643206
2014-07-05 08:53:13.330 QAPCHP 2 Serial Number: 3743050
2014-07-05 08:53:13.330 KMI Property Tag Number: 2017
2014-07-05 08:53:13.330 System Software Version: 1.146
2014-07-05 08:53:13.330 Slave Processor Version: 1.11
2014-07-05 08:53:13.330 Calibrator Type: QCAL330
2014-07-05 08:53:13.330 Calibrator Version: 1.8
2014-07-05 08:53:13.330 Auxiliary Board Type: None
2014-07-05 08:53:13.330 Clock Type: Motorola M12
2014-07-05 08:53:13.330 PLD Version: 7.9
2014-07-05 08:53:13.330 Total Hours: 67309.35

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2014-07-05 08:53:13.330 Power On Hours: 31939.73  
 2014-07-05 08:53:13.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-05 08:53:13.330 Total Number of Boots: 120  
 2014-07-05 08:53:13.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-05 08:53:13.330 Total Number of Re-Syncs: 213  
 2014-07-05 08:53:13.330 Status Inputs: 00000000  
 2014-07-05 08:53:13.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-05 08:53:13.330 Clock Quality: 100%  
 2014-07-05 08:53:13.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-05 08:53:13.330 Clock Phase: 0 usec. max allowed=50000  
 2014-07-05 08:53:13.330 Boom positions:  
 2014-07-05 08:53:13.330 Ch1: -2 Ch2: 2 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-05 08:53:13.330 Analog Status  
 2014-07-05 08:53:13.330 Analog Positive Supply: 5.46v  
 2014-07-05 08:53:13.330 Input Voltage: 13.35V  
 2014-07-05 08:53:13.330 System Temperature: 5C  
 2014-07-05 08:53:13.330 Main Current: 63ma  
 2014-07-05 08:53:13.330 Antenna Current: 0ma  
 2014-07-05 08:53:13.330 GPS Status  
 2014-07-05 08:53:13.330 Time: 08:53:12  
 2014-07-05 08:53:13.330 Date:  
 2014-07-05 08:53:13.330 Fix Type: 1-D  
 2014-07-05 08:53:13.330 Height:  
 2014-07-05 08:53:13.330 Latitude:  
 2014-07-05 08:53:13.330 Longitude:  
 2014-07-05 08:53:13.330 On Time: 0min  
 2014-07-05 08:53:13.330 Sat. Used: 0  
 2014-07-05 08:53:13.330 In View: 0  
 2014-07-05 08:53:13.330 Checksum Errors: 0  
 2014-07-05 08:53:13.330 Last GPS timemark: 2014-07-05 08:53:11  
 2014-07-05 08:53:13.330 PLL Status  
 2014-07-05 08:53:13.330 State: Lock  
 2014-07-05 08:53:13.330 Initial VCO: 2201.938721  
 2014-07-05 08:53:13.330 Time Error: 0.000000  
 2014-07-05 08:53:13.330 RMS VCO: 0.000000  
 2014-07-05 08:53:13.330 Best VCO: 2201.96  
 2014-07-05 08:53:13.330 Seconds Since Track or Lock: 0.0  
 2014-07-05 08:53:13.330 Vco Control: 2202  
 2014-07-05 08:53:13.330 timing mode: external seascan  
 2014-07-05 08:53:13.330 tempco normal  
 2014-07-05 08:53:13.330 PLL update: 10s PLL lock criterion: 5us  
 2014-07-05 08:53:13.330 Pfrac: 150.00  
 2014-07-05 08:53:13.330 VCO slope: -0.0175000  
 2014-07-05 08:53:13.330 VCO intercept: 7.1100001  
 2014-07-05 08:53:13.330 Km delta: 600.000000  
 2014-07-05 08:53:13.330 Logical Port 4 Status  
 2014-07-05 08:53:13.330 Data Packets Sent: 8779841  
 2014-07-05 08:53:13.330 Flood Packets Sent: 0  
 2014-07-05 08:53:13.330 Packets Re-Sent: 13057  
 2014-07-05 08:53:13.330 Sequence Errors: 0  
 2014-07-05 08:53:13.330 Packet Buffer Used: 23867784  
 2014-07-05 08:53:13.330 Physical Port: Ethernet  
 2014-07-05 08:53:13.330 Baler Model: 14 Software Version: 2.28  
 2014-07-05 08:53:13.330 MAC Address: 00:04:FB:00:02:EA  
 2014-07-05 08:53:13.330 Disk Size: 20000669696  
 2014-07-05 08:53:13.330 Percent of 1177 data files in use: 18.4  
 2014-07-05 08:53:13.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-05 08:53:13.330 Channel Sensitivities (uV per count):  
 2014-07-05 08:53:13.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-05 08:53:13.330 Digitizer Calibration Results:  
 2014-07-05 08:53:13.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-05 08:53:13.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-05 08:53:13.330 DMU1 Software Version=10



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2014-07-05 08:53:13.330 Supply Voltage=12.7
2014-07-05 08:53:13.330 Supply Current=0.40
2014-07-05 08:53:13.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-05 08:53:13.330 WebLink Data Maps Restored
2014-07-05 08:53:13.330 [2014-07-04 20:52:18.999998] sequence resumes: 7757248 to
7757248
2014-07-05 08:53:13.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-05 08:53:12
2014-07-05 08:54:47.630 [2014-07-05 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-05 08:59:18.640 Reducing Status Polling Interval
2014-07-05 08:59:18.640 [2014-07-05 08:59:16.999998] total packets received: 67286
2014-07-05 08:59:18.640 [2014-07-05 08:59:16.999998] command timeouts: 6
2014-07-05 08:59:18.640 [2014-07-05 08:59:16.999998] out of window: 73
2014-07-05 08:59:18.640 written: HHZ-1292 HH1-1511 HH2-1503 BDH-458 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-05 08:59:18.640 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-26 LH1-36 LH2-36 LDH-43
VMZ-2 VM1-2
2014-07-05 08:59:18.640 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-07-05 08:59:18.640 [2014-07-05 08:59:16.999998] Done: 4951 recs. seq end:
7800866. run: 362 s
2014-07-05 21:00:12.350
2014-07-05 21:00:12.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-05 21:00:12.350 Control Port 2491 Opened
2014-07-05 21:00:12.350 Baler ready on Ethernet
2014-07-05 21:00:12.350 Power Cycled Baler Acknowledged
2014-07-05 21:00:12.350 Commands Accepted by Q330
2014-07-05 21:00:12.350 Access timeout: 300 sec
2014-07-05 21:00:12.350 Control Port 4023 Opened
2014-07-05 21:00:12.350 Data Port 4024 Opened
2014-07-05 21:00:12.350 Registered with Q330
2014-07-05 21:00:12.350 Combination Record Received
2014-07-05 21:00:12.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-05 21:00:12.350 Link Reset, starting window sequence: 64268
2014-07-05 21:00:12.350 GPS Receiver ID Received
2014-07-05 21:00:12.350 Manufacturer's Data Received, Property Tag=2017
2014-07-05 21:00:12.350 Digitizer Gain & Offsets Received
2014-07-05 21:00:12.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4951 recs.
seq end: 7800866
2014-07-05 21:00:12.350 Starting to Read DP Tokens
2014-07-05 21:00:12.350 DP Tokens loaded, size=1474 bytes
2014-07-05 21:00:12.350 Webserver advertising 192.168.200.119:5380
2014-07-05 21:00:12.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-05 21:00:12.350 filters & delay HH1:2@100,Linear all=0.320000
2014-07-05 21:00:12.350 filters & delay HH2:3@100,Linear all=0.320000
2014-07-05 21:00:12.350 filters & delay BDH:4@20,Linear all=1.650000
2014-07-05 21:00:12.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-05 21:00:12.350 filters & delay LH1:2@1,Linear all=15.000000
2014-07-05 21:00:12.350 filters & delay LH2:3@1,Linear all=15.000000
2014-07-05 21:00:12.350 filters & delay LDH:4@1,Linear all=15.000000
2014-07-05 21:00:12.350 [2014-07-05 08:59:16.999998] continuity found: 7800866
457865957.000000 Q=100
2014-07-05 21:00:12.350 [2014-07-05 08:59:16.999998] restoring continuity
2014-07-05 21:00:12.350 Sending DT_OPEN
2014-07-05 21:00:12.350 Station: XX-2017
2014-07-05 21:00:12.350 Q330 Serial Number: 0100000DB18FC351
2014-07-05 21:00:12.350 AMB Serial Number: 0100000B6909DD82
2014-07-05 21:00:12.350 Seismo 1 Serial Number: 0000000000000000
2014-07-05 21:00:12.350 Seismo 2 Serial Number: 0000000000000000
2014-07-05 21:00:12.350 QAPCHP 1 Serial Number: 4643206
2014-07-05 21:00:12.350 QAPCHP 2 Serial Number: 3743050
2014-07-05 21:00:12.350 KMI Property Tag Number: 2017
2014-07-05 21:00:12.350 System Software Version: 1.146

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2014-07-05 21:00:12.350 Slave Processor Version: 1.11  
 2014-07-05 21:00:12.350 Calibrator Type: QCAL330  
 2014-07-05 21:00:12.350 Calibrator Version: 1.8  
 2014-07-05 21:00:12.350 Auxiliary Board Type: None  
 2014-07-05 21:00:12.350 Clock Type: Motorola M12  
 2014-07-05 21:00:12.350 PLD Version: 7.9  
 2014-07-05 21:00:12.350 Total Hours: 67321.47  
 2014-07-05 21:00:12.350 Power On Hours: 31951.85  
 2014-07-05 21:00:12.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-05 21:00:12.350 Total Number of Boots: 120  
 2014-07-05 21:00:12.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-05 21:00:12.350 Total Number of Re-Syncs: 213  
 2014-07-05 21:00:12.350 Status Inputs: 00000000  
 2014-07-05 21:00:12.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-05 21:00:12.350 Clock Quality: 100%  
 2014-07-05 21:00:12.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-05 21:00:12.350 Clock Phase: -2 usec. max allowed=50000  
 2014-07-05 21:00:12.350 Boom positions:  
 2014-07-05 21:00:12.350 ch1: -3 ch2: 2 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-07-05 21:00:12.350 Analog Status  
 2014-07-05 21:00:12.350 Analog Positive Supply: 5.46V  
 2014-07-05 21:00:12.350 Input Voltage: 13.35V  
 2014-07-05 21:00:12.350 System Temperature: 5C  
 2014-07-05 21:00:12.350 Main Current: 61ma  
 2014-07-05 21:00:12.350 Antenna Current: 0ma  
 2014-07-05 21:00:12.350 GPS Status  
 2014-07-05 21:00:12.350 Time: 21:00:11  
 2014-07-05 21:00:12.350 Date:  
 2014-07-05 21:00:12.350 Fix Type: 1-D  
 2014-07-05 21:00:12.350 Height:  
 2014-07-05 21:00:12.350 Latitude:  
 2014-07-05 21:00:12.350 Longitude:  
 2014-07-05 21:00:12.350 On Time: 0min  
 2014-07-05 21:00:12.350 Sat. Used: 0  
 2014-07-05 21:00:12.350 In View: 0  
 2014-07-05 21:00:12.350 Checksum Errors: 0  
 2014-07-05 21:00:12.350 Last GPS timemark: 2014-07-05 21:00:10  
 2014-07-05 21:00:12.350 PLL Status  
 2014-07-05 21:00:12.350 State: Lock  
 2014-07-05 21:00:12.350 Initial VCO: 2201.354492  
 2014-07-05 21:00:12.350 Time Error: 0.000000  
 2014-07-05 21:00:12.350 RMS VCO: 0.000000  
 2014-07-05 21:00:12.350 Best VCO: 2201.16  
 2014-07-05 21:00:12.350 Seconds Since Track or Lock: 0.0  
 2014-07-05 21:00:12.350 Vco Control: 2201  
 2014-07-05 21:00:12.350 timing mode: external seascan  
 2014-07-05 21:00:12.350 tempco normal  
 2014-07-05 21:00:12.350 PLL update: 10s PLL lock criterion: 5us  
 2014-07-05 21:00:12.350 Pfrac: 150.00  
 2014-07-05 21:00:12.350 VCO slope: -0.0175000  
 2014-07-05 21:00:12.350 VCO intercept: 7.1100001  
 2014-07-05 21:00:12.350 km delta: 600.0000000  
 2014-07-05 21:00:12.350 Logical Port 4 Status  
 2014-07-05 21:00:12.350 Data Packets Sent: 8847022  
 2014-07-05 21:00:12.350 Flood Packets Sent: 0  
 2014-07-05 21:00:12.350 Packets Re-Sent: 13148  
 2014-07-05 21:00:12.350 Sequence Errors: 0  
 2014-07-05 21:00:12.350 Packet Buffer Used: 22608072  
 2014-07-05 21:00:12.350 Physical Port: Ethernet  
 2014-07-05 21:00:12.350 Baler Model: 14 Software Version: 2.28  
 2014-07-05 21:00:12.350 MAC Address: 00:04:FB:00:02:EA  
 2014-07-05 21:00:12.350 Disk Size: 20000669696  
 2014-07-05 21:00:12.350 Percent of 1177 data files in use: 18.4

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2014-07-05 21:00:12.350 Channels Enabled: 1234 Preamps ON channels:
2014-07-05 21:00:12.350 Channel Sensitivities (uV per count):
2014-07-05 21:00:12.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-05 21:00:12.350 Digitizer Calibration Results:
2014-07-05 21:00:12.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-05 21:00:12.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-05 21:00:12.350 DMU1 Software Version=10
2014-07-05 21:00:12.350 Supply Voltage=12.7
2014-07-05 21:00:12.350 Supply Current=0.41
2014-07-05 21:00:12.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-05 21:00:12.350 WebLink Data Maps Restored
2014-07-05 21:00:12.350 [2014-07-05 08:59:16.999998] sequence resumes: 7800866 to
7800866
2014-07-05 21:00:12.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-05 21:00:11
2014-07-05 21:05:51.130 Reducing Status Polling Interval
2014-07-05 21:05:51.130 [2014-07-05 21:05:50.999998] total packets received: 49493
2014-07-05 21:05:51.130 [2014-07-05 21:05:50.999998] command timeouts: 6
2014-07-05 21:05:51.130 [2014-07-05 21:05:50.999998] out of window: 72
2014-07-05 21:05:51.130 written: HHZ-1209 HH1-1390 HH2-1420 BDH-449 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-05 21:05:51.130 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-33
VMZ-2 VM1-2
2014-07-05 21:05:51.130 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-05 21:05:51.130 [2014-07-05 21:05:50.999998] Done: 4622 recs. seq end:
7844460. run: 334 s
2014-07-06 09:06:43.420
2014-07-06 09:06:43.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-06 09:06:43.420 Control Port 2491 Opened
2014-07-06 09:06:43.420 Baler ready on Ethernet
2014-07-06 09:06:43.420 Power Cycled Baler Acknowledged
2014-07-06 09:06:43.420 Commands Accepted by Q330
2014-07-06 09:06:43.420 Access timeout: 300 sec
2014-07-06 09:06:43.420 Control Port 4023 Opened
2014-07-06 09:06:43.420 Data Port 4024 Opened
2014-07-06 09:06:43.420 Registered with Q330
2014-07-06 09:06:43.420 Combination Record Received
2014-07-06 09:06:43.420 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-06 09:06:43.420 Link Reset, starting window sequence: 48117
2014-07-06 09:06:43.420 GPS Receiver ID Received
2014-07-06 09:06:43.420 Manufacturer's Data Received, Property Tag=2017
2014-07-06 09:06:43.420 Digitizer Gain & Offsets Received
2014-07-06 09:06:43.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4622 recs.
seq end: 7844460
2014-07-06 09:06:43.420 Baler clock set to 2014-07-06 09:06:42
2014-07-06 09:06:43.420 Starting to Read DP Tokens
2014-07-06 09:06:43.420 DP Tokens loaded, size=1474 bytes
2014-07-06 09:06:43.420 Webserver advertising 192.168.200.119:5380
2014-07-06 09:06:43.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-06 09:06:43.420 filters & delay HH1:2@100,Linear all=0.320000
2014-07-06 09:06:43.420 filters & delay HH2:3@100,Linear all=0.320000
2014-07-06 09:06:43.420 filters & delay BDH:4@20,Linear all=1.650000
2014-07-06 09:06:43.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-06 09:06:43.420 filters & delay LH1:2@1,Linear all=15.000000
2014-07-06 09:06:43.420 filters & delay LH2:3@1,Linear all=15.000000
2014-07-06 09:06:43.420 filters & delay LDH:4@1,Linear all=15.000000
2014-07-06 09:06:43.420 [2014-07-05 21:05:50.999998] continuity found: 7844460
457909551.000000 Q=100
2014-07-06 09:06:43.420 [2014-07-05 21:05:50.999998] restoring continuity
2014-07-06 09:06:43.420 Sending DT_OPEN
2014-07-06 09:06:43.420 Station: XX-2017
2014-07-06 09:06:43.420 Q330 Serial Number: 0100000DB18FC351
2014-07-06 09:06:43.420 AMB Serial Number: 0100000B6909DD82

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2014-07-06 09:06:43.420 Seismo 1 Serial Number: 0000000000000000  
 2014-07-06 09:06:43.420 Seismo 2 Serial Number: 0000000000000000  
 2014-07-06 09:06:43.420 QAPCHP 1 Serial Number: 4643206  
 2014-07-06 09:06:43.420 QAPCHP 2 Serial Number: 3743050  
 2014-07-06 09:06:43.420 KMI Property Tag Number: 2017  
 2014-07-06 09:06:43.420 System Software Version: 1.146  
 2014-07-06 09:06:43.420 Slave Processor Version: 1.11  
 2014-07-06 09:06:43.420 Calibrator Type: QCAL330  
 2014-07-06 09:06:43.420 Calibrator Version: 1.8  
 2014-07-06 09:06:43.420 Auxiliary Board Type: None  
 2014-07-06 09:06:43.420 Clock Type: Motorola M12  
 2014-07-06 09:06:43.420 PLD Version: 7.9  
 2014-07-06 09:06:43.420 Total Hours: 67333.57  
 2014-07-06 09:06:43.420 Power On Hours: 31963.96  
 2014-07-06 09:06:43.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-06 09:06:43.420 Total Number of Boots: 120  
 2014-07-06 09:06:43.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-06 09:06:43.420 Total Number of Re-Syncs: 213  
 2014-07-06 09:06:43.420 Status Inputs: 00000000  
 2014-07-06 09:06:43.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-06 09:06:43.420 Clock Quality: 100%  
 2014-07-06 09:06:43.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-06 09:06:43.420 Clock Phase: 1 usec. max allowed=50000  
 2014-07-06 09:06:43.420 Boom positions:  
 2014-07-06 09:06:43.420 ch1: -2 ch2: 1 ch3: 2 ch4: 20 ch5: 20 ch6: 20  
 2014-07-06 09:06:43.420 Analog Status  
 2014-07-06 09:06:43.420 Analog Positive Supply: 5.46V  
 2014-07-06 09:06:43.420 Input Voltage: 13.35V  
 2014-07-06 09:06:43.420 System Temperature: 5C  
 2014-07-06 09:06:43.420 Main Current: 61ma  
 2014-07-06 09:06:43.420 Antenna Current: 0ma  
 2014-07-06 09:06:43.420 GPS Status  
 2014-07-06 09:06:43.420 Time: 09:06:42  
 2014-07-06 09:06:43.420 Date:  
 2014-07-06 09:06:43.420 Fix Type: 1-D  
 2014-07-06 09:06:43.420 Height:  
 2014-07-06 09:06:43.420 Latitude:  
 2014-07-06 09:06:43.420 Longitude:  
 2014-07-06 09:06:43.420 On Time: 0min  
 2014-07-06 09:06:43.420 Sat. Used: 0  
 2014-07-06 09:06:43.420 In View: 0  
 2014-07-06 09:06:43.420 Checksum Errors: 0  
 2014-07-06 09:06:43.420 Last GPS timemark: 2014-07-06 09:06:41  
 2014-07-06 09:06:43.420 PLL Status  
 2014-07-06 09:06:43.420 State: Lock  
 2014-07-06 09:06:43.420 Initial VCO: 2201.552979  
 2014-07-06 09:06:43.420 Time Error: -0.000001  
 2014-07-06 09:06:43.420 RMS VCO: 0.0000000  
 2014-07-06 09:06:43.420 Best VCO: 2201.66  
 2014-07-06 09:06:43.420 Seconds Since Track or Lock: 0.0  
 2014-07-06 09:06:43.420 Vco Control: 2202  
 2014-07-06 09:06:43.420 timing mode: external seascan  
 2014-07-06 09:06:43.420 tempco normal  
 2014-07-06 09:06:43.420 PLL update: 10s PLL lock criterion: 5us  
 2014-07-06 09:06:43.420 Pfrac: 150.00  
 2014-07-06 09:06:43.420 VCO slope: -0.0175000  
 2014-07-06 09:06:43.420 VCO intercept: 7.1100001  
 2014-07-06 09:06:43.420 km delta: 600.0000000  
 2014-07-06 09:06:43.420 Logical Port 4 Status  
 2014-07-06 09:06:43.420 Data Packets Sent: 8896412  
 2014-07-06 09:06:43.420 Flood Packets Sent: 0  
 2014-07-06 09:06:43.420 Packets Re-Sent: 13235  
 2014-07-06 09:06:43.420 Sequence Errors: 0

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2014-07-06 09:06:43.420 Packet Buffer Used: 21098080
2014-07-06 09:06:43.420 Physical Port: Ethernet
2014-07-06 09:06:43.420 Baler Model: 14   Software Version: 2.28
2014-07-06 09:06:43.420 MAC Address: 00:04:FB:00:02:EA
2014-07-06 09:06:43.420 Disk Size: 20000669696
2014-07-06 09:06:43.420 Channels Enabled: 1234   Preamps ON channels:
2014-07-06 09:06:43.420 Channel Sensitivities (uV per count):
2014-07-06 09:06:43.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-06 09:06:43.420 Digitizer Calibration Results:
2014-07-06 09:06:43.420 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-07-06 09:06:43.420 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-07-06 09:06:43.420 DMU1 Software Version=10
2014-07-06 09:06:43.420 Supply Voltage=12.7
2014-07-06 09:06:43.420 Supply Current=0.40
2014-07-06 09:06:43.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-06 09:06:43.420 WebLink Data Maps Restored
2014-07-06 09:06:43.420 [2014-07-05 21:05:50.999998] sequence resumes: 7844460 to
7844460
2014-07-06 09:06:43.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-07-06 09:06:42
2014-07-06 09:08:00.150 [2014-07-06 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-06 09:11:59.850 Reducing Status Polling Interval
2014-07-06 09:11:59.850 [2014-07-06 09:11:58.999998] total packets received: 43868
2014-07-06 09:11:59.850 [2014-07-06 09:11:58.999998] command timeouts: 6
2014-07-06 09:11:59.850 [2014-07-06 09:11:58.999998] out of window: 54
2014-07-06 09:11:59.850 written: HHZ-1120 HH1-1284 HH2-1261 BDH-436 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-07-06 09:11:59.850 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-24 LDH-27
VMZ-1 VM1-1
2014-07-06 09:11:59.850 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-07-06 09:11:59.850 [2014-07-06 09:11:58.999998] Done: 4240 recs. seq end:
7888028. run: 312 s
2014-07-06 21:12:52.360
2014-07-06 21:12:52.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-06 21:12:52.360 Control Port 2491 Opened
2014-07-06 21:12:52.360 Baler ready on Ethernet
2014-07-06 21:12:52.360 Power Cycled Baler Acknowledged
2014-07-06 21:12:52.360 Commands Accepted by Q330
2014-07-06 21:12:52.360 Access timeout: 300 sec
2014-07-06 21:12:52.360 Control Port 4023 Opened
2014-07-06 21:12:52.360 Data Port 4024 Opened
2014-07-06 21:12:52.360 Registered with Q330
2014-07-06 21:12:52.360 Combination Record Received
2014-07-06 21:12:52.360 Window=4   Min. Timeout=10   Max. Timeout=30
2014-07-06 21:12:52.360 Link Reset, starting window sequence: 26360
2014-07-06 21:12:52.360 GPS Receiver ID Received
2014-07-06 21:12:52.360 Manufacturer's Data Received, Property Tag=2017
2014-07-06 21:12:52.360 Digitizer Gain & Offsets Received
2014-07-06 21:12:52.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4240 recs.
seq end: 7888028
2014-07-06 21:12:52.360 Baler clock set to 2014-07-06 21:12:51
2014-07-06 21:12:52.360 Starting to Read DP Tokens
2014-07-06 21:12:52.360 DP Tokens loaded, size=1474 bytes
2014-07-06 21:12:52.360 webserver advertising 192.168.200.119:5380
2014-07-06 21:12:52.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-06 21:12:52.360 filters & delay HH1:2@100,Linear all=0.320000
2014-07-06 21:12:52.360 filters & delay HH2:3@100,Linear all=0.320000
2014-07-06 21:12:52.360 filters & delay BDH:4@20,Linear all=1.650000
2014-07-06 21:12:52.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-06 21:12:52.360 filters & delay LH1:2@1,Linear all=15.000000
2014-07-06 21:12:52.360 filters & delay LH2:3@1,Linear all=15.000000
2014-07-06 21:12:52.360 filters & delay LDH:4@1,Linear all=15.000000

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2014-07-06 21:12:52.360 [2014-07-06 09:11:58.999998] continuity found: 7888028  
457953119.000000 Q=100  
2014-07-06 21:12:52.360 [2014-07-06 09:11:58.999998] restoring continuity  
2014-07-06 21:12:52.360 Sending DT\_OPEN  
2014-07-06 21:12:52.360 Station: XX-2017  
2014-07-06 21:12:52.360 Q330 Serial Number: 0100000DB18FC351  
2014-07-06 21:12:52.360 AMB Serial Number: 0100000B6909DD82  
2014-07-06 21:12:52.360 Seismo 1 Serial Number: 0000000000000000  
2014-07-06 21:12:52.360 Seismo 2 Serial Number: 0000000000000000  
2014-07-06 21:12:52.360 QAPCHP 1 Serial Number: 4643206  
2014-07-06 21:12:52.360 QAPCHP 2 Serial Number: 3743050  
2014-07-06 21:12:52.360 KMI Property Tag Number: 2017  
2014-07-06 21:12:52.360 System Software Version: 1.146  
2014-07-06 21:12:52.360 Slave Processor Version: 1.11  
2014-07-06 21:12:52.360 Calibrator Type: QCAL330  
2014-07-06 21:12:52.360 Calibrator Version: 1.8  
2014-07-06 21:12:52.360 Auxiliary Board Type: None  
2014-07-06 21:12:52.360 Clock Type: Motorola M12  
2014-07-06 21:12:52.360 PLD Version: 7.9  
2014-07-06 21:12:52.360 Total Hours: 67345.68  
2014-07-06 21:12:52.360 Power On Hours: 31976.06  
2014-07-06 21:12:52.360 Time of Last Boot: 2014-04-06 02:03:58  
2014-07-06 21:12:52.360 Total Number of Boots: 120  
2014-07-06 21:12:52.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-07-06 21:12:52.360 Total Number of Re-Syncs: 213  
2014-07-06 21:12:52.360 Status Inputs: 00000000  
2014-07-06 21:12:52.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-07-06 21:12:52.360 Clock Quality: 100%  
2014-07-06 21:12:52.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-07-06 21:12:52.360 Clock Phase: 0 usec. max allowed=50000  
2014-07-06 21:12:52.360 Boom positions:  
2014-07-06 21:12:52.360 Ch1: -2 Ch2: 1 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20  
2014-07-06 21:12:52.360 Analog Status  
2014-07-06 21:12:52.360 Analog Positive Supply: 5.46V  
2014-07-06 21:12:52.360 Input Voltage: 13.35V  
2014-07-06 21:12:52.360 System Temperature: 5C  
2014-07-06 21:12:52.360 Main Current: 61ma  
2014-07-06 21:12:52.360 Antenna Current: 0ma  
2014-07-06 21:12:52.360 GPS Status  
2014-07-06 21:12:52.360 Time: 21:12:51  
2014-07-06 21:12:52.360 Date:  
2014-07-06 21:12:52.360 Fix Type: 1-D  
2014-07-06 21:12:52.360 Height:  
2014-07-06 21:12:52.360 Latitude:  
2014-07-06 21:12:52.360 Longitude:  
2014-07-06 21:12:52.360 On Time: 0min  
2014-07-06 21:12:52.360 Sat. Used: 0  
2014-07-06 21:12:52.360 In View: 0  
2014-07-06 21:12:52.360 Checksum Errors: 0  
2014-07-06 21:12:52.360 Last GPS timemark: 2014-07-06 21:12:50  
2014-07-06 21:12:52.360 PLL Status  
2014-07-06 21:12:52.360 State: Lock  
2014-07-06 21:12:52.360 Initial VCO: 2200.924316  
2014-07-06 21:12:52.360 Time Error: 0.000000  
2014-07-06 21:12:52.360 RMS VCO: 0.000000  
2014-07-06 21:12:52.360 Best VCO: 2200.85  
2014-07-06 21:12:52.360 Seconds Since Track or Lock: 0.0  
2014-07-06 21:12:52.360 Vco Control: 2201  
2014-07-06 21:12:52.360 timing mode: external seascan  
2014-07-06 21:12:52.360 tempco normal  
2014-07-06 21:12:52.360 PLL update: 10s PLL lock criterion: 5us  
2014-07-06 21:12:52.360 Pfrac: 150.00  
2014-07-06 21:12:52.360 VCO slope: -0.0175000

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2014-07-06 21:12:52.360 VCO intercept: 7.1100001
2014-07-06 21:12:52.360 Km delta: 600.0000000
2014-07-06 21:12:52.360 Logical Port 4 Status
2014-07-06 21:12:52.360 Data Packets Sent: 8940196
2014-07-06 21:12:52.360 Flood Packets Sent: 0
2014-07-06 21:12:52.360 Packets Re-Sent: 13308
2014-07-06 21:12:52.360 Sequence Errors: 0
2014-07-06 21:12:52.360 Packet Buffer Used: 21632888
2014-07-06 21:12:52.360 Physical Port: Ethernet
2014-07-06 21:12:52.360 Baler Model: 14   Software Version: 2.28
2014-07-06 21:12:52.360 MAC Address: 00:04:FB:00:02:EA
2014-07-06 21:12:52.360 Disk Size: 20000669696
2014-07-06 21:12:52.360 Percent of 1177 data files in use: 18.5
2014-07-06 21:12:52.360 Channels Enabled: 1234   Preamps ON channels:
2014-07-06 21:12:52.360 Channel Sensitivities (uV per count):
2014-07-06 21:12:52.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-06 21:12:52.360 Digitizer Calibration Results:
2014-07-06 21:12:52.360 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-07-06 21:12:52.360 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-07-06 21:12:52.360 DMU1 Software Version=10
2014-07-06 21:12:52.360 Supply Voltage=12.7
2014-07-06 21:12:52.360 Supply Current=0.41
2014-07-06 21:12:52.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-06 21:12:52.360 WebLink Data Maps Restored
2014-07-06 21:12:52.360 [2014-07-06 09:11:58.999998] sequence resumes: 7888028 to
7888028
2014-07-06 21:12:52.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-06 21:12:51
2014-07-06 21:18:16.800 Reducing Status Polling Interval
2014-07-06 21:18:16.800 [2014-07-06 21:18:15.999998] total packets received: 48072
2014-07-06 21:18:16.800 [2014-07-06 21:18:15.999998] command timeouts: 6
2014-07-06 21:18:16.800 [2014-07-06 21:18:15.999998] out of window: 60
2014-07-06 21:18:16.800 written: HHZ-1185 HH1-1286 HH2-1344 BDH-417 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-07-06 21:18:16.800 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-06 21:18:16.800 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-06 21:18:16.800 [2014-07-06 21:18:15.999998] Done: 4373 recs. seq end:
7931605. run: 320 s
2014-07-07 09:19:11.340
2014-07-07 09:19:11.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-07 09:19:11.340 Control Port 2491 Opened
2014-07-07 09:19:11.340 Baler ready on Ethernet
2014-07-07 09:19:11.340 Power Cycled Baler Acknowledged
2014-07-07 09:19:11.340 Commands Accepted by Q330
2014-07-07 09:19:11.340 Access timeout: 300 sec
2014-07-07 09:19:11.340 Control Port 4023 Opened
2014-07-07 09:19:11.340 Data Port 4024 Opened
2014-07-07 09:19:11.340 Registered with Q330
2014-07-07 09:19:11.340 Combination Record Received
2014-07-07 09:19:11.340 Window=4   Min. Timeout=10   Max. Timeout=30
2014-07-07 09:19:11.340 Link Reset, starting window sequence: 8801
2014-07-07 09:19:11.340 GPS Receiver ID Received
2014-07-07 09:19:11.340 Manufacturer's Data Received, Property Tag=2017
2014-07-07 09:19:11.340 Digitizer Gain & Offsets Received
2014-07-07 09:19:11.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4373 recs.
seq end: 7931605
2014-07-07 09:19:11.340 Baler clock set to 2014-07-07 09:19:10
2014-07-07 09:19:11.340 Starting to Read DP Tokens
2014-07-07 09:19:11.340 DP Tokens loaded, size=1474 bytes
2014-07-07 09:19:11.340 webserver advertising 192.168.200.119:5380
2014-07-07 09:19:11.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-07 09:19:11.340 filters & delay HH1:2@100,Linear all=0.320000

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2014-07-07 09:19:11.340 filters & delay HH2:3@100,Linear all=0.320000
2014-07-07 09:19:11.340 filters & delay BDH:4@20,Linear all=1.650000
2014-07-07 09:19:11.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-07 09:19:11.340 filters & delay LH1:2@1,Linear all=15.000000
2014-07-07 09:19:11.340 filters & delay LH2:3@1,Linear all=15.000000
2014-07-07 09:19:11.340 filters & delay LDH:4@1,Linear all=15.000000
2014-07-07 09:19:11.340 [2014-07-06 21:18:15.999998] continuity found: 7931605
457996696.000000 Q=100
2014-07-07 09:19:11.340 [2014-07-06 21:18:15.999998] restoring continuity
2014-07-07 09:19:11.340 Sending DT_OPEN
2014-07-07 09:19:11.340 Station: XX-2017
2014-07-07 09:19:11.340 Q330 Serial Number: 0100000DB18FC351
2014-07-07 09:19:11.340 AMB Serial Number: 0100000B6909DD82
2014-07-07 09:19:11.340 Seismo 1 Serial Number: 0000000000000000
2014-07-07 09:19:11.340 Seismo 2 Serial Number: 0000000000000000
2014-07-07 09:19:11.340 QAPCHP 1 Serial Number: 4643206
2014-07-07 09:19:11.340 QAPCHP 2 Serial Number: 3743050
2014-07-07 09:19:11.340 KMI Property Tag Number: 2017
2014-07-07 09:19:11.340 System Software Version: 1.146
2014-07-07 09:19:11.340 Slave Processor Version: 1.11
2014-07-07 09:19:11.340 Calibrator Type: QCAL330
2014-07-07 09:19:11.340 Calibrator Version: 1.8
2014-07-07 09:19:11.340 Auxiliary Board Type: None
2014-07-07 09:19:11.340 Clock Type: Motorola M12
2014-07-07 09:19:11.340 PLD Version: 7.9
2014-07-07 09:19:11.340 Total Hours: 67357.78
2014-07-07 09:19:11.340 Power On Hours: 31988.17
2014-07-07 09:19:11.340 Total Number of Boots: 120
2014-07-07 09:19:11.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-07 09:19:11.340 Total Number of Re-Syncs: 213
2014-07-07 09:19:11.340 Status Inputs: 00000000
2014-07-07 09:19:11.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-07 09:19:11.340 Clock Quality: 100%
2014-07-07 09:19:11.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-07 09:19:11.340 Clock Phase: 0 usec. max allowed=50000
2014-07-07 09:19:11.340 Boom positions:
2014-07-07 09:19:11.340 ch1: -2 ch2: 0 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2014-07-07 09:19:11.340 Analog Status
2014-07-07 09:19:11.340 Analog Positive Supply: 5.46V
2014-07-07 09:19:11.340 Input Voltage: 13.35V
2014-07-07 09:19:11.340 System Temperature: 5C
2014-07-07 09:19:11.340 Main Current: 62ma
2014-07-07 09:19:11.340 Antenna Current: 0ma
2014-07-07 09:19:11.340 GPS Status
2014-07-07 09:19:11.340 Time: 09:19:10
2014-07-07 09:19:11.340 Date:
2014-07-07 09:19:11.340 Fix Type: 1-D
2014-07-07 09:19:11.340 Height:
2014-07-07 09:19:11.340 Latitude:
2014-07-07 09:19:11.340 Longitude:
2014-07-07 09:19:11.340 On Time: 0min
2014-07-07 09:19:11.340 Sat. Used: 0
2014-07-07 09:19:11.340 In View: 0
2014-07-07 09:19:11.340 Checksum Errors: 0
2014-07-07 09:19:11.340 Last GPS timemark: 2014-07-07 09:19:09
2014-07-07 09:19:11.340 PLL Status
2014-07-07 09:19:11.340 State: Lock
2014-07-07 09:19:11.340 Initial VCO: 2201.000000
2014-07-07 09:19:11.340 Time Error: 0.000000
2014-07-07 09:19:11.340 RMS VCO: 0.000000
2014-07-07 09:19:11.340 Best VCO: 2201.00
2014-07-07 09:19:11.340 Seconds Since Track or Lock: 0.0
2014-07-07 09:19:11.340 vco control: 2201

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2014-07-07 09:19:11.340 timing mode: external seascan
2014-07-07 09:19:11.340 tempco normal
2014-07-07 09:19:11.340 PLL update: 10s PLL lock criterion: 5us
2014-07-07 09:19:11.340 Pfrac: 150.00
2014-07-07 09:19:11.340 VCO slope: -0.0175000
2014-07-07 09:19:11.340 VCO intercept: 7.1100001
2014-07-07 09:19:11.340 km delta: 600.0000000
2014-07-07 09:19:11.340 Logical Port 4 Status
2014-07-07 09:19:11.340 Data Packets Sent: 8988178
2014-07-07 09:19:11.340 Flood Packets Sent: 0
2014-07-07 09:19:11.340 Packets Re-Sent: 13385
2014-07-07 09:19:11.340 Sequence Errors: 0
2014-07-07 09:19:11.340 Packet Buffer Used: 20323744
2014-07-07 09:19:11.340 Physical Port: Ethernet
2014-07-07 09:19:11.340 Baler Model: 14 Software Version: 2.28
2014-07-07 09:19:11.340 MAC Address: 00:04:FB:00:02:EA
2014-07-07 09:19:11.340 Disk Size: 20000669696
2014-07-07 09:19:11.340 Percent of 1177 data files in use: 18.6
2014-07-07 09:19:11.340 Channels Enabled: 1234 Preamps ON channels:
2014-07-07 09:19:11.340 Channel Sensitivities (uV per count):
2014-07-07 09:19:11.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-07 09:19:11.340 Digitizer Calibration Results:
2014-07-07 09:19:11.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-07 09:19:11.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-07 09:19:11.340 DMU1 Software Version=10
2014-07-07 09:19:11.340 Supply Voltage=12.7
2014-07-07 09:19:11.340 Supply Current=0.40
2014-07-07 09:19:11.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-07 09:19:11.340 webLink Data Maps Restored
2014-07-07 09:19:11.340 [2014-07-06 21:18:15.999998] sequence resumes: 7931605 to
7931605
2014-07-07 09:19:11.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-07 09:19:10
2014-07-07 09:20:16.650 [2014-07-07 00:00:00.000000] saving Configuration to Backup
Memory
2014-07-07 09:24:19.970 [2014-07-07 09:22:44.000000] total packets received: 43615
2014-07-07 09:24:19.970 [2014-07-07 09:22:44.000000] command timeouts: 6
2014-07-07 09:24:19.970 [2014-07-07 09:22:44.000000] out of window: 62
2014-07-07 09:24:19.970 written: HHZ-1070 HH1-1187 HH2-1232 BDH-419 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-07 09:24:19.970 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-23 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-07 09:24:19.970 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-07-07 09:24:19.970 [2014-07-07 09:22:44.000000] Done: 4051 recs. seq end:
7975073. run: 305 s
2014-07-07 21:25:14.400
2014-07-07 21:25:14.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-07 21:25:14.400 Control Port 2491 Opened
2014-07-07 21:25:14.400 Baler ready on Ethernet
2014-07-07 21:25:14.400 Power Cycled Baler Acknowledged
2014-07-07 21:25:14.400 Commands Accepted by Q330
2014-07-07 21:25:14.400 Access timeout: 300 sec
2014-07-07 21:25:14.400 Control Port 4023 Opened
2014-07-07 21:25:14.400 Data Port 4024 Opened
2014-07-07 21:25:14.400 Registered with Q330
2014-07-07 21:25:14.400 Combination Record Received
2014-07-07 21:25:14.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-07 21:25:14.400 Link Reset, starting window sequence: 52320
2014-07-07 21:25:14.400 GPS Receiver ID Received
2014-07-07 21:25:14.400 Manufacturer's Data Received, Property Tag=2017
2014-07-07 21:25:14.400 Digitizer Gain & Offsets Received
2014-07-07 21:25:14.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4051 recs.
seq end: 7975073

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2014-07-07 21:25:14.400 Baler clock set to 2014-07-07 21:25:13  
 2014-07-07 21:25:14.400 Starting to Read DP Tokens  
 2014-07-07 21:25:14.400 DP Tokens loaded, size=1474 bytes  
 2014-07-07 21:25:14.400 webserver advertising 192.168.200.119:5380  
 2014-07-07 21:25:14.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-07 21:25:14.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-07 21:25:14.400 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-07 21:25:14.400 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-07 21:25:14.400 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-07 21:25:14.400 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-07 21:25:14.400 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-07 21:25:14.400 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-07 21:25:14.400 [2014-07-07 09:22:44.000000] continuity found: 7975073  
 458040164.000000 Q=100  
 2014-07-07 21:25:14.400 [2014-07-07 09:22:44.000000] restoring continuity  
 2014-07-07 21:25:14.400 Sending DT\_OPEN  
 2014-07-07 21:25:14.400 Station: XX-2017  
 2014-07-07 21:25:14.400 Q330 Serial Number: 0100000DB18FC351  
 2014-07-07 21:25:14.400 AMB Serial Number: 0100000B6909DD82  
 2014-07-07 21:25:14.400 Seismo 1 Serial Number: 0000000000000000  
 2014-07-07 21:25:14.400 Seismo 2 Serial Number: 0000000000000000  
 2014-07-07 21:25:14.400 QAPCHP 1 Serial Number: 4643206  
 2014-07-07 21:25:14.400 QAPCHP 2 Serial Number: 3743050  
 2014-07-07 21:25:14.400 KMI Property Tag Number: 2017  
 2014-07-07 21:25:14.400 System Software Version: 1.146  
 2014-07-07 21:25:14.400 Slave Processor Version: 1.11  
 2014-07-07 21:25:14.400 Calibrator Type: QCAL330  
 2014-07-07 21:25:14.400 Calibrator Version: 1.8  
 2014-07-07 21:25:14.400 Auxiliary Board Type: None  
 2014-07-07 21:25:14.400 Clock Type: Motorola M12  
 2014-07-07 21:25:14.400 PLD Version: 7.9  
 2014-07-07 21:25:14.400 Total Hours: 67369.88  
 2014-07-07 21:25:14.400 Power On Hours: 32000.27  
 2014-07-07 21:25:14.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-07 21:25:14.400 Total Number of Boots: 120  
 2014-07-07 21:25:14.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-07 21:25:14.400 Total Number of Re-Syncs: 213  
 2014-07-07 21:25:14.400 Status Inputs: 00000000  
 2014-07-07 21:25:14.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-07-07 21:25:14.400 Clock Quality: 100%  
 2014-07-07 21:25:14.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-07 21:25:14.400 Clock Phase: 0 usec. max allowed=50000  
 2014-07-07 21:25:14.400 Boom positions:  
 2014-07-07 21:25:14.400 Ch1: -2 Ch2: 0 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-07 21:25:14.400 Analog Status  
 2014-07-07 21:25:14.400 Analog Positive Supply: 5.46V  
 2014-07-07 21:25:14.400 Input Voltage: 13.35V  
 2014-07-07 21:25:14.400 System Temperature: 5C  
 2014-07-07 21:25:14.400 Main Current: 61ma  
 2014-07-07 21:25:14.400 Antenna Current: 0ma  
 2014-07-07 21:25:14.400 GPS Status  
 2014-07-07 21:25:14.400 Time: 21:25:12  
 2014-07-07 21:25:14.400 Date:  
 2014-07-07 21:25:14.400 Fix Type: 1-D  
 2014-07-07 21:25:14.400 Height:  
 2014-07-07 21:25:14.400 Latitude:  
 2014-07-07 21:25:14.400 Longitude:  
 2014-07-07 21:25:14.400 On Time: 0min  
 2014-07-07 21:25:14.400 Sat. Used: 0  
 2014-07-07 21:25:14.400 In View: 0  
 2014-07-07 21:25:14.400 Checksum Errors: 0  
 2014-07-07 21:25:14.400 Last GPS timemark: 2014-07-07 21:25:11  
 2014-07-07 21:25:14.400 PLL Status

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2014-07-07 21:25:14.400 State: Lock
2014-07-07 21:25:14.400 Initial VCO: 2200.798584
2014-07-07 21:25:14.400 Time Error: 0.000000
2014-07-07 21:25:14.400 RMS VCO: 0.0000000
2014-07-07 21:25:14.400 Best VCO: 2200.81
2014-07-07 21:25:14.400 Seconds Since Track or Lock: 0.0
2014-07-07 21:25:14.400 Vco Control: 2201
2014-07-07 21:25:14.400 timing mode: external seascan
2014-07-07 21:25:14.400 tempco normal
2014-07-07 21:25:14.400 PLL update: 10s PLL lock criterion: 5us
2014-07-07 21:25:14.400 Pfrac: 150.00
2014-07-07 21:25:14.400 VCO slope: -0.0175000
2014-07-07 21:25:14.400 VCO intercept: 7.1100001
2014-07-07 21:25:14.400 Km delta: 600.0000000
2014-07-07 21:25:14.400 Logical Port 4 Status
2014-07-07 21:25:14.400 Data Packets Sent: 9031702
2014-07-07 21:25:14.400 Flood Packets Sent: 0
2014-07-07 21:25:14.400 Packets Re-Sent: 13467
2014-07-07 21:25:14.400 Sequence Errors: 0
2014-07-07 21:25:14.400 Packet Buffer Used: 21402152
2014-07-07 21:25:14.400 Physical Port: Ethernet
2014-07-07 21:25:14.400 Baler Model: 14 Software Version: 2.28
2014-07-07 21:25:14.400 MAC Address: 00:04:FB:00:02:EA
2014-07-07 21:25:14.400 Disk Size: 20000669696
2014-07-07 21:25:14.400 Percent of 1177 data files in use: 18.7
2014-07-07 21:25:14.400 Channels Enabled: 1234 Preamps ON channels:
2014-07-07 21:25:14.400 Channel Sensitivities (uV per count):
2014-07-07 21:25:14.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-07 21:25:14.400 Digitizer Calibration Results:
2014-07-07 21:25:14.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-07 21:25:14.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-07 21:25:14.400 DMU1 Software Version=10
2014-07-07 21:25:14.400 Supply Voltage=12.7
2014-07-07 21:25:14.400 Supply Current=0.41
2014-07-07 21:25:14.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-07 21:25:14.400 WebLink Data Maps Restored
2014-07-07 21:25:14.400 [2014-07-07 09:22:44.000000] sequence resumes: 7975073 to
7975073
2014-07-07 21:25:14.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-07 21:25:13
2014-07-07 21:30:44.940 Reducing Status Polling Interval
2014-07-07 21:30:44.940 [2014-07-07 21:30:43.999998] total packets received: 46800
2014-07-07 21:30:44.940 [2014-07-07 21:30:43.999998] command timeouts: 6
2014-07-07 21:30:44.940 [2014-07-07 21:30:43.999998] out of window: 82
2014-07-07 21:30:44.940 written: HHZ-1150 HH1-1297 HH2-1299 BDH-427 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-07-07 21:30:44.940 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-25 LH2-25 LDH-25
VMZ-1 VM1-1
2014-07-07 21:30:44.940 written: VM2-1 LOG-2 ACE-1 OCF-1
2014-07-07 21:30:44.940 [2014-07-07 21:30:43.999998] Done: 4306 recs. seq end:
8018753. run: 325 s
2014-07-08 09:31:35.420
2014-07-08 09:31:35.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-08 09:31:35.420 Control Port 2491 Opened
2014-07-08 09:31:35.420 Baler ready on Ethernet
2014-07-08 09:31:35.420 Power Cycled Baler Acknowledged
2014-07-08 09:31:35.420 Commands Accepted by Q330
2014-07-08 09:31:35.420 Control Port 4023 Opened
2014-07-08 09:31:35.420 Data Port 4024 Opened
2014-07-08 09:31:35.420 Registered with Q330
2014-07-08 09:31:35.420 Combination Record Received
2014-07-08 09:31:35.420 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-08 09:31:35.420 Link Reset, starting window sequence: 33467

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2014-07-08 09:31:35.420 GPS Receiver ID Received
2014-07-08 09:31:35.420 Manufacturer's Data Received, Property Tag=2017
2014-07-08 09:31:35.420 Digitizer Gain & Offsets Received
2014-07-08 09:31:35.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4306 recs.
seq end: 8018753
2014-07-08 09:31:35.420 Baler clock set to 2014-07-08 09:31:34
2014-07-08 09:31:35.420 Starting to Read DP Tokens
2014-07-08 09:31:35.420 DP Tokens loaded, size=1474 bytes
2014-07-08 09:31:35.420 webserver advertising 192.168.200.119:5380
2014-07-08 09:31:35.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-08 09:31:35.420 filters & delay HH1:2@100,Linear all=0.320000
2014-07-08 09:31:35.420 filters & delay HH2:3@100,Linear all=0.320000
2014-07-08 09:31:35.420 filters & delay BDH:4@20,Linear all=1.650000
2014-07-08 09:31:35.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-08 09:31:35.420 filters & delay LH1:2@1,Linear all=15.000000
2014-07-08 09:31:35.420 filters & delay LH2:3@1,Linear all=15.000000
2014-07-08 09:31:35.420 filters & delay LDH:4@1,Linear all=15.000000
2014-07-08 09:31:35.420 [2014-07-07 21:30:43.999998] continuity found: 8018753
458083844.000000 Q=100
2014-07-08 09:31:35.420 [2014-07-07 21:30:43.999998] restoring continuity
2014-07-08 09:31:35.420 Sending DT_OPEN
2014-07-08 09:31:35.420 Station: XX-2017
2014-07-08 09:31:35.420 Q330 Serial Number: 0100000DB18FC351
2014-07-08 09:31:35.420 AMB Serial Number: 0100000B6909DD82
2014-07-08 09:31:35.420 Seismo 1 Serial Number: 0000000000000000
2014-07-08 09:31:35.420 Seismo 2 Serial Number: 0000000000000000
2014-07-08 09:31:35.420 QAPCHP 1 Serial Number: 4643206
2014-07-08 09:31:35.420 QAPCHP 2 Serial Number: 3743050
2014-07-08 09:31:35.420 KMI Property Tag Number: 2017
2014-07-08 09:31:35.420 System Software Version: 1.146
2014-07-08 09:31:35.420 Slave Processor Version: 1.11
2014-07-08 09:31:35.420 Calibrator Type: QCAL330
2014-07-08 09:31:35.420 Calibrator Version: 1.8
2014-07-08 09:31:35.420 Auxiliary Board Type: None
2014-07-08 09:31:35.420 Clock Type: Motorola M12
2014-07-08 09:31:35.420 PLD Version: 7.9
2014-07-08 09:31:35.420 Total Hours: 67381.99
2014-07-08 09:31:35.420 Power On Hours: 32012.38
2014-07-08 09:31:35.420 Time of Last Boot: 2014-04-06 02:03:58
2014-07-08 09:31:35.420 Total Number of Boots: 120
2014-07-08 09:31:35.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-08 09:31:35.420 Total Number of Re-Syncs: 213
2014-07-08 09:31:35.420 Status Inputs: 00000000
2014-07-08 09:31:35.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-08 09:31:35.420 Clock Quality: 100%
2014-07-08 09:31:35.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-08 09:31:35.420 Clock Phase: 0 usec. max allowed=50000
2014-07-08 09:31:35.420 Boom positions:
2014-07-08 09:31:35.420 ch1: -2 ch2: 0 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2014-07-08 09:31:35.420 Analog Status
2014-07-08 09:31:35.420 Analog Positive Supply: 5.46V
2014-07-08 09:31:35.420 Input Voltage: 13.20V
2014-07-08 09:31:35.420 System Temperature: 5C
2014-07-08 09:31:35.420 Main Current: 62ma
2014-07-08 09:31:35.420 Antenna Current: 0ma
2014-07-08 09:31:35.420 GPS Status
2014-07-08 09:31:35.420 Time: 09:31:34
2014-07-08 09:31:35.420 Date:
2014-07-08 09:31:35.420 Fix Type: 1-D
2014-07-08 09:31:35.420 Height:
2014-07-08 09:31:35.420 Latitude:
2014-07-08 09:31:35.420 Longitude:
2014-07-08 09:31:35.420 On Time: 0min

```

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2014-07-08 09:31:35.420 Sat. Used: 0
2014-07-08 09:31:35.420 In View: 0
2014-07-08 09:31:35.420 Checksum Errors: 0
2014-07-08 09:31:35.420 Last GPS timemark: 2014-07-08 09:31:33
2014-07-08 09:31:35.420 PLL Status
2014-07-08 09:31:35.420 State: Lock
2014-07-08 09:31:35.420 Initial VCO: 2200.909424
2014-07-08 09:31:35.420 Time Error: 0.000000
2014-07-08 09:31:35.420 RMS VCO: 0.0000000
2014-07-08 09:31:35.420 Best VCO: 2200.93
2014-07-08 09:31:35.420 Seconds Since Track or Lock: 0.0
2014-07-08 09:31:35.420 Vco Control: 2201
2014-07-08 09:31:35.420 timing mode: external seascan
2014-07-08 09:31:35.420 tempco normal
2014-07-08 09:31:35.420 PLL update: 10s PLL lock criterion: 5us
2014-07-08 09:31:35.420 Pfrac: 150.00
2014-07-08 09:31:35.420 VCO slope: -0.0175000
2014-07-08 09:31:35.420 VCO intercept: 7.1100001
2014-07-08 09:31:35.420 Km delta: 600.0000000
2014-07-08 09:31:35.420 Logical Port 4 Status
2014-07-08 09:31:35.420 Data Packets Sent: 9078390
2014-07-08 09:31:35.420 Flood Packets Sent: 0
2014-07-08 09:31:35.420 Packets Re-Sent: 13561
2014-07-08 09:31:35.420 Sequence Errors: 0
2014-07-08 09:31:35.420 Packet Buffer Used: 20269816
2014-07-08 09:31:35.420 Physical Port: Ethernet
2014-07-08 09:31:35.420 Baler Model: 14 Software Version: 2.28
2014-07-08 09:31:35.420 MAC Address: 00:04:FB:00:02:EA
2014-07-08 09:31:35.420 Disk Size: 20000669696
2014-07-08 09:31:35.420 Percent of 1177 data files in use: 18.8
2014-07-08 09:31:35.420 Channels Enabled: 1234 Preamps ON channels:
2014-07-08 09:31:35.420 Channel Sensitivities (uV per count):
2014-07-08 09:31:35.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-08 09:31:35.420 Digitizer Calibration Results:
2014-07-08 09:31:35.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-08 09:31:35.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-08 09:31:35.420 DMU1 Software Version=10
2014-07-08 09:31:35.420 Supply Voltage=12.7
2014-07-08 09:31:35.420 Supply Current=0.40
2014-07-08 09:31:35.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-08 09:31:35.420 webLink Data Maps Restored
2014-07-08 09:31:35.420 [2014-07-07 21:30:43.999998] sequence resumes: 8018753 to
8018753
2014-07-08 09:31:35.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-08 09:31:34
2014-07-08 09:31:35.420 [2014-07-08 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-08 09:35:38.190 Reducing Status Polling Interval
2014-07-08 09:36:47.670 [2014-07-08 09:27:22.000000] total packets received: 43150
2014-07-08 09:36:47.670 [2014-07-08 09:27:22.000000] command timeouts: 6
2014-07-08 09:36:47.670 [2014-07-08 09:27:22.000000] out of window: 70
2014-07-08 09:36:47.670 written: HHZ-1056 HH1-1197 HH2-1187 BDH-415 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-08 09:36:47.670 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-23 LH2-23 LDH-23
VMZ-2 VM1-2
2014-07-08 09:36:47.670 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-07-08 09:36:47.670 [2014-07-08 09:27:22.000000] Done: 3995 recs. seq end:
8061751. run: 308 s
2014-07-08 21:37:42.320
2014-07-08 21:37:42.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-08 21:37:42.320 Control Port 2491 Opened
2014-07-08 21:37:42.320 Baler ready on Ethernet
2014-07-08 21:37:42.320 Power Cycled Baler Acknowledged

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2014-07-08 21:37:42.320 Commands Accepted by Q330
2014-07-08 21:37:42.320 Access timeout: 300 sec
2014-07-08 21:37:42.320 Control Port 4023 Opened
2014-07-08 21:37:42.320 Data Port 4024 Opened
2014-07-08 21:37:42.320 Registered with Q330
2014-07-08 21:37:42.320 Combination Record Received
2014-07-08 21:37:42.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-08 21:37:42.320 Link Reset, starting window sequence: 10966
2014-07-08 21:37:42.320 GPS Receiver ID Received
2014-07-08 21:37:42.320 Manufacturer's Data Received, Property Tag=2017
2014-07-08 21:37:42.320 Digitizer Gain & Offsets Received
2014-07-08 21:37:42.320 Msg From 192.168.200.119:Baler XX-2017 readback. 3995 recs.
seq end: 8061751
2014-07-08 21:37:42.320 Baler clock set to 2014-07-08 21:37:41
2014-07-08 21:37:42.320 Starting to Read DP Tokens
2014-07-08 21:37:42.320 DP Tokens loaded, size=1474 bytes
2014-07-08 21:37:42.320 webserver advertising 192.168.200.119:5380
2014-07-08 21:37:42.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-08 21:37:42.320 filters & delay HH1:2@100,Linear all=0.320000
2014-07-08 21:37:42.320 filters & delay HH2:3@100,Linear all=0.320000
2014-07-08 21:37:42.320 filters & delay BDH:4@20,Linear all=1.650000
2014-07-08 21:37:42.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-08 21:37:42.320 filters & delay LH1:2@1,Linear all=15.000000
2014-07-08 21:37:42.320 filters & delay LH2:3@1,Linear all=15.000000
2014-07-08 21:37:42.320 filters & delay LDH:4@1,Linear all=15.000000
2014-07-08 21:37:42.320 [2014-07-08 09:27:22.000000] continuity found: 8061751
458126842.000000 Q=100
2014-07-08 21:37:42.320 [2014-07-08 09:27:22.000000] restoring continuity
2014-07-08 21:37:42.320 Sending DT_OPEN
2014-07-08 21:37:42.320 Station: XX-2017
2014-07-08 21:37:42.320 Q330 Serial Number: 0100000DB18FC351
2014-07-08 21:37:42.320 AMB Serial Number: 0100000B6909DD82
2014-07-08 21:37:42.320 Seismo 1 Serial Number: 0000000000000000
2014-07-08 21:37:42.320 Seismo 2 Serial Number: 0000000000000000
2014-07-08 21:37:42.320 QAPCHP 1 Serial Number: 4643206
2014-07-08 21:37:42.320 QAPCHP 2 Serial Number: 3743050
2014-07-08 21:37:42.320 KMI Property Tag Number: 2017
2014-07-08 21:37:42.320 System Software Version: 1.146
2014-07-08 21:37:42.320 Slave Processor Version: 1.11
2014-07-08 21:37:42.320 Calibrator Type: QCAL330
2014-07-08 21:37:42.320 Calibrator Version: 1.8
2014-07-08 21:37:42.320 Auxiliary Board Type: None
2014-07-08 21:37:42.320 Clock Type: Motorola M12
2014-07-08 21:37:42.320 PLD Version: 7.9
2014-07-08 21:37:42.320 Total Hours: 67394.09
2014-07-08 21:37:42.320 Power On Hours: 32024.48
2014-07-08 21:37:42.320 Time of Last Boot: 2014-04-06 02:03:58
2014-07-08 21:37:42.320 Total Number of Boots: 120
2014-07-08 21:37:42.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-08 21:37:42.320 Total Number of Re-Syncs: 213
2014-07-08 21:37:42.320 Status Inputs: 00000000
2014-07-08 21:37:42.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-08 21:37:42.320 Clock Quality: 100%
2014-07-08 21:37:42.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-08 21:37:42.320 Clock Phase: 0 usec. max allowed=50000
2014-07-08 21:37:42.320 Boom positions:
2014-07-08 21:37:42.320 ch1: -2 ch2: 0 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2014-07-08 21:37:42.320 Analog Status
2014-07-08 21:37:42.320 Analog Positive Supply: 5.46V
2014-07-08 21:37:42.320 Input Voltage: 13.35V
2014-07-08 21:37:42.320 System Temperature: 5C
2014-07-08 21:37:42.320 Main Current: 61ma
2014-07-08 21:37:42.320 Antenna Current: 0ma

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2014-07-08 21:37:42.320 GPS Status
2014-07-08 21:37:42.320 Time: 21:37:41
2014-07-08 21:37:42.320 Date:
2014-07-08 21:37:42.320 Fix Type: 1-D
2014-07-08 21:37:42.320 Height:
2014-07-08 21:37:42.320 Latitude:
2014-07-08 21:37:42.320 Longitude:
2014-07-08 21:37:42.320 On Time: 0min
2014-07-08 21:37:42.320 Sat. Used: 0
2014-07-08 21:37:42.320 In View: 0
2014-07-08 21:37:42.320 Checksum Errors: 0
2014-07-08 21:37:42.320 Last GPS timemark: 2014-07-08 21:37:40
2014-07-08 21:37:42.320 PLL Status
2014-07-08 21:37:42.320 State: Lock
2014-07-08 21:37:42.320 Initial VCO: 2200.916992
2014-07-08 21:37:42.320 Time Error: 0.000000
2014-07-08 21:37:42.320 RMS VCO: 0.0000000
2014-07-08 21:37:42.320 Best VCO: 2200.90
2014-07-08 21:37:42.320 Seconds Since Track or Lock: 0.0
2014-07-08 21:37:42.320 Vco Control: 2201
2014-07-08 21:37:42.320 timing mode: external seascan
2014-07-08 21:37:42.320 tempco normal
2014-07-08 21:37:42.320 PLL update: 10s PLL lock criterion: 5us
2014-07-08 21:37:42.320 VCO slope: -0.0175000
2014-07-08 21:37:42.320 VCO intercept: 7.1100001
2014-07-08 21:37:42.320 Km delta: 600.0000000
2014-07-08 21:37:42.320 Logical Port 4 Status
2014-07-08 21:37:42.320 Data Packets Sent: 9121430
2014-07-08 21:37:42.320 Flood Packets Sent: 0
2014-07-08 21:37:42.320 Packets Re-Sent: 13655
2014-07-08 21:37:42.320 Sequence Errors: 0
2014-07-08 21:37:42.320 Packet Buffer Used: 21620772
2014-07-08 21:37:42.320 Physical Port: Ethernet
2014-07-08 21:37:42.320 Baler Model: 14 Software Version: 2.28
2014-07-08 21:37:42.320 MAC Address: 00:04:FB:00:02:EA
2014-07-08 21:37:42.320 Disk Size: 20000669696
2014-07-08 21:37:42.320 Percent of 1177 data files in use: 18.9
2014-07-08 21:37:42.320 Channels Enabled: 1234 Preamps ON channels:
2014-07-08 21:37:42.320 Channel Sensitivities (uV per count):
2014-07-08 21:37:42.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-08 21:37:42.320 Digitizer Calibration Results:
2014-07-08 21:37:42.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-08 21:37:42.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-08 21:37:42.320 DMU1 Software Version=10
2014-07-08 21:37:42.320 Supply Voltage=12.7
2014-07-08 21:37:42.320 Supply Current=0.40
2014-07-08 21:37:42.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-08 21:37:42.320 WebLink Data Maps Restored
2014-07-08 21:37:42.320 [2014-07-08 09:27:22.000000] sequence resumes: 8061751 to
8061751
2014-07-08 21:37:42.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-08 21:37:41
2014-07-08 21:43:14.950 [2014-07-08 21:42:11.999998] total packets received: 47957
2014-07-08 21:43:14.950 [2014-07-08 21:42:11.999998] command timeouts: 6
2014-07-08 21:43:14.950 [2014-07-08 21:42:11.999998] out of window: 76
2014-07-08 21:43:14.950 written: HHZ-1171 HH1-1305 HH2-1299 BDH-433 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-07-08 21:43:14.950 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-08 21:43:14.950 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-08 21:43:14.950 [2014-07-08 21:42:11.999998] Done: 4345 recs. seq end:
8105841. run: 327 s
2014-07-09 09:44:08.340

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2014-07-09 09:44:08.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-09 09:44:08.340 Control Port 2491 Opened  
 2014-07-09 09:44:08.340 Baler ready on Ethernet  
 2014-07-09 09:44:08.340 Power Cycled Baler Acknowledged  
 2014-07-09 09:44:08.340 Commands Accepted by Q330  
 2014-07-09 09:44:08.340 Access timeout: 300 sec  
 2014-07-09 09:44:08.340 Control Port 4023 Opened  
 2014-07-09 09:44:08.340 Data Port 4024 Opened  
 2014-07-09 09:44:08.340 Registered with Q330  
 2014-07-09 09:44:08.340 Combination Record Received  
 2014-07-09 09:44:08.340 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-09 09:44:08.340 Link Reset, starting window sequence: 58812  
 2014-07-09 09:44:08.340 GPS Receiver ID Received  
 2014-07-09 09:44:08.340 Manufacturer's Data Received, Property Tag=2017  
 2014-07-09 09:44:08.340 Digitizer Gain & Offsets Received  
 2014-07-09 09:44:08.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4345 recs.  
 seq end: 8105841  
 2014-07-09 09:44:08.340 Baler clock set to 2014-07-09 09:44:07  
 2014-07-09 09:44:08.340 Starting to Read DP Tokens  
 2014-07-09 09:44:08.340 DP Tokens loaded, size=1474 bytes  
 2014-07-09 09:44:08.340 Webserver advertising 192.168.200.119:5380  
 2014-07-09 09:44:08.340 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-09 09:44:08.340 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-09 09:44:08.340 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-09 09:44:08.340 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-09 09:44:08.340 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-09 09:44:08.340 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-09 09:44:08.340 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-09 09:44:08.340 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-09 09:44:08.340 [2014-07-08 21:42:11.999998] continuity found: 8105841  
 458170932.000000 Q=100  
 2014-07-09 09:44:08.340 [2014-07-08 21:42:11.999998] restoring continuity  
 2014-07-09 09:44:08.340 Sending DT\_OPEN  
 2014-07-09 09:44:08.340 Station: XX-2017  
 2014-07-09 09:44:08.340 Q330 Serial Number: 0100000DB18FC351  
 2014-07-09 09:44:08.340 AMB Serial Number: 0100000B6909DD82  
 2014-07-09 09:44:08.340 Seismo 1 Serial Number: 0000000000000000  
 2014-07-09 09:44:08.340 Seismo 2 Serial Number: 0000000000000000  
 2014-07-09 09:44:08.340 QAPCHP 1 Serial Number: 4643206  
 2014-07-09 09:44:08.340 QAPCHP 2 Serial Number: 3743050  
 2014-07-09 09:44:08.340 KMI Property Tag Number: 2017  
 2014-07-09 09:44:08.340 System Software Version: 1.146  
 2014-07-09 09:44:08.340 Slave Processor Version: 1.11  
 2014-07-09 09:44:08.340 Calibrator Type: QCAL330  
 2014-07-09 09:44:08.340 Calibrator Version: 1.8  
 2014-07-09 09:44:08.340 Auxiliary Board Type: None  
 2014-07-09 09:44:08.340 Clock Type: Motorola M12  
 2014-07-09 09:44:08.340 PLD Version: 7.9  
 2014-07-09 09:44:08.340 Total Hours: 67406.20  
 2014-07-09 09:44:08.340 Power On Hours: 32036.58  
 2014-07-09 09:44:08.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-09 09:44:08.340 Total Number of Boots: 120  
 2014-07-09 09:44:08.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-09 09:44:08.340 Total Number of Re-Syncs: 213  
 2014-07-09 09:44:08.340 Status Inputs: 00000000  
 2014-07-09 09:44:08.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-09 09:44:08.340 Clock Quality: 100%  
 2014-07-09 09:44:08.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-09 09:44:08.340 Clock Phase: 0 usec. max allowed=50000  
 2014-07-09 09:44:08.340 Boom positions:  
 2014-07-09 09:44:08.340 Ch1: -2 Ch2: -1 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-09 09:44:08.340 Analog Status  
 2014-07-09 09:44:08.340 Analog Positive Supply: 5.46V



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2014-07-09 09:44:08.340 Input Voltage: 13.20V  
 2014-07-09 09:44:08.340 System Temperature: 5C  
 2014-07-09 09:44:08.340 Main Current: 62ma  
 2014-07-09 09:44:08.340 Antenna Current: 0ma  
 2014-07-09 09:44:08.340 GPS Status  
 2014-07-09 09:44:08.340 Time: 09:44:07  
 2014-07-09 09:44:08.340 Date:  
 2014-07-09 09:44:08.340 Fix Type: 1-D  
 2014-07-09 09:44:08.340 Height:  
 2014-07-09 09:44:08.340 Latitude:  
 2014-07-09 09:44:08.340 Longitude:  
 2014-07-09 09:44:08.340 On Time: 0min  
 2014-07-09 09:44:08.340 Sat. Used: 0  
 2014-07-09 09:44:08.340 In View: 0  
 2014-07-09 09:44:08.340 Checksum Errors: 0  
 2014-07-09 09:44:08.340 Last GPS timemark: 2014-07-09 09:44:06  
 2014-07-09 09:44:08.340 PLL Status  
 2014-07-09 09:44:08.340 State: Lock  
 2014-07-09 09:44:08.340 Initial VCO: 2200.435547  
 2014-07-09 09:44:08.340 Time Error: 0.000000  
 2014-07-09 09:44:08.340 RMS VCO: 0.0000000  
 2014-07-09 09:44:08.340 Best VCO: 2200.43  
 2014-07-09 09:44:08.340 Seconds Since Track or Lock: 0.0  
 2014-07-09 09:44:08.340 Vco Control: 2200  
 2014-07-09 09:44:08.340 timing mode: external seascan  
 2014-07-09 09:44:08.340 tempco normal  
 2014-07-09 09:44:08.340 PLL update: 10s PLL lock criterion: 5us  
 2014-07-09 09:44:08.340 Pfrac: 150.00  
 2014-07-09 09:44:08.340 VCO slope: -0.0175000  
 2014-07-09 09:44:08.340 VCO intercept: 7.1100001  
 2014-07-09 09:44:08.340 Km delta: 600.0000000  
 2014-07-09 09:44:08.340 Logical Port 4 Status  
 2014-07-09 09:44:08.340 Data Packets Sent: 9169281  
 2014-07-09 09:44:08.340 Flood Packets Sent: 0  
 2014-07-09 09:44:08.340 Packets Re-Sent: 13743  
 2014-07-09 09:44:08.340 Sequence Errors: 0  
 2014-07-09 09:44:08.340 Packet Buffer Used: 20908884  
 2014-07-09 09:44:08.340 Physical Port: Ethernet  
 2014-07-09 09:44:08.340 Baler Model: 14 Software Version: 2.28  
 2014-07-09 09:44:08.340 MAC Address: 00:04:FB:00:02:EA  
 2014-07-09 09:44:08.340 Disk Size: 20000669696  
 2014-07-09 09:44:08.340 Percent of 1177 data files in use: 19.0  
 2014-07-09 09:44:08.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-09 09:44:08.340 Channel Sensitivities (uV per count):  
 2014-07-09 09:44:08.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-09 09:44:08.340 Digitizer Calibration Results:  
 2014-07-09 09:44:08.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-09 09:44:08.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-09 09:44:08.340 DMU1 Software Version=10  
 2014-07-09 09:44:08.340 Supply Voltage=12.8  
 2014-07-09 09:44:08.340 Supply Current=0.40  
 2014-07-09 09:44:08.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-09 09:44:08.340 WebLink Data Maps Restored  
 2014-07-09 09:44:08.340 [2014-07-08 21:42:11.999998] sequence resumes: 8105841 to  
 8105841  
 2014-07-09 09:44:08.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-09 09:44:07  
 2014-07-09 09:44:08.340 [2014-07-09 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-07-09 09:49:19.870 [2014-07-09 09:39:40.000000] total packets received: 43163  
 2014-07-09 09:49:19.870 [2014-07-09 09:39:40.000000] command timeouts: 6  
 2014-07-09 09:49:19.870 [2014-07-09 09:39:40.000000] out of window: 64  
 2014-07-09 09:49:19.870 written: HHZ-1073 HH1-1272 HH2-1232 BDH-427 VEP-1 VEC-2

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VEA-1 VKI-1 VCO-1  
 2014-07-09 09:49:19.870 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-07-09 09:49:19.870 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-07-09 09:49:19.870 [2014-07-09 09:39:40.000000] Done: 4138 recs. seq end:  
 8148889. run: 306 s  
 2014-07-09 21:50:09.360  
 2014-07-09 21:50:09.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-09 21:50:09.360 Control Port 2491 Opened  
 2014-07-09 21:50:09.360 Baler ready on Ethernet  
 2014-07-09 21:50:09.360 Power Cycled Baler Acknowledged  
 2014-07-09 21:50:09.360 Commands Accepted by Q330  
 2014-07-09 21:50:09.360 Access timeout: 300 sec  
 2014-07-09 21:50:09.360 Control Port 4023 Opened  
 2014-07-09 21:50:09.360 Data Port 4024 Opened  
 2014-07-09 21:50:09.360 Registered with Q330  
 2014-07-09 21:50:09.360 Combination Record Received  
 2014-07-09 21:50:09.360 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-09 21:50:09.360 Link Reset, starting window sequence: 36340  
 2014-07-09 21:50:09.360 GPS Receiver ID Received  
 2014-07-09 21:50:09.360 Manufacturer's Data Received, Property Tag=2017  
 2014-07-09 21:50:09.360 Digitizer Gain & Offsets Received  
 2014-07-09 21:50:09.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4138 recs.  
 seq end: 8148889  
 2014-07-09 21:50:09.360 Baler clock set to 2014-07-09 21:50:08  
 2014-07-09 21:50:09.360 Starting to Read DP Tokens  
 2014-07-09 21:50:09.360 DP Tokens loaded, size=1474 bytes  
 2014-07-09 21:50:09.360 webserver advertising 192.168.200.119:5380  
 2014-07-09 21:50:09.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-09 21:50:09.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-09 21:50:09.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-09 21:50:09.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-09 21:50:09.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-09 21:50:09.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-09 21:50:09.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-09 21:50:09.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-09 21:50:09.360 [2014-07-09 09:39:40.000000] continuity found: 8148889  
 458213980.000000 q=100  
 2014-07-09 21:50:09.360 [2014-07-09 09:39:40.000000] restoring continuity  
 2014-07-09 21:50:09.360 Sending DT\_OPEN  
 2014-07-09 21:50:09.360 Station: XX-2017  
 2014-07-09 21:50:09.360 Q330 Serial Number: 0100000DB18FC351  
 2014-07-09 21:50:09.360 AMB Serial Number: 0100000B6909DD82  
 2014-07-09 21:50:09.360 Seismo 1 Serial Number: 0000000000000000  
 2014-07-09 21:50:09.360 Seismo 2 Serial Number: 0000000000000000  
 2014-07-09 21:50:09.360 QAPCHP 2 Serial Number: 3743050  
 2014-07-09 21:50:09.360 KMI Property Tag Number: 2017  
 2014-07-09 21:50:09.360 System Software Version: 1.146  
 2014-07-09 21:50:09.360 Slave Processor Version: 1.11  
 2014-07-09 21:50:09.360 Calibrator Type: QCAL330  
 2014-07-09 21:50:09.360 Calibrator Version: 1.8  
 2014-07-09 21:50:09.360 Auxiliary Board Type: None  
 2014-07-09 21:50:09.360 Clock Type: Motorola M12  
 2014-07-09 21:50:09.360 PLD Version: 7.9  
 2014-07-09 21:50:09.360 Total Hours: 67418.30  
 2014-07-09 21:50:09.360 Power On Hours: 32048.69  
 2014-07-09 21:50:09.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-09 21:50:09.360 Total Number of Boots: 120  
 2014-07-09 21:50:09.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-09 21:50:09.360 Total Number of Re-Syncs: 213  
 2014-07-09 21:50:09.360 Status Inputs: 00000000  
 2014-07-09 21:50:09.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-09 21:50:09.360 Clock Quality: 100%

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2014-07-09 21:50:09.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-09 21:50:09.360 Clock Phase: 0 usec. max allowed=50000
2014-07-09 21:50:09.360 Boom positions:
2014-07-09 21:50:09.360 ch1: -2 ch2: -1 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2014-07-09 21:50:09.360 Analog Status
2014-07-09 21:50:09.360 Analog Positive Supply: 5.46V
2014-07-09 21:50:09.360 Input Voltage: 13.35V
2014-07-09 21:50:09.360 System Temperature: 5C
2014-07-09 21:50:09.360 Main Current: 62ma
2014-07-09 21:50:09.360 Antenna Current: 0ma
2014-07-09 21:50:09.360 GPS Status
2014-07-09 21:50:09.360 Time: 21:50:08
2014-07-09 21:50:09.360 Date:
2014-07-09 21:50:09.360 Fix Type: 1-D
2014-07-09 21:50:09.360 Height:
2014-07-09 21:50:09.360 Latitude:
2014-07-09 21:50:09.360 Longitude:
2014-07-09 21:50:09.360 On Time: 0min
2014-07-09 21:50:09.360 Sat. Used: 0
2014-07-09 21:50:09.360 In View: 0
2014-07-09 21:50:09.360 Checksum Errors: 0
2014-07-09 21:50:09.360 Last GPS timemark: 2014-07-09 21:50:07
2014-07-09 21:50:09.360 PLL Status
2014-07-09 21:50:09.360 State: Lock
2014-07-09 21:50:09.360 Initial VCO: 2200.124512
2014-07-09 21:50:09.360 Time Error: 0.000000
2014-07-09 21:50:09.360 RMS VCO: 0.0000000
2014-07-09 21:50:09.360 Best VCO: 2200.01
2014-07-09 21:50:09.360 Seconds Since Track or Lock: 0.0
2014-07-09 21:50:09.360 Vco Control: 2201
2014-07-09 21:50:09.360 timing mode: external seascan
2014-07-09 21:50:09.360 tempco normal
2014-07-09 21:50:09.360 PLL update: 10s PLL lock criterion: 5us
2014-07-09 21:50:09.360 Pfrac: 150.00
2014-07-09 21:50:09.360 VCO slope: -0.0175000
2014-07-09 21:50:09.360 VCO intercept: 7.1100001
2014-07-09 21:50:09.360 Km delta: 600.0000000
2014-07-09 21:50:09.360 Logical Port 4 Status
2014-07-09 21:50:09.360 Data Packets Sent: 9212351
2014-07-09 21:50:09.360 Flood Packets Sent: 0
2014-07-09 21:50:09.360 Packets Re-Sent: 13819
2014-07-09 21:50:09.360 Sequence Errors: 0
2014-07-09 21:50:09.360 Packet Buffer Used: 21899076
2014-07-09 21:50:09.360 Physical Port: Ethernet
2014-07-09 21:50:09.360 Baler Model: 14 Software Version: 2.28
2014-07-09 21:50:09.360 MAC Address: 00:04:FB:00:02:EA
2014-07-09 21:50:09.360 Disk Size: 20000669696
2014-07-09 21:50:09.360 Percent of 1177 data files in use: 19.1
2014-07-09 21:50:09.360 Channels Enabled: 1234 Preamps ON channels:
2014-07-09 21:50:09.360 Channel Sensitivities (uV per count):
2014-07-09 21:50:09.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-09 21:50:09.360 Digitizer Calibration Results:
2014-07-09 21:50:09.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-09 21:50:09.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-09 21:50:09.360 DMU1 Software Version=10
2014-07-09 21:50:09.360 Supply Voltage=12.7
2014-07-09 21:50:09.360 Supply Current=0.40
2014-07-09 21:50:09.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-09 21:50:09.360 WebLink Data Maps Restored
2014-07-09 21:50:09.360 [2014-07-09 09:39:40.000000] sequence resumes overlapping:
8148889 to 8148888
2014-07-09 21:50:09.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-07-09 21:50:08

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2014-07-09 21:55:37.980 Reducing Status Polling Interval  
 2014-07-09 21:55:37.980 [2014-07-09 21:55:37.999998] total packets received: 46892  
 2014-07-09 21:55:37.980 [2014-07-09 21:55:37.999998] command timeouts: 6  
 2014-07-09 21:55:37.980 [2014-07-09 21:55:37.999998] out of window: 70  
 2014-07-09 21:55:37.980 written: HHZ-1153 HH1-1335 HH2-1358 BDH-440 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-07-09 21:55:37.980 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-07-09 21:55:37.980 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2  
 2014-07-09 21:55:37.980 [2014-07-09 21:55:37.999998] Done: 4428 recs. seq end:  
 8193047. run: 324 s  
 2014-07-10 09:56:31.310  
 2014-07-10 09:56:31.310 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-10 09:56:31.310 Control Port 2491 Opened  
 2014-07-10 09:56:31.310 Baler ready on Ethernet  
 2014-07-10 09:56:31.310 Power Cycled Baler Acknowledged  
 2014-07-10 09:56:31.310 Commands Accepted by Q330  
 2014-07-10 09:56:31.310 Access timeout: 300 sec  
 2014-07-10 09:56:31.310 Control Port 4023 Opened  
 2014-07-10 09:56:31.310 Data Port 4024 Opened  
 2014-07-10 09:56:31.310 Registered with Q330  
 2014-07-10 09:56:31.310 Combination Record Received  
 2014-07-10 09:56:31.310 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-10 09:56:31.310 Link Reset, starting window sequence: 17591  
 2014-07-10 09:56:31.310 GPS Receiver ID Received  
 2014-07-10 09:56:31.310 Manufacturer's Data Received, Property Tag=2017  
 2014-07-10 09:56:31.310 Digitizer Gain & Offsets Received  
 2014-07-10 09:56:31.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4428 recs.  
 seq end: 8193047  
 2014-07-10 09:56:31.310 Baler clock set to 2014-07-10 09:56:30  
 2014-07-10 09:56:31.310 Starting to Read DP Tokens  
 2014-07-10 09:56:31.310 DP Tokens loaded, size=1474 bytes  
 2014-07-10 09:56:31.310 Webserver advertising 192.168.200.119:5380  
 2014-07-10 09:56:31.310 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-10 09:56:31.310 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-10 09:56:31.310 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-10 09:56:31.310 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-10 09:56:31.310 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-10 09:56:31.310 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-10 09:56:31.310 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-10 09:56:31.310 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-10 09:56:31.310 [2014-07-09 21:55:37.999998] continuity found: 8193047  
 458258138.000000 Q=100  
 2014-07-10 09:56:31.310 [2014-07-09 21:55:37.999998] restoring continuity  
 2014-07-10 09:56:31.310 Sending DT\_OPEN  
 2014-07-10 09:56:31.310 Station: XX-2017  
 2014-07-10 09:56:31.310 Q330 Serial Number: 0100000DB18FC351  
 2014-07-10 09:56:31.310 AMB Serial Number: 0100000B6909DD82  
 2014-07-10 09:56:31.310 Seismo 1 Serial Number: 0000000000000000  
 2014-07-10 09:56:31.310 Seismo 2 Serial Number: 0000000000000000  
 2014-07-10 09:56:31.310 QAPCHP 1 Serial Number: 4643206  
 2014-07-10 09:56:31.310 QAPCHP 2 Serial Number: 3743050  
 2014-07-10 09:56:31.310 KMI Property Tag Number: 2017  
 2014-07-10 09:56:31.310 System Software Version: 1.146  
 2014-07-10 09:56:31.310 Slave Processor Version: 1.11  
 2014-07-10 09:56:31.310 Calibrator Type: QCAL330  
 2014-07-10 09:56:31.310 Calibrator Version: 1.8  
 2014-07-10 09:56:31.310 Auxiliary Board Type: None  
 2014-07-10 09:56:31.310 Clock Type: Motorola M12  
 2014-07-10 09:56:31.310 PLD Version: 7.9  
 2014-07-10 09:56:31.310 Total Hours: 67430.41  
 2014-07-10 09:56:31.310 Power On Hours: 32060.79  
 2014-07-10 09:56:31.310 Time of Last Boot: 2014-04-06 02:03:58

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2014-07-10 09:56:31.310 Total Number of Boots: 120  
 2014-07-10 09:56:31.310 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-10 09:56:31.310 Total Number of Re-Syncs: 213  
 2014-07-10 09:56:31.310 Status Inputs: 00000000  
 2014-07-10 09:56:31.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-10 09:56:31.310 Clock Quality: 100%  
 2014-07-10 09:56:31.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-10 09:56:31.310 Clock Phase: 0 usec. max allowed=50000  
 2014-07-10 09:56:31.310 Boom positions:  
 2014-07-10 09:56:31.310 Ch1: -2 Ch2: -1 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-10 09:56:31.310 Analog Status  
 2014-07-10 09:56:31.310 Analog Positive Supply: 5.46V  
 2014-07-10 09:56:31.310 Input Voltage: 13.35V  
 2014-07-10 09:56:31.310 System Temperature: 5C  
 2014-07-10 09:56:31.310 Main Current: 61ma  
 2014-07-10 09:56:31.310 Antenna Current: 0ma  
 2014-07-10 09:56:31.310 GPS Status  
 2014-07-10 09:56:31.310 Time: 09:56:30  
 2014-07-10 09:56:31.310 Date:  
 2014-07-10 09:56:31.310 Fix Type: 1-D  
 2014-07-10 09:56:31.310 Height:  
 2014-07-10 09:56:31.310 Latitude:  
 2014-07-10 09:56:31.310 Longitude:  
 2014-07-10 09:56:31.310 On Time: 0min  
 2014-07-10 09:56:31.310 Sat. Used: 0  
 2014-07-10 09:56:31.310 In View: 0  
 2014-07-10 09:56:31.310 Checksum Errors: 0  
 2014-07-10 09:56:31.310 Last GPS timemark: 2014-07-10 09:56:29  
 2014-07-10 09:56:31.310 PLL Status  
 2014-07-10 09:56:31.310 State: Lock  
 2014-07-10 09:56:31.310 Initial VCO: 2200.787354  
 2014-07-10 09:56:31.310 Time Error: 0.000000  
 2014-07-10 09:56:31.310 RMS VCO: 0.0000000  
 2014-07-10 09:56:31.310 Best VCO: 2200.79  
 2014-07-10 09:56:31.310 Seconds Since Track or Lock: 0.0  
 2014-07-10 09:56:31.310 Vco Control: 2201  
 2014-07-10 09:56:31.310 timing mode: external seascan  
 2014-07-10 09:56:31.310 tempco normal  
 2014-07-10 09:56:31.310 PLL update: 10s PLL lock criterion: 5us  
 2014-07-10 09:56:31.310 Pfrac: 150.00  
 2014-07-10 09:56:31.310 VCO slope: -0.0175000  
 2014-07-10 09:56:31.310 VCO intercept: 7.1100001  
 2014-07-10 09:56:31.310 km delta: 600.0000000  
 2014-07-10 09:56:31.310 Logical Port 4 Status  
 2014-07-10 09:56:31.310 Data Packets Sent: 9259143  
 2014-07-10 09:56:31.310 Flood Packets Sent: 0  
 2014-07-10 09:56:31.310 Packets Re-Sent: 13907  
 2014-07-10 09:56:31.310 Sequence Errors: 0  
 2014-07-10 09:56:31.310 Packet Buffer Used: 21524356  
 2014-07-10 09:56:31.310 Physical Port: Ethernet  
 2014-07-10 09:56:31.310 Baler Model: 14 Software Version: 2.28  
 2014-07-10 09:56:31.310 MAC Address: 00:04:FB:00:02:EA  
 2014-07-10 09:56:31.310 Disk Size: 20000669696  
 2014-07-10 09:56:31.310 Percent of 1177 data files in use: 19.1  
 2014-07-10 09:56:31.310 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-10 09:56:31.310 Channel Sensitivities (uV per count):  
 2014-07-10 09:56:31.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-10 09:56:31.310 Digitizer Calibration Results:  
 2014-07-10 09:56:31.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-10 09:56:31.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-10 09:56:31.310 DMU1 Software Version=10  
 2014-07-10 09:56:31.310 Supply Voltage=12.7  
 2014-07-10 09:56:31.310 Supply Current=0.41

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2014-07-10 09:56:31.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-10 09:56:31.310 WebLink Data Maps Restored
2014-07-10 09:56:31.310 [2014-07-09 21:55:37.999998] sequence resumes: 8193047 to
8193047
2014-07-10 09:56:31.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-10 09:56:30
2014-07-10 09:56:31.310 [2014-07-10 00:00:00.000000] saving Configuration to Backup
Memory
2014-07-10 10:01:58.070 Reducing Status Polling Interval
2014-07-10 10:01:58.070 [2014-07-10 10:01:57.999998] total packets received: 44456
2014-07-10 10:01:58.070 [2014-07-10 10:01:57.999998] command timeouts: 6
2014-07-10 10:01:58.070 [2014-07-10 10:01:57.999998] out of window: 69
2014-07-10 10:01:58.070 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-10 10:01:58.070 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-10 10:01:58.070 [2014-07-10 10:01:57.999998] Done: 4353 recs. seq end:
8236627. run: 321 s
2014-07-10 22:02:52.390
2014-07-10 22:02:52.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-10 22:02:52.390 Control Port 2491 Opened
2014-07-10 22:02:52.390 Baler ready on Ethernet
2014-07-10 22:02:52.390 Power Cycled Baler Acknowledged
2014-07-10 22:02:52.390 Commands Accepted by Q330
2014-07-10 22:02:52.390 Access timeout: 300 sec
2014-07-10 22:02:52.390 Control Port 4023 Opened
2014-07-10 22:02:52.390 Data Port 4024 Opened
2014-07-10 22:02:52.390 Registered with Q330
2014-07-10 22:02:52.390 Combination Record Received
2014-07-10 22:02:52.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-10 22:02:52.390 Link Reset, starting window sequence: 61943
2014-07-10 22:02:52.390 GPS Receiver ID Received
2014-07-10 22:02:52.390 Manufacturer's Data Received, Property Tag=2017
2014-07-10 22:02:52.390 Digitizer Gain & Offsets Received
2014-07-10 22:02:52.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4353 recs.
seq end: 8236627
2014-07-10 22:02:52.390 Baler clock set to 2014-07-10 22:02:51
2014-07-10 22:02:52.390 Starting to Read DP Tokens
2014-07-10 22:02:52.390 DP Tokens loaded, size=1474 bytes
2014-07-10 22:02:52.390 Webserver advertising 192.168.200.119:5380
2014-07-10 22:02:52.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-10 22:02:52.390 filters & delay HH1:2@100,Linear all=0.320000
2014-07-10 22:02:52.390 filters & delay HH2:3@100,Linear all=0.320000
2014-07-10 22:02:52.390 filters & delay BDH:4@20,Linear all=1.650000
2014-07-10 22:02:52.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-10 22:02:52.390 filters & delay LH1:2@1,Linear all=15.000000
2014-07-10 22:02:52.390 filters & delay LH2:3@1,Linear all=15.000000
2014-07-10 22:02:52.390 filters & delay LDH:4@1,Linear all=15.000000
2014-07-10 22:02:52.390 [2014-07-10 10:01:57.999998] continuity found: 8236627
458301718.000000 Q=100
2014-07-10 22:02:52.390 [2014-07-10 10:01:57.999998] restoring continuity
2014-07-10 22:02:52.390 Sending DT_OPEN
2014-07-10 22:02:52.390 Station: XX-2017
2014-07-10 22:02:52.390 Q330 Serial Number: 0100000DB18FC351
2014-07-10 22:02:52.390 AMB Serial Number: 0100000B6909DD82
2014-07-10 22:02:52.390 Seismo 1 Serial Number: 0000000000000000
2014-07-10 22:02:52.390 Seismo 2 Serial Number: 0000000000000000
2014-07-10 22:02:52.390 QAPCHP 1 Serial Number: 4643206
2014-07-10 22:02:52.390 QAPCHP 2 Serial Number: 3743050
2014-07-10 22:02:52.390 KMI Property Tag Number: 2017
2014-07-10 22:02:52.390 System Software Version: 1.146
2014-07-10 22:02:52.390 Slave Processor Version: 1.11
2014-07-10 22:02:52.390 Calibrator Type: QCAL330
2014-07-10 22:02:52.390 Calibrator Version: 1.8

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2014-07-10 22:02:52.390 Auxiliary Board Type: None  
 2014-07-10 22:02:52.390 Clock Type: Motorola M12  
 2014-07-10 22:02:52.390 PLD Version: 7.9  
 2014-07-10 22:02:52.390 Total Hours: 67442.51  
 2014-07-10 22:02:52.390 Power On Hours: 32072.90  
 2014-07-10 22:02:52.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-10 22:02:52.390 Total Number of Boots: 120  
 2014-07-10 22:02:52.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-10 22:02:52.390 Total Number of Re-Syncs: 213  
 2014-07-10 22:02:52.390 Status Inputs: 00000000  
 2014-07-10 22:02:52.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-10 22:02:52.390 Clock Quality: 100%  
 2014-07-10 22:02:52.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-10 22:02:52.390 Clock Phase: 1 usec. max allowed=50000  
 2014-07-10 22:02:52.390 Boom positions:  
 2014-07-10 22:02:52.390 ch1: -2 ch2: -1 ch3: 3 ch4: 20 ch5: 20 ch6: 20  
 2014-07-10 22:02:52.390 Analog Status  
 2014-07-10 22:02:52.390 Analog Positive Supply: 5.46V  
 2014-07-10 22:02:52.390 Input Voltage: 13.35V  
 2014-07-10 22:02:52.390 System Temperature: 5C  
 2014-07-10 22:02:52.390 Main Current: 61ma  
 2014-07-10 22:02:52.390 Antenna Current: 0ma  
 2014-07-10 22:02:52.390 GPS Status  
 2014-07-10 22:02:52.390 Time: 22:02:51  
 2014-07-10 22:02:52.390 Date:  
 2014-07-10 22:02:52.390 Fix Type: 1-D  
 2014-07-10 22:02:52.390 Height:  
 2014-07-10 22:02:52.390 Latitude:  
 2014-07-10 22:02:52.390 Longitude:  
 2014-07-10 22:02:52.390 On Time: 0min  
 2014-07-10 22:02:52.390 Sat. Used: 0  
 2014-07-10 22:02:52.390 In View: 0  
 2014-07-10 22:02:52.390 Checksum Errors: 0  
 2014-07-10 22:02:52.390 Last GPS timemark: 2014-07-10 22:02:50  
 2014-07-10 22:02:52.390 PLL Status  
 2014-07-10 22:02:52.390 State: Lock  
 2014-07-10 22:02:52.390 Initial VCO: 2201.241699  
 2014-07-10 22:02:52.390 Time Error: 0.000000  
 2014-07-10 22:02:52.390 RMS VCO: 0.0000000  
 2014-07-10 22:02:52.390 Best VCO: 2201.28  
 2014-07-10 22:02:52.390 Seconds Since Track or Lock: 0.0  
 2014-07-10 22:02:52.390 Vco Control: 2201  
 2014-07-10 22:02:52.390 timing mode: external seascan  
 2014-07-10 22:02:52.390 tempco normal  
 2014-07-10 22:02:52.390 PLL update: 10s PLL lock criterion: 5us  
 2014-07-10 22:02:52.390 Pfrac: 150.00  
 2014-07-10 22:02:52.390 VCO slope: -0.0175000  
 2014-07-10 22:02:52.390 VCO intercept: 7.1100001  
 2014-07-10 22:02:52.390 km delta: 600.0000000  
 2014-07-10 22:02:52.390 Logical Port 4 Status  
 2014-07-10 22:02:52.390 Data Packets Sent: 9303500  
 2014-07-10 22:02:52.390 Flood Packets Sent: 0  
 2014-07-10 22:02:52.390 Packets Re-Sent: 13993  
 2014-07-10 22:02:52.390 Sequence Errors: 0  
 2014-07-10 22:02:52.390 Packet Buffer Used: 21270172  
 2014-07-10 22:02:52.390 Physical Port: Ethernet  
 2014-07-10 22:02:52.390 Baler Model: 14 Software Version: 2.28  
 2014-07-10 22:02:52.390 MAC Address: 00:04:FB:00:02:EA  
 2014-07-10 22:02:52.390 Disk Size: 20000669696  
 2014-07-10 22:02:52.390 Percent of 1177 data files in use: 19.4  
 2014-07-10 22:02:52.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-10 22:02:52.390 Channel sensitivities (uV per count):  
 2014-07-10 22:02:52.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2014-07-10 22:02:52.390 Digitizer Calibration Results:
2014-07-10 22:02:52.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-10 22:02:52.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-10 22:02:52.390 DMU1 Software Version=10
2014-07-10 22:02:52.390 Supply Voltage=12.7
2014-07-10 22:02:52.390 Supply Current=0.41
2014-07-10 22:02:52.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-10 22:02:52.390 WebLink Data Maps Restored
2014-07-10 22:02:52.390 [2014-07-10 10:01:57.999998] sequence resumes: 8236627 to
8236627
2014-07-10 22:02:52.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-10 22:02:51
2014-07-10 22:08:01.070 [2014-07-10 22:04:18.000000] total packets received: 44261
2014-07-10 22:08:01.070 [2014-07-10 22:04:18.000000] command timeouts: 6
2014-07-10 22:08:01.070 [2014-07-10 22:04:18.000000] out of window: 51
2014-07-10 22:08:01.070 written: HHZ-1118 HH1-1269 HH2-1311 BDH-428 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-07-10 22:08:01.070 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-07-10 22:08:01.070 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-10 22:08:01.070 [2014-07-10 22:04:18.000000] Done: 4259 recs. seq end:
8279967. run: 305 s
2014-07-11 10:08:56.320
2014-07-11 10:08:56.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-11 10:08:56.320 Control Port 2491 Opened
2014-07-11 10:08:56.320 Baler ready on Ethernet
2014-07-11 10:08:56.320 Power Cycled Baler Acknowledged
2014-07-11 10:08:56.320 Commands Accepted by Q330
2014-07-11 10:08:56.320 Access timeout: 300 sec
2014-07-11 10:08:56.320 Control Port 4023 Opened
2014-07-11 10:08:56.320 Data Port 4024 Opened
2014-07-11 10:08:56.320 Registered with Q330
2014-07-11 10:08:56.320 Combination Record Received
2014-07-11 10:08:56.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-11 10:08:56.320 Link Reset, starting window sequence: 40583
2014-07-11 10:08:56.320 GPS Receiver ID Received
2014-07-11 10:08:56.320 Manufacturer's Data Received, Property Tag=2017
2014-07-11 10:08:56.320 Digitizer Gain & Offsets Received
2014-07-11 10:08:56.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4259 recs.
seq end: 8279967
2014-07-11 10:08:56.320 Baler clock set to 2014-07-11 10:08:55
2014-07-11 10:08:56.320 Starting to Read DP Tokens
2014-07-11 10:08:56.320 DP Tokens loaded, size=1474 bytes
2014-07-11 10:08:56.320 Webserver advertising 192.168.200.119:5380
2014-07-11 10:08:56.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-11 10:08:56.320 filters & delay HH1:2@100,Linear all=0.320000
2014-07-11 10:08:56.320 filters & delay HH2:3@100,Linear all=0.320000
2014-07-11 10:08:56.320 filters & delay BDH:4@20,Linear all=1.650000
2014-07-11 10:08:56.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-11 10:08:56.320 filters & delay LH1:2@1,Linear all=15.000000
2014-07-11 10:08:56.320 filters & delay LH2:3@1,Linear all=15.000000
2014-07-11 10:08:56.320 filters & delay LDH:4@1,Linear all=15.000000
2014-07-11 10:08:56.320 [2014-07-10 22:04:18.000000] continuity found: 8279967
458345058.000000 Q=100
2014-07-11 10:08:56.320 [2014-07-10 22:04:18.000000] restoring continuity
2014-07-11 10:08:56.320 Sending DT_OPEN
2014-07-11 10:08:56.320 Station: XX-2017
2014-07-11 10:08:56.320 Q330 Serial Number: 0100000DB18FC351
2014-07-11 10:08:56.320 AMB Serial Number: 0100000B6909DD82
2014-07-11 10:08:56.320 Seismo 1 Serial Number: 0000000000000000
2014-07-11 10:08:56.320 Seismo 2 Serial Number: 0000000000000000
2014-07-11 10:08:56.320 QAPCHP 1 Serial Number: 4643206
2014-07-11 10:08:56.320 QAPCHP 2 Serial Number: 3743050

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2014-07-11 10:08:56.320 KMI Property Tag Number: 2017  
 2014-07-11 10:08:56.320 System Software Version: 1.146  
 2014-07-11 10:08:56.320 Slave Processor Version: 1.11  
 2014-07-11 10:08:56.320 Calibrator Type: QCAL330  
 2014-07-11 10:08:56.320 Calibrator Version: 1.8  
 2014-07-11 10:08:56.320 Auxiliary Board Type: None  
 2014-07-11 10:08:56.320 Clock Type: Motorola M12  
 2014-07-11 10:08:56.320 PLD Version: 7.9  
 2014-07-11 10:08:56.320 Total Hours: 67454.61  
 2014-07-11 10:08:56.320 Power On Hours: 32085.00  
 2014-07-11 10:08:56.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-11 10:08:56.320 Total Number of Boots: 120  
 2014-07-11 10:08:56.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-11 10:08:56.320 Total Number of Re-Syncs: 213  
 2014-07-11 10:08:56.320 Status Inputs: 00000000  
 2014-07-11 10:08:56.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-07-11 10:08:56.320 Clock Quality: 100%  
 2014-07-11 10:08:56.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-11 10:08:56.320 Clock Phase: 0 usec. max allowed=50000  
 2014-07-11 10:08:56.320 Boom positions:  
 2014-07-11 10:08:56.320 ch1: -2 ch2: -2 ch3: 3 ch4: 20 ch5: 20 ch6: 20  
 2014-07-11 10:08:56.320 Analog Status  
 2014-07-11 10:08:56.320 Analog Positive Supply: 5.46V  
 2014-07-11 10:08:56.320 Input Voltage: 13.20V  
 2014-07-11 10:08:56.320 System Temperature: 5C  
 2014-07-11 10:08:56.320 Main Current: 62ma  
 2014-07-11 10:08:56.320 Antenna Current: 0ma  
 2014-07-11 10:08:56.320 GPS Status  
 2014-07-11 10:08:56.320 Time: 10:08:55  
 2014-07-11 10:08:56.320 Date:  
 2014-07-11 10:08:56.320 Fix Type: 1-D  
 2014-07-11 10:08:56.320 Height:  
 2014-07-11 10:08:56.320 Latitude:  
 2014-07-11 10:08:56.320 Longitude:  
 2014-07-11 10:08:56.320 On Time: 0min  
 2014-07-11 10:08:56.320 Sat. Used: 0  
 2014-07-11 10:08:56.320 In View: 0  
 2014-07-11 10:08:56.320 Checksum Errors: 0  
 2014-07-11 10:08:56.320 Last GPS timemark: 2014-07-11 10:08:54  
 2014-07-11 10:08:56.320 State: Lock  
 2014-07-11 10:08:56.320 Initial VCO: 2201.163086  
 2014-07-11 10:08:56.320 Time Error: -0.000001  
 2014-07-11 10:08:56.320 RMS VCO: 0.0000000  
 2014-07-11 10:08:56.320 Best VCO: 2201.27  
 2014-07-11 10:08:56.320 Seconds Since Track or Lock: 0.0  
 2014-07-11 10:08:56.320 vco Control: 2202  
 2014-07-11 10:08:56.320 timing mode: external seascan  
 2014-07-11 10:08:56.320 tempco normal  
 2014-07-11 10:08:56.320 PLL update: 10s PLL lock criterion: 5us  
 2014-07-11 10:08:56.320 Pfrac: 150.00  
 2014-07-11 10:08:56.320 VCO slope: -0.0175000  
 2014-07-11 10:08:56.320 VCO intercept: 7.1100001  
 2014-07-11 10:08:56.320 Km delta: 600.0000000  
 2014-07-11 10:08:56.320 Logical Port 4 Status  
 2014-07-11 10:08:56.320 Data Packets Sent: 9347681  
 2014-07-11 10:08:56.320 Flood Packets Sent: 0  
 2014-07-11 10:08:56.320 Packets Re-Sent: 14062  
 2014-07-11 10:08:56.320 Sequence Errors: 0  
 2014-07-11 10:08:56.320 Packet Buffer Used: 21606040  
 2014-07-11 10:08:56.320 Physical Port: Ethernet  
 2014-07-11 10:08:56.320 Baler Model: 14 Software Version: 2.28  
 2014-07-11 10:08:56.320 MAC Address: 00:04:FB:00:02:EA  
 2014-07-11 10:08:56.320 Disk Size: 20000669696

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2014-07-11 10:08:56.320 Percent of 1177 data files in use: 19.5
2014-07-11 10:08:56.320 Channels Enabled: 1234 Preamps ON channels:
2014-07-11 10:08:56.320 Channel Sensitivities (uV per count):
2014-07-11 10:08:56.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-11 10:08:56.320 Digitizer Calibration Results:
2014-07-11 10:08:56.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-11 10:08:56.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-11 10:08:56.320 DMU1 Software Version=10
2014-07-11 10:08:56.320 Supply Voltage=12.7
2014-07-11 10:08:56.320 Supply Current=0.41
2014-07-11 10:08:56.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-11 10:08:56.320 WebLink Data Maps Restored
2014-07-11 10:08:56.320 [2014-07-10 22:04:18.000000] sequence resumes: 8279967 to
8279967
2014-07-11 10:08:56.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-11 10:08:55
2014-07-11 10:08:56.320 [2014-07-11 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-11 10:14:22.420 Reducing Status Polling Interval
2014-07-11 10:14:22.420 [2014-07-11 10:14:21.999998] total packets received: 49838
2014-07-11 10:14:22.420 [2014-07-11 10:14:21.999998] command timeouts: 6
2014-07-11 10:14:22.420 [2014-07-11 10:14:21.999998] out of window: 65
2014-07-11 10:14:22.420 written: HHZ-1139 HH1-1320 HH2-1328 BDH-432 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-11 10:14:22.420 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-11 10:14:22.420 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-11 10:14:22.420 [2014-07-11 10:14:21.999998] Done: 4361 recs. seq end:
8323771. run: 322 s
2014-07-11 22:15:15.360
2014-07-11 22:15:15.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-11 22:15:15.360 Control Port 2491 Opened
2014-07-11 22:15:15.360 Baler ready on Ethernet
2014-07-11 22:15:15.360 Power Cycled Baler Acknowledged
2014-07-11 22:15:15.360 Commands Accepted by Q330
2014-07-11 22:15:15.360 Access timeout: 300 sec
2014-07-11 22:15:15.360 Control Port 4023 Opened
2014-07-11 22:15:15.360 Data Port 4024 Opened
2014-07-11 22:15:15.360 Registered with Q330
2014-07-11 22:15:15.360 Combination Record Received
2014-07-11 22:15:15.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-11 22:15:15.360 Link Reset, starting window sequence: 24785
2014-07-11 22:15:15.360 GPS Receiver ID Received
2014-07-11 22:15:15.360 Manufacturer's Data Received, Property Tag=2017
2014-07-11 22:15:15.360 Digitizer Gain & Offsets Received
2014-07-11 22:15:15.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4361 recs.
seq end: 8323771
2014-07-11 22:15:15.360 Baler clock set to 2014-07-11 22:15:14
2014-07-11 22:15:15.360 Starting to Read DP Tokens
2014-07-11 22:15:15.360 DP Tokens loaded, size=1474 bytes
2014-07-11 22:15:15.360 Webserver advertising 192.168.200.119:5380
2014-07-11 22:15:15.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-11 22:15:15.360 filters & delay HH1:2@100,Linear all=0.320000
2014-07-11 22:15:15.360 filters & delay HH2:3@100,Linear all=0.320000
2014-07-11 22:15:15.360 filters & delay BDH:4@20,Linear all=1.650000
2014-07-11 22:15:15.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-11 22:15:15.360 filters & delay LH1:2@1,Linear all=15.000000
2014-07-11 22:15:15.360 filters & delay LH2:3@1,Linear all=15.000000
2014-07-11 22:15:15.360 filters & delay LDH:4@1,Linear all=15.000000
2014-07-11 22:15:15.360 [2014-07-11 10:14:21.999998] continuity found: 8323771
458388862.000000 Q=100
2014-07-11 22:15:15.360 [2014-07-11 10:14:21.999998] restoring continuity
2014-07-11 22:15:15.360 Sending DT_OPEN

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2014-07-11 22:15:15.360 Station: XX-2017  
 2014-07-11 22:15:15.360 Q330 Serial Number: 0100000DB18FC351  
 2014-07-11 22:15:15.360 AMB Serial Number: 0100000B6909DD82  
 2014-07-11 22:15:15.360 Seismo 1 Serial Number: 0000000000000000  
 2014-07-11 22:15:15.360 Seismo 2 Serial Number: 0000000000000000  
 2014-07-11 22:15:15.360 QAPCHP 1 Serial Number: 4643206  
 2014-07-11 22:15:15.360 QAPCHP 2 Serial Number: 3743050  
 2014-07-11 22:15:15.360 KMI Property Tag Number: 2017  
 2014-07-11 22:15:15.360 System Software Version: 1.146  
 2014-07-11 22:15:15.360 Slave Processor Version: 1.11  
 2014-07-11 22:15:15.360 Calibrator Type: QCAL330  
 2014-07-11 22:15:15.360 Calibrator Version: 1.8  
 2014-07-11 22:15:15.360 Auxiliary Board Type: None  
 2014-07-11 22:15:15.360 Clock Type: Motorola M12  
 2014-07-11 22:15:15.360 PLD Version: 7.9  
 2014-07-11 22:15:15.360 Total Hours: 67466.72  
 2014-07-11 22:15:15.360 Power On Hours: 32097.10  
 2014-07-11 22:15:15.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-11 22:15:15.360 Total Number of Boots: 120  
 2014-07-11 22:15:15.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-11 22:15:15.360 Total Number of Re-Syncs: 213  
 2014-07-11 22:15:15.360 Status Inputs: 00000000  
 2014-07-11 22:15:15.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-11 22:15:15.360 Clock Quality: 100%  
 2014-07-11 22:15:15.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-11 22:15:15.360 Clock Phase: 0 usec. max allowed=50000  
 2014-07-11 22:15:15.360 Boom positions:  
 2014-07-11 22:15:15.360 ch1: -2 ch2: -2 ch3: 3 ch4: 20 ch5: 20 ch6: 20  
 2014-07-11 22:15:15.360 Analog Status  
 2014-07-11 22:15:15.360 Analog Positive Supply: 5.46V  
 2014-07-11 22:15:15.360 Input Voltage: 13.20V  
 2014-07-11 22:15:15.360 System Temperature: 5C  
 2014-07-11 22:15:15.360 Main Current: 63ma  
 2014-07-11 22:15:15.360 Antenna Current: 0ma  
 2014-07-11 22:15:15.360 GPS Status  
 2014-07-11 22:15:15.360 Time: 22:15:13  
 2014-07-11 22:15:15.360 Date:  
 2014-07-11 22:15:15.360 Fix Type: 1-D  
 2014-07-11 22:15:15.360 Height:  
 2014-07-11 22:15:15.360 Latitude:  
 2014-07-11 22:15:15.360 Longitude:  
 2014-07-11 22:15:15.360 On Time: 0min  
 2014-07-11 22:15:15.360 Sat. Used: 0  
 2014-07-11 22:15:15.360 In View: 0  
 2014-07-11 22:15:15.360 Checksum Errors: 0  
 2014-07-11 22:15:15.360 Last GPS timemark: 2014-07-11 22:15:12  
 2014-07-11 22:15:15.360 PLL Status  
 2014-07-11 22:15:15.360 State: Lock  
 2014-07-11 22:15:15.360 Initial VCO: 2201.047852  
 2014-07-11 22:15:15.360 Time Error: 0.000000  
 2014-07-11 22:15:15.360 RMS VCO: 0.0000000  
 2014-07-11 22:15:15.360 Best VCO: 2201.24  
 2014-07-11 22:15:15.360 Seconds Since Track or Lock: 0.0  
 2014-07-11 22:15:15.360 Vco Control: 2201  
 2014-07-11 22:15:15.360 timing mode: external seascan  
 2014-07-11 22:15:15.360 tempco normal  
 2014-07-11 22:15:15.360 PLL update: 10s PLL lock criterion: 5us  
 2014-07-11 22:15:15.360 Pfrac: 150.00  
 2014-07-11 22:15:15.360 VCO slope: -0.0175000  
 2014-07-11 22:15:15.360 VCO intercept: 7.1100001  
 2014-07-11 22:15:15.360 km delta: 600.0000000  
 2014-07-11 22:15:15.360 Logical Port 4 Status  
 2014-07-11 22:15:15.360 Data Packets Sent: 9397424

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2014-07-11 22:15:15.360 Flood Packets Sent: 0
2014-07-11 22:15:15.360 Packets Re-Sent: 14141
2014-07-11 22:15:15.360 Sequence Errors: 0
2014-07-11 22:15:15.360 Packet Buffer Used: 22398348
2014-07-11 22:15:15.360 Physical Port: Ethernet
2014-07-11 22:15:15.360 Baler Model: 14 Software Version: 2.28
2014-07-11 22:15:15.360 MAC Address: 00:04:FB:00:02:EA
2014-07-11 22:15:15.360 Disk Size: 20000669696
2014-07-11 22:15:15.360 Percent of 1177 data files in use: 19.5
2014-07-11 22:15:15.360 Channels Enabled: 1234 Preamps ON channels:
2014-07-11 22:15:15.360 Channel Sensitivities (uV per count):
2014-07-11 22:15:15.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-11 22:15:15.360 Digitizer Calibration Results:
2014-07-11 22:15:15.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-11 22:15:15.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-11 22:15:15.360 DMU1 Software Version=10
2014-07-11 22:15:15.360 Supply Voltage=12.7
2014-07-11 22:15:15.360 Supply Current=0.41
2014-07-11 22:15:15.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-11 22:15:15.360 webLink Data Maps Restored
2014-07-11 22:15:15.360 [2014-07-11 10:14:21.999998] sequence resumes: 8323771 to
8323771
2014-07-11 22:15:15.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-11 22:15:14
2014-07-11 22:20:53.650 Reducing Status Polling Interval
2014-07-11 22:20:53.650 [2014-07-11 22:20:51.999998] total packets received: 57920
2014-07-11 22:20:53.650 [2014-07-11 22:20:51.999998] command timeouts: 6
2014-07-11 22:20:53.650 [2014-07-11 22:20:51.999998] out of window: 63
2014-07-11 22:20:53.650 written: HHZ-1176 HH1-1472 HH2-1346 BDH-420 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-11 22:20:53.650 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-23 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-11 22:20:53.650 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-07-11 22:20:53.650 [2014-07-11 22:20:51.999998] Done: 4550 recs. seq end:
8367361. run: 335 s
2014-07-12 10:21:45.390
2014-07-12 10:21:45.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-12 10:21:45.390 Control Port 2491 Opened
2014-07-12 10:21:45.390 Baler ready on Ethernet
2014-07-12 10:21:45.390 Power Cycled Baler Acknowledged
2014-07-12 10:21:45.390 Commands Accepted by Q330
2014-07-12 10:21:45.390 Access timeout: 300 sec
2014-07-12 10:21:45.390 Control Port 4023 Opened
2014-07-12 10:21:45.390 Data Port 4024 Opened
2014-07-12 10:21:45.390 Registered with Q330
2014-07-12 10:21:45.390 Combination Record Received
2014-07-12 10:21:45.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-12 10:21:45.390 Link Reset, starting window sequence: 17070
2014-07-12 10:21:45.390 GPS Receiver ID Received
2014-07-12 10:21:45.390 Manufacturer's Data Received, Property Tag=2017
2014-07-12 10:21:45.390 Digitizer Gain & Offsets Received
2014-07-12 10:21:45.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4549 recs.
seq end: 8367361
2014-07-12 10:21:45.390 Baler clock set to 2014-07-12 10:21:44
2014-07-12 10:21:45.390 Starting to Read DP Tokens
2014-07-12 10:21:45.390 DP Tokens loaded, size=1474 bytes
2014-07-12 10:21:45.390 webserver advertising 192.168.200.119:5380
2014-07-12 10:21:45.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-12 10:21:45.390 filters & delay HH1:2@100,Linear all=0.320000
2014-07-12 10:21:45.390 filters & delay HH2:3@100,Linear all=0.320000
2014-07-12 10:21:45.390 filters & delay BDH:4@20,Linear all=1.650000
2014-07-12 10:21:45.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-12 10:21:45.390 filters & delay LH1:2@1,Linear all=15.000000

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2014-07-12 10:21:45.390 filters & delay LDH:4@1,Linear all=15.000000
2014-07-12 10:21:45.390 [2014-07-11 22:20:51.999998] continuity found: 8367361
458432452.000000 q=100
2014-07-12 10:21:45.390 [2014-07-11 22:20:51.999998] restoring continuity
2014-07-12 10:21:45.390 Sending DT_OPEN
2014-07-12 10:21:45.390 Station: XX-2017
2014-07-12 10:21:45.390 Q330 Serial Number: 0100000DB18FC351
2014-07-12 10:21:45.390 AMB Serial Number: 0100000B6909DD82
2014-07-12 10:21:45.390 Seismo 1 Serial Number: 0000000000000000
2014-07-12 10:21:45.390 Seismo 2 Serial Number: 0000000000000000
2014-07-12 10:21:45.390 QAPCHP 1 Serial Number: 4643206
2014-07-12 10:21:45.390 QAPCHP 2 Serial Number: 3743050
2014-07-12 10:21:45.390 KMI Property Tag Number: 2017
2014-07-12 10:21:45.390 System Software Version: 1.146
2014-07-12 10:21:45.390 Slave Processor Version: 1.11
2014-07-12 10:21:45.390 Calibrator Type: QCAL330
2014-07-12 10:21:45.390 Calibrator Version: 1.8
2014-07-12 10:21:45.390 Auxiliary Board Type: None
2014-07-12 10:21:45.390 Clock Type: Motorola M12
2014-07-12 10:21:45.390 PLD Version: 7.9
2014-07-12 10:21:45.390 Total Hours: 67478.83
2014-07-12 10:21:45.390 Power On Hours: 32109.21
2014-07-12 10:21:45.390 Time of Last Boot: 2014-04-06 02:03:58
2014-07-12 10:21:45.390 Total Number of Boots: 120
2014-07-12 10:21:45.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-12 10:21:45.390 Total Number of Re-Syncs: 213
2014-07-12 10:21:45.390 Status Inputs: 00000000
2014-07-12 10:21:45.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-07-12 10:21:45.390 Clock Quality: 100%
2014-07-12 10:21:45.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-12 10:21:45.390 Clock Phase: 0 usec. max allowed=50000
2014-07-12 10:21:45.390 Boom positions:
2014-07-12 10:21:45.390 ch1: -2 ch2: -3 ch3: 4 ch4: 20 ch5: 20 ch6: 20
2014-07-12 10:21:45.390 Analog Status
2014-07-12 10:21:45.390 Analog Positive Supply: 5.46v
2014-07-12 10:21:45.390 Input Voltage: 13.20V
2014-07-12 10:21:45.390 System Temperature: 5C
2014-07-12 10:21:45.390 Main Current: 62ma
2014-07-12 10:21:45.390 Antenna Current: 0ma
2014-07-12 10:21:45.390 GPS Status
2014-07-12 10:21:45.390 Time: 10:21:44
2014-07-12 10:21:45.390 Date:
2014-07-12 10:21:45.390 Fix Type: 1-D
2014-07-12 10:21:45.390 Height:
2014-07-12 10:21:45.390 Latitude:
2014-07-12 10:21:45.390 Longitude:
2014-07-12 10:21:45.390 On Time: 0min
2014-07-12 10:21:45.390 Sat. Used: 0
2014-07-12 10:21:45.390 In View: 0
2014-07-12 10:21:45.390 Checksum Errors: 0
2014-07-12 10:21:45.390 Last GPS timemark: 2014-07-12 10:21:43
2014-07-12 10:21:45.390 PLL Status
2014-07-12 10:21:45.390 State: Lock
2014-07-12 10:21:45.390 Initial VCO: 2200.904053
2014-07-12 10:21:45.390 Time Error: 0.000000
2014-07-12 10:21:45.390 RMS VCO: 0.0000000
2014-07-12 10:21:45.390 Best VCO: 2200.92
2014-07-12 10:21:45.390 Seconds Since Track or Lock: 0.0
2014-07-12 10:21:45.390 Vco Control: 2201
2014-07-12 10:21:45.390 timing mode: external seascan
2014-07-12 10:21:45.390 tempco normal
2014-07-12 10:21:45.390 PLL update: 10s PLL lock criterion: 5us
2014-07-12 10:21:45.390 Pfrac: 150.00

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2014-07-12 10:21:45.390 VCO slope: -0.0175000  
 2014-07-12 10:21:45.390 VCO intercept: 7.1100001  
 2014-07-12 10:21:45.390 Km delta: 600.0000000  
 2014-07-12 10:21:45.390 Logical Port 4 Status  
 2014-07-12 10:21:45.390 Data Packets Sent: 9455250  
 2014-07-12 10:21:45.390 Flood Packets Sent: 0  
 2014-07-12 10:21:45.390 Packets Re-Sent: 14217  
 2014-07-12 10:21:45.390 Sequence Errors: 0  
 2014-07-12 10:21:45.390 Packet Buffer Used: 21392972  
 2014-07-12 10:21:45.390 Physical Port: Ethernet  
 2014-07-12 10:21:45.390 Baler Model: 14 Software Version: 2.28  
 2014-07-12 10:21:45.390 MAC Address: 00:04:FB:00:02:EA  
 2014-07-12 10:21:45.390 Disk Size: 20000669696  
 2014-07-12 10:21:45.390 Percent of 1177 data files in use: 19.5  
 2014-07-12 10:21:45.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-12 10:21:45.390 Channel sensitivities (uV per count):  
 2014-07-12 10:21:45.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-12 10:21:45.390 Digitizer Calibration Results:  
 2014-07-12 10:21:45.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-12 10:21:45.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-12 10:21:45.390 DMU1 Software Version=10  
 2014-07-12 10:21:45.390 Supply Voltage=12.6  
 2014-07-12 10:21:45.390 Supply Current=0.41  
 2014-07-12 10:21:45.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-12 10:21:45.390 WebLink Data Maps Restored  
 2014-07-12 10:21:45.390 [2014-07-11 22:20:51.999998] sequence resumes: 8367361 to  
 8367361  
 2014-07-12 10:21:45.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-07-12 10:21:44  
 2014-07-12 10:21:45.390 [2014-07-12 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-07-12 10:27:02.530 Reducing Status Polling Interval  
 2014-07-12 10:27:02.530 [2014-07-12 10:27:01.999998] total packets received: 50023  
 2014-07-12 10:27:02.530 [2014-07-12 10:27:01.999998] command timeouts: 6  
 2014-07-12 10:27:02.530 [2014-07-12 10:27:01.999998] out of window: 46  
 2014-07-12 10:27:02.530 written: HHZ-1123 HH1-1323 HH2-1327 BDH-407 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-07-12 10:27:02.530 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-23 LDH-24  
 VMZ-1 VM1-1  
 2014-07-12 10:27:02.530 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-07-12 10:27:02.530 [2014-07-12 10:27:01.999998] Done: 4314 recs. seq end:  
 8410931. run: 314 s  
 2014-07-12 22:27:57.400  
 2014-07-12 22:27:57.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-12 22:27:57.400 Control Port 2491 Opened  
 2014-07-12 22:27:57.400 Baler ready on Ethernet  
 2014-07-12 22:27:57.400 Power Cycled Baler Acknowledged  
 2014-07-12 22:27:57.400 Commands Accepted by Q330  
 2014-07-12 22:27:57.400 Access timeout: 300 sec  
 2014-07-12 22:27:57.400 Control Port 4023 Opened  
 2014-07-12 22:27:57.400 Data Port 4024 Opened  
 2014-07-12 22:27:57.400 Registered with Q330  
 2014-07-12 22:27:57.400 Combination Record Received  
 2014-07-12 22:27:57.400 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-12 22:27:57.400 Link Reset, starting window sequence: 1476  
 2014-07-12 22:27:57.400 GPS Receiver ID Received  
 2014-07-12 22:27:57.400 Manufacturer's Data Received, Property Tag=2017  
 2014-07-12 22:27:57.400 Digitizer Gain & Offsets Received  
 2014-07-12 22:27:57.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4314 recs.  
 seq end: 8410931  
 2014-07-12 22:27:57.400 Baler clock set to 2014-07-12 22:27:56  
 2014-07-12 22:27:57.400 Starting to Read DP Tokens  
 2014-07-12 22:27:57.400 DP Tokens loaded, size=1474 bytes

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2014-07-12 22:27:57.400 webserver advertising 192.168.200.119:5380
2014-07-12 22:27:57.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-12 22:27:57.400 filters & delay HH1:2@100,Linear all=0.320000
2014-07-12 22:27:57.400 filters & delay HH2:3@100,Linear all=0.320000
2014-07-12 22:27:57.400 filters & delay BDH:4@20,Linear all=1.650000
2014-07-12 22:27:57.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-12 22:27:57.400 filters & delay LH1:2@1,Linear all=15.000000
2014-07-12 22:27:57.400 filters & delay LH2:3@1,Linear all=15.000000
2014-07-12 22:27:57.400 filters & delay LDH:4@1,Linear all=15.000000
2014-07-12 22:27:57.400 [2014-07-12 10:27:01.999998] continuity found: 8410931
458476022.000000 Q=100
2014-07-12 22:27:57.400 [2014-07-12 10:27:01.999998] restoring continuity
2014-07-12 22:27:57.400 Sending DT_OPEN
2014-07-12 22:27:57.400 Station: XX-2017
2014-07-12 22:27:57.400 Q330 Serial Number: 0100000DB18FC351
2014-07-12 22:27:57.400 AMB Serial Number: 0100000B6909DD82
2014-07-12 22:27:57.400 Seismo 1 Serial Number: 0000000000000000
2014-07-12 22:27:57.400 Seismo 2 Serial Number: 0000000000000000
2014-07-12 22:27:57.400 QAPCHP 1 Serial Number: 4643206
2014-07-12 22:27:57.400 QAPCHP 2 Serial Number: 3743050
2014-07-12 22:27:57.400 KMI Property Tag Number: 2017
2014-07-12 22:27:57.400 System Software Version: 1.146
2014-07-12 22:27:57.400 Slave Processor Version: 1.11
2014-07-12 22:27:57.400 Calibrator Type: QCAL330
2014-07-12 22:27:57.400 Calibrator Version: 1.8
2014-07-12 22:27:57.400 Auxiliary Board Type: None
2014-07-12 22:27:57.400 Clock Type: Motorola M12
2014-07-12 22:27:57.400 PLD Version: 7.9
2014-07-12 22:27:57.400 Total Hours: 67490.93
2014-07-12 22:27:57.400 Power On Hours: 32121.32
2014-07-12 22:27:57.400 Time of Last Boot: 2014-04-06 02:03:58
2014-07-12 22:27:57.400 Total Number of Boots: 120
2014-07-12 22:27:57.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-12 22:27:57.400 Total Number of Re-Syncs: 213
2014-07-12 22:27:57.400 Status Inputs: 00000000
2014-07-12 22:27:57.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-12 22:27:57.400 Clock Quality: 100%
2014-07-12 22:27:57.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-12 22:27:57.400 Clock Phase: 0 usec. max allowed=50000
2014-07-12 22:27:57.400 Boom positions:
2014-07-12 22:27:57.400 Ch1: -3 Ch2: -3 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-12 22:27:57.400 Analog Status
2014-07-12 22:27:57.400 Analog Positive Supply: 5.46v
2014-07-12 22:27:57.400 Input Voltage: 13.20v
2014-07-12 22:27:57.400 System Temperature: 5C
2014-07-12 22:27:57.400 Main Current: 62ma
2014-07-12 22:27:57.400 Antenna Current: 0ma
2014-07-12 22:27:57.400 GPS Status
2014-07-12 22:27:57.400 Time: 22:27:56
2014-07-12 22:27:57.400 Date:
2014-07-12 22:27:57.400 Fix Type: 1-D
2014-07-12 22:27:57.400 Height:
2014-07-12 22:27:57.400 Latitude:
2014-07-12 22:27:57.400 Longitude:
2014-07-12 22:27:57.400 On Time: 0min
2014-07-12 22:27:57.400 Sat. Used: 0
2014-07-12 22:27:57.400 In View: 0
2014-07-12 22:27:57.400 Checksum Errors: 0
2014-07-12 22:27:57.400 Last GPS timemark: 2014-07-12 22:27:55
2014-07-12 22:27:57.400 PLL Status
2014-07-12 22:27:57.400 State: Lock
2014-07-12 22:27:57.400 Initial VCO: 2200.877686
2014-07-12 22:27:57.400 Time Error: 0.000000

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2014-07-12 22:27:57.400 RMS VCO: 0.0000000  
 2014-07-12 22:27:57.400 Best VCO: 2200.93  
 2014-07-12 22:27:57.400 Seconds Since Track or Lock: 0.0  
 2014-07-12 22:27:57.400 Vco Control: 2201  
 2014-07-12 22:27:57.400 timing mode: external seascan  
 2014-07-12 22:27:57.400 tempco normal  
 2014-07-12 22:27:57.400 PLL update: 10s PLL lock criterion: 5us  
 2014-07-12 22:27:57.400 Pfrac: 150.00  
 2014-07-12 22:27:57.400 VCO slope: -0.0175000  
 2014-07-12 22:27:57.400 VCO intercept: 7.1100001  
 2014-07-12 22:27:57.400 km delta: 600.0000000  
 2014-07-12 22:27:57.400 Logical Port 4 Status  
 2014-07-12 22:27:57.400 Data Packets Sent: 9505197  
 2014-07-12 22:27:57.400 Flood Packets Sent: 0  
 2014-07-12 22:27:57.400 Packets Re-Sent: 14279  
 2014-07-12 22:27:57.400 Sequence Errors: 0  
 2014-07-12 22:27:57.400 Packet Buffer Used: 23038968  
 2014-07-12 22:27:57.400 Physical Port: Ethernet  
 2014-07-12 22:27:57.400 Baler Model: 14 Software Version: 2.28  
 2014-07-12 22:27:57.400 MAC Address: 00:04:FB:00:02:EA  
 2014-07-12 22:27:57.400 Disk Size: 20000669696  
 2014-07-12 22:27:57.400 Percent of 1177 data files in use: 19.7  
 2014-07-12 22:27:57.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-12 22:27:57.400 Channel Sensitivities (uV per count):  
 2014-07-12 22:27:57.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-12 22:27:57.400 Digitizer Calibration Results:  
 2014-07-12 22:27:57.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-12 22:27:57.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-12 22:27:57.400 DMU1 Software Version=10  
 2014-07-12 22:27:57.400 Supply Voltage=12.7  
 2014-07-12 22:27:57.400 Supply Current=0.40  
 2014-07-12 22:27:57.400 webLink Data Maps Restored  
 2014-07-12 22:27:57.400 [2014-07-12 10:27:01.999998] sequence resumes: 8410931 to  
 8410931  
 2014-07-12 22:27:57.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-07-12 22:27:56  
 2014-07-12 22:29:13.030 Reducing Status Polling Interval  
 2014-07-12 22:33:42.060 [2014-07-12 22:30:44.999998] total packets received: 59337  
 2014-07-12 22:33:42.060 [2014-07-12 22:30:44.999998] command timeouts: 6  
 2014-07-12 22:33:42.060 [2014-07-12 22:30:44.999998] out of window: 67  
 2014-07-12 22:33:42.060 written: HHZ-1188 HH1-1494 HH2-1474 BDH-406 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-07-12 22:33:42.060 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-19 LH1-23 LH2-23 LDH-24  
 VMZ-2 VM1-2  
 2014-07-12 22:33:42.060 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1  
 2014-07-12 22:33:42.060 [2014-07-12 22:30:44.999998] Done: 4694 recs. seq end:  
 8454354. run: 341 s  
 2014-07-13 10:34:36.320  
 2014-07-13 10:34:36.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-13 10:34:36.320 Control Port 2491 Opened  
 2014-07-13 10:34:36.320 Baler ready on Ethernet  
 2014-07-13 10:34:36.320 Power Cycled Baler Acknowledged  
 2014-07-13 10:34:36.320 Commands Accepted by Q330  
 2014-07-13 10:34:36.320 Access timeout: 300 sec  
 2014-07-13 10:34:36.320 Control Port 4023 Opened  
 2014-07-13 10:34:36.320 Data Port 4024 Opened  
 2014-07-13 10:34:36.320 Registered with Q330  
 2014-07-13 10:34:36.320 Combination Record Received  
 2014-07-13 10:34:36.320 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-13 10:34:36.320 Link Reset, starting window sequence: 60670  
 2014-07-13 10:34:36.320 GPS Receiver ID Received  
 2014-07-13 10:34:36.320 Manufacturer's Data Received, Property Tag=2017  
 2014-07-13 10:34:36.320 Digitizer Gain & Offsets Received



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2014-07-13 10:34:36.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4694 recs.  
seq end: 8454354  
2014-07-13 10:34:36.320 Baler clock set to 2014-07-13 10:34:35  
2014-07-13 10:34:36.320 Starting to Read DP Tokens  
2014-07-13 10:34:36.320 DP Tokens loaded, size=1474 bytes  
2014-07-13 10:34:36.320 webserver advertising 192.168.200.119:5380  
2014-07-13 10:34:36.320 filters & delay HHZ:1@100,Linear all=0.320000  
2014-07-13 10:34:36.320 filters & delay HH1:2@100,Linear all=0.320000  
2014-07-13 10:34:36.320 filters & delay HH2:3@100,Linear all=0.320000  
2014-07-13 10:34:36.320 filters & delay BDH:4@20,Linear all=1.650000  
2014-07-13 10:34:36.320 filters & delay LHZ:1@1,Linear all=15.000000  
2014-07-13 10:34:36.320 filters & delay LH1:2@1,Linear all=15.000000  
2014-07-13 10:34:36.320 filters & delay LH2:3@1,Linear all=15.000000  
2014-07-13 10:34:36.320 filters & delay LDH:4@1,Linear all=15.000000  
2014-07-13 10:34:36.320 [2014-07-12 22:30:44.999998] continuity found: 8454354  
458519445.000000 Q=100  
2014-07-13 10:34:36.320 [2014-07-12 22:30:44.999998] restoring continuity  
2014-07-13 10:34:36.320 Sending DT\_OPEN  
2014-07-13 10:34:36.320 Station: XX-2017  
2014-07-13 10:34:36.320 Q330 Serial Number: 0100000DB18FC351  
2014-07-13 10:34:36.320 AMB Serial Number: 0100000B6909DD82  
2014-07-13 10:34:36.320 Seismo 1 Serial Number: 0000000000000000  
2014-07-13 10:34:36.320 Seismo 2 Serial Number: 0000000000000000  
2014-07-13 10:34:36.320 QAPCHP 1 Serial Number: 4643206  
2014-07-13 10:34:36.320 QAPCHP 2 Serial Number: 3743050  
2014-07-13 10:34:36.320 KMI Property Tag Number: 2017  
2014-07-13 10:34:36.320 System Software Version: 1.146  
2014-07-13 10:34:36.320 Slave Processor Version: 1.11  
2014-07-13 10:34:36.320 Calibrator Type: QCAL330  
2014-07-13 10:34:36.320 Calibrator Version: 1.8  
2014-07-13 10:34:36.320 Auxiliary Board Type: None  
2014-07-13 10:34:36.320 Clock Type: Motorola M12  
2014-07-13 10:34:36.320 PLD Version: 7.9  
2014-07-13 10:34:36.320 Total Hours: 67503.04  
2014-07-13 10:34:36.320 Power On Hours: 32133.43  
2014-07-13 10:34:36.320 Time of Last Boot: 2014-04-06 02:03:58  
2014-07-13 10:34:36.320 Total Number of Boots: 120  
2014-07-13 10:34:36.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-07-13 10:34:36.320 Total Number of Re-Syncs: 213  
2014-07-13 10:34:36.320 Status Inputs: 00000000  
2014-07-13 10:34:36.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-07-13 10:34:36.320 Clock Quality: 100%  
2014-07-13 10:34:36.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-07-13 10:34:36.320 Clock Phase: 0 usec. max allowed=50000  
2014-07-13 10:34:36.320 Boom positions:  
2014-07-13 10:34:36.320 ch1: -2 ch2: -3 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
2014-07-13 10:34:36.320 Analog Status  
2014-07-13 10:34:36.320 Analog Positive Supply: 5.46V  
2014-07-13 10:34:36.320 Input Voltage: 13.20V  
2014-07-13 10:34:36.320 System Temperature: 5C  
2014-07-13 10:34:36.320 Main Current: 62ma  
2014-07-13 10:34:36.320 Antenna Current: 0ma  
2014-07-13 10:34:36.320 GPS Status  
2014-07-13 10:34:36.320 Time: 10:34:35  
2014-07-13 10:34:36.320 Date:  
2014-07-13 10:34:36.320 Fix Type: 1-D  
2014-07-13 10:34:36.320 Height:  
2014-07-13 10:34:36.320 Latitude:  
2014-07-13 10:34:36.320 Longitude:  
2014-07-13 10:34:36.320 On Time: 0min  
2014-07-13 10:34:36.320 Sat. Used: 0  
2014-07-13 10:34:36.320 In View: 0  
2014-07-13 10:34:36.320 Checksum Errors: 0

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2014-07-13 10:34:36.320 Last GPS timemark: 2014-07-13 10:34:34
2014-07-13 10:34:36.320 PLL Status
2014-07-13 10:34:36.320 State: Lock
2014-07-13 10:34:36.320 Initial VCO: 2201.000488
2014-07-13 10:34:36.320 Time Error: 0.000000
2014-07-13 10:34:36.320 RMS VCO: 0.000000
2014-07-13 10:34:36.320 Best VCO: 2201.00
2014-07-13 10:34:36.320 Seconds Since Track or Lock: 0.0
2014-07-13 10:34:36.320 Vco Control: 2201
2014-07-13 10:34:36.320 timing mode: external seascan
2014-07-13 10:34:36.320 tempco normal
2014-07-13 10:34:36.320 PLL update: 10s PLL lock criterion: 5us
2014-07-13 10:34:36.320 Pfrac: 150.00
2014-07-13 10:34:36.320 VCO slope: -0.0175000
2014-07-13 10:34:36.320 VCO intercept: 7.1100001
2014-07-13 10:34:36.320 km delta: 600.0000000
2014-07-13 10:34:36.320 Logical Port 4 Status
2014-07-13 10:34:36.320 Data Packets Sent: 9564396
2014-07-13 10:34:36.320 Flood Packets Sent: 0
2014-07-13 10:34:36.320 Packets Re-Sent: 14365
2014-07-13 10:34:36.320 Sequence Errors: 0
2014-07-13 10:34:36.320 Packet Buffer Used: 22017720
2014-07-13 10:34:36.320 Physical Port: Ethernet
2014-07-13 10:34:36.320 Baler Model: 14 Software Version: 2.28
2014-07-13 10:34:36.320 MAC Address: 00:04:FB:00:02:EA
2014-07-13 10:34:36.320 Disk Size: 20000669696
2014-07-13 10:34:36.320 Percent of 1177 data files in use: 19.7
2014-07-13 10:34:36.320 Channels Enabled: 1234 Preamps ON channels:
2014-07-13 10:34:36.320 Channel Sensitivities (uV per count):
2014-07-13 10:34:36.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-13 10:34:36.320 Digitizer Calibration Results:
2014-07-13 10:34:36.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-13 10:34:36.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-13 10:34:36.320 DMU1 Software Version=10
2014-07-13 10:34:36.320 Supply Voltage=12.7
2014-07-13 10:34:36.320 Supply Current=0.40
2014-07-13 10:34:36.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-13 10:34:36.320 webLink Data Maps Restored
2014-07-13 10:34:36.320 [2014-07-12 22:30:44.999998] sequence resumes: 8454354 to
8454354
2014-07-13 10:34:36.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-13 10:34:35
2014-07-13 10:34:36.320 [2014-07-13 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-13 10:40:06.430 [2014-07-13 10:35:07.000000] total packets received: 49444
2014-07-13 10:40:06.430 [2014-07-13 10:35:07.000000] command timeouts: 6
2014-07-13 10:40:06.430 [2014-07-13 10:35:07.000000] out of window: 68
2014-07-13 10:40:06.430 written: HHZ-1156 HH1-1386 HH2-1367 BDH-397 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-13 10:40:06.430 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-19 LH1-23 LH2-23 LDH-24
VMZ-2 VM1-2
2014-07-13 10:40:06.430 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-13 10:40:06.430 [2014-07-13 10:35:07.000000] Done: 4444 recs. seq end:
8497816. run: 325 s
2014-07-13 22:40:57.400
2014-07-13 22:40:57.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-13 22:40:57.400 Control Port 2491 Opened
2014-07-13 22:40:57.400 Baler ready on Ethernet
2014-07-13 22:40:57.400 Power Cycled Baler Acknowledged
2014-07-13 22:40:57.400 Commands Accepted by Q330
2014-07-13 22:40:57.400 Access timeout: 300 sec
2014-07-13 22:40:57.400 Control Port 4023 Opened
2014-07-13 22:40:57.400 Data Port 4024 Opened

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2014-07-13 22:40:57.400 Registered with Q330
2014-07-13 22:40:57.400 Combination Record Received
2014-07-13 22:40:57.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-13 22:40:57.400 Link Reset, starting window sequence: 44475
2014-07-13 22:40:57.400 GPS Receiver ID Received
2014-07-13 22:40:57.400 Manufacturer's Data Received, Property Tag=2017
2014-07-13 22:40:57.400 Digitizer Gain & Offsets Received
2014-07-13 22:40:57.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4444 recs.
seq end: 8497816
2014-07-13 22:40:57.400 Baler clock set to 2014-07-13 22:40:56
2014-07-13 22:40:57.400 Starting to Read DP Tokens
2014-07-13 22:40:57.400 DP Tokens loaded, size=1474 bytes
2014-07-13 22:40:57.400 webserver advertising 192.168.200.119:5380
2014-07-13 22:40:57.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-13 22:40:57.400 filters & delay HH1:2@100,Linear all=0.320000
2014-07-13 22:40:57.400 filters & delay HH2:3@100,Linear all=0.320000
2014-07-13 22:40:57.400 filters & delay BDH:4@20,Linear all=1.650000
2014-07-13 22:40:57.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-13 22:40:57.400 filters & delay LH1:2@1,Linear all=15.000000
2014-07-13 22:40:57.400 filters & delay LH2:3@1,Linear all=15.000000
2014-07-13 22:40:57.400 filters & delay LDH:4@1,Linear all=15.000000
2014-07-13 22:40:57.400 [2014-07-13 10:35:07.000000] continuity found: 8497816
458562907.000000 Q=100
2014-07-13 22:40:57.400 [2014-07-13 10:35:07.000000] restoring continuity
2014-07-13 22:40:57.400 Sending DT_OPEN
2014-07-13 22:40:57.400 Station: XX-2017
2014-07-13 22:40:57.400 Q330 Serial Number: 0100000DB18FC351
2014-07-13 22:40:57.400 AMB Serial Number: 0100000B6909DD82
2014-07-13 22:40:57.400 Seismo 1 Serial Number: 0000000000000000
2014-07-13 22:40:57.400 Seismo 2 Serial Number: 0000000000000000
2014-07-13 22:40:57.400 QAPCHP 1 Serial Number: 4643206
2014-07-13 22:40:57.400 QAPCHP 2 Serial Number: 3743050
2014-07-13 22:40:57.400 KMI Property Tag Number: 2017
2014-07-13 22:40:57.400 System Software Version: 1.146
2014-07-13 22:40:57.400 Slave Processor Version: 1.11
2014-07-13 22:40:57.400 Calibrator Type: QCAL330
2014-07-13 22:40:57.400 Calibrator Version: 1.8
2014-07-13 22:40:57.400 Auxiliary Board Type: None
2014-07-13 22:40:57.400 Clock Type: Motorola M12
2014-07-13 22:40:57.400 PLD Version: 7.9
2014-07-13 22:40:57.400 Total Hours: 67515.15
2014-07-13 22:40:57.400 Power On Hours: 32145.53
2014-07-13 22:40:57.400 Time of Last Boot: 2014-04-06 02:03:58
2014-07-13 22:40:57.400 Total Number of Boots: 120
2014-07-13 22:40:57.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-13 22:40:57.400 Total Number of Re-Syncs: 213
2014-07-13 22:40:57.400 Status Inputs: 00000000
2014-07-13 22:40:57.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-13 22:40:57.400 Clock Quality: 100%
2014-07-13 22:40:57.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-13 22:40:57.400 Clock Phase: 0 usec. max allowed=50000
2014-07-13 22:40:57.400 Boom positions:
2014-07-13 22:40:57.400 Ch1: -2 Ch2: -4 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-13 22:40:57.400 Analog Status
2014-07-13 22:40:57.400 Input Voltage: 13.20v
2014-07-13 22:40:57.400 System Temperature: 5C
2014-07-13 22:40:57.400 Main Current: 62ma
2014-07-13 22:40:57.400 Antenna Current: 0ma
2014-07-13 22:40:57.400 GPS Status
2014-07-13 22:40:57.400 Time: 22:40:56
2014-07-13 22:40:57.400 Date:
2014-07-13 22:40:57.400 Fix Type: 1-D
2014-07-13 22:40:57.400 Height:

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2014-07-13 22:40:57.400 Latitude:
2014-07-13 22:40:57.400 Longitude:
2014-07-13 22:40:57.400 On Time: 0min
2014-07-13 22:40:57.400 Sat. Used: 0
2014-07-13 22:40:57.400 In View: 0
2014-07-13 22:40:57.400 Checksum Errors: 0
2014-07-13 22:40:57.400 Last GPS timemark: 2014-07-13 22:40:55
2014-07-13 22:40:57.400 PLL Status
2014-07-13 22:40:57.400 State: Lock
2014-07-13 22:40:57.400 Initial VCO: 2200.951416
2014-07-13 22:40:57.400 Time Error: 0.000000
2014-07-13 22:40:57.400 RMS VCO: 0.000000
2014-07-13 22:40:57.400 Best VCO: 2200.95
2014-07-13 22:40:57.400 Seconds Since Track or Lock: 0.0
2014-07-13 22:40:57.400 Vco Control: 2201
2014-07-13 22:40:57.400 timing mode: external seascan
2014-07-13 22:40:57.400 tempco normal
2014-07-13 22:40:57.400 PLL update: 10s PLL lock criterion: 5us
2014-07-13 22:40:57.400 Pfrac: 150.00
2014-07-13 22:40:57.400 VCO slope: -0.0175000
2014-07-13 22:40:57.400 VCO intercept: 7.1100001
2014-07-13 22:40:57.400 Km delta: 600.0000000
2014-07-13 22:40:57.400 Logical Port 4 Status
2014-07-13 22:40:57.400 Data Packets Sent: 9613742
2014-07-13 22:40:57.400 Flood Packets Sent: 0
2014-07-13 22:40:57.400 Packets Re-Sent: 14445
2014-07-13 22:40:57.400 Sequence Errors: 0
2014-07-13 22:40:57.400 Packet Buffer Used: 23109056
2014-07-13 22:40:57.400 Physical Port: Ethernet
2014-07-13 22:40:57.400 Baler Model: 14 Software Version: 2.28
2014-07-13 22:40:57.400 MAC Address: 00:04:FB:00:02:EA
2014-07-13 22:40:57.400 Disk Size: 20000669696
2014-07-13 22:40:57.400 Percent of 1177 data files in use: 19.9
2014-07-13 22:40:57.400 Channels Enabled: 1234 Preamps ON channels:
2014-07-13 22:40:57.400 Channel Sensitivities (uV per count):
2014-07-13 22:40:57.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-13 22:40:57.400 Digitizer Calibration Results:
2014-07-13 22:40:57.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-13 22:40:57.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-13 22:40:57.400 DMU1 Software Version=10
2014-07-13 22:40:57.400 Supply Voltage=12.7
2014-07-13 22:40:57.400 Supply Current=0.41
2014-07-13 22:40:57.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-13 22:40:57.400 WebLink Data Maps Restored
2014-07-13 22:40:57.400 [2014-07-13 10:35:07.000000] sequence resumes: 8497816 to
8497816
2014-07-13 22:40:57.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-13 22:40:56
2014-07-13 22:46:47.000 [2014-07-13 22:38:31.000000] total packets received: 59277
2014-07-13 22:46:47.000 [2014-07-13 22:38:31.000000] command timeouts: 6
2014-07-13 22:46:47.000 [2014-07-13 22:38:31.000000] out of window: 76
2014-07-13 22:46:47.000 written: HHZ-1189 HH1-1500 HH2-1466 BDH-390 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-07-13 22:46:47.000 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-19 LH1-23 LH2-24 LDH-23
VMZ-1 VM1-1
2014-07-13 22:46:47.000 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-13 22:46:47.000 [2014-07-13 22:38:31.000000] Done: 4674 recs. seq end:
8541220. run: 345 s
2014-07-14 10:47:38.350
2014-07-14 10:47:38.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-14 10:47:38.350 Control Port 2491 Opened
2014-07-14 10:47:38.350 Baler ready on Ethernet
2014-07-14 10:47:38.350 Power Cycled Baler Acknowledged

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2014-07-14 10:47:38.350 Commands Accepted by Q330
2014-07-14 10:47:38.350 Access timeout: 300 sec
2014-07-14 10:47:38.350 Control Port 4023 Opened
2014-07-14 10:47:38.350 Data Port 4024 Opened
2014-07-14 10:47:38.350 Registered with Q330
2014-07-14 10:47:38.350 Combination Record Received
2014-07-14 10:47:38.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-14 10:47:38.350 Link Reset, starting window sequence: 38104
2014-07-14 10:47:38.350 GPS Receiver ID Received
2014-07-14 10:47:38.350 Manufacturer's Data Received, Property Tag=2017
2014-07-14 10:47:38.350 Digitizer Gain & Offsets Received
2014-07-14 10:47:38.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4674 recs.
seq end: 8541220
2014-07-14 10:47:38.350 Baler clock set to 2014-07-14 10:47:37
2014-07-14 10:47:38.350 Starting to Read DP Tokens
2014-07-14 10:47:38.350 DP Tokens loaded, size=1474 bytes
2014-07-14 10:47:38.350 Webserver advertising 192.168.200.119:5380
2014-07-14 10:47:38.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-14 10:47:38.350 filters & delay HH1:2@100,Linear all=0.320000
2014-07-14 10:47:38.350 filters & delay HH2:3@100,Linear all=0.320000
2014-07-14 10:47:38.350 filters & delay BDH:4@20,Linear all=1.650000
2014-07-14 10:47:38.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-14 10:47:38.350 filters & delay LH1:2@1,Linear all=15.000000
2014-07-14 10:47:38.350 filters & delay LH2:3@1,Linear all=15.000000
2014-07-14 10:47:38.350 filters & delay LDH:4@1,Linear all=15.000000
2014-07-14 10:47:38.350 [2014-07-13 22:38:31.000000] continuity found: 8541220
458606311.000000 Q=100
2014-07-14 10:47:38.350 [2014-07-13 22:38:31.000000] restoring continuity
2014-07-14 10:47:38.350 Sending DT_OPEN
2014-07-14 10:47:38.350 Station: XX-2017
2014-07-14 10:47:38.350 Q330 Serial Number: 0100000DB18FC351
2014-07-14 10:47:38.350 AMB Serial Number: 0100000B6909DD82
2014-07-14 10:47:38.350 Seismo 1 Serial Number: 0000000000000000
2014-07-14 10:47:38.350 Seismo 2 Serial Number: 0000000000000000
2014-07-14 10:47:38.350 QAPCHP 1 Serial Number: 4643206
2014-07-14 10:47:38.350 QAPCHP 2 Serial Number: 3743050
2014-07-14 10:47:38.350 KMI Property Tag Number: 2017
2014-07-14 10:47:38.350 System Software Version: 1.146
2014-07-14 10:47:38.350 Slave Processor Version: 1.11
2014-07-14 10:47:38.350 Calibrator Type: QCAL330
2014-07-14 10:47:38.350 Calibrator Version: 1.8
2014-07-14 10:47:38.350 Auxiliary Board Type: None
2014-07-14 10:47:38.350 Clock Type: Motorola M12
2014-07-14 10:47:38.350 PLD Version: 7.9
2014-07-14 10:47:38.350 Total Hours: 67527.26
2014-07-14 10:47:38.350 Power On Hours: 32157.65
2014-07-14 10:47:38.350 Time of Last Boot: 2014-04-06 02:03:58
2014-07-14 10:47:38.350 Total Number of Boots: 120
2014-07-14 10:47:38.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-14 10:47:38.350 Total Number of Re-Syncs: 213
2014-07-14 10:47:38.350 Status Inputs: 00000000
2014-07-14 10:47:38.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-14 10:47:38.350 Clock Quality: 100%
2014-07-14 10:47:38.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-14 10:47:38.350 Clock Phase: 0 usec. max allowed=50000
2014-07-14 10:47:38.350 Boom positions:
2014-07-14 10:47:38.350 Ch1: -3 Ch2: -4 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-14 10:47:38.350 Analog Status
2014-07-14 10:47:38.350 Analog Positive Supply: 5.46V
2014-07-14 10:47:38.350 Input Voltage: 13.35V
2014-07-14 10:47:38.350 System Temperature: 5C
2014-07-14 10:47:38.350 Main Current: 61ma
2014-07-14 10:47:38.350 Antenna Current: 0ma

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2014-07-14 10:47:38.350 GPS Status  
 2014-07-14 10:47:38.350 Time: 10:47:37  
 2014-07-14 10:47:38.350 Date:  
 2014-07-14 10:47:38.350 Fix Type: 1-D  
 2014-07-14 10:47:38.350 Height:  
 2014-07-14 10:47:38.350 Latitude:  
 2014-07-14 10:47:38.350 Longitude:  
 2014-07-14 10:47:38.350 On Time: 0min  
 2014-07-14 10:47:38.350 Sat. Used: 0  
 2014-07-14 10:47:38.350 In View: 0  
 2014-07-14 10:47:38.350 Checksum Errors: 0  
 2014-07-14 10:47:38.350 Last GPS timemark: 2014-07-14 10:47:36  
 2014-07-14 10:47:38.350 PLL Status  
 2014-07-14 10:47:38.350 State: Lock  
 2014-07-14 10:47:38.350 Initial VCO: 2200.504150  
 2014-07-14 10:47:38.350 Time Error: 0.000000  
 2014-07-14 10:47:38.350 RMS VCO: 0.0000000  
 2014-07-14 10:47:38.350 Best VCO: 2200.74  
 2014-07-14 10:47:38.350 Seconds Since Track or Lock: 0.0  
 2014-07-14 10:47:38.350 Vco Control: 2200  
 2014-07-14 10:47:38.350 timing mode: external seascan  
 2014-07-14 10:47:38.350 tempco normal  
 2014-07-14 10:47:38.350 PLL update: 10s PLL lock criterion: 5us  
 2014-07-14 10:47:38.350 Pfrac: 150.00  
 2014-07-14 10:47:38.350 VCO slope: -0.0175000  
 2014-07-14 10:47:38.350 VCO intercept: 7.1100001  
 2014-07-14 10:47:38.350 km delta: 600.0000000  
 2014-07-14 10:47:38.350 Logical Port 4 Status  
 2014-07-14 10:47:38.350 Data Packets Sent: 9672912  
 2014-07-14 10:47:38.350 Flood Packets Sent: 0  
 2014-07-14 10:47:38.350 Packets Re-Sent: 14535  
 2014-07-14 10:47:38.350 Sequence Errors: 0  
 2014-07-14 10:47:38.350 Packet Buffer Used: 22690528  
 2014-07-14 10:47:38.350 Physical Port: Ethernet  
 2014-07-14 10:47:38.350 Baler Model: 14 Software Version: 2.28  
 2014-07-14 10:47:38.350 MAC Address: 00:04:FB:00:02:EA  
 2014-07-14 10:47:38.350 Disk Size: 20000669696  
 2014-07-14 10:47:38.350 Percent of 1177 data files in use: 20.1  
 2014-07-14 10:47:38.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-14 10:47:38.350 Channel Sensitivities (uV per count):  
 2014-07-14 10:47:38.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-14 10:47:38.350 Digitizer Calibration Results:  
 2014-07-14 10:47:38.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-14 10:47:38.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-14 10:47:38.350 DMU1 Software Version=10  
 2014-07-14 10:47:38.350 Supply Voltage=12.7  
 2014-07-14 10:47:38.350 Supply Current=0.40  
 2014-07-14 10:47:38.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-14 10:47:38.350 webLink Data Maps Restored  
 2014-07-14 10:47:38.350 [2014-07-13 22:38:31.000000] sequence resumes: 8541220 to  
 8541220  
 2014-07-14 10:47:38.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-14 10:47:37  
 2014-07-14 10:47:38.350 [2014-07-14 00:00:00.000001] saving Configuration to Backup  
 Memory  
 2014-07-14 10:53:16.090 Reducing Status Polling Interval  
 2014-07-14 10:53:16.090 [2014-07-14 10:53:15.999998] total packets received: 50436  
 2014-07-14 10:53:16.090 [2014-07-14 10:53:15.999998] command timeouts: 6  
 2014-07-14 10:53:16.090 [2014-07-14 10:53:15.999998] out of window: 64  
 2014-07-14 10:53:16.090 written: HHZ-1136 HH1-1502 HH2-1473 BDH-399 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-07-14 10:53:16.090 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-19 LH1-24 LH2-23 LDH-24  
 VMZ-2 VM1-2

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2014-07-14 10:53:16.090 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-14 10:53:16.090 [2014-07-14 10:53:15.999998] Done: 4645 recs. seq end:
8585305. run: 333 s
2014-07-14 22:54:10.410
2014-07-14 22:54:10.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-14 22:54:10.410 Control Port 2491 Opened
2014-07-14 22:54:10.410 Baler ready on Ethernet
2014-07-14 22:54:10.410 Power Cycled Baler Acknowledged
2014-07-14 22:54:10.410 Commands Accepted by Q330
2014-07-14 22:54:10.410 Access timeout: 300 sec
2014-07-14 22:54:10.410 Control Port 4023 Opened
2014-07-14 22:54:10.410 Data Port 4024 Opened
2014-07-14 22:54:10.410 Registered with Q330
2014-07-14 22:54:10.410 Combination Record Received
2014-07-14 22:54:10.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-14 22:54:10.410 Link Reset, starting window sequence: 22904
2014-07-14 22:54:10.410 GPS Receiver ID Received
2014-07-14 22:54:10.410 Manufacturer's Data Received, Property Tag=2017
2014-07-14 22:54:10.410 Digitizer Gain & Offsets Received
2014-07-14 22:54:10.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4645 recs.
seq end: 8585305
2014-07-14 22:54:10.410 Baler clock set to 2014-07-14 22:54:09
2014-07-14 22:54:10.410 DP Tokens loaded, size=1474 bytes
2014-07-14 22:54:10.410 Webserver advertising 192.168.200.119:5380
2014-07-14 22:54:10.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-14 22:54:10.410 filters & delay HH1:2@100,Linear all=0.320000
2014-07-14 22:54:10.410 filters & delay HH2:3@100,Linear all=0.320000
2014-07-14 22:54:10.410 filters & delay BDH:4@20,Linear all=1.650000
2014-07-14 22:54:10.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-14 22:54:10.410 filters & delay LH1:2@1,Linear all=15.000000
2014-07-14 22:54:10.410 filters & delay LH2:3@1,Linear all=15.000000
2014-07-14 22:54:10.410 filters & delay LDH:4@1,Linear all=15.000000
2014-07-14 22:54:10.410 [2014-07-14 10:53:15.999998] continuity found: 8585305
458650396.000000 Q=100
2014-07-14 22:54:10.410 [2014-07-14 10:53:15.999998] restoring continuity
2014-07-14 22:54:10.410 Sending DT_OPEN
2014-07-14 22:54:10.410 Station: XX-2017
2014-07-14 22:54:10.410 Q330 Serial Number: 0100000DB18FC351
2014-07-14 22:54:10.410 AMB Serial Number: 0100000B6909DD82
2014-07-14 22:54:10.410 Seismo 1 Serial Number: 0000000000000000
2014-07-14 22:54:10.410 Seismo 2 Serial Number: 0000000000000000
2014-07-14 22:54:10.410 QAPCHP 1 Serial Number: 4643206
2014-07-14 22:54:10.410 QAPCHP 2 Serial Number: 3743050
2014-07-14 22:54:10.410 KMI Property Tag Number: 2017
2014-07-14 22:54:10.410 System Software Version: 1.146
2014-07-14 22:54:10.410 Slave Processor Version: 1.11
2014-07-14 22:54:10.410 Calibrator Type: QCAL330
2014-07-14 22:54:10.410 Calibrator Version: 1.8
2014-07-14 22:54:10.410 Auxiliary Board Type: None
2014-07-14 22:54:10.410 Clock Type: Motorola M12
2014-07-14 22:54:10.410 PLD Version: 7.9
2014-07-14 22:54:10.410 Total Hours: 67539.37
2014-07-14 22:54:10.410 Power On Hours: 32169.76
2014-07-14 22:54:10.410 Time of Last Boot: 2014-04-06 02:03:58
2014-07-14 22:54:10.410 Total Number of Boots: 120
2014-07-14 22:54:10.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-14 22:54:10.410 Total Number of Re-Syncs: 213
2014-07-14 22:54:10.410 Status Inputs: 00000000
2014-07-14 22:54:10.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-14 22:54:10.410 Clock Quality: 100%
2014-07-14 22:54:10.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-14 22:54:10.410 Clock Phase: 0 usec. max allowed=50000
2014-07-14 22:54:10.410 Boom positions:

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2014-07-14 22:54:10.410 Ch1: -2 Ch2: -6 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-14 22:54:10.410 Analog Status  
 2014-07-14 22:54:10.410 Analog Positive Supply: 5.46V  
 2014-07-14 22:54:10.410 Input Voltage: 13.35V  
 2014-07-14 22:54:10.410 System Temperature: 5C  
 2014-07-14 22:54:10.410 Main Current: 61ma  
 2014-07-14 22:54:10.410 Antenna Current: 0ma  
 2014-07-14 22:54:10.410 GPS Status  
 2014-07-14 22:54:10.410 Time: 22:54:09  
 2014-07-14 22:54:10.410 Date:  
 2014-07-14 22:54:10.410 Fix Type: 1-D  
 2014-07-14 22:54:10.410 Height:  
 2014-07-14 22:54:10.410 Latitude:  
 2014-07-14 22:54:10.410 Longitude:  
 2014-07-14 22:54:10.410 On Time: 0min  
 2014-07-14 22:54:10.410 Sat. Used: 0  
 2014-07-14 22:54:10.410 In View: 0  
 2014-07-14 22:54:10.410 Checksum Errors: 0  
 2014-07-14 22:54:10.410 Last GPS timemark: 2014-07-14 22:54:08  
 2014-07-14 22:54:10.410 PLL Status  
 2014-07-14 22:54:10.410 State: Lock  
 2014-07-14 22:54:10.410 Initial VCO: 2200.743164  
 2014-07-14 22:54:10.410 Time Error: 0.000000  
 2014-07-14 22:54:10.410 RMS VCO: 0.0000000  
 2014-07-14 22:54:10.410 Best VCO: 2200.95  
 2014-07-14 22:54:10.410 Seconds Since Track or Lock: 0.0  
 2014-07-14 22:54:10.410 Vco Control: 2201  
 2014-07-14 22:54:10.410 timing mode: external seascan  
 2014-07-14 22:54:10.410 tempco normal  
 2014-07-14 22:54:10.410 PLL update: 10s PLL lock criterion: 5us  
 2014-07-14 22:54:10.410 Pfrac: 150.00  
 2014-07-14 22:54:10.410 VCO slope: -0.0175000  
 2014-07-14 22:54:10.410 VCO intercept: 7.1100001  
 2014-07-14 22:54:10.410 Km delta: 600.0000000  
 2014-07-14 22:54:10.410 Logical Port 4 Status  
 2014-07-14 22:54:10.410 Data Packets Sent: 9723253  
 2014-07-14 22:54:10.410 Flood Packets Sent: 0  
 2014-07-14 22:54:10.410 Packets Re-Sent: 14615  
 2014-07-14 22:54:10.410 Sequence Errors: 0  
 2014-07-14 22:54:10.410 Packet Buffer Used: 22917648  
 2014-07-14 22:54:10.410 Physical Port: Ethernet  
 2014-07-14 22:54:10.410 Baler Model: 14 Software Version: 2.28  
 2014-07-14 22:54:10.410 MAC Address: 00:04:FB:00:02:EA  
 2014-07-14 22:54:10.410 Disk Size: 20000669696  
 2014-07-14 22:54:10.410 Percent of 1177 data files in use: 20.1  
 2014-07-14 22:54:10.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-14 22:54:10.410 Channel Sensitivities (uV per count):  
 2014-07-14 22:54:10.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-14 22:54:10.410 Digitizer Calibration Results:  
 2014-07-14 22:54:10.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-14 22:54:10.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-14 22:54:10.410 DMU1 Software Version=10  
 2014-07-14 22:54:10.410 Supply Voltage=12.7  
 2014-07-14 22:54:10.410 Supply Current=0.41  
 2014-07-14 22:54:10.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-14 22:54:10.410 WebLink Data Maps Restored  
 2014-07-14 22:54:10.410 [2014-07-14 10:53:15.999998] sequence resumes: 8585305 to 8585305  
 2014-07-14 22:54:10.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-07-14 22:54:09  
 2014-07-14 22:59:57.870 Reducing Status Polling Interval  
 2014-07-14 22:59:57.870 [2014-07-14 22:59:56.999998] total packets received: 59815  
 2014-07-14 22:59:57.870 [2014-07-14 22:59:56.999998] command timeouts: 6



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2014-07-14 22:59:57.870 [2014-07-14 22:59:56.999998] out of window: 62
2014-07-14 22:59:57.870 written: HHZ-1182 HH1-1462 HH2-1491 BDH-410 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-07-14 22:59:57.870 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-23 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-14 22:59:57.870 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-14 22:59:57.870 [2014-07-14 22:59:56.999998] Done: 4682 recs. seq end:
8628906. run: 344 s
2014-07-15 11:00:51.370
2014-07-15 11:00:51.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-15 11:00:51.370 Control Port 2491 Opened
2014-07-15 11:00:51.370 Baler ready on Ethernet
2014-07-15 11:00:51.370 Power Cycled Baler Acknowledged
2014-07-15 11:00:51.370 Commands Accepted by Q330
2014-07-15 11:00:51.370 Access timeout: 300 sec
2014-07-15 11:00:51.370 Control Port 4023 Opened
2014-07-15 11:00:51.370 Data Port 4024 Opened
2014-07-15 11:00:51.370 Registered with Q330
2014-07-15 11:00:51.370 Combination Record Received
2014-07-15 11:00:51.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-15 11:00:51.370 Link Reset, starting window sequence: 17085
2014-07-15 11:00:51.370 GPS Receiver ID Received
2014-07-15 11:00:51.370 Manufacturer's Data Received, Property Tag=2017
2014-07-15 11:00:51.370 Digitizer Gain & Offsets Received
2014-07-15 11:00:51.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4682 recs.
seq end: 8628906
2014-07-15 11:00:51.370 Baler clock set to 2014-07-15 11:00:50
2014-07-15 11:00:51.370 Starting to Read DP Tokens
2014-07-15 11:00:51.370 DP Tokens loaded, size=1474 bytes
2014-07-15 11:00:51.370 Webserver advertising 192.168.200.119:5380
2014-07-15 11:00:51.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-15 11:00:51.370 filters & delay HH1:2@100,Linear all=0.320000
2014-07-15 11:00:51.370 filters & delay HH2:3@100,Linear all=0.320000
2014-07-15 11:00:51.370 filters & delay BDH:4@20,Linear all=1.650000
2014-07-15 11:00:51.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-15 11:00:51.370 filters & delay LH1:2@1,Linear all=15.000000
2014-07-15 11:00:51.370 filters & delay LH2:3@1,Linear all=15.000000
2014-07-15 11:00:51.370 filters & delay LDH:4@1,Linear all=15.000000
2014-07-15 11:00:51.370 [2014-07-14 22:59:56.999998] continuity found: 8628906
458693997.000000 Q=100
2014-07-15 11:00:51.370 [2014-07-14 22:59:56.999998] restoring continuity
2014-07-15 11:00:51.370 Sending DT_OPEN
2014-07-15 11:00:51.370 Station: XX-2017
2014-07-15 11:00:51.370 Q330 Serial Number: 0100000DB18FC351
2014-07-15 11:00:51.370 AMB Serial Number: 0100000B6909DD82
2014-07-15 11:00:51.370 Seismo 1 Serial Number: 0000000000000000
2014-07-15 11:00:51.370 Seismo 2 Serial Number: 0000000000000000
2014-07-15 11:00:51.370 QAPCHP 1 Serial Number: 4643206
2014-07-15 11:00:51.370 QAPCHP 2 Serial Number: 3743050
2014-07-15 11:00:51.370 KMI Property Tag Number: 2017
2014-07-15 11:00:51.370 System Software Version: 1.146
2014-07-15 11:00:51.370 Slave Processor Version: 1.11
2014-07-15 11:00:51.370 Calibrator Type: QCAL330
2014-07-15 11:00:51.370 Calibrator Version: 1.8
2014-07-15 11:00:51.370 Auxiliary Board Type: None
2014-07-15 11:00:51.370 Clock Type: Motorola M12
2014-07-15 11:00:51.370 PLD Version: 7.9
2014-07-15 11:00:51.370 Total Hours: 67551.48
2014-07-15 11:00:51.370 Power On Hours: 32181.87
2014-07-15 11:00:51.370 Time of Last Boot: 2014-04-06 02:03:58
2014-07-15 11:00:51.370 Total Number of Boots: 120
2014-07-15 11:00:51.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-15 11:00:51.370 Total Number of Re-Syncs: 213

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2014-07-15 11:00:51.370 Status Inputs: 00000000  
 2014-07-15 11:00:51.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-15 11:00:51.370 Clock Quality: 100%  
 2014-07-15 11:00:51.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-15 11:00:51.370 Clock Phase: 0 usec. max allowed=50000  
 2014-07-15 11:00:51.370 Boom positions:  
 2014-07-15 11:00:51.370 Ch1: -3 Ch2: -6 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-15 11:00:51.370 Analog Status  
 2014-07-15 11:00:51.370 Analog Positive Supply: 5.46V  
 2014-07-15 11:00:51.370 Input Voltage: 13.35V  
 2014-07-15 11:00:51.370 System Temperature: 5C  
 2014-07-15 11:00:51.370 Main Current: 61ma  
 2014-07-15 11:00:51.370 Antenna Current: 0ma  
 2014-07-15 11:00:51.370 GPS Status  
 2014-07-15 11:00:51.370 Time: 11:00:50  
 2014-07-15 11:00:51.370 Date:  
 2014-07-15 11:00:51.370 Fix Type: 1-D  
 2014-07-15 11:00:51.370 Height:  
 2014-07-15 11:00:51.370 Latitude:  
 2014-07-15 11:00:51.370 Longitude:  
 2014-07-15 11:00:51.370 On Time: 0min  
 2014-07-15 11:00:51.370 Sat. Used: 0  
 2014-07-15 11:00:51.370 In View: 0  
 2014-07-15 11:00:51.370 Checksum Errors: 0  
 2014-07-15 11:00:51.370 Last GPS timemark: 2014-07-15 11:00:49  
 2014-07-15 11:00:51.370 PLL Status  
 2014-07-15 11:00:51.370 State: Lock  
 2014-07-15 11:00:51.370 Initial VCO: 2200.267334  
 2014-07-15 11:00:51.370 Time Error: 0.000000  
 2014-07-15 11:00:51.370 RMS VCO: 0.0000000  
 2014-07-15 11:00:51.370 Best VCO: 2200.20  
 2014-07-15 11:00:51.370 Seconds Since Track or Lock: 0.0  
 2014-07-15 11:00:51.370 Vco Control: 2200  
 2014-07-15 11:00:51.370 timing mode: external seascan  
 2014-07-15 11:00:51.370 tempco normal  
 2014-07-15 11:00:51.370 PLL update: 10s PLL lock criterion: 5us  
 2014-07-15 11:00:51.370 Pfrac: 150.00  
 2014-07-15 11:00:51.370 VCO slope: -0.0175000  
 2014-07-15 11:00:51.370 VCO intercept: 7.1100001  
 2014-07-15 11:00:51.370 km delta: 600.0000000  
 2014-07-15 11:00:51.370 Logical Port 4 Status  
 2014-07-15 11:00:51.370 Data Packets Sent: 9782975  
 2014-07-15 11:00:51.370 Flood Packets Sent: 0  
 2014-07-15 11:00:51.370 Packets Re-Sent: 14692  
 2014-07-15 11:00:51.370 Sequence Errors: 0  
 2014-07-15 11:00:51.370 Packet Buffer Used: 22258524  
 2014-07-15 11:00:51.370 Physical Port: Ethernet  
 2014-07-15 11:00:51.370 Baler Model: 14 Software Version: 2.28  
 2014-07-15 11:00:51.370 MAC Address: 00:04:FB:00:02:EA  
 2014-07-15 11:00:51.370 Disk Size: 20000669696  
 2014-07-15 11:00:51.370 Percent of 1177 data files in use: 20.1  
 2014-07-15 11:00:51.370 Channel Sensitivities (uV per count):  
 2014-07-15 11:00:51.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-15 11:00:51.370 Digitizer Calibration Results:  
 2014-07-15 11:00:51.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-15 11:00:51.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-15 11:00:51.370 DMU1 Software Version=10  
 2014-07-15 11:00:51.370 Supply Voltage=12.7  
 2014-07-15 11:00:51.370 Supply Current=0.40  
 2014-07-15 11:00:51.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-15 11:00:51.370 webLink Data Maps Restored  
 2014-07-15 11:00:51.370 [2014-07-14 22:59:56.999998] sequence resumes: 8628906 to 8628906

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2014-07-15 11:00:51.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-07-15 11:00:50  
2014-07-15 11:00:51.370 [2014-07-15 00:00:00.000000] Saving Configuration to Backup  
Memory  
2014-07-15 11:06:27.950 Reducing Status Polling Interval  
2014-07-15 11:06:27.950 [2014-07-15 11:06:26.999998] total packets received: 51819  
2014-07-15 11:06:27.950 [2014-07-15 11:06:26.999998] command timeouts: 6  
2014-07-15 11:06:27.950 [2014-07-15 11:06:26.999998] out of window: 70  
2014-07-15 11:06:27.950 written: HHZ-1103 HH1-1444 HH2-1436 BDH-425 VEP-1 VEC-2  
VEA-1 VKI-1 VCO-1  
2014-07-15 11:06:27.950 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-24 LH2-24 LDH-24  
VMZ-1 VM1-1  
2014-07-15 11:06:27.950 written: VM2-1 LOG-2 ACE-2 OCF-2  
2014-07-15 11:06:27.950 [2014-07-15 11:06:26.999998] Done: 4539 recs. seq end:  
8672496. run: 332 s  
2014-07-15 23:07:20.350  
2014-07-15 23:07:20.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-07-15 23:07:20.350 Control Port 2491 Opened  
2014-07-15 23:07:20.350 Baler ready on Ethernet  
2014-07-15 23:07:20.350 Power Cycled Baler Acknowledged  
2014-07-15 23:07:20.350 Commands Accepted by Q330  
2014-07-15 23:07:20.350 Access timeout: 300 sec  
2014-07-15 23:07:20.350 Control Port 4023 Opened  
2014-07-15 23:07:20.350 Data Port 4024 Opened  
2014-07-15 23:07:20.350 Registered with Q330  
2014-07-15 23:07:20.350 Combination Record Received  
2014-07-15 23:07:20.350 window=4 Min. Timeout=10 Max. Timeout=30  
2014-07-15 23:07:20.350 Link Reset, starting window sequence: 3262  
2014-07-15 23:07:20.350 GPS Receiver ID Received  
2014-07-15 23:07:20.350 Manufacturer's Data Received, Property Tag=2017  
2014-07-15 23:07:20.350 Digitizer Gain & Offsets Received  
2014-07-15 23:07:20.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4539 recs.  
seq end: 8672496  
2014-07-15 23:07:20.350 Baler clock set to 2014-07-15 23:07:19  
2014-07-15 23:07:20.350 Starting to Read DP Tokens  
2014-07-15 23:07:20.350 DP Tokens loaded, size=1474 bytes  
2014-07-15 23:07:20.350 webserver advertising 192.168.200.119:5380  
2014-07-15 23:07:20.350 filters & delay HHZ:1@100,Linear all=0.320000  
2014-07-15 23:07:20.350 filters & delay HH1:2@100,Linear all=0.320000  
2014-07-15 23:07:20.350 filters & delay HH2:3@100,Linear all=0.320000  
2014-07-15 23:07:20.350 filters & delay BDH:4@20,Linear all=1.650000  
2014-07-15 23:07:20.350 filters & delay LHZ:1@1,Linear all=15.000000  
2014-07-15 23:07:20.350 filters & delay LH1:2@1,Linear all=15.000000  
2014-07-15 23:07:20.350 filters & delay LH2:3@1,Linear all=15.000000  
2014-07-15 23:07:20.350 filters & delay LDH:4@1,Linear all=15.000000  
2014-07-15 23:07:20.350 [2014-07-15 11:06:26.999998] continuity found: 8672496  
458737587.000000 q=100  
2014-07-15 23:07:20.350 [2014-07-15 11:06:26.999998] restoring continuity  
2014-07-15 23:07:20.350 Sending DT\_OPEN  
2014-07-15 23:07:20.350 Station: XX-2017  
2014-07-15 23:07:20.350 Q330 Serial Number: 0100000DB18FC351  
2014-07-15 23:07:20.350 AMB Serial Number: 0100000B6909DD82  
2014-07-15 23:07:20.350 Seismo 1 Serial Number: 0000000000000000  
2014-07-15 23:07:20.350 Seismo 2 Serial Number: 0000000000000000  
2014-07-15 23:07:20.350 QAPCHP 1 Serial Number: 4643206  
2014-07-15 23:07:20.350 QAPCHP 2 Serial Number: 3743050  
2014-07-15 23:07:20.350 KMI Property Tag Number: 2017  
2014-07-15 23:07:20.350 System Software Version: 1.146  
2014-07-15 23:07:20.350 Slave Processor Version: 1.11  
2014-07-15 23:07:20.350 Calibrator Type: QCAL330  
2014-07-15 23:07:20.350 Calibrator Version: 1.8  
2014-07-15 23:07:20.350 Auxiliary Board Type: None  
2014-07-15 23:07:20.350 Clock Type: Motorola M12

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2014-07-15 23:07:20.350 PLD Version: 7.9  
 2014-07-15 23:07:20.350 Total Hours: 67563.59  
 2014-07-15 23:07:20.350 Power On Hours: 32193.98  
 2014-07-15 23:07:20.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-15 23:07:20.350 Total Number of Boots: 120  
 2014-07-15 23:07:20.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-15 23:07:20.350 Total Number of Re-Syncs: 213  
 2014-07-15 23:07:20.350 Status Inputs: 00000000  
 2014-07-15 23:07:20.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-15 23:07:20.350 Clock Quality: 100%  
 2014-07-15 23:07:20.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-15 23:07:20.350 Clock Phase: 0 usec. max allowed=50000  
 2014-07-15 23:07:20.350 Boom positions:  
 2014-07-15 23:07:20.350 ch1: -2 ch2: -7 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-07-15 23:07:20.350 Analog Status  
 2014-07-15 23:07:20.350 Analog Positive Supply: 5.44V  
 2014-07-15 23:07:20.350 Input Voltage: 13.35V  
 2014-07-15 23:07:20.350 System Temperature: 5C  
 2014-07-15 23:07:20.350 Main Current: 62ma  
 2014-07-15 23:07:20.350 Antenna Current: 0ma  
 2014-07-15 23:07:20.350 GPS Status  
 2014-07-15 23:07:20.350 Time: 23:07:19  
 2014-07-15 23:07:20.350 Date:  
 2014-07-15 23:07:20.350 Fix Type: 1-D  
 2014-07-15 23:07:20.350 Height:  
 2014-07-15 23:07:20.350 Latitude:  
 2014-07-15 23:07:20.350 Longitude:  
 2014-07-15 23:07:20.350 On Time: 0min  
 2014-07-15 23:07:20.350 Sat. Used: 0  
 2014-07-15 23:07:20.350 In View: 0  
 2014-07-15 23:07:20.350 Checksum Errors: 0  
 2014-07-15 23:07:20.350 Last GPS timemark: 2014-07-15 23:07:18  
 2014-07-15 23:07:20.350 PLL Status  
 2014-07-15 23:07:20.350 State: Lock  
 2014-07-15 23:07:20.350 Initial VCO: 2200.515137  
 2014-07-15 23:07:20.350 Time Error: 0.000000  
 2014-07-15 23:07:20.350 RMS VCO: 0.000000  
 2014-07-15 23:07:20.350 Best VCO: 2200.50  
 2014-07-15 23:07:20.350 Seconds Since Track or Lock: 0.0  
 2014-07-15 23:07:20.350 Vco Control: 2201  
 2014-07-15 23:07:20.350 timing mode: external seascan  
 2014-07-15 23:07:20.350 tempco normal  
 2014-07-15 23:07:20.350 PLL update: 10s PLL lock criterion: 5us  
 2014-07-15 23:07:20.350 Pfrac: 150.00  
 2014-07-15 23:07:20.350 VCO slope: -0.0175000  
 2014-07-15 23:07:20.350 VCO intercept: 7.1100001  
 2014-07-15 23:07:20.350 Km delta: 600.000000  
 2014-07-15 23:07:20.350 Logical Port 4 Status  
 2014-07-15 23:07:20.350 Data Packets Sent: 9834693  
 2014-07-15 23:07:20.350 Flood Packets Sent: 0  
 2014-07-15 23:07:20.350 Packets Re-Sent: 14776  
 2014-07-15 23:07:20.350 Sequence Errors: 0  
 2014-07-15 23:07:20.350 Packet Buffer Used: 22129352  
 2014-07-15 23:07:20.350 Physical Port: Ethernet  
 2014-07-15 23:07:20.350 Baler Model: 14 Software Version: 2.28  
 2014-07-15 23:07:20.350 MAC Address: 00:04:FB:00:02:EA  
 2014-07-15 23:07:20.350 Disk Size: 20000669696  
 2014-07-15 23:07:20.350 Percent of 1177 data files in use: 20.2  
 2014-07-15 23:07:20.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-15 23:07:20.350 Channel Sensitivities (uV per count):  
 2014-07-15 23:07:20.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-15 23:07:20.350 Digitizer Calibration Results:  
 2014-07-15 23:07:20.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%

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2014-07-15 23:07:20.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-15 23:07:20.350 DMU1 Software Version=10
2014-07-15 23:07:20.350 Supply Voltage=12.6
2014-07-15 23:07:20.350 Supply Current=0.41
2014-07-15 23:07:20.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-15 23:07:20.350 WebLink Data Maps Restored
2014-07-15 23:07:20.350 [2014-07-15 11:06:26.999998] sequence resumes: 8672496 to
8672496
2014-07-15 23:07:20.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-15 23:07:19
2014-07-15 23:13:05.060 Reducing Status Polling Interval
2014-07-15 23:13:05.060 [2014-07-15 23:13:03.999998] total packets received: 53177
2014-07-15 23:13:05.060 [2014-07-15 23:13:03.999998] command timeouts: 6
2014-07-15 23:13:05.060 [2014-07-15 23:13:03.999998] out of window: 87
2014-07-15 23:13:05.060 written: HHZ-1135 HH1-1387 HH2-1392 BDH-437 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-15 23:13:05.060 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-15 23:13:05.060 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-15 23:13:05.060 [2014-07-15 23:13:03.999998] Done: 4493 recs. seq end:
8716093. run: 340 s
2014-07-16 11:13:57.410
2014-07-16 11:13:57.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-16 11:13:57.410 Control Port 2491 Opened
2014-07-16 11:13:57.410 Baler ready on Ethernet
2014-07-16 11:13:57.410 Power Cycled Baler Acknowledged
2014-07-16 11:13:57.410 Commands Accepted by Q330
2014-07-16 11:13:57.410 Access timeout: 300 sec
2014-07-16 11:13:57.410 Control Port 4023 Opened
2014-07-16 11:13:57.410 Data Port 4024 Opened
2014-07-16 11:13:57.410 Registered with Q330
2014-07-16 11:13:57.410 Combination Record Received
2014-07-16 11:13:57.410 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-16 11:13:57.410 Link Reset, starting window sequence: 56316
2014-07-16 11:13:57.410 GPS Receiver ID Received
2014-07-16 11:13:57.410 Manufacturer's Data Received, Property Tag=2017
2014-07-16 11:13:57.410 Digitizer Gain & Offsets Received
2014-07-16 11:13:57.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4493 recs.
seq end: 8716093
2014-07-16 11:13:57.410 Baler clock set to 2014-07-16 11:13:56
2014-07-16 11:13:57.410 Starting to Read DP Tokens
2014-07-16 11:13:57.410 DP Tokens loaded, size=1474 bytes
2014-07-16 11:13:57.410 webserver advertising 192.168.200.119:5380
2014-07-16 11:13:57.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-16 11:13:57.410 filters & delay HH1:2@100,Linear all=0.320000
2014-07-16 11:13:57.410 filters & delay HH2:3@100,Linear all=0.320000
2014-07-16 11:13:57.410 filters & delay BDH:4@20,Linear all=1.650000
2014-07-16 11:13:57.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-16 11:13:57.410 filters & delay LH1:2@1,Linear all=15.000000
2014-07-16 11:13:57.410 filters & delay LH2:3@1,Linear all=15.000000
2014-07-16 11:13:57.410 filters & delay LDH:4@1,Linear all=15.000000
2014-07-16 11:13:57.410 [2014-07-15 23:13:03.999998] continuity found: 8716093
458781184.000000 q=100
2014-07-16 11:13:57.410 [2014-07-15 23:13:03.999998] restoring continuity
2014-07-16 11:13:57.410 Sending DT_OPEN
2014-07-16 11:13:57.410 Station: XX-2017
2014-07-16 11:13:57.410 Q330 Serial Number: 0100000DB18FC351
2014-07-16 11:13:57.410 AMB Serial Number: 0100000B6909DD82
2014-07-16 11:13:57.410 Seismo 1 Serial Number: 0000000000000000
2014-07-16 11:13:57.410 Seismo 2 Serial Number: 0000000000000000
2014-07-16 11:13:57.410 QAPCHP 1 Serial Number: 4643206
2014-07-16 11:13:57.410 QAPCHP 2 Serial Number: 3743050
2014-07-16 11:13:57.410 KMI Property Tag Number: 2017

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2014-07-16 11:13:57.410 System Software Version: 1.146  
 2014-07-16 11:13:57.410 Slave Processor Version: 1.11  
 2014-07-16 11:13:57.410 Calibrator Type: QCAL330  
 2014-07-16 11:13:57.410 Calibrator Version: 1.8  
 2014-07-16 11:13:57.410 Auxiliary Board Type: None  
 2014-07-16 11:13:57.410 Clock Type: Motorola M12  
 2014-07-16 11:13:57.410 PLD Version: 7.9  
 2014-07-16 11:13:57.410 Total Hours: 67575.70  
 2014-07-16 11:13:57.410 Power On Hours: 32206.09  
 2014-07-16 11:13:57.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-16 11:13:57.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-16 11:13:57.410 Total Number of Re-Syncs: 213  
 2014-07-16 11:13:57.410 Status Inputs: 00000000  
 2014-07-16 11:13:57.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-16 11:13:57.410 Clock Quality: 100%  
 2014-07-16 11:13:57.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-16 11:13:57.410 Clock Phase: 0 usec. max allowed=50000  
 2014-07-16 11:13:57.410 Boom positions:  
 2014-07-16 11:13:57.410 ch1: -2 ch2: -7 ch3: 6 ch4: 20 ch5: 20 ch6: 20  
 2014-07-16 11:13:57.410 Analog Status  
 2014-07-16 11:13:57.410 Analog Positive Supply: 5.46V  
 2014-07-16 11:13:57.410 Input Voltage: 13.35V  
 2014-07-16 11:13:57.410 System Temperature: 5C  
 2014-07-16 11:13:57.410 Main Current: 61ma  
 2014-07-16 11:13:57.410 Antenna Current: 0ma  
 2014-07-16 11:13:57.410 GPS Status  
 2014-07-16 11:13:57.410 Time: 11:13:56  
 2014-07-16 11:13:57.410 Date:  
 2014-07-16 11:13:57.410 Fix Type: 1-D  
 2014-07-16 11:13:57.410 Height:  
 2014-07-16 11:13:57.410 Latitude:  
 2014-07-16 11:13:57.410 Longitude:  
 2014-07-16 11:13:57.410 On Time: 0min  
 2014-07-16 11:13:57.410 Sat. Used: 0  
 2014-07-16 11:13:57.410 In View: 0  
 2014-07-16 11:13:57.410 Checksum Errors: 0  
 2014-07-16 11:13:57.410 Last GPS timemark: 2014-07-16 11:13:55  
 2014-07-16 11:13:57.410 PLL Status  
 2014-07-16 11:13:57.410 State: Lock  
 2014-07-16 11:13:57.410 Initial VCO: 2200.936279  
 2014-07-16 11:13:57.410 Time Error: 0.000000  
 2014-07-16 11:13:57.410 RMS VCO: 0.0000000  
 2014-07-16 11:13:57.410 Best VCO: 2200.96  
 2014-07-16 11:13:57.410 Seconds Since Track or Lock: 0.0  
 2014-07-16 11:13:57.410 Vco Control: 2201  
 2014-07-16 11:13:57.410 timing mode: external seascan  
 2014-07-16 11:13:57.410 tempco normal  
 2014-07-16 11:13:57.410 PLL update: 10s PLL lock criterion: 5us  
 2014-07-16 11:13:57.410 Pfrac: 150.00  
 2014-07-16 11:13:57.410 VCO slope: -0.0175000  
 2014-07-16 11:13:57.410 VCO intercept: 7.1100001  
 2014-07-16 11:13:57.410 km delta: 600.0000000  
 2014-07-16 11:13:57.410 Logical Port 4 Status  
 2014-07-16 11:13:57.410 Data Packets Sent: 9887752  
 2014-07-16 11:13:57.410 Flood Packets Sent: 0  
 2014-07-16 11:13:57.410 Packets Re-Sent: 14881  
 2014-07-16 11:13:57.410 Sequence Errors: 0  
 2014-07-16 11:13:57.410 Packet Buffer Used: 22217024  
 2014-07-16 11:13:57.410 Physical Port: Ethernet  
 2014-07-16 11:13:57.410 Baler Model: 14 Software Version: 2.28  
 2014-07-16 11:13:57.410 MAC Address: 00:04:FB:00:02:EA  
 2014-07-16 11:13:57.410 Disk Size: 20000669696  
 2014-07-16 11:13:57.410 Percent of 1177 data files in use: 20.3

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2014-07-16 11:13:57.410 Channels Enabled: 1234 Preamps ON channels:
2014-07-16 11:13:57.410 Channel Sensitivities (uV per count):
2014-07-16 11:13:57.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-16 11:13:57.410 Digitizer Calibration Results:
2014-07-16 11:13:57.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-16 11:13:57.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-16 11:13:57.410 DMU1 Software Version=10
2014-07-16 11:13:57.410 Supply Voltage=12.7
2014-07-16 11:13:57.410 Supply Current=0.41
2014-07-16 11:13:57.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-16 11:13:57.410 WebLink Data Maps Restored
2014-07-16 11:13:57.410 [2014-07-15 23:13:03.999998] sequence resumes: 8716093 to
8716093
2014-07-16 11:13:57.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-16 11:13:56
2014-07-16 11:13:57.410 [2014-07-16 00:00:00.000000] saving Configuration to Backup
Memory
2014-07-16 11:19:26.740 [2014-07-16 11:19:25.000000] total packets received: 49613
2014-07-16 11:19:26.740 [2014-07-16 11:19:25.000000] command timeouts: 6
2014-07-16 11:19:26.740 [2014-07-16 11:19:25.000000] out of window: 62
2014-07-16 11:19:26.740 written: HHZ-1172 HH1-1366 HH2-1391 BDH-445 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-16 11:19:26.740 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-07-16 11:19:26.740 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-16 11:19:26.740 [2014-07-16 11:19:25.000000] Done: 4519 recs. seq end:
8759674. run: 325 s
2014-07-16 23:20:17.320
2014-07-16 23:20:17.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-16 23:20:17.320 Control Port 2491 Opened
2014-07-16 23:20:17.320 Baler ready on Ethernet
2014-07-16 23:20:17.320 Power Cycled Baler Acknowledged
2014-07-16 23:20:17.320 Commands Accepted by Q330
2014-07-16 23:20:17.320 Access timeout: 300 sec
2014-07-16 23:20:17.320 Control Port 4023 Opened
2014-07-16 23:20:17.320 Data Port 4024 Opened
2014-07-16 23:20:17.320 Registered with Q330
2014-07-16 23:20:17.320 Combination Record Received
2014-07-16 23:20:17.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-16 23:20:17.320 Link Reset, starting window sequence: 40296
2014-07-16 23:20:17.320 GPS Receiver ID Received
2014-07-16 23:20:17.320 Manufacturer's Data Received, Property Tag=2017
2014-07-16 23:20:17.320 Digitizer Gain & Offsets Received
2014-07-16 23:20:17.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4519 recs.
seq end: 8759674
2014-07-16 23:20:17.320 Baler clock set to 2014-07-16 23:20:16
2014-07-16 23:20:17.320 Starting to Read DP Tokens
2014-07-16 23:20:17.320 DP Tokens loaded, size=1474 bytes
2014-07-16 23:20:17.320 Webserver advertising 192.168.200.119:5380
2014-07-16 23:20:17.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-16 23:20:17.320 filters & delay HH1:2@100,Linear all=0.320000
2014-07-16 23:20:17.320 filters & delay HH2:3@100,Linear all=0.320000
2014-07-16 23:20:17.320 filters & delay BDH:4@20,Linear all=1.650000
2014-07-16 23:20:17.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-16 23:20:17.320 filters & delay LH1:2@1,Linear all=15.000000
2014-07-16 23:20:17.320 filters & delay LH2:3@1,Linear all=15.000000
2014-07-16 23:20:17.320 filters & delay LDH:4@1,Linear all=15.000000
2014-07-16 23:20:17.320 [2014-07-16 11:19:25.000000] continuity found: 8759674
458824765.000000 Q=100
2014-07-16 23:20:17.320 [2014-07-16 11:19:25.000000] restoring continuity
2014-07-16 23:20:17.320 Sending DT_OPEN
2014-07-16 23:20:17.320 Station: XX-2017
2014-07-16 23:20:17.320 Q330 Serial Number: 0100000DB18FC351

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2014-07-16 23:20:17.320 AMB Serial Number: 0100000B6909DD82  
 2014-07-16 23:20:17.320 Seismo 1 Serial Number: 0000000000000000  
 2014-07-16 23:20:17.320 Seismo 2 Serial Number: 0000000000000000  
 2014-07-16 23:20:17.320 QAPCHP 1 Serial Number: 4643206  
 2014-07-16 23:20:17.320 QAPCHP 2 Serial Number: 3743050  
 2014-07-16 23:20:17.320 KMI Property Tag Number: 2017  
 2014-07-16 23:20:17.320 System Software Version: 1.146  
 2014-07-16 23:20:17.320 Slave Processor Version: 1.11  
 2014-07-16 23:20:17.320 Calibrator Type: QCAL330  
 2014-07-16 23:20:17.320 Calibrator Version: 1.8  
 2014-07-16 23:20:17.320 Auxiliary Board Type: None  
 2014-07-16 23:20:17.320 Clock Type: Motorola M12  
 2014-07-16 23:20:17.320 PLD Version: 7.9  
 2014-07-16 23:20:17.320 Total Hours: 67587.81  
 2014-07-16 23:20:17.320 Power On Hours: 32218.19  
 2014-07-16 23:20:17.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-16 23:20:17.320 Total Number of Boots: 120  
 2014-07-16 23:20:17.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-16 23:20:17.320 Total Number of Re-Syncs: 213  
 2014-07-16 23:20:17.320 Status Inputs: 00000000  
 2014-07-16 23:20:17.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-16 23:20:17.320 Clock Quality: 100%  
 2014-07-16 23:20:17.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-16 23:20:17.320 Clock Phase: 0 usec. max allowed=50000  
 2014-07-16 23:20:17.320 Boom positions:  
 2014-07-16 23:20:17.320 ch1: -2 ch2: -7 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-07-16 23:20:17.320 Analog Status  
 2014-07-16 23:20:17.320 Analog Positive Supply: 5.46V  
 2014-07-16 23:20:17.320 Input Voltage: 13.20V  
 2014-07-16 23:20:17.320 System Temperature: 5C  
 2014-07-16 23:20:17.320 Main Current: 62ma  
 2014-07-16 23:20:17.320 Antenna Current: 0ma  
 2014-07-16 23:20:17.320 GPS Status  
 2014-07-16 23:20:17.320 Time: 23:20:16  
 2014-07-16 23:20:17.320 Date:  
 2014-07-16 23:20:17.320 Fix Type: 1-D  
 2014-07-16 23:20:17.320 Height:  
 2014-07-16 23:20:17.320 Latitude:  
 2014-07-16 23:20:17.320 Longitude:  
 2014-07-16 23:20:17.320 On Time: 0min  
 2014-07-16 23:20:17.320 Sat. Used: 0  
 2014-07-16 23:20:17.320 In View: 0  
 2014-07-16 23:20:17.320 Checksum Errors: 0  
 2014-07-16 23:20:17.320 Last GPS timemark: 2014-07-16 23:20:15  
 2014-07-16 23:20:17.320 PLL Status  
 2014-07-16 23:20:17.320 State: Lock  
 2014-07-16 23:20:17.320 Initial VCO: 2200.317139  
 2014-07-16 23:20:17.320 Time Error: 0.000000  
 2014-07-16 23:20:17.320 RMS VCO: 0.000000  
 2014-07-16 23:20:17.320 Best VCO: 2200.35  
 2014-07-16 23:20:17.320 Seconds Since Track or Lock: 0.0  
 2014-07-16 23:20:17.320 Vco Control: 2200  
 2014-07-16 23:20:17.320 timing mode: external seascan  
 2014-07-16 23:20:17.320 tempco normal  
 2014-07-16 23:20:17.320 PLL update: 10s PLL lock criterion: 5us  
 2014-07-16 23:20:17.320 Pfrac: 150.00  
 2014-07-16 23:20:17.320 VCO slope: -0.0175000  
 2014-07-16 23:20:17.320 VCO intercept: 7.1100001  
 2014-07-16 23:20:17.320 km delta: 600.000000  
 2014-07-16 23:20:17.320 Logical Port 4 Status  
 2014-07-16 23:20:17.320 Data Packets Sent: 9937273  
 2014-07-16 23:20:17.320 Flood Packets Sent: 0  
 2014-07-16 23:20:17.320 Packets Re-Sent: 14959



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2014-07-16 23:20:17.320 Sequence Errors: 0  
 2014-07-16 23:20:17.320 Packet Buffer Used: 23220688  
 2014-07-16 23:20:17.320 Physical Port: Ethernet  
 2014-07-16 23:20:17.320 Baler Model: 14 Software Version: 2.28  
 2014-07-16 23:20:17.320 MAC Address: 00:04:FB:00:02:EA  
 2014-07-16 23:20:17.320 Disk Size: 20000669696  
 2014-07-16 23:20:17.320 Percent of 1177 data files in use: 20.4  
 2014-07-16 23:20:17.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-16 23:20:17.320 Channel Sensitivities (uV per count):  
 2014-07-16 23:20:17.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-16 23:20:17.320 Digitizer Calibration Results:  
 2014-07-16 23:20:17.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-16 23:20:17.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-16 23:20:17.320 DMU1 Software Version=10  
 2014-07-16 23:20:17.320 Supply Voltage=12.8  
 2014-07-16 23:20:17.320 Supply Current=0.41  
 2014-07-16 23:20:17.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-16 23:20:17.320 WebLink Data Maps Restored  
 2014-07-16 23:20:17.320 [2014-07-16 11:19:25.000000] sequence resumes: 8759674 to 8759674  
 2014-07-16 23:20:17.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-16 23:20:16  
 2014-07-16 23:26:05.720 Reducing Status Polling Interval  
 2014-07-16 23:26:05.720 [2014-07-16 23:26:04.999998] total packets received: 62396  
 2014-07-16 23:26:05.720 [2014-07-16 23:26:04.999998] command timeouts: 6  
 2014-07-16 23:26:05.720 [2014-07-16 23:26:04.999998] out of window: 63  
 2014-07-16 23:26:05.720 written: HHZ-1181 HH1-1513 HH2-1477 BDH-443 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-07-16 23:26:05.720 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-1 VM1-1  
 2014-07-16 23:26:05.720 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-07-16 23:26:05.720 [2014-07-16 23:26:04.999998] Done: 4747 recs. seq end: 8803274. run: 345 s  
 2014-07-17 11:27:00.310  
 2014-07-17 11:27:00.310 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-17 11:27:00.310 Control Port 2491 Opened  
 2014-07-17 11:27:00.310 Baler ready on Ethernet  
 2014-07-17 11:27:00.310 Power Cycled Baler Acknowledged  
 2014-07-17 11:27:00.310 Commands Accepted by Q330  
 2014-07-17 11:27:00.310 Access timeout: 300 sec  
 2014-07-17 11:27:00.310 Control Port 4023 Opened  
 2014-07-17 11:27:00.310 Registered with Q330  
 2014-07-17 11:27:00.310 Combination Record Received  
 2014-07-17 11:27:00.310 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-17 11:27:00.310 Link Reset, starting window sequence: 37056  
 2014-07-17 11:27:00.310 GPS Receiver ID Received  
 2014-07-17 11:27:00.310 Manufacturer's Data Received, Property Tag=2017  
 2014-07-17 11:27:00.310 Digitizer Gain & Offsets Received  
 2014-07-17 11:27:00.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4747 recs. seq end: 8803274  
 2014-07-17 11:27:00.310 Baler clock set to 2014-07-17 11:26:59  
 2014-07-17 11:27:00.310 Starting to Read DP Tokens  
 2014-07-17 11:27:00.310 DP Tokens loaded, size=1474 bytes  
 2014-07-17 11:27:00.310 webserver advertising 192.168.200.119:5380  
 2014-07-17 11:27:00.310 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-17 11:27:00.310 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-17 11:27:00.310 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-17 11:27:00.310 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-17 11:27:00.310 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-17 11:27:00.310 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-17 11:27:00.310 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-17 11:27:00.310 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-17 11:27:00.310 [2014-07-16 23:26:04.999998] continuity found: 8803274

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458868365.000000 Q=100
2014-07-17 11:27:00.310 [2014-07-16 23:26:04.999998] restoring continuity
2014-07-17 11:27:00.310 Sending DT_OPEN
2014-07-17 11:27:00.310 Station: XX-2017
2014-07-17 11:27:00.310 Q330 Serial Number: 0100000DB18FC351
2014-07-17 11:27:00.310 AMB Serial Number: 0100000B6909DD82
2014-07-17 11:27:00.310 Seismo 1 Serial Number: 0000000000000000
2014-07-17 11:27:00.310 Seismo 2 Serial Number: 0000000000000000
2014-07-17 11:27:00.310 QAPCHP 1 Serial Number: 4643206
2014-07-17 11:27:00.310 QAPCHP 2 Serial Number: 3743050
2014-07-17 11:27:00.310 KMI Property Tag Number: 2017
2014-07-17 11:27:00.310 System Software Version: 1.146
2014-07-17 11:27:00.310 Slave Processor Version: 1.11
2014-07-17 11:27:00.310 Calibrator Type: QCAL330
2014-07-17 11:27:00.310 Calibrator Version: 1.8
2014-07-17 11:27:00.310 Auxiliary Board Type: None
2014-07-17 11:27:00.310 Clock Type: Motorola M12
2014-07-17 11:27:00.310 PLD Version: 7.9
2014-07-17 11:27:00.310 Total Hours: 67599.92
2014-07-17 11:27:00.310 Power On Hours: 32230.30
2014-07-17 11:27:00.310 Time of Last Boot: 2014-04-06 02:03:58
2014-07-17 11:27:00.310 Total Number of Boots: 120
2014-07-17 11:27:00.310 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-17 11:27:00.310 Total Number of Re-Syncs: 213
2014-07-17 11:27:00.310 Status Inputs: 00000000
2014-07-17 11:27:00.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-17 11:27:00.310 Clock Quality: 100%
2014-07-17 11:27:00.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-17 11:27:00.310 Clock Phase: 0 usec. max allowed=50000
2014-07-17 11:27:00.310 Boom positions:
2014-07-17 11:27:00.310 Ch1: -2 Ch2: -7 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-17 11:27:00.310 Analog Status
2014-07-17 11:27:00.310 Analog Positive Supply: 5.46V
2014-07-17 11:27:00.310 Input Voltage: 13.35V
2014-07-17 11:27:00.310 System Temperature: 5C
2014-07-17 11:27:00.310 Main Current: 61ma
2014-07-17 11:27:00.310 Antenna Current: 0ma
2014-07-17 11:27:00.310 GPS Status
2014-07-17 11:27:00.310 Time: 11:26:59
2014-07-17 11:27:00.310 Date:
2014-07-17 11:27:00.310 Fix Type: 1-D
2014-07-17 11:27:00.310 Height:
2014-07-17 11:27:00.310 Latitude:
2014-07-17 11:27:00.310 Longitude:
2014-07-17 11:27:00.310 On Time: 0min
2014-07-17 11:27:00.310 Sat. Used: 0
2014-07-17 11:27:00.310 In View: 0
2014-07-17 11:27:00.310 Checksum Errors: 0
2014-07-17 11:27:00.310 Last GPS timemark: 2014-07-17 11:26:58
2014-07-17 11:27:00.310 PLL Status
2014-07-17 11:27:00.310 State: Lock
2014-07-17 11:27:00.310 Initial VCO: 2200.029053
2014-07-17 11:27:00.310 Time Error: 0.000000
2014-07-17 11:27:00.310 RMS VCO: 0.0000000
2014-07-17 11:27:00.310 Best VCO: 2200.02
2014-07-17 11:27:00.310 Seconds Since Track or Lock: 0.0
2014-07-17 11:27:00.310 Vco Control: 2200
2014-07-17 11:27:00.310 timing mode: external seascan
2014-07-17 11:27:00.310 tempco normal
2014-07-17 11:27:00.310 PLL update: 10s PLL lock criterion: 5us
2014-07-17 11:27:00.310 Pfrac: 150.00
2014-07-17 11:27:00.310 VCO slope: -0.0175000
2014-07-17 11:27:00.310 VCO intercept: 7.1100001

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2014-07-17 11:27:00.310 Km delta: 600.000000
2014-07-17 11:27:00.310 Logical Port 4 Status
2014-07-17 11:27:00.310 Data Packets Sent: 9999575
2014-07-17 11:27:00.310 Flood Packets Sent: 0
2014-07-17 11:27:00.310 Packets Re-Sent: 15038
2014-07-17 11:27:00.310 Sequence Errors: 0
2014-07-17 11:27:00.310 Packet Buffer Used: 22424100
2014-07-17 11:27:00.310 Physical Port: Ethernet
2014-07-17 11:27:00.310 Baler Model: 14 Software Version: 2.28
2014-07-17 11:27:00.310 MAC Address: 00:04:FB:00:02:EA
2014-07-17 11:27:00.310 Disk Size: 20000669696
2014-07-17 11:27:00.310 Percent of 1177 data files in use: 20.5
2014-07-17 11:27:00.310 Channels Enabled: 1234 Preamps ON channels:
2014-07-17 11:27:00.310 Channel Sensitivities (uV per count):
2014-07-17 11:27:00.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-17 11:27:00.310 Digitizer Calibration Results:
2014-07-17 11:27:00.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-17 11:27:00.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-17 11:27:00.310 DMU1 Software Version=10
2014-07-17 11:27:00.310 Supply Voltage=12.7
2014-07-17 11:27:00.310 Supply Current=0.41
2014-07-17 11:27:00.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-17 11:27:00.310 webLink Data Maps Restored
2014-07-17 11:27:00.310 [2014-07-16 23:26:04.999998] sequence resumes: 8803274 to
8803274
2014-07-17 11:27:00.310 [2014-07-17 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-17 11:27:00.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-07-17 11:26:59
2014-07-17 11:32:40.030 Reducing Status Polling Interval
2014-07-17 11:32:40.030 [2014-07-17 11:32:40.000000] total packets received: 55277
2014-07-17 11:32:40.030 [2014-07-17 11:32:40.000000] command timeouts: 6
2014-07-17 11:32:40.030 [2014-07-17 11:32:40.000000] out of window: 72
2014-07-17 11:32:40.030 written: HHZ-1156 HH1-1404 HH2-1423 BDH-443 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-17 11:32:40.030 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-07-17 11:32:40.030 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-17 11:32:40.030 [2014-07-17 11:32:40.000000] Done: 4571 recs. seq end:
8846869. run: 336 s
2014-07-17 23:33:33.360
2014-07-17 23:33:33.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-17 23:33:33.360 Control Port 2491 Opened
2014-07-17 23:33:33.360 Baler ready on Ethernet
2014-07-17 23:33:33.360 Power Cycled Baler Acknowledged
2014-07-17 23:33:33.360 Commands Accepted by Q330
2014-07-17 23:33:33.360 Access timeout: 300 sec
2014-07-17 23:33:33.360 Control Port 4023 Opened
2014-07-17 23:33:33.360 Data Port 4024 Opened
2014-07-17 23:33:33.360 Registered with Q330
2014-07-17 23:33:33.360 Combination Record Received
2014-07-17 23:33:33.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-17 23:33:33.360 Link Reset, starting window sequence: 26688
2014-07-17 23:33:33.360 GPS Receiver ID Received
2014-07-17 23:33:33.360 Manufacturer's Data Received, Property Tag=2017
2014-07-17 23:33:33.360 Digitizer Gain & Offsets Received
2014-07-17 23:33:33.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4571 recs.
seq end: 8846869
2014-07-17 23:33:33.360 Baler clock set to 2014-07-17 23:33:32
2014-07-17 23:33:33.360 Starting to Read DP Tokens
2014-07-17 23:33:33.360 DP Tokens loaded, size=1474 bytes
2014-07-17 23:33:33.360 webserver advertising 192.168.200.119:5380
2014-07-17 23:33:33.360 filters & delay HHZ:1@100,Linear all=0.320000

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2014-07-17 23:33:33.360 filters & delay HH1:2@100,Linear all=0.320000
2014-07-17 23:33:33.360 filters & delay HH2:3@100,Linear all=0.320000
2014-07-17 23:33:33.360 filters & delay BDH:4@20,Linear all=1.650000
2014-07-17 23:33:33.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-17 23:33:33.360 filters & delay LH1:2@1,Linear all=15.000000
2014-07-17 23:33:33.360 filters & delay LH2:3@1,Linear all=15.000000
2014-07-17 23:33:33.360 filters & delay LDH:4@1,Linear all=15.000000
2014-07-17 23:33:33.360 [2014-07-17 11:32:40.000000] continuity found: 8846869
458911960.000000 Q=100
2014-07-17 23:33:33.360 [2014-07-17 11:32:40.000000] restoring continuity
2014-07-17 23:33:33.360 Sending DT_OPEN
2014-07-17 23:33:33.360 Station: XX-2017
2014-07-17 23:33:33.360 Q330 Serial Number: 0100000DB18FC351
2014-07-17 23:33:33.360 AMB Serial Number: 0100000B6909DD82
2014-07-17 23:33:33.360 Seismo 1 Serial Number: 0000000000000000
2014-07-17 23:33:33.360 Seismo 2 Serial Number: 0000000000000000
2014-07-17 23:33:33.360 QAPCHP 1 Serial Number: 4643206
2014-07-17 23:33:33.360 QAPCHP 2 Serial Number: 3743050
2014-07-17 23:33:33.360 KMI Property Tag Number: 2017
2014-07-17 23:33:33.360 System Software Version: 1.146
2014-07-17 23:33:33.360 Slave Processor Version: 1.11
2014-07-17 23:33:33.360 Calibrator Type: QCAL330
2014-07-17 23:33:33.360 Calibrator Version: 1.8
2014-07-17 23:33:33.360 Auxiliary Board Type: None
2014-07-17 23:33:33.360 Clock Type: Motorola M12
2014-07-17 23:33:33.360 PLD Version: 7.9
2014-07-17 23:33:33.360 Total Hours: 67612.03
2014-07-17 23:33:33.360 Power On Hours: 32242.41
2014-07-17 23:33:33.360 Time of Last Boot: 2014-04-06 02:03:58
2014-07-17 23:33:33.360 Total Number of Boots: 120
2014-07-17 23:33:33.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-17 23:33:33.360 Total Number of Re-Syncs: 213
2014-07-17 23:33:33.360 Status Inputs: 00000000
2014-07-17 23:33:33.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-17 23:33:33.360 Clock Quality: 100%
2014-07-17 23:33:33.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-17 23:33:33.360 Clock Phase: 0 usec. max allowed=50000
2014-07-17 23:33:33.360 Boom positions:
2014-07-17 23:33:33.360 ch1: -2 ch2: -7 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-07-17 23:33:33.360 Analog Status
2014-07-17 23:33:33.360 Analog Positive Supply: 5.46V
2014-07-17 23:33:33.360 Input Voltage: 13.35V
2014-07-17 23:33:33.360 System Temperature: 5C
2014-07-17 23:33:33.360 Main Current: 61ma
2014-07-17 23:33:33.360 Antenna Current: 0ma
2014-07-17 23:33:33.360 GPS Status
2014-07-17 23:33:33.360 Time: 23:33:32
2014-07-17 23:33:33.360 Date:
2014-07-17 23:33:33.360 Fix Type: 1-D
2014-07-17 23:33:33.360 Height:
2014-07-17 23:33:33.360 Latitude:
2014-07-17 23:33:33.360 Longitude:
2014-07-17 23:33:33.360 On Time: 0min
2014-07-17 23:33:33.360 Sat. Used: 0
2014-07-17 23:33:33.360 In View: 0
2014-07-17 23:33:33.360 Checksum Errors: 0
2014-07-17 23:33:33.360 Last GPS timemark: 2014-07-17 23:33:31
2014-07-17 23:33:33.360 PLL Status
2014-07-17 23:33:33.360 State: Lock
2014-07-17 23:33:33.360 Initial VCO: 2200.049805
2014-07-17 23:33:33.360 Time Error: 0.000000
2014-07-17 23:33:33.360 RMS VCO: 0.0000000
2014-07-17 23:33:33.360 Best VCO: 2200.03

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2014-07-17 23:33:33.360 Seconds Since Track or Lock: 0.0
2014-07-17 23:33:33.360 Vco Control: 2200
2014-07-17 23:33:33.360 timing mode: external seascan
2014-07-17 23:33:33.360 tempco normal
2014-07-17 23:33:33.360 PLL update: 10s PLL lock criterion: 5us
2014-07-17 23:33:33.360 Pfrac: 150.00
2014-07-17 23:33:33.360 VCO intercept: 7.1100001
2014-07-17 23:33:33.360 Km delta: 600.0000000
2014-07-17 23:33:33.360 Logical Port 4 Status
2014-07-17 23:33:33.360 Data Packets Sent: 10054749
2014-07-17 23:33:33.360 Flood Packets Sent: 0
2014-07-17 23:33:33.360 Packets Re-Sent: 15124
2014-07-17 23:33:33.360 Sequence Errors: 0
2014-07-17 23:33:33.360 Packet Buffer Used: 23234988
2014-07-17 23:33:33.360 Physical Port: Ethernet
2014-07-17 23:33:33.360 Baler Model: 14 Software Version: 2.28
2014-07-17 23:33:33.360 MAC Address: 00:04:FB:00:02:EA
2014-07-17 23:33:33.360 Disk Size: 20000669696
2014-07-17 23:33:33.360 Percent of 1177 data files in use: 20.6
2014-07-17 23:33:33.360 Channels Enabled: 1234 Preamps ON channels:
2014-07-17 23:33:33.360 Channel Sensitivities (uV per count):
2014-07-17 23:33:33.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-17 23:33:33.360 Digitizer Calibration Results:
2014-07-17 23:33:33.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-17 23:33:33.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-17 23:33:33.360 DMU1 Software Version=10
2014-07-17 23:33:33.360 Supply Voltage=12.7
2014-07-17 23:33:33.360 Supply Current=0.41
2014-07-17 23:33:33.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-17 23:33:33.360 WebLink Data Maps Restored
2014-07-17 23:33:33.360 [2014-07-17 11:32:40.000000] sequence resumes: 8846869 to
8846869
2014-07-17 23:33:33.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-17 23:33:32
2014-07-17 23:36:20.660 Reducing Status Polling Interval
2014-07-17 23:39:23.020 [2014-07-17 23:35:18.000000] total packets received: 59940
2014-07-17 23:39:23.020 [2014-07-17 23:35:18.000000] command timeouts: 6
2014-07-17 23:39:23.020 [2014-07-17 23:35:18.000000] out of window: 75
2014-07-17 23:39:23.020 written: HHZ-1190 HH1-1410 HH2-1550 BDH-442 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-17 23:39:23.020 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2014-07-17 23:39:23.020 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1
2014-07-17 23:39:23.020 [2014-07-17 23:35:18.000000] Done: 4735 recs. seq end:
8890227. run: 345 s
2014-07-18 11:40:15.360
2014-07-18 11:40:15.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-18 11:40:15.360 Control Port 2491 Opened
2014-07-18 11:40:15.360 Baler ready on Ethernet
2014-07-18 11:40:15.360 Power Cycled Baler Acknowledged
2014-07-18 11:40:15.360 Commands Accepted by Q330
2014-07-18 11:40:15.360 Access timeout: 300 sec
2014-07-18 11:40:15.360 Control Port 4023 Opened
2014-07-18 11:40:15.360 Data Port 4024 Opened
2014-07-18 11:40:15.360 Registered with Q330
2014-07-18 11:40:15.360 Combination Record Received
2014-07-18 11:40:15.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-18 11:40:15.360 Link Reset, starting window sequence: 20954
2014-07-18 11:40:15.360 GPS Receiver ID Received
2014-07-18 11:40:15.360 Manufacturer's Data Received, Property Tag=2017
2014-07-18 11:40:15.360 Digitizer Gain & Offsets Received
2014-07-18 11:40:15.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4735 recs.
seq end: 8890227

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2014-07-18 11:40:15.360 Baler clock set to 2014-07-18 11:40:14  
 2014-07-18 11:40:15.360 Starting to Read DP Tokens  
 2014-07-18 11:40:15.360 DP Tokens loaded, size=1474 bytes  
 2014-07-18 11:40:15.360 Webserver advertising 192.168.200.119:5380  
 2014-07-18 11:40:15.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-18 11:40:15.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-18 11:40:15.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-18 11:40:15.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-18 11:40:15.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-18 11:40:15.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-18 11:40:15.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-18 11:40:15.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-18 11:40:15.360 [2014-07-17 23:35:18.000000] continuity found: 8890227  
 458955318.000000 Q=100  
 2014-07-18 11:40:15.360 [2014-07-17 23:35:18.000000] restoring continuity  
 2014-07-18 11:40:15.360 Sending DT\_OPEN  
 2014-07-18 11:40:15.360 Station: XX-2017  
 2014-07-18 11:40:15.360 Q330 Serial Number: 0100000DB18FC351  
 2014-07-18 11:40:15.360 AMB Serial Number: 0100000B6909DD82  
 2014-07-18 11:40:15.360 Seismo 1 Serial Number: 0000000000000000  
 2014-07-18 11:40:15.360 Seismo 2 Serial Number: 0000000000000000  
 2014-07-18 11:40:15.360 QAPCHP 1 Serial Number: 4643206  
 2014-07-18 11:40:15.360 QAPCHP 2 Serial Number: 3743050  
 2014-07-18 11:40:15.360 KMI Property Tag Number: 2017  
 2014-07-18 11:40:15.360 System Software Version: 1.146  
 2014-07-18 11:40:15.360 Slave Processor Version: 1.11  
 2014-07-18 11:40:15.360 Calibrator Type: QCAL330  
 2014-07-18 11:40:15.360 Calibrator Version: 1.8  
 2014-07-18 11:40:15.360 Auxiliary Board Type: None  
 2014-07-18 11:40:15.360 Clock Type: Motorola M12  
 2014-07-18 11:40:15.360 PLD Version: 7.9  
 2014-07-18 11:40:15.360 Total Hours: 67624.14  
 2014-07-18 11:40:15.360 Power On Hours: 32254.53  
 2014-07-18 11:40:15.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-18 11:40:15.360 Total Number of Boots: 120  
 2014-07-18 11:40:15.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-18 11:40:15.360 Total Number of Re-Syncs: 213  
 2014-07-18 11:40:15.360 Status Inputs: 00000000  
 2014-07-18 11:40:15.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-07-18 11:40:15.360 Clock Quality: 100%  
 2014-07-18 11:40:15.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-18 11:40:15.360 Clock Phase: 0 usec. max allowed=50000  
 2014-07-18 11:40:15.360 Boom positions:  
 2014-07-18 11:40:15.360 Ch1: -3 Ch2: -7 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-18 11:40:15.360 Analog Status  
 2014-07-18 11:40:15.360 Analog Positive Supply: 5.46V  
 2014-07-18 11:40:15.360 Input Voltage: 13.20V  
 2014-07-18 11:40:15.360 System Temperature: 5C  
 2014-07-18 11:40:15.360 Main Current: 62ma  
 2014-07-18 11:40:15.360 Antenna Current: 0ma  
 2014-07-18 11:40:15.360 GPS Status  
 2014-07-18 11:40:15.360 Time: 11:40:14  
 2014-07-18 11:40:15.360 Date:  
 2014-07-18 11:40:15.360 Fix Type: 1-D  
 2014-07-18 11:40:15.360 Height:  
 2014-07-18 11:40:15.360 Latitude:  
 2014-07-18 11:40:15.360 Longitude:  
 2014-07-18 11:40:15.360 On Time: 0min  
 2014-07-18 11:40:15.360 Sat. Used: 0  
 2014-07-18 11:40:15.360 In View: 0  
 2014-07-18 11:40:15.360 Checksum Errors: 0  
 2014-07-18 11:40:15.360 Last GPS timemark: 2014-07-18 11:40:13  
 2014-07-18 11:40:15.360 PLL Status

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2014-07-18 11:40:15.360 State: Lock
2014-07-18 11:40:15.360 Initial VCO: 2200.850098
2014-07-18 11:40:15.360 Time Error: 0.000000
2014-07-18 11:40:15.360 RMS VCO: 0.0000000
2014-07-18 11:40:15.360 Best VCO: 2200.90
2014-07-18 11:40:15.360 Seconds Since Track or Lock: 0.0
2014-07-18 11:40:15.360 Vco Control: 2201
2014-07-18 11:40:15.360 timing mode: external seascan
2014-07-18 11:40:15.360 tempco normal
2014-07-18 11:40:15.360 PLL update: 10s PLL lock criterion: 5us
2014-07-18 11:40:15.360 Pfrac: 150.00
2014-07-18 11:40:15.360 VCO slope: -0.0175000
2014-07-18 11:40:15.360 VCO intercept: 7.1100001
2014-07-18 11:40:15.360 Km delta: 600.0000000
2014-07-18 11:40:15.360 Logical Port 4 Status
2014-07-18 11:40:15.360 Data Packets Sent: 10114556
2014-07-18 11:40:15.360 Flood Packets Sent: 0
2014-07-18 11:40:15.360 Packets Re-Sent: 15218
2014-07-18 11:40:15.360 Sequence Errors: 0
2014-07-18 11:40:15.360 Packet Buffer Used: 21979836
2014-07-18 11:40:15.360 Physical Port: Ethernet
2014-07-18 11:40:15.360 Baler Model: 14 Software Version: 2.28
2014-07-18 11:40:15.360 MAC Address: 00:04:FB:00:02:EA
2014-07-18 11:40:15.360 Disk Size: 20000669696
2014-07-18 11:40:15.360 Percent of 1177 data files in use: 20.7
2014-07-18 11:40:15.360 Channels Enabled: 1234 Preamps ON channels:
2014-07-18 11:40:15.360 Channel Sensitivities (uV per count):
2014-07-18 11:40:15.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-18 11:40:15.360 Digitizer Calibration Results:
2014-07-18 11:40:15.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-18 11:40:15.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-18 11:40:15.360 DMU1 Software Version=10
2014-07-18 11:40:15.360 Supply Voltage=12.7
2014-07-18 11:40:15.360 Supply Current=0.40
2014-07-18 11:40:15.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-18 11:40:15.360 WebLink Data Maps Restored
2014-07-18 11:40:15.360 [2014-07-17 23:35:18.000000] sequence resumes: 8890227 to
8890227
2014-07-18 11:40:15.360 [2014-07-18 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-18 11:40:15.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-18 11:40:14
2014-07-18 11:45:41.120 Reducing Status Polling Interval
2014-07-18 11:45:41.120 [2014-07-18 11:45:39.999998] total packets received: 44873
2014-07-18 11:45:41.120 [2014-07-18 11:45:39.999998] command timeouts: 6
2014-07-18 11:45:41.120 [2014-07-18 11:45:39.999998] out of window: 64
2014-07-18 11:45:41.120 written: HHZ-1138 HH1-1333 HH2-1405 BDH-445 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-07-18 11:45:41.120 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-1 VM1-1
2014-07-18 11:45:41.120 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-18 11:45:41.120 [2014-07-18 11:45:39.999998] Done: 4461 recs. seq end:
8934049. run: 321 s
2014-07-18 23:46:33.360
2014-07-18 23:46:33.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-18 23:46:33.360 Control Port 2491 Opened
2014-07-18 23:46:33.360 Baler ready on Ethernet
2014-07-18 23:46:33.360 Power Cycled Baler Acknowledged
2014-07-18 23:46:33.360 Commands Accepted by Q330
2014-07-18 23:46:33.360 Access timeout: 300 sec
2014-07-18 23:46:33.360 Control Port 4023 Opened
2014-07-18 23:46:33.360 Data Port 4024 Opened
2014-07-18 23:46:33.360 Registered with Q330

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2014-07-18 23:46:33.360 Combination Record Received
2014-07-18 23:46:33.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-18 23:46:33.360 Link Reset, starting window sequence: 192
2014-07-18 23:46:33.360 GPS Receiver ID Received
2014-07-18 23:46:33.360 Manufacturer's Data Received, Property Tag=2017
2014-07-18 23:46:33.360 Digitizer Gain & Offsets Received
2014-07-18 23:46:33.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4461 recs.
seq end: 8934049
2014-07-18 23:46:33.360 Baler clock set to 2014-07-18 23:46:32
2014-07-18 23:46:33.360 Starting to Read DP Tokens
2014-07-18 23:46:33.360 DP Tokens loaded, size=1474 bytes
2014-07-18 23:46:33.360 webserver advertising 192.168.200.119:5380
2014-07-18 23:46:33.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-18 23:46:33.360 filters & delay HH1:2@100,Linear all=0.320000
2014-07-18 23:46:33.360 filters & delay HH2:3@100,Linear all=0.320000
2014-07-18 23:46:33.360 filters & delay BDH:4@20,Linear all=1.650000
2014-07-18 23:46:33.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-18 23:46:33.360 filters & delay LH1:2@1,Linear all=15.000000
2014-07-18 23:46:33.360 filters & delay LH2:3@1,Linear all=15.000000
2014-07-18 23:46:33.360 filters & delay LDH:4@1,Linear all=15.000000
2014-07-18 23:46:33.360 [2014-07-18 11:45:39.999998] continuity found: 8934049
458999140.000000 Q=100
2014-07-18 23:46:33.360 [2014-07-18 11:45:39.999998] restoring continuity
2014-07-18 23:46:33.360 Sending DT_OPEN
2014-07-18 23:46:33.360 Station: XX-2017
2014-07-18 23:46:33.360 Q330 Serial Number: 0100000DB18FC351
2014-07-18 23:46:33.360 AMB Serial Number: 0100000B6909DD82
2014-07-18 23:46:33.360 Seismo 1 Serial Number: 0000000000000000
2014-07-18 23:46:33.360 QAPCHP 1 Serial Number: 4643206
2014-07-18 23:46:33.360 QAPCHP 2 Serial Number: 3743050
2014-07-18 23:46:33.360 KMI Property Tag Number: 2017
2014-07-18 23:46:33.360 System Software Version: 1.146
2014-07-18 23:46:33.360 Slave Processor Version: 1.11
2014-07-18 23:46:33.360 Calibrator Type: QCAL330
2014-07-18 23:46:33.360 Calibrator Version: 1.8
2014-07-18 23:46:33.360 Auxiliary Board Type: None
2014-07-18 23:46:33.360 Clock Type: Motorola M12
2014-07-18 23:46:33.360 PLD Version: 7.9
2014-07-18 23:46:33.360 Total Hours: 67636.25
2014-07-18 23:46:33.360 Power On Hours: 32266.63
2014-07-18 23:46:33.360 Time of Last Boot: 2014-04-06 02:03:58
2014-07-18 23:46:33.360 Total Number of Boots: 120
2014-07-18 23:46:33.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-18 23:46:33.360 Total Number of Re-Syncs: 213
2014-07-18 23:46:33.360 Status Inputs: 00000000
2014-07-18 23:46:33.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-18 23:46:33.360 Clock Quality: 100%
2014-07-18 23:46:33.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-18 23:46:33.360 Clock Phase: 0 usec. max allowed=50000
2014-07-18 23:46:33.360 Boom positions:
2014-07-18 23:46:33.360 Ch1: -3 Ch2: -7 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-18 23:46:33.360 Analog Status
2014-07-18 23:46:33.360 Analog Positive Supply: 5.46V
2014-07-18 23:46:33.360 Input Voltage: 13.35V
2014-07-18 23:46:33.360 System Temperature: 5C
2014-07-18 23:46:33.360 Main Current: 61ma
2014-07-18 23:46:33.360 Antenna Current: 0ma
2014-07-18 23:46:33.360 GPS Status
2014-07-18 23:46:33.360 Time: 23:46:32
2014-07-18 23:46:33.360 Date:
2014-07-18 23:46:33.360 Fix Type: 1-D
2014-07-18 23:46:33.360 Height:
2014-07-18 23:46:33.360 Latitude:

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2014-07-18 23:46:33.360 Longitude:
2014-07-18 23:46:33.360 On Time: 0min
2014-07-18 23:46:33.360 Sat. Used: 0
2014-07-18 23:46:33.360 In View: 0
2014-07-18 23:46:33.360 Checksum Errors: 0
2014-07-18 23:46:33.360 Last GPS timemark: 2014-07-18 23:46:31
2014-07-18 23:46:33.360 PLL Status
2014-07-18 23:46:33.360 State: Lock
2014-07-18 23:46:33.360 Initial VCO: 2200.602051
2014-07-18 23:46:33.360 Time Error: 0.000000
2014-07-18 23:46:33.360 RMS VCO: 0.0000000
2014-07-18 23:46:33.360 Best VCO: 2200.59
2014-07-18 23:46:33.360 Seconds Since Track or Lock: 0.0
2014-07-18 23:46:33.360 Vco Control: 2200
2014-07-18 23:46:33.360 timing mode: external seascan
2014-07-18 23:46:33.360 tempco normal
2014-07-18 23:46:33.360 PLL update: 10s PLL lock criterion: 5us
2014-07-18 23:46:33.360 Pfrac: 150.00
2014-07-18 23:46:33.360 VCO slope: -0.0175000
2014-07-18 23:46:33.360 VCO intercept: 7.1100001
2014-07-18 23:46:33.360 km delta: 600.0000000
2014-07-18 23:46:33.360 Logical Port 4 Status
2014-07-18 23:46:33.360 Data Packets Sent: 10159335
2014-07-18 23:46:33.360 Flood Packets Sent: 0
2014-07-18 23:46:33.360 Packets Re-Sent: 15297
2014-07-18 23:46:33.360 Sequence Errors: 0
2014-07-18 23:46:33.360 Packet Buffer Used: 22256876
2014-07-18 23:46:33.360 Physical Port: Ethernet
2014-07-18 23:46:33.360 Baler Model: 14 Software Version: 2.28
2014-07-18 23:46:33.360 MAC Address: 00:04:FB:00:02:EA
2014-07-18 23:46:33.360 Disk Size: 20000669696
2014-07-18 23:46:33.360 Percent of 1177 data files in use: 20.8
2014-07-18 23:46:33.360 Channels Enabled: 1234 Preamps ON channels:
2014-07-18 23:46:33.360 Channel sensitivities (uV per count):
2014-07-18 23:46:33.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-18 23:46:33.360 Digitizer Calibration Results:
2014-07-18 23:46:33.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-18 23:46:33.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-18 23:46:33.360 DMU1 Software Version=10
2014-07-18 23:46:33.360 Supply Voltage=12.7
2014-07-18 23:46:33.360 Supply Current=0.41
2014-07-18 23:46:33.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-18 23:46:33.360 webLink Data Maps Restored
2014-07-18 23:46:33.360 [2014-07-18 11:45:39.999998] sequence resumes: 8934049 to
8934049
2014-07-18 23:46:33.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-18 23:46:32
2014-07-18 23:52:10.160 Reducing Status Polling Interval
2014-07-18 23:52:10.160 [2014-07-18 23:52:08.999998] total packets received: 48229
2014-07-18 23:52:10.160 [2014-07-18 23:52:08.999998] command timeouts: 6
2014-07-18 23:52:10.160 [2014-07-18 23:52:08.999998] out of window: 81
2014-07-18 23:52:10.160 written: HHZ-1184 HH1-1376 HH2-1382 BDH-443 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-18 23:52:10.160 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-27
VMZ-2 VM1-2
2014-07-18 23:52:10.160 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-07-18 23:52:10.160 [2014-07-18 23:52:08.999998] Done: 4531 recs. seq end:
8977638. run: 332 s
2014-07-19 11:53:01.410
2014-07-19 11:53:01.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-19 11:53:01.410 Control Port 2491 Opened
2014-07-19 11:53:01.410 Baler ready on Ethernet
2014-07-19 11:53:01.410 Power Cycled Baler Acknowledged

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2014-07-19 11:53:01.410 Commands Accepted by Q330
2014-07-19 11:53:01.410 Access timeout: 300 sec
2014-07-19 11:53:01.410 Control Port 4023 Opened
2014-07-19 11:53:01.410 Data Port 4024 Opened
2014-07-19 11:53:01.410 Registered with Q330
2014-07-19 11:53:01.410 Combination Record Received
2014-07-19 11:53:01.410 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-19 11:53:01.410 Link Reset, starting window sequence: 48304
2014-07-19 11:53:01.410 GPS Receiver ID Received
2014-07-19 11:53:01.410 Manufacturer's Data Received, Property Tag=2017
2014-07-19 11:53:01.410 Digitizer Gain & Offsets Received
2014-07-19 11:53:01.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4531 recs.
seq end: 8977638
2014-07-19 11:53:01.410 Baler clock set to 2014-07-19 11:53:00
2014-07-19 11:53:01.410 Starting to Read DP Tokens
2014-07-19 11:53:01.410 DP Tokens loaded, size=1474 bytes
2014-07-19 11:53:01.410 Webserver advertising 192.168.200.119:5380
2014-07-19 11:53:01.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-19 11:53:01.410 filters & delay HH1:2@100,Linear all=0.320000
2014-07-19 11:53:01.410 filters & delay HH2:3@100,Linear all=0.320000
2014-07-19 11:53:01.410 filters & delay BDH:4@20,Linear all=1.650000
2014-07-19 11:53:01.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-19 11:53:01.410 filters & delay LH1:2@1,Linear all=15.000000
2014-07-19 11:53:01.410 filters & delay LH2:3@1,Linear all=15.000000
2014-07-19 11:53:01.410 filters & delay LDH:4@1,Linear all=15.000000
2014-07-19 11:53:01.410 [2014-07-18 23:52:08.999998] continuity found: 8977638
459042729.000000 Q=100
2014-07-19 11:53:01.410 [2014-07-18 23:52:08.999998] restoring continuity
2014-07-19 11:53:01.410 Sending DT_OPEN
2014-07-19 11:53:01.410 Station: XX-2017
2014-07-19 11:53:01.410 Q330 Serial Number: 0100000DB18FC351
2014-07-19 11:53:01.410 AMB Serial Number: 0100000B6909DD82
2014-07-19 11:53:01.410 Seismo 1 Serial Number: 0000000000000000
2014-07-19 11:53:01.410 Seismo 2 Serial Number: 0000000000000000
2014-07-19 11:53:01.410 QAPCHP 1 Serial Number: 4643206
2014-07-19 11:53:01.410 QAPCHP 2 Serial Number: 3743050
2014-07-19 11:53:01.410 KMI Property Tag Number: 2017
2014-07-19 11:53:01.410 System Software Version: 1.146
2014-07-19 11:53:01.410 Slave Processor Version: 1.11
2014-07-19 11:53:01.410 Calibrator Type: QCAL330
2014-07-19 11:53:01.410 Calibrator Version: 1.8
2014-07-19 11:53:01.410 Auxiliary Board Type: None
2014-07-19 11:53:01.410 Clock Type: Motorola M12
2014-07-19 11:53:01.410 PLD Version: 7.9
2014-07-19 11:53:01.410 Total Hours: 67648.35
2014-07-19 11:53:01.410 Power On Hours: 32278.74
2014-07-19 11:53:01.410 Time of Last Boot: 2014-04-06 02:03:58
2014-07-19 11:53:01.410 Total Number of Boots: 120
2014-07-19 11:53:01.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-19 11:53:01.410 Total Number of Re-Syncs: 213
2014-07-19 11:53:01.410 Status Inputs: 00000000
2014-07-19 11:53:01.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-19 11:53:01.410 Clock Quality: 100%
2014-07-19 11:53:01.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-19 11:53:01.410 Clock Phase: -2 usec. max allowed=50000
2014-07-19 11:53:01.410 Boom positions:
2014-07-19 11:53:01.410 Ch1: -3 Ch2: -7 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-19 11:53:01.410 Analog Status
2014-07-19 11:53:01.410 Analog Positive Supply: 5.46V
2014-07-19 11:53:01.410 Input Voltage: 13.35V
2014-07-19 11:53:01.410 System Temperature: 5C
2014-07-19 11:53:01.410 Main Current: 61ma
2014-07-19 11:53:01.410 Antenna Current: 0ma

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2014-07-19 11:53:01.410 GPS Status
2014-07-19 11:53:01.410 Time: 11:53:01
2014-07-19 11:53:01.410 Date:
2014-07-19 11:53:01.410 Fix Type: 1-D
2014-07-19 11:53:01.410 Height:
2014-07-19 11:53:01.410 Latitude:
2014-07-19 11:53:01.410 Longitude:
2014-07-19 11:53:01.410 On Time: 0min
2014-07-19 11:53:01.410 Sat. Used: 0
2014-07-19 11:53:01.410 In View: 0
2014-07-19 11:53:01.410 Checksum Errors: 0
2014-07-19 11:53:01.410 Last GPS timemark: 2014-07-19 11:53:00
2014-07-19 11:53:01.410 PLL Status
2014-07-19 11:53:01.410 State: Lock
2014-07-19 11:53:01.410 Intitial VCO: 2200.678711
2014-07-19 11:53:01.410 Time Error: 0.000000
2014-07-19 11:53:01.410 RMS VCO: 0.0000000
2014-07-19 11:53:01.410 Best VCO: 2200.66
2014-07-19 11:53:01.410 Seconds Since Track or Lock: 0.0
2014-07-19 11:53:01.410 Vco Control: 2201
2014-07-19 11:53:01.410 timing mode: external seascan
2014-07-19 11:53:01.410 tempco normal
2014-07-19 11:53:01.410 PLL update: 10s PLL lock criterion: 5us
2014-07-19 11:53:01.410 Pfrac: 150.00
2014-07-19 11:53:01.410 VCO slope: -0.0175000
2014-07-19 11:53:01.410 VCO intercept: 7.1100001
2014-07-19 11:53:01.410 km delta: 600.0000000
2014-07-19 11:53:01.410 Logical Port 4 Status
2014-07-19 11:53:01.410 Data Packets Sent: 10207452
2014-07-19 11:53:01.410 Flood Packets Sent: 0
2014-07-19 11:53:01.410 Packets Re-Sent: 15393
2014-07-19 11:53:01.410 Sequence Errors: 0
2014-07-19 11:53:01.410 Packet Buffer Used: 21879268
2014-07-19 11:53:01.410 Physical Port: Ethernet
2014-07-19 11:53:01.410 Baler Model: 14 Software Version: 2.28
2014-07-19 11:53:01.410 MAC Address: 00:04:FB:00:02:EA
2014-07-19 11:53:01.410 Disk Size: 20000669696
2014-07-19 11:53:01.410 Percent of 1177 data files in use: 20.8
2014-07-19 11:53:01.410 Channels Enabled: 1234 Preamps ON channels:
2014-07-19 11:53:01.410 Channel Sensitivities (uV per count):
2014-07-19 11:53:01.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-19 11:53:01.410 Digitizer Calibration Results:
2014-07-19 11:53:01.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-19 11:53:01.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-19 11:53:01.410 DMU1 Software Version=10
2014-07-19 11:53:01.410 Supply Voltage=12.7
2014-07-19 11:53:01.410 Supply Current=0.40
2014-07-19 11:53:01.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-19 11:53:01.410 webLink Data Maps Restored
2014-07-19 11:53:01.410 [2014-07-18 23:52:08.999998] sequence resumes: 8977638 to
8977638
2014-07-19 11:53:01.410 [2014-07-19 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-19 11:53:01.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-19 11:53:00
2014-07-19 11:58:22.280 Reducing Status Polling Interval
2014-07-19 11:58:22.280 [2014-07-19 11:58:23.000000] total packets received: 45135
2014-07-19 11:58:22.280 [2014-07-19 11:58:23.000000] command timeouts: 6
2014-07-19 11:58:22.280 [2014-07-19 11:58:23.000000] out of window: 60
2014-07-19 11:58:22.280 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2014-07-19 11:58:22.280 written: VM2-2 LOG-2 ACE-2 OCF-2
2014-07-19 11:58:22.280 [2014-07-19 11:58:23.000000] Done: 4438 recs. seq end:

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9021212. run: 317 s
2014-07-19 23:59:18.360
2014-07-19 23:59:18.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-19 23:59:18.360 Control Port 2491 Opened
2014-07-19 23:59:18.360 Baler ready on Ethernet
2014-07-19 23:59:18.360 Power Cycled Baler Acknowledged
2014-07-19 23:59:18.360 Commands Accepted by Q330
2014-07-19 23:59:18.360 Access timeout: 300 sec
2014-07-19 23:59:18.360 Control Port 4023 Opened
2014-07-19 23:59:18.360 Data Port 4024 Opened
2014-07-19 23:59:18.360 Registered with Q330
2014-07-19 23:59:18.360 Combination Record Received
2014-07-19 23:59:18.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-19 23:59:18.360 Link Reset, starting window sequence: 27808
2014-07-19 23:59:18.360 GPS Receiver ID Received
2014-07-19 23:59:18.360 Manufacturer's Data Received, Property Tag=2017
2014-07-19 23:59:18.360 Digitizer Gain & Offsets Received
2014-07-19 23:59:18.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4438 recs.
seq end: 9021212
2014-07-19 23:59:18.360 Baler clock set to 2014-07-19 23:59:17
2014-07-19 23:59:18.360 Starting to Read DP Tokens
2014-07-19 23:59:18.360 DP Tokens loaded, size=1474 bytes
2014-07-19 23:59:18.360 webserver advertising 192.168.200.119:5380
2014-07-19 23:59:18.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-19 23:59:18.360 filters & delay HH1:2@100,Linear all=0.320000
2014-07-19 23:59:18.360 filters & delay HH2:3@100,Linear all=0.320000
2014-07-19 23:59:18.360 filters & delay BDH:4@20,Linear all=1.650000
2014-07-19 23:59:18.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-19 23:59:18.360 filters & delay LH1:2@1,Linear all=15.000000
2014-07-19 23:59:18.360 filters & delay LH2:3@1,Linear all=15.000000
2014-07-19 23:59:18.360 filters & delay LDH:4@1,Linear all=15.000000
2014-07-19 23:59:18.360 [2014-07-19 11:58:23.000000] continuity found: 9021212
459086303.000000 Q=100
2014-07-19 23:59:18.360 [2014-07-19 11:58:23.000000] restoring continuity
2014-07-19 23:59:18.360 Sending DT_OPEN
2014-07-19 23:59:18.360 Station: XX-2017
2014-07-19 23:59:18.360 Q330 Serial Number: 0100000DB18FC351
2014-07-19 23:59:18.360 AMB Serial Number: 0100000B6909DD82
2014-07-19 23:59:18.360 Seismo 1 Serial Number: 0000000000000000
2014-07-19 23:59:18.360 Seismo 2 Serial Number: 0000000000000000
2014-07-19 23:59:18.360 QAPCHP 1 Serial Number: 4643206
2014-07-19 23:59:18.360 QAPCHP 2 Serial Number: 3743050
2014-07-19 23:59:18.360 KMI Property Tag Number: 2017
2014-07-19 23:59:18.360 System Software Version: 1.146
2014-07-19 23:59:18.360 Slave Processor Version: 1.11
2014-07-19 23:59:18.360 Calibrator Type: QCAL330
2014-07-19 23:59:18.360 Calibrator Version: 1.8
2014-07-19 23:59:18.360 Auxiliary Board Type: None
2014-07-19 23:59:18.360 Clock Type: Motorola M12
2014-07-19 23:59:18.360 PLD Version: 7.9
2014-07-19 23:59:18.360 Total Hours: 67660.46
2014-07-19 23:59:18.360 Power On Hours: 32290.84
2014-07-19 23:59:18.360 Time of Last Boot: 2014-04-06 02:03:58
2014-07-19 23:59:18.360 Total Number of Boots: 120
2014-07-19 23:59:18.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-19 23:59:18.360 Total Number of Re-Syncs: 213
2014-07-19 23:59:18.360 Status Inputs: 00000000
2014-07-19 23:59:18.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-19 23:59:18.360 Clock Quality: 100%
2014-07-19 23:59:18.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-19 23:59:18.360 Clock Phase: 0 usec. max allowed=50000
2014-07-19 23:59:18.360 Boom positions:
2014-07-19 23:59:18.360 ch1: -2 ch2: -6 ch3: 5 ch4: 20 ch5: 20 ch6: 20

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2014-07-19 23:59:18.360 Analog Status  
 2014-07-19 23:59:18.360 Analog Positive Supply: 5.46v  
 2014-07-19 23:59:18.360 Input Voltage: 13.20v  
 2014-07-19 23:59:18.360 System Temperature: 5C  
 2014-07-19 23:59:18.360 Main Current: 62ma  
 2014-07-19 23:59:18.360 Antenna Current: 0ma  
 2014-07-19 23:59:18.360 GPS Status  
 2014-07-19 23:59:18.360 Time: 23:59:17  
 2014-07-19 23:59:18.360 Date:  
 2014-07-19 23:59:18.360 Fix Type: 1-D  
 2014-07-19 23:59:18.360 Height:  
 2014-07-19 23:59:18.360 Latitude:  
 2014-07-19 23:59:18.360 Longitude:  
 2014-07-19 23:59:18.360 On Time: 0min  
 2014-07-19 23:59:18.360 Sat. Used: 0  
 2014-07-19 23:59:18.360 In View: 0  
 2014-07-19 23:59:18.360 Checksum Errors: 0  
 2014-07-19 23:59:18.360 Last GPS timemark: 2014-07-19 23:59:16  
 2014-07-19 23:59:18.360 PLL Status  
 2014-07-19 23:59:18.360 State: Lock  
 2014-07-19 23:59:18.360 Initial VCO: 2200.315186  
 2014-07-19 23:59:18.360 Time Error: 0.000000  
 2014-07-19 23:59:18.360 RMS VCO: 0.0000000  
 2014-07-19 23:59:18.360 Best VCO: 2200.57  
 2014-07-19 23:59:18.360 Seconds Since Track or Lock: 0.0  
 2014-07-19 23:59:18.360 Vco Control: 2200  
 2014-07-19 23:59:18.360 timing mode: external seascan  
 2014-07-19 23:59:18.360 tempco normal  
 2014-07-19 23:59:18.360 PLL update: 10s PLL lock criterion: 5us  
 2014-07-19 23:59:18.360 Pfrac: 150.00  
 2014-07-19 23:59:18.360 VCO slope: -0.0175000  
 2014-07-19 23:59:18.360 VCO intercept: 7.1100001  
 2014-07-19 23:59:18.360 km delta: 600.0000000  
 2014-07-19 23:59:18.360 Logical Port 4 Status  
 2014-07-19 23:59:18.360 Data Packets Sent: 10252497  
 2014-07-19 23:59:18.360 Flood Packets Sent: 0  
 2014-07-19 23:59:18.360 Packets Re-Sent: 15471  
 2014-07-19 23:59:18.360 Sequence Errors: 0  
 2014-07-19 23:59:18.360 Packet Buffer Used: 22221172  
 2014-07-19 23:59:18.360 Physical Port: Ethernet  
 2014-07-19 23:59:18.360 Baler Model: 14 Software Version: 2.28  
 2014-07-19 23:59:18.360 MAC Address: 00:04:FB:00:02:EA  
 2014-07-19 23:59:18.360 Disk Size: 20000669696  
 2014-07-19 23:59:18.360 Percent of 1177 data files in use: 21.1  
 2014-07-19 23:59:18.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-19 23:59:18.360 Channel Sensitivities (uV per count):  
 2014-07-19 23:59:18.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-19 23:59:18.360 Digitizer Calibration Results:  
 2014-07-19 23:59:18.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-19 23:59:18.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-19 23:59:18.360 DMU1 Software Version=10  
 2014-07-19 23:59:18.360 Supply Voltage=12.6  
 2014-07-19 23:59:18.360 Supply Current=0.41  
 2014-07-19 23:59:18.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-19 23:59:18.360 webLink Data Maps Restored  
 2014-07-19 23:59:18.360 [2014-07-19 11:58:23.000000] sequence resumes: 9021212 to 9021212  
 2014-07-19 23:59:18.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-19 23:59:17  
 2014-07-20 00:04:44.120 [2014-07-20 00:00:00.000000] saving Configuration to Backup Memory  
 2014-07-20 00:04:44.120 Reducing Status Polling Interval  
 2014-07-20 00:04:44.120 [2014-07-20 00:04:46.999998] total packets received: 47586

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2014-07-20 00:04:44.120 [2014-07-20 00:04:46.999998] command timeouts: 6
2014-07-20 00:04:44.120 [2014-07-20 00:04:46.999998] out of window: 64
2014-07-20 00:04:44.120 written: HHZ-1175 HH1-1367 HH2-1396 BDH-443 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-07-20 00:04:44.120 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2014-07-20 00:04:44.120 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-20 00:04:44.120 [2014-07-20 00:04:46.999998] Done: 4520 recs. seq end:
9064796. run: 325 s
2014-07-20 12:05:40.370
2014-07-20 12:05:40.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-20 12:05:40.370 Control Port 2491 Opened
2014-07-20 12:05:40.370 Baler ready on Ethernet
2014-07-20 12:05:40.370 Power Cycled Baler Acknowledged
2014-07-20 12:05:40.370 Commands Accepted by Q330
2014-07-20 12:05:40.370 Access timeout: 300 sec
2014-07-20 12:05:40.370 Control Port 4023 Opened
2014-07-20 12:05:40.370 Data Port 4024 Opened
2014-07-20 12:05:40.370 Registered with Q330
2014-07-20 12:05:40.370 Combination Record Received
2014-07-20 12:05:40.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-20 12:05:40.370 Link Reset, starting window sequence: 9759
2014-07-20 12:05:40.370 GPS Receiver ID Received
2014-07-20 12:05:40.370 Manufacturer's Data Received, Property Tag=2017
2014-07-20 12:05:40.370 Digitizer Gain & Offsets Received
2014-07-20 12:05:40.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4520 recs.
seq end: 9064796
2014-07-20 12:05:40.370 Baler clock set to 2014-07-20 12:05:39
2014-07-20 12:05:40.370 Starting to Read DP Tokens
2014-07-20 12:05:40.370 DP Tokens loaded, size=1474 bytes
2014-07-20 12:05:40.370 webserver advertising 192.168.200.119:5380
2014-07-20 12:05:40.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-20 12:05:40.370 filters & delay HH1:2@100,Linear all=0.320000
2014-07-20 12:05:40.370 filters & delay HH2:3@100,Linear all=0.320000
2014-07-20 12:05:40.370 filters & delay BDH:4@20,Linear all=1.650000
2014-07-20 12:05:40.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-20 12:05:40.370 filters & delay LH1:2@1,Linear all=15.000000
2014-07-20 12:05:40.370 filters & delay LH2:3@1,Linear all=15.000000
2014-07-20 12:05:40.370 filters & delay LDH:4@1,Linear all=15.000000
2014-07-20 12:05:40.370 [2014-07-20 00:04:46.999998] continuity found: 9064796
459129887.000000 Q=100
2014-07-20 12:05:40.370 [2014-07-20 00:04:46.999998] restoring continuity
2014-07-20 12:05:40.370 Sending DT_OPEN
2014-07-20 12:05:40.370 Station: XX-2017
2014-07-20 12:05:40.370 Q330 Serial Number: 0100000DB18FC351
2014-07-20 12:05:40.370 AMB Serial Number: 0100000B6909DD82
2014-07-20 12:05:40.370 Seismo 1 Serial Number: 0000000000000000
2014-07-20 12:05:40.370 Seismo 2 Serial Number: 0000000000000000
2014-07-20 12:05:40.370 QAPCHP 1 Serial Number: 4643206
2014-07-20 12:05:40.370 QAPCHP 2 Serial Number: 3743050
2014-07-20 12:05:40.370 KMI Property Tag Number: 2017
2014-07-20 12:05:40.370 System Software Version: 1.146
2014-07-20 12:05:40.370 Slave Processor Version: 1.11
2014-07-20 12:05:40.370 Calibrator Type: QCAL330
2014-07-20 12:05:40.370 Calibrator Version: 1.8
2014-07-20 12:05:40.370 Auxiliary Board Type: None
2014-07-20 12:05:40.370 Clock Type: Motorola M12
2014-07-20 12:05:40.370 PLD Version: 7.9
2014-07-20 12:05:40.370 Total Hours: 67672.56
2014-07-20 12:05:40.370 Power On Hours: 32302.95
2014-07-20 12:05:40.370 Time of Last Boot: 2014-04-06 02:03:58
2014-07-20 12:05:40.370 Total Number of Boots: 120
2014-07-20 12:05:40.370 Time of Last Re-Sync: 2014-04-06 02:17:08

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2014-07-20 12:05:40.370 Total Number of Re-Syncs: 213  
 2014-07-20 12:05:40.370 Status Inputs: 00000000  
 2014-07-20 12:05:40.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-20 12:05:40.370 Clock Quality: 100%  
 2014-07-20 12:05:40.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-20 12:05:40.370 Clock Phase: 0 usec. max allowed=50000  
 2014-07-20 12:05:40.370 Boom positions:  
 2014-07-20 12:05:40.370 ch1: -3 ch2: -4 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-07-20 12:05:40.370 Analog Status  
 2014-07-20 12:05:40.370 Analog Positive Supply: 5.46V  
 2014-07-20 12:05:40.370 Input Voltage: 13.35V  
 2014-07-20 12:05:40.370 System Temperature: 5C  
 2014-07-20 12:05:40.370 Main Current: 61ma  
 2014-07-20 12:05:40.370 Antenna Current: 0ma  
 2014-07-20 12:05:40.370 GPS Status  
 2014-07-20 12:05:40.370 Time: 12:05:39  
 2014-07-20 12:05:40.370 Date:  
 2014-07-20 12:05:40.370 Fix Type: 1-D  
 2014-07-20 12:05:40.370 Height:  
 2014-07-20 12:05:40.370 Latitude:  
 2014-07-20 12:05:40.370 Longitude:  
 2014-07-20 12:05:40.370 On Time: 0min  
 2014-07-20 12:05:40.370 In View: 0  
 2014-07-20 12:05:40.370 Checksum Errors: 0  
 2014-07-20 12:05:40.370 Last GPS timemark: 2014-07-20 12:05:38  
 2014-07-20 12:05:40.370 PLL Status  
 2014-07-20 12:05:40.370 State: Lock  
 2014-07-20 12:05:40.370 Initial VCO: 2200.546631  
 2014-07-20 12:05:40.370 Time Error: 0.000000  
 2014-07-20 12:05:40.370 RMS VCO: 0.0000000  
 2014-07-20 12:05:40.370 Best VCO: 2200.50  
 2014-07-20 12:05:40.370 Seconds Since Track or Lock: 0.0  
 2014-07-20 12:05:40.370 Vco Control: 2201  
 2014-07-20 12:05:40.370 timing mode: external seascan  
 2014-07-20 12:05:40.370 tempco normal  
 2014-07-20 12:05:40.370 PLL update: 10s PLL lock criterion: 5us  
 2014-07-20 12:05:40.370 Pfrac: 150.00  
 2014-07-20 12:05:40.370 VCO slope: -0.0175000  
 2014-07-20 12:05:40.370 VCO intercept: 7.1100001  
 2014-07-20 12:05:40.370 km delta: 600.0000000  
 2014-07-20 12:05:40.370 Logical Port 4 Status  
 2014-07-20 12:05:40.370 Data Packets Sent: 10299989  
 2014-07-20 12:05:40.370 Flood Packets Sent: 0  
 2014-07-20 12:05:40.370 Packets Re-Sent: 15552  
 2014-07-20 12:05:40.370 Sequence Errors: 0  
 2014-07-20 12:05:40.370 Packet Buffer Used: 21570412  
 2014-07-20 12:05:40.370 Physical Port: Ethernet  
 2014-07-20 12:05:40.370 Baler Model: 14 Software Version: 2.28  
 2014-07-20 12:05:40.370 MAC Address: 00:04:FB:00:02:EA  
 2014-07-20 12:05:40.370 Disk Size: 20000669696  
 2014-07-20 12:05:40.370 Percent of 1177 data files in use: 21.1  
 2014-07-20 12:05:40.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-20 12:05:40.370 Channel Sensitivities (uV per count):  
 2014-07-20 12:05:40.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-20 12:05:40.370 Digitizer Calibration Results:  
 2014-07-20 12:05:40.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-20 12:05:40.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-20 12:05:40.370 DMU1 Software Version=10  
 2014-07-20 12:05:40.370 Supply Voltage=12.7  
 2014-07-20 12:05:40.370 Supply Current=0.41  
 2014-07-20 12:05:40.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-20 12:05:40.370 WebLink Data Maps Restored  
 2014-07-20 12:05:40.370 [2014-07-20 00:04:46.999998] sequence resumes: 9064796 to

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9064796
2014-07-20 12:05:40.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-20 12:05:39
2014-07-20 12:11:04.430 Reducing Status Polling Interval
2014-07-20 12:11:04.430 [2014-07-20 12:11:03.999998] total packets received: 43967
2014-07-20 12:11:04.430 [2014-07-20 12:11:03.999998] command timeouts: 6
2014-07-20 12:11:04.430 [2014-07-20 12:11:03.999998] out of window: 77
2014-07-20 12:11:04.430 written: HHZ-1127 HH1-1322 HH2-1346 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-20 12:11:04.430 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-20 12:11:04.430 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1
2014-07-20 12:11:04.430 [2014-07-20 12:11:03.999998] Done: 4371 recs. seq end:
9108373. run: 319 s
2014-07-21 00:11:57.380
2014-07-21 00:11:57.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-21 00:11:57.380 Control Port 2491 Opened
2014-07-21 00:11:57.380 Baler ready on Ethernet
2014-07-21 00:11:57.380 Power Cycled Baler Acknowledged
2014-07-21 00:11:57.380 Commands Accepted by Q330
2014-07-21 00:11:57.380 Access timeout: 300 sec
2014-07-21 00:11:57.380 Control Port 4023 Opened
2014-07-21 00:11:57.380 Data Port 4024 Opened
2014-07-21 00:11:57.380 Registered with Q330
2014-07-21 00:11:57.380 Combination Record Received
2014-07-21 00:11:57.380 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-21 00:11:57.380 Link Reset, starting window sequence: 53614
2014-07-21 00:11:57.380 GPS Receiver ID Received
2014-07-21 00:11:57.380 Manufacturer's Data Received, Property Tag=2017
2014-07-21 00:11:57.380 Digitizer Gain & Offsets Received
2014-07-21 00:11:57.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4371 recs.
seq end: 9108373
2014-07-21 00:11:57.380 Baler clock set to 2014-07-21 00:11:56
2014-07-21 00:11:57.380 Starting to Read DP Tokens
2014-07-21 00:11:57.380 DP Tokens loaded, size=1474 bytes
2014-07-21 00:11:57.380 Webserver advertising 192.168.200.119:5380
2014-07-21 00:11:57.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-21 00:11:57.380 filters & delay HH1:2@100,Linear all=0.320000
2014-07-21 00:11:57.380 filters & delay HH2:3@100,Linear all=0.320000
2014-07-21 00:11:57.380 filters & delay BDH:4@20,Linear all=1.650000
2014-07-21 00:11:57.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-21 00:11:57.380 filters & delay LH1:2@1,Linear all=15.000000
2014-07-21 00:11:57.380 filters & delay LH2:3@1,Linear all=15.000000
2014-07-21 00:11:57.380 filters & delay LDH:4@1,Linear all=15.000000
2014-07-21 00:11:57.380 [2014-07-20 12:11:03.999998] continuity found: 9108373
459173464.000000 Q=100
2014-07-21 00:11:57.380 [2014-07-20 12:11:03.999998] restoring continuity
2014-07-21 00:11:57.380 Sending DT_OPEN
2014-07-21 00:11:57.380 Station: XX-2017
2014-07-21 00:11:57.380 Q330 Serial Number: 0100000DB18FC351
2014-07-21 00:11:57.380 AMB Serial Number: 0100000B6909DD82
2014-07-21 00:11:57.380 Seismo 1 Serial Number: 0000000000000000
2014-07-21 00:11:57.380 Seismo 2 Serial Number: 0000000000000000
2014-07-21 00:11:57.380 QAPCHP 1 Serial Number: 4643206
2014-07-21 00:11:57.380 QAPCHP 2 Serial Number: 3743050
2014-07-21 00:11:57.380 KMI Property Tag Number: 2017
2014-07-21 00:11:57.380 System Software Version: 1.146
2014-07-21 00:11:57.380 Slave Processor Version: 1.11
2014-07-21 00:11:57.380 Calibrator Type: QCAL330
2014-07-21 00:11:57.380 Calibrator Version: 1.8
2014-07-21 00:11:57.380 Auxiliary Board Type: None
2014-07-21 00:11:57.380 Clock Type: Motorola M12
2014-07-21 00:11:57.380 PLD Version: 7.9

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2014-07-21 00:11:57.380 Total Hours: 67684.67  
 2014-07-21 00:11:57.380 Power On Hours: 32315.06  
 2014-07-21 00:11:57.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-21 00:11:57.380 Total Number of Boots: 120  
 2014-07-21 00:11:57.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-21 00:11:57.380 Total Number of Re-Syncs: 213  
 2014-07-21 00:11:57.380 Status Inputs: 00000000  
 2014-07-21 00:11:57.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-21 00:11:57.380 Clock Quality: 100%  
 2014-07-21 00:11:57.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-21 00:11:57.380 Clock Phase: 0 usec. max allowed=50000  
 2014-07-21 00:11:57.380 Boom positions:  
 2014-07-21 00:11:57.380 ch1: -2 ch2: -3 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-07-21 00:11:57.380 Analog Status  
 2014-07-21 00:11:57.380 Analog Positive Supply: 5.46V  
 2014-07-21 00:11:57.380 Input Voltage: 13.20V  
 2014-07-21 00:11:57.380 System Temperature: 5C  
 2014-07-21 00:11:57.380 Main Current: 62ma  
 2014-07-21 00:11:57.380 Antenna Current: 0ma  
 2014-07-21 00:11:57.380 GPS Status  
 2014-07-21 00:11:57.380 Time: 00:11:56  
 2014-07-21 00:11:57.380 Date:  
 2014-07-21 00:11:57.380 Fix Type: 1-D  
 2014-07-21 00:11:57.380 Height:  
 2014-07-21 00:11:57.380 Latitude:  
 2014-07-21 00:11:57.380 Longitude:  
 2014-07-21 00:11:57.380 On Time: 0min  
 2014-07-21 00:11:57.380 Sat. Used: 0  
 2014-07-21 00:11:57.380 In View: 0  
 2014-07-21 00:11:57.380 Checksum Errors: 0  
 2014-07-21 00:11:57.380 Last GPS timemark: 2014-07-21 00:11:55  
 2014-07-21 00:11:57.380 PLL Status  
 2014-07-21 00:11:57.380 State: Lock  
 2014-07-21 00:11:57.380 Initial VCO: 2200.719238  
 2014-07-21 00:11:57.380 Time Error: 0.000000  
 2014-07-21 00:11:57.380 RMS VCO: 0.000000  
 2014-07-21 00:11:57.380 Best VCO: 2200.77  
 2014-07-21 00:11:57.380 Seconds Since Track or Lock: 0.0  
 2014-07-21 00:11:57.380 Vco Control: 2201  
 2014-07-21 00:11:57.380 timing mode: external seascan  
 2014-07-21 00:11:57.380 tempco normal  
 2014-07-21 00:11:57.380 PLL update: 10s PLL lock criterion: 5us  
 2014-07-21 00:11:57.380 Pfrac: 150.00  
 2014-07-21 00:11:57.380 VCO slope: -0.0175000  
 2014-07-21 00:11:57.380 VCO intercept: 7.1100001  
 2014-07-21 00:11:57.380 km delta: 600.0000000  
 2014-07-21 00:11:57.380 Logical Port 4 Status  
 2014-07-21 00:11:57.380 Data Packets Sent: 10343849  
 2014-07-21 00:11:57.380 Flood Packets Sent: 0  
 2014-07-21 00:11:57.380 Packets Re-Sent: 15645  
 2014-07-21 00:11:57.380 Sequence Errors: 0  
 2014-07-21 00:11:57.380 Packet Buffer Used: 21954928  
 2014-07-21 00:11:57.380 Physical Port: Ethernet  
 2014-07-21 00:11:57.380 Baler Model: 14 Software Version: 2.28  
 2014-07-21 00:11:57.380 MAC Address: 00:04:FB:00:02:EA  
 2014-07-21 00:11:57.380 Disk Size: 20000669696  
 2014-07-21 00:11:57.380 Percent of 1177 data files in use: 21.1  
 2014-07-21 00:11:57.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-21 00:11:57.380 Channel sensitivities (uV per count):  
 2014-07-21 00:11:57.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-21 00:11:57.380 Digitizer Calibration Results:  
 2014-07-21 00:11:57.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-21 00:11:57.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2014-07-21 00:11:57.380 DMU1 Software Version=10  
 2014-07-21 00:11:57.380 Supply Voltage=12.7  
 2014-07-21 00:11:57.380 Supply Current=0.41  
 2014-07-21 00:11:57.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-21 00:11:57.380 WebLink Data Maps Restored  
 2014-07-21 00:11:57.380 [2014-07-20 12:11:03.999998] sequence resumes: 9108373 to 9108373  
 2014-07-21 00:11:57.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-21 00:11:56  
 2014-07-21 00:17:06.770 [2014-07-21 00:00:00.000000] saving Configuration to Backup Memory  
 2014-07-21 00:17:06.770 Reducing Status Polling Interval  
 2014-07-21 00:17:06.770 [2014-07-21 00:17:13.999998] total packets received: 45833  
 2014-07-21 00:17:06.770 [2014-07-21 00:17:13.999998] command timeouts: 6  
 2014-07-21 00:17:06.770 [2014-07-21 00:17:13.999998] out of window: 49  
 2014-07-21 00:17:06.770 written: HHZ-1161 HH1-1324 HH2-1400 BDH-431 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-07-21 00:17:06.770 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-07-21 00:17:06.770 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-07-21 00:17:06.770 [2014-07-21 00:17:13.999998] Done: 4457 recs. seq end: 9151943. run: 314 s  
 2014-07-21 12:18:10.320  
 2014-07-21 12:18:10.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-21 12:18:10.320 Control Port 2491 Opened  
 2014-07-21 12:18:10.320 Baler ready on Ethernet  
 2014-07-21 12:18:10.320 Power Cycled Baler Acknowledged  
 2014-07-21 12:18:10.320 Commands Accepted by Q330  
 2014-07-21 12:18:10.320 Access timeout: 300 sec  
 2014-07-21 12:18:10.320 Control Port 4023 Opened  
 2014-07-21 12:18:10.320 Data Port 4024 Opened  
 2014-07-21 12:18:10.320 Registered with Q330  
 2014-07-21 12:18:10.320 Combination Record Received  
 2014-07-21 12:18:10.320 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-21 12:18:10.320 Link Reset, starting window sequence: 33827  
 2014-07-21 12:18:10.320 GPS Receiver ID Received  
 2014-07-21 12:18:10.320 Manufacturer's Data Received, Property Tag=2017  
 2014-07-21 12:18:10.320 Digitizer Gain & Offsets Received  
 2014-07-21 12:18:10.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4457 recs. seq end: 9151943  
 2014-07-21 12:18:10.320 Baler clock set to 2014-07-21 12:18:09  
 2014-07-21 12:18:10.320 Starting to Read DP Tokens  
 2014-07-21 12:18:10.320 DP Tokens loaded, size=1474 bytes  
 2014-07-21 12:18:10.320 webserver advertising 192.168.200.119:5380  
 2014-07-21 12:18:10.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-21 12:18:10.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-21 12:18:10.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-21 12:18:10.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-21 12:18:10.320 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-21 12:18:10.320 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-21 12:18:10.320 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-21 12:18:10.320 [2014-07-21 00:17:13.999998] continuity found: 9151943  
 459217034.000000 Q=100  
 2014-07-21 12:18:10.320 [2014-07-21 00:17:13.999998] restoring continuity  
 2014-07-21 12:18:10.320 Sending DT\_OPEN  
 2014-07-21 12:18:10.320 Station: XX-2017  
 2014-07-21 12:18:10.320 Q330 Serial Number: 0100000DB18FC351  
 2014-07-21 12:18:10.320 AMB Serial Number: 0100000B6909DD82  
 2014-07-21 12:18:10.320 Seismo 1 Serial Number: 0000000000000000  
 2014-07-21 12:18:10.320 Seismo 2 Serial Number: 0000000000000000  
 2014-07-21 12:18:10.320 QAPCHP 1 Serial Number: 4643206  
 2014-07-21 12:18:10.320 QAPCHP 2 Serial Number: 3743050  
 2014-07-21 12:18:10.320 KMI Property Tag Number: 2017

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2014-07-21 12:18:10.320 System Software Version: 1.146  
 2014-07-21 12:18:10.320 Slave Processor Version: 1.11  
 2014-07-21 12:18:10.320 Calibrator Type: QCAL330  
 2014-07-21 12:18:10.320 Calibrator Version: 1.8  
 2014-07-21 12:18:10.320 Auxiliary Board Type: None  
 2014-07-21 12:18:10.320 Clock Type: Motorola M12  
 2014-07-21 12:18:10.320 PLD Version: 7.9  
 2014-07-21 12:18:10.320 Total Hours: 67696.77  
 2014-07-21 12:18:10.320 Power On Hours: 32327.16  
 2014-07-21 12:18:10.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-21 12:18:10.320 Total Number of Boots: 120  
 2014-07-21 12:18:10.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-21 12:18:10.320 Total Number of Re-Syncs: 213  
 2014-07-21 12:18:10.320 Status Inputs: 00000000  
 2014-07-21 12:18:10.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-21 12:18:10.320 Clock Quality: 100%  
 2014-07-21 12:18:10.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-21 12:18:10.320 Clock Phase: 0 usec. max allowed=50000  
 2014-07-21 12:18:10.320 Boom positions:  
 2014-07-21 12:18:10.320 ch1: -3 ch2: -1 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-07-21 12:18:10.320 Analog Status  
 2014-07-21 12:18:10.320 Analog Positive Supply: 5.46V  
 2014-07-21 12:18:10.320 Input Voltage: 13.35V  
 2014-07-21 12:18:10.320 System Temperature: 5C  
 2014-07-21 12:18:10.320 Main Current: 61ma  
 2014-07-21 12:18:10.320 Antenna Current: 0ma  
 2014-07-21 12:18:10.320 GPS Status  
 2014-07-21 12:18:10.320 Time: 12:18:09  
 2014-07-21 12:18:10.320 Date:  
 2014-07-21 12:18:10.320 Fix Type: 1-D  
 2014-07-21 12:18:10.320 Height:  
 2014-07-21 12:18:10.320 Latitude:  
 2014-07-21 12:18:10.320 Longitude:  
 2014-07-21 12:18:10.320 On Time: 0min  
 2014-07-21 12:18:10.320 Sat. Used: 0  
 2014-07-21 12:18:10.320 In View: 0  
 2014-07-21 12:18:10.320 Checksum Errors: 0  
 2014-07-21 12:18:10.320 Last GPS timemark: 2014-07-21 12:18:08  
 2014-07-21 12:18:10.320 PLL Status  
 2014-07-21 12:18:10.320 State: Lock  
 2014-07-21 12:18:10.320 Initial VCO: 2200.901123  
 2014-07-21 12:18:10.320 Time Error: 0.000000  
 2014-07-21 12:18:10.320 RMS VCO: 0.000000  
 2014-07-21 12:18:10.320 Best VCO: 2200.93  
 2014-07-21 12:18:10.320 Seconds Since Track or Lock: 0.0  
 2014-07-21 12:18:10.320 Vco Control: 2201  
 2014-07-21 12:18:10.320 timing mode: external seascan  
 2014-07-21 12:18:10.320 tempco normal  
 2014-07-21 12:18:10.320 PLL update: 10s PLL lock criterion: 5us  
 2014-07-21 12:18:10.320 Pfrac: 150.00  
 2014-07-21 12:18:10.320 VCO slope: -0.0175000  
 2014-07-21 12:18:10.320 VCO intercept: 7.1100001  
 2014-07-21 12:18:10.320 Km delta: 600.0000000  
 2014-07-21 12:18:10.320 Logical Port 4 Status  
 2014-07-21 12:18:10.320 Data Packets Sent: 10389603  
 2014-07-21 12:18:10.320 Flood Packets Sent: 0  
 2014-07-21 12:18:10.320 Packets Re-Sent: 15712  
 2014-07-21 12:18:10.320 Sequence Errors: 0  
 2014-07-21 12:18:10.320 Packet Buffer Used: 21892104  
 2014-07-21 12:18:10.320 Physical Port: Ethernet  
 2014-07-21 12:18:10.320 Baler Model: 14 Software Version: 2.28  
 2014-07-21 12:18:10.320 MAC Address: 00:04:FB:00:02:EA  
 2014-07-21 12:18:10.320 Disk Size: 20000669696

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2014-07-21 12:18:10.320 Percent of 1177 data files in use: 21.3
2014-07-21 12:18:10.320 Channels Enabled: 1234 Preamps ON channels:
2014-07-21 12:18:10.320 Channel Sensitivities (uV per count):
2014-07-21 12:18:10.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-21 12:18:10.320 Digitizer Calibration Results:
2014-07-21 12:18:10.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-21 12:18:10.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-21 12:18:10.320 DMU1 Software Version=10
2014-07-21 12:18:10.320 Supply Voltage=12.7
2014-07-21 12:18:10.320 Supply Current=0.41
2014-07-21 12:18:10.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-21 12:18:10.320 WebLink Data Maps Restored
2014-07-21 12:18:10.320 [2014-07-21 00:17:13.999998] sequence resumes: 9151943 to
9151943
2014-07-21 12:18:10.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-21 12:18:09
2014-07-21 12:23:31.800 Reducing Status Polling Interval
2014-07-21 12:23:31.800 [2014-07-21 12:23:30.999998] total packets received: 45484
2014-07-21 12:23:31.800 [2014-07-21 12:23:30.999998] command timeouts: 6
2014-07-21 12:23:31.800 [2014-07-21 12:23:30.999998] out of window: 56
2014-07-21 12:23:31.800 written: HHZ-1154 HH1-1333 HH2-1385 BDH-430 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-07-21 12:23:31.800 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-25 LH2-25 LDH-24
VMZ-1 VM1-1
2014-07-21 12:23:31.800 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-1
2014-07-21 12:23:31.800 [2014-07-21 12:23:30.999998] Done: 4439 recs. seq end:
9195520. run: 317 s
2014-07-22 00:24:24.360
2014-07-22 00:24:24.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-22 00:24:24.360 Control Port 2491 Opened
2014-07-22 00:24:24.360 Baler ready on Ethernet
2014-07-22 00:24:24.360 Power Cycled Baler Acknowledged
2014-07-22 00:24:24.360 Commands Accepted by Q330
2014-07-22 00:24:24.360 Access timeout: 300 sec
2014-07-22 00:24:24.360 Control Port 4023 Opened
2014-07-22 00:24:24.360 Data Port 4024 Opened
2014-07-22 00:24:24.360 Registered with Q330
2014-07-22 00:24:24.360 Combination Record Received
2014-07-22 00:24:24.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-22 00:24:24.360 Link Reset, starting window sequence: 13684
2014-07-22 00:24:24.360 GPS Receiver ID Received
2014-07-22 00:24:24.360 Manufacturer's Data Received, Property Tag=2017
2014-07-22 00:24:24.360 Digitizer Gain & Offsets Received
2014-07-22 00:24:24.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4439 recs.
seq end: 9195520
2014-07-22 00:24:24.360 Baler clock set to 2014-07-22 00:24:23
2014-07-22 00:24:24.360 Starting to Read DP Tokens
2014-07-22 00:24:24.360 DP Tokens loaded, size=1474 bytes
2014-07-22 00:24:24.360 Webserver advertising 192.168.200.119:5380
2014-07-22 00:24:24.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-22 00:24:24.360 filters & delay HH1:2@100,Linear all=0.320000
2014-07-22 00:24:24.360 filters & delay HH2:3@100,Linear all=0.320000
2014-07-22 00:24:24.360 filters & delay BDH:4@20,Linear all=1.650000
2014-07-22 00:24:24.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-22 00:24:24.360 filters & delay LH1:2@1,Linear all=15.000000
2014-07-22 00:24:24.360 filters & delay LH2:3@1,Linear all=15.000000
2014-07-22 00:24:24.360 filters & delay LDH:4@1,Linear all=15.000000
2014-07-22 00:24:24.360 [2014-07-21 12:23:30.999998] continuity found: 9195520
459260611.000000 Q=100
2014-07-22 00:24:24.360 [2014-07-21 12:23:30.999998] restoring continuity
2014-07-22 00:24:24.360 Sending DT_OPEN
2014-07-22 00:24:24.360 Station: XX-2017
2014-07-22 00:24:24.360 Q330 Serial Number: 0100000DB18FC351

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2014-07-22 00:24:24.360 AMB Serial Number: 0100000B6909DD82  
 2014-07-22 00:24:24.360 Seismo 1 Serial Number: 0000000000000000  
 2014-07-22 00:24:24.360 Seismo 2 Serial Number: 0000000000000000  
 2014-07-22 00:24:24.360 QAPCHP 1 Serial Number: 4643206  
 2014-07-22 00:24:24.360 QAPCHP 2 Serial Number: 3743050  
 2014-07-22 00:24:24.360 KMI Property Tag Number: 2017  
 2014-07-22 00:24:24.360 System Software Version: 1.146  
 2014-07-22 00:24:24.360 Slave Processor Version: 1.11  
 2014-07-22 00:24:24.360 Calibrator Type: QCAL330  
 2014-07-22 00:24:24.360 Calibrator Version: 1.8  
 2014-07-22 00:24:24.360 Auxiliary Board Type: None  
 2014-07-22 00:24:24.360 Clock Type: Motorola M12  
 2014-07-22 00:24:24.360 PLD Version: 7.9  
 2014-07-22 00:24:24.360 Total Hours: 67708.88  
 2014-07-22 00:24:24.360 Power On Hours: 32339.26  
 2014-07-22 00:24:24.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-22 00:24:24.360 Total Number of Boots: 120  
 2014-07-22 00:24:24.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-22 00:24:24.360 Total Number of Re-Syncs: 213  
 2014-07-22 00:24:24.360 Status Inputs: 00000000  
 2014-07-22 00:24:24.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-22 00:24:24.360 Clock Quality: 100%  
 2014-07-22 00:24:24.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-22 00:24:24.360 Clock Phase: 0 usec. max allowed=50000  
 2014-07-22 00:24:24.360 Boom positions:  
 2014-07-22 00:24:24.360 ch1: -3 ch2: 0 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-07-22 00:24:24.360 Analog Status  
 2014-07-22 00:24:24.360 Analog Positive Supply: 5.46V  
 2014-07-22 00:24:24.360 Input Voltage: 13.35V  
 2014-07-22 00:24:24.360 System Temperature: 5C  
 2014-07-22 00:24:24.360 Main Current: 61ma  
 2014-07-22 00:24:24.360 Antenna Current: 0ma  
 2014-07-22 00:24:24.360 GPS Status  
 2014-07-22 00:24:24.360 Time: 00:24:23  
 2014-07-22 00:24:24.360 Date:  
 2014-07-22 00:24:24.360 Fix Type: 1-D  
 2014-07-22 00:24:24.360 Height:  
 2014-07-22 00:24:24.360 Latitude:  
 2014-07-22 00:24:24.360 Longitude:  
 2014-07-22 00:24:24.360 On Time: 0min  
 2014-07-22 00:24:24.360 Sat. Used: 0  
 2014-07-22 00:24:24.360 In View: 0  
 2014-07-22 00:24:24.360 Checksum Errors: 0  
 2014-07-22 00:24:24.360 Last GPS timemark: 2014-07-22 00:24:22  
 2014-07-22 00:24:24.360 PLL Status  
 2014-07-22 00:24:24.360 State: Lock  
 2014-07-22 00:24:24.360 Initial VCO: 2200.992432  
 2014-07-22 00:24:24.360 Time Error: 0.000000  
 2014-07-22 00:24:24.360 RMS VCO: 0.000000  
 2014-07-22 00:24:24.360 Best VCO: 2200.99  
 2014-07-22 00:24:24.360 Seconds Since Track or Lock: 0.0  
 2014-07-22 00:24:24.360 Vco Control: 2201  
 2014-07-22 00:24:24.360 timing mode: external seascan  
 2014-07-22 00:24:24.360 tempco normal  
 2014-07-22 00:24:24.360 PLL update: 10s PLL lock criterion: 5us  
 2014-07-22 00:24:24.360 Pfrac: 150.00  
 2014-07-22 00:24:24.360 VCO slope: -0.0175000  
 2014-07-22 00:24:24.360 VCO intercept: 7.1100001  
 2014-07-22 00:24:24.360 km delta: 600.000000  
 2014-07-22 00:24:24.360 Logical Port 4 Status  
 2014-07-22 00:24:24.360 Data Packets Sent: 10435001  
 2014-07-22 00:24:24.360 Flood Packets Sent: 0  
 2014-07-22 00:24:24.360 Packets Re-Sent: 15786

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2014-07-22 00:24:24.360 Sequence Errors: 0  
 2014-07-22 00:24:24.360 Packet Buffer Used: 21468896  
 2014-07-22 00:24:24.360 Physical Port: Ethernet  
 2014-07-22 00:24:24.360 Baler Model: 14 Software Version: 2.28  
 2014-07-22 00:24:24.360 MAC Address: 00:04:FB:00:02:EA  
 2014-07-22 00:24:24.360 Disk Size: 20000669696  
 2014-07-22 00:24:24.360 Percent of 1177 data files in use: 21.3  
 2014-07-22 00:24:24.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-22 00:24:24.360 Channel Sensitivities (uV per count):  
 2014-07-22 00:24:24.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-22 00:24:24.360 Digitizer Calibration Results:  
 2014-07-22 00:24:24.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-22 00:24:24.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-22 00:24:24.360 DMU1 Software Version=10  
 2014-07-22 00:24:24.360 Supply Voltage=12.8  
 2014-07-22 00:24:24.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-22 00:24:24.360 webLink Data Maps Restored  
 2014-07-22 00:24:24.360 [2014-07-21 12:23:30.999998] sequence resumes: 9195520 to  
 9195520  
 2014-07-22 00:24:24.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-22 00:24:23  
 2014-07-22 00:29:36.400 [2014-07-22 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-07-22 00:29:36.400 Reducing Status Polling Interval  
 2014-07-22 00:29:36.400 [2014-07-22 00:29:49.999998] total packets received: 45625  
 2014-07-22 00:29:36.400 [2014-07-22 00:29:49.999998] command timeouts: 6  
 2014-07-22 00:29:36.400 [2014-07-22 00:29:49.999998] out of window: 78  
 2014-07-22 00:29:36.400 written: HHZ-1129 HH1-1309 HH2-1334 BDH-428 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-07-22 00:29:36.400 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-07-22 00:29:36.400 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-07-22 00:29:36.400 [2014-07-22 00:29:49.999998] Done: 4341 recs. seq end:  
 9239099. run: 321 s  
 2014-07-22 12:30:41.320  
 2014-07-22 12:30:41.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-22 12:30:41.320 Control Port 2491 Opened  
 2014-07-22 12:30:41.320 Baler ready on Ethernet  
 2014-07-22 12:30:41.320 Power Cycled Baler Acknowledged  
 2014-07-22 12:30:41.320 Commands Accepted by Q330  
 2014-07-22 12:30:41.320 Access timeout: 300 sec  
 2014-07-22 12:30:41.320 Control Port 4023 Opened  
 2014-07-22 12:30:41.320 Data Port 4024 Opened  
 2014-07-22 12:30:41.320 Registered with Q330  
 2014-07-22 12:30:41.320 Combination Record Received  
 2014-07-22 12:30:41.320 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-22 12:30:41.320 Link Reset, starting window sequence: 59196  
 2014-07-22 12:30:41.320 GPS Receiver ID Received  
 2014-07-22 12:30:41.320 Manufacturer's Data Received, Property Tag=2017  
 2014-07-22 12:30:41.320 Digitizer Gain & Offsets Received  
 2014-07-22 12:30:41.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4341 recs.  
 seq end: 9239099  
 2014-07-22 12:30:41.320 Baler clock set to 2014-07-22 12:30:40  
 2014-07-22 12:30:41.320 Starting to Read DP Tokens  
 2014-07-22 12:30:41.320 DP Tokens loaded, size=1474 bytes  
 2014-07-22 12:30:41.320 Webserver advertising 192.168.200.119:5380  
 2014-07-22 12:30:41.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-22 12:30:41.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-22 12:30:41.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-22 12:30:41.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-22 12:30:41.320 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-22 12:30:41.320 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-22 12:30:41.320 filters & delay LH2:3@1,Linear all=15.000000

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2014-07-22 12:30:41.320 filters & delay LDH:4@1,Linear all=15.000000
2014-07-22 12:30:41.320 [2014-07-22 00:29:49.999998] continuity found: 9239099
459304190.000000 Q=100
2014-07-22 12:30:41.320 [2014-07-22 00:29:49.999998] restoring continuity
2014-07-22 12:30:41.320 Sending DT_OPEN
2014-07-22 12:30:41.320 Station: XX-2017
2014-07-22 12:30:41.320 Q330 Serial Number: 0100000DB18FC351
2014-07-22 12:30:41.320 AMB Serial Number: 0100000B6909DD82
2014-07-22 12:30:41.320 Seismo 1 Serial Number: 0000000000000000
2014-07-22 12:30:41.320 Seismo 2 Serial Number: 0000000000000000
2014-07-22 12:30:41.320 QAPCHP 1 Serial Number: 4643206
2014-07-22 12:30:41.320 QAPCHP 2 Serial Number: 3743050
2014-07-22 12:30:41.320 KMI Property Tag Number: 2017
2014-07-22 12:30:41.320 System Software Version: 1.146
2014-07-22 12:30:41.320 Slave Processor Version: 1.11
2014-07-22 12:30:41.320 Calibrator Type: QCAL330
2014-07-22 12:30:41.320 Calibrator Version: 1.8
2014-07-22 12:30:41.320 Auxiliary Board Type: None
2014-07-22 12:30:41.320 Clock Type: Motorola M12
2014-07-22 12:30:41.320 PLD Version: 7.9
2014-07-22 12:30:41.320 Total Hours: 67720.98
2014-07-22 12:30:41.320 Power On Hours: 32351.37
2014-07-22 12:30:41.320 Time of Last Boot: 2014-04-06 02:03:58
2014-07-22 12:30:41.320 Total Number of Boots: 120
2014-07-22 12:30:41.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-22 12:30:41.320 Total Number of Re-Syncs: 213
2014-07-22 12:30:41.320 Status Inputs: 00000000
2014-07-22 12:30:41.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-07-22 12:30:41.320 Clock Quality: 100%
2014-07-22 12:30:41.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-22 12:30:41.320 Clock Phase: 0 usec. max allowed=50000
2014-07-22 12:30:41.320 Boom positions:
2014-07-22 12:30:41.320 ch1: -2 ch2: 1 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-07-22 12:30:41.320 Analog Status
2014-07-22 12:30:41.320 Analog Positive Supply: 5.46v
2014-07-22 12:30:41.320 Input Voltage: 13.35V
2014-07-22 12:30:41.320 System Temperature: 5C
2014-07-22 12:30:41.320 Main Current: 61ma
2014-07-22 12:30:41.320 Antenna Current: 0ma
2014-07-22 12:30:41.320 GPS Status
2014-07-22 12:30:41.320 Time: 12:30:40
2014-07-22 12:30:41.320 Date:
2014-07-22 12:30:41.320 Fix Type: 1-D
2014-07-22 12:30:41.320 Height:
2014-07-22 12:30:41.320 Latitude:
2014-07-22 12:30:41.320 Longitude:
2014-07-22 12:30:41.320 On Time: 0min
2014-07-22 12:30:41.320 Sat. Used: 0
2014-07-22 12:30:41.320 In View: 0
2014-07-22 12:30:41.320 Checksum Errors: 0
2014-07-22 12:30:41.320 Last GPS timemark: 2014-07-22 12:30:39
2014-07-22 12:30:41.320 PLL Status
2014-07-22 12:30:41.320 State: Lock
2014-07-22 12:30:41.320 Initial VCO: 2200.798340
2014-07-22 12:30:41.320 Time Error: 0.000000
2014-07-22 12:30:41.320 RMS VCO: 0.0000000
2014-07-22 12:30:41.320 Best VCO: 2200.86
2014-07-22 12:30:41.320 Seconds Since Track or Lock: 0.0
2014-07-22 12:30:41.320 Vco Control: 2201
2014-07-22 12:30:41.320 timing mode: external seascan
2014-07-22 12:30:41.320 tempco normal
2014-07-22 12:30:41.320 PLL update: 10s PLL lock criterion: 5us
2014-07-22 12:30:41.320 Pfrac: 150.00

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2014-07-22 12:30:41.320 VCO slope: -0.0175000  
 2014-07-22 12:30:41.320 VCO intercept: 7.1100001  
 2014-07-22 12:30:41.320 Km delta: 600.0000000  
 2014-07-22 12:30:41.320 Logical Port 4 Status  
 2014-07-22 12:30:41.320 Data Packets Sent: 10480518  
 2014-07-22 12:30:41.320 Flood Packets Sent: 0  
 2014-07-22 12:30:41.320 Packets Re-Sent: 15876  
 2014-07-22 12:30:41.320 Sequence Errors: 0  
 2014-07-22 12:30:41.320 Packet Buffer Used: 21253804  
 2014-07-22 12:30:41.320 Physical Port: Ethernet  
 2014-07-22 12:30:41.320 Baler Model: 14 Software Version: 2.28  
 2014-07-22 12:30:41.320 MAC Address: 00:04:FB:00:02:EA  
 2014-07-22 12:30:41.320 Disk Size: 20000669696  
 2014-07-22 12:30:41.320 Percent of 1177 data files in use: 21.4  
 2014-07-22 12:30:41.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-22 12:30:41.320 Channel sensitivities (uV per count):  
 2014-07-22 12:30:41.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-22 12:30:41.320 Digitizer Calibration Results:  
 2014-07-22 12:30:41.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-22 12:30:41.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-22 12:30:41.320 DMU1 Software Version=10  
 2014-07-22 12:30:41.320 Supply Voltage=12.7  
 2014-07-22 12:30:41.320 Supply Current=0.40  
 2014-07-22 12:30:41.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-22 12:30:41.320 WebLink Data Maps Restored  
 2014-07-22 12:30:41.320 [2014-07-22 00:29:49.999998] sequence resumes: 9239099 to 9239099  
 2014-07-22 12:30:41.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-07-22 12:30:40  
 2014-07-22 12:36:04.060 Reducing Status Polling Interval  
 2014-07-22 12:36:04.060 [2014-07-22 12:36:02.999998] total packets received: 43815  
 2014-07-22 12:36:04.060 [2014-07-22 12:36:02.999998] command timeouts: 6  
 2014-07-22 12:36:04.060 [2014-07-22 12:36:02.999998] out of window: 63  
 2014-07-22 12:36:04.060 written: HHZ-1122 HH1-1267 HH2-1325 BDH-431 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-07-22 12:36:04.060 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-07-22 12:36:04.060 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2014-07-22 12:36:04.060 [2014-07-22 12:36:02.999998] Done: 4288 recs. seq end: 9282672. run: 318 s  
 2014-07-23 00:36:56.350  
 2014-07-23 00:36:56.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-23 00:36:56.350 Control Port 2491 Opened  
 2014-07-23 00:36:56.350 Baler ready on Ethernet  
 2014-07-23 00:36:56.350 Power Cycled Baler Acknowledged  
 2014-07-23 00:36:56.350 Commands Accepted by Q330  
 2014-07-23 00:36:56.350 Access timeout: 300 sec  
 2014-07-23 00:36:56.350 Control Port 4023 Opened  
 2014-07-23 00:36:56.350 Data Port 4024 Opened  
 2014-07-23 00:36:56.350 Registered with Q330  
 2014-07-23 00:36:56.350 Combination Record Received  
 2014-07-23 00:36:56.350 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-23 00:36:56.350 Link Reset, starting window sequence: 37377  
 2014-07-23 00:36:56.350 GPS Receiver ID Received  
 2014-07-23 00:36:56.350 Manufacturer's Data Received, Property Tag=2017  
 2014-07-23 00:36:56.350 Digitizer Gain & Offsets Received  
 2014-07-23 00:36:56.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4288 recs. seq end: 9282672  
 2014-07-23 00:36:56.350 Baler clock set to 2014-07-23 00:36:55  
 2014-07-23 00:36:56.350 Starting to Read DP Tokens  
 2014-07-23 00:36:56.350 DP Tokens loaded, size=1474 bytes  
 2014-07-23 00:36:56.350 Webserver advertising 192.168.200.119:5380  
 2014-07-23 00:36:56.350 filters & delay HHZ:1@100,Linear all=0.320000



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2014-07-23 00:36:56.350 filters & delay HH1:2@100,Linear all=0.320000
2014-07-23 00:36:56.350 filters & delay HH2:3@100,Linear all=0.320000
2014-07-23 00:36:56.350 filters & delay BDH:4@20,Linear all=1.650000
2014-07-23 00:36:56.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-23 00:36:56.350 filters & delay LH1:2@1,Linear all=15.000000
2014-07-23 00:36:56.350 filters & delay LH2:3@1,Linear all=15.000000
2014-07-23 00:36:56.350 filters & delay LDH:4@1,Linear all=15.000000
2014-07-23 00:36:56.350 [2014-07-22 12:36:02.999998] continuity found: 9282672
459347763.000000 Q=100
2014-07-23 00:36:56.350 [2014-07-22 12:36:02.999998] restoring continuity
2014-07-23 00:36:56.350 Sending DT_OPEN
2014-07-23 00:36:56.350 Station: XX-2017
2014-07-23 00:36:56.350 Q330 Serial Number: 0100000DB18FC351
2014-07-23 00:36:56.350 AMB Serial Number: 0100000B6909DD82
2014-07-23 00:36:56.350 Seismo 1 Serial Number: 0000000000000000
2014-07-23 00:36:56.350 Seismo 2 Serial Number: 0000000000000000
2014-07-23 00:36:56.350 QAPCHP 1 Serial Number: 4643206
2014-07-23 00:36:56.350 QAPCHP 2 Serial Number: 3743050
2014-07-23 00:36:56.350 KMI Property Tag Number: 2017
2014-07-23 00:36:56.350 System Software Version: 1.146
2014-07-23 00:36:56.350 Slave Processor Version: 1.11
2014-07-23 00:36:56.350 Calibrator Type: QCAL330
2014-07-23 00:36:56.350 Calibrator Version: 1.8
2014-07-23 00:36:56.350 Auxiliary Board Type: None
2014-07-23 00:36:56.350 Clock Type: Motorola M12
2014-07-23 00:36:56.350 PLD Version: 7.9
2014-07-23 00:36:56.350 Total Hours: 67733.09
2014-07-23 00:36:56.350 Power On Hours: 32363.47
2014-07-23 00:36:56.350 Time of Last Boot: 2014-04-06 02:03:58
2014-07-23 00:36:56.350 Total Number of Boots: 120
2014-07-23 00:36:56.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-23 00:36:56.350 Total Number of Re-Syncs: 213
2014-07-23 00:36:56.350 Status Inputs: 00000000
2014-07-23 00:36:56.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-07-23 00:36:56.350 Clock Quality: 100%
2014-07-23 00:36:56.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-23 00:36:56.350 Clock Phase: 1 usec. max allowed=50000
2014-07-23 00:36:56.350 Ch1: -3 Ch2: 2 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-23 00:36:56.350 Analog Status
2014-07-23 00:36:56.350 Analog Positive Supply: 5.46V
2014-07-23 00:36:56.350 Input Voltage: 13.20V
2014-07-23 00:36:56.350 System Temperature: 5C
2014-07-23 00:36:56.350 Main Current: 62ma
2014-07-23 00:36:56.350 Antenna Current: 0ma
2014-07-23 00:36:56.350 GPS Status
2014-07-23 00:36:56.350 Time: 00:36:55
2014-07-23 00:36:56.350 Date:
2014-07-23 00:36:56.350 Fix Type: 1-D
2014-07-23 00:36:56.350 Height:
2014-07-23 00:36:56.350 Latitude:
2014-07-23 00:36:56.350 Longitude:
2014-07-23 00:36:56.350 On Time: 0min
2014-07-23 00:36:56.350 Sat. Used: 0
2014-07-23 00:36:56.350 In View: 0
2014-07-23 00:36:56.350 Checksum Errors: 0
2014-07-23 00:36:56.350 Last GPS timemark: 2014-07-23 00:36:54
2014-07-23 00:36:56.350 PLL Status
2014-07-23 00:36:56.350 State: Lock
2014-07-23 00:36:56.350 Initial VCO: 2200.072998
2014-07-23 00:36:56.350 Time Error: 0.000000
2014-07-23 00:36:56.350 RMS VCO: 0.0000000
2014-07-23 00:36:56.350 Best VCO: 2200.05
2014-07-23 00:36:56.350 Seconds Since Track or Lock: 0.0

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2014-07-23 00:36:56.350 Vco Control: 2200  
 2014-07-23 00:36:56.350 timing mode: external seascan  
 2014-07-23 00:36:56.350 tempco normal  
 2014-07-23 00:36:56.350 PLL update: 10s PLL lock criterion: 5us  
 2014-07-23 00:36:56.350 Pfrac: 150.00  
 2014-07-23 00:36:56.350 VCO slope: -0.0175000  
 2014-07-23 00:36:56.350 VCO intercept: 7.1100001  
 2014-07-23 00:36:56.350 km delta: 600.0000000  
 2014-07-23 00:36:56.350 Logical Port 4 Status  
 2014-07-23 00:36:56.350 Data Packets Sent: 10524240  
 2014-07-23 00:36:56.350 Flood Packets Sent: 0  
 2014-07-23 00:36:56.350 Packets Re-Sent: 15958  
 2014-07-23 00:36:56.350 Sequence Errors: 0  
 2014-07-23 00:36:56.350 Packet Buffer Used: 21429896  
 2014-07-23 00:36:56.350 Physical Port: Ethernet  
 2014-07-23 00:36:56.350 Baler Model: 14 Software Version: 2.28  
 2014-07-23 00:36:56.350 MAC Address: 00:04:FB:00:02:EA  
 2014-07-23 00:36:56.350 Disk Size: 20000669696  
 2014-07-23 00:36:56.350 Percent of 1177 data files in use: 21.4  
 2014-07-23 00:36:56.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-23 00:36:56.350 Channel Sensitivities (uV per count):  
 2014-07-23 00:36:56.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-23 00:36:56.350 Digitizer Calibration Results:  
 2014-07-23 00:36:56.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-23 00:36:56.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-23 00:36:56.350 DMU1 Software Version=10  
 2014-07-23 00:36:56.350 Supply Voltage=12.7  
 2014-07-23 00:36:56.350 Supply Current=0.42  
 2014-07-23 00:36:56.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-23 00:36:56.350 WebLink Data Maps Restored  
 2014-07-23 00:36:56.350 [2014-07-22 12:36:02.999998] sequence resumes: 9282672 to  
 9282672  
 2014-07-23 00:36:56.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-23 00:36:55  
 2014-07-23 00:41:55.200 [2014-07-23 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-07-23 00:41:55.200 Reducing Status Polling Interval  
 2014-07-23 00:41:55.200 [2014-07-23 00:42:12.999998] total packets received: 44238  
 2014-07-23 00:41:55.200 [2014-07-23 00:42:12.999998] command timeouts: 6  
 2014-07-23 00:41:55.200 [2014-07-23 00:42:12.999998] out of window: 61  
 2014-07-23 00:41:55.200 written: HHZ-1129 HH1-1297 HH2-1339 BDH-425 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-07-23 00:41:55.200 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25  
 VMZ-1 VM1-1  
 2014-07-23 00:41:55.200 written: VM2-1 LOG-2 ACE-2 OCF-2  
 2014-07-23 00:41:55.200 [2014-07-23 00:42:12.999998] Done: 4327 recs. seq end:  
 9326242. run: 313 s  
 2014-07-23 12:43:09.350  
 2014-07-23 12:43:09.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-23 12:43:09.350 Control Port 2491 Opened  
 2014-07-23 12:43:09.350 Baler ready on Ethernet  
 2014-07-23 12:43:09.350 Power Cycled Baler Acknowledged  
 2014-07-23 12:43:09.350 Commands Accepted by Q330  
 2014-07-23 12:43:09.350 Access timeout: 300 sec  
 2014-07-23 12:43:09.350 Control Port 4023 Opened  
 2014-07-23 12:43:09.350 Data Port 4024 Opened  
 2014-07-23 12:43:09.350 Registered with Q330  
 2014-07-23 12:43:09.350 Combination Record Received  
 2014-07-23 12:43:09.350 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-23 12:43:09.350 Link Reset, starting window sequence: 15983  
 2014-07-23 12:43:09.350 GPS Receiver ID Received  
 2014-07-23 12:43:09.350 Manufacturer's Data Received, Property Tag=2017  
 2014-07-23 12:43:09.350 Digitizer Gain & Offsets Received

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2014-07-23 12:43:09.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4327 recs.
seq end: 9326242
2014-07-23 12:43:09.350 Baler clock set to 2014-07-23 12:43:08
2014-07-23 12:43:09.350 Starting to Read DP Tokens
2014-07-23 12:43:09.350 DP Tokens loaded, size=1474 bytes
2014-07-23 12:43:09.350 webserver advertising 192.168.200.119:5380
2014-07-23 12:43:09.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-23 12:43:09.350 filters & delay HH1:2@100,Linear all=0.320000
2014-07-23 12:43:09.350 filters & delay HH2:3@100,Linear all=0.320000
2014-07-23 12:43:09.350 filters & delay BDH:4@20,Linear all=1.650000
2014-07-23 12:43:09.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-23 12:43:09.350 filters & delay LH1:2@1,Linear all=15.000000
2014-07-23 12:43:09.350 filters & delay LH2:3@1,Linear all=15.000000
2014-07-23 12:43:09.350 filters & delay LDH:4@1,Linear all=15.000000
2014-07-23 12:43:09.350 [2014-07-23 00:42:12.999998] continuity found: 9326242
459391333.000000 Q=100
2014-07-23 12:43:09.350 [2014-07-23 00:42:12.999998] restoring continuity
2014-07-23 12:43:09.350 Sending DT_OPEN
2014-07-23 12:43:09.350 Station: XX-2017
2014-07-23 12:43:09.350 Q330 Serial Number: 0100000DB18FC351
2014-07-23 12:43:09.350 AMB Serial Number: 0100000B6909DD82
2014-07-23 12:43:09.350 Seismo 1 Serial Number: 0000000000000000
2014-07-23 12:43:09.350 Seismo 2 Serial Number: 0000000000000000
2014-07-23 12:43:09.350 QAPCHP 1 Serial Number: 4643206
2014-07-23 12:43:09.350 QAPCHP 2 Serial Number: 3743050
2014-07-23 12:43:09.350 KMI Property Tag Number: 2017
2014-07-23 12:43:09.350 System Software Version: 1.146
2014-07-23 12:43:09.350 Slave Processor Version: 1.11
2014-07-23 12:43:09.350 Calibrator Type: QCAL330
2014-07-23 12:43:09.350 Calibrator Version: 1.8
2014-07-23 12:43:09.350 Auxiliary Board Type: None
2014-07-23 12:43:09.350 Clock Type: Motorola M12
2014-07-23 12:43:09.350 PLD Version: 7.9
2014-07-23 12:43:09.350 Total Hours: 67745.19
2014-07-23 12:43:09.350 Power On Hours: 32375.58
2014-07-23 12:43:09.350 Time of Last Boot: 2014-04-06 02:03:58
2014-07-23 12:43:09.350 Total Number of Boots: 120
2014-07-23 12:43:09.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-23 12:43:09.350 Total Number of Re-Syncs: 213
2014-07-23 12:43:09.350 Status Inputs: 00000000
2014-07-23 12:43:09.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-23 12:43:09.350 Clock Quality: 100%
2014-07-23 12:43:09.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-23 12:43:09.350 Clock Phase: 0 usec. max allowed=50000
2014-07-23 12:43:09.350 Boom positions:
2014-07-23 12:43:09.350 ch1: -2 ch2: 3 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-07-23 12:43:09.350 Analog Status
2014-07-23 12:43:09.350 Analog Positive Supply: 5.46V
2014-07-23 12:43:09.350 Input Voltage: 13.20V
2014-07-23 12:43:09.350 System Temperature: 5C
2014-07-23 12:43:09.350 Main Current: 62ma
2014-07-23 12:43:09.350 Antenna Current: 0ma
2014-07-23 12:43:09.350 GPS Status
2014-07-23 12:43:09.350 Time: 12:43:08
2014-07-23 12:43:09.350 Date:
2014-07-23 12:43:09.350 Fix Type: 1-D
2014-07-23 12:43:09.350 Height:
2014-07-23 12:43:09.350 Latitude:
2014-07-23 12:43:09.350 Longitude:
2014-07-23 12:43:09.350 On Time: 0min
2014-07-23 12:43:09.350 Sat. Used: 0
2014-07-23 12:43:09.350 In View: 0
2014-07-23 12:43:09.350 Checksum Errors: 0

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2014-07-23 12:43:09.350 Last GPS timemark: 2014-07-23 12:43:07
2014-07-23 12:43:09.350 PLL Status
2014-07-23 12:43:09.350 State: Lock
2014-07-23 12:43:09.350 Initial VCO: 2200.721191
2014-07-23 12:43:09.350 Time Error: 0.000000
2014-07-23 12:43:09.350 RMS VCO: 0.000000
2014-07-23 12:43:09.350 Best VCO: 2200.75
2014-07-23 12:43:09.350 Seconds Since Track or Lock: 0.0
2014-07-23 12:43:09.350 Vco Control: 2201
2014-07-23 12:43:09.350 timing mode: external seascan
2014-07-23 12:43:09.350 tempco normal
2014-07-23 12:43:09.350 PLL update: 10s PLL lock criterion: 5us
2014-07-23 12:43:09.350 Pfrac: 150.00
2014-07-23 12:43:09.350 VCO slope: -0.0175000
2014-07-23 12:43:09.350 VCO intercept: 7.1100001
2014-07-23 12:43:09.350 km delta: 600.0000000
2014-07-23 12:43:09.350 Logical Port 4 Status
2014-07-23 12:43:09.350 Data Packets Sent: 10568387
2014-07-23 12:43:09.350 Flood Packets Sent: 0
2014-07-23 12:43:09.350 Packets Re-Sent: 16036
2014-07-23 12:43:09.350 Sequence Errors: 0
2014-07-23 12:43:09.350 Packet Buffer Used: 21851472
2014-07-23 12:43:09.350 Physical Port: Ethernet
2014-07-23 12:43:09.350 Baler Model: 14 Software Version: 2.28
2014-07-23 12:43:09.350 MAC Address: 00:04:FB:00:02:EA
2014-07-23 12:43:09.350 Disk Size: 20000669696
2014-07-23 12:43:09.350 Percent of 1177 data files in use: 21.7
2014-07-23 12:43:09.350 Channels Enabled: 1234 Preamps ON channels:
2014-07-23 12:43:09.350 Channel Sensitivities (uV per count):
2014-07-23 12:43:09.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-23 12:43:09.350 Digitizer Calibration Results:
2014-07-23 12:43:09.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-23 12:43:09.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-23 12:43:09.350 DMU1 Software Version=10
2014-07-23 12:43:09.350 Supply Voltage=12.7
2014-07-23 12:43:09.350 Supply Current=0.41
2014-07-23 12:43:09.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-23 12:43:09.350 webLink Data Maps Restored
2014-07-23 12:43:09.350 [2014-07-23 00:42:12.999998] sequence resumes: 9326242 to
9326242
2014-07-23 12:43:09.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-23 12:43:08
2014-07-23 12:48:30.720 Reducing Status Polling Interval
2014-07-23 12:48:30.720 [2014-07-23 12:48:29.999998] total packets received: 44239
2014-07-23 12:48:30.720 [2014-07-23 12:48:29.999998] command timeouts: 6
2014-07-23 12:48:30.720 [2014-07-23 12:48:29.999998] out of window: 58
2014-07-23 12:48:30.720 written: HHZ-1141 HH1-1364 HH2-1368 BDH-424 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-07-23 12:48:30.720 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-23 12:48:30.720 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1
2014-07-23 12:48:30.720 [2014-07-23 12:48:29.999998] Done: 4434 recs. seq end:
9369819. run: 317 s
2014-07-24 00:49:22.400
2014-07-24 00:49:22.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-24 00:49:22.400 Control Port 2491 Opened
2014-07-24 00:49:22.400 Baler ready on Ethernet
2014-07-24 00:49:22.400 Power Cycled Baler Acknowledged
2014-07-24 00:49:22.400 Commands Accepted by Q330
2014-07-24 00:49:22.400 Access timeout: 300 sec
2014-07-24 00:49:22.400 Control Port 4023 Opened
2014-07-24 00:49:22.400 Data Port 4024 Opened
2014-07-24 00:49:22.400 Registered with Q330

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2014-07-24 00:49:22.400 Combination Record Received
2014-07-24 00:49:22.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-24 00:49:22.400 Link Reset, starting window sequence: 60129
2014-07-24 00:49:22.400 GPS Receiver ID Received
2014-07-24 00:49:22.400 Manufacturer's Data Received, Property Tag=2017
2014-07-24 00:49:22.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4434 recs.
seq end: 9369819
2014-07-24 00:49:22.400 Baler clock set to 2014-07-24 00:49:21
2014-07-24 00:49:22.400 Starting to Read DP Tokens
2014-07-24 00:49:22.400 DP Tokens loaded, size=1474 bytes
2014-07-24 00:49:22.400 webserver advertising 192.168.200.119:5380
2014-07-24 00:49:22.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-24 00:49:22.400 filters & delay HH1:2@100,Linear all=0.320000
2014-07-24 00:49:22.400 filters & delay HH2:3@100,Linear all=0.320000
2014-07-24 00:49:22.400 filters & delay BDH:4@20,Linear all=1.650000
2014-07-24 00:49:22.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-24 00:49:22.400 filters & delay LH1:2@1,Linear all=15.000000
2014-07-24 00:49:22.400 filters & delay LH2:3@1,Linear all=15.000000
2014-07-24 00:49:22.400 filters & delay LDH:4@1,Linear all=15.000000
2014-07-24 00:49:22.400 [2014-07-23 12:48:29.999998] continuity found: 9369819
459434910.000000 Q=100
2014-07-24 00:49:22.400 [2014-07-23 12:48:29.999998] restoring continuity
2014-07-24 00:49:22.400 Sending DT_OPEN
2014-07-24 00:49:22.400 Station: XX-2017
2014-07-24 00:49:22.400 Q330 Serial Number: 0100000DB18FC351
2014-07-24 00:49:22.400 AMB Serial Number: 0100000B6909DD82
2014-07-24 00:49:22.400 Seismo 1 Serial Number: 0000000000000000
2014-07-24 00:49:22.400 Seismo 2 Serial Number: 0000000000000000
2014-07-24 00:49:22.400 QAPCHP 1 Serial Number: 4643206
2014-07-24 00:49:22.400 QAPCHP 2 Serial Number: 3743050
2014-07-24 00:49:22.400 KMI Property Tag Number: 2017
2014-07-24 00:49:22.400 System Software Version: 1.146
2014-07-24 00:49:22.400 Slave Processor Version: 1.11
2014-07-24 00:49:22.400 Calibrator Type: QCAL330
2014-07-24 00:49:22.400 Calibrator Version: 1.8
2014-07-24 00:49:22.400 Auxiliary Board Type: None
2014-07-24 00:49:22.400 Clock Type: Motorola M12
2014-07-24 00:49:22.400 PLD Version: 7.9
2014-07-24 00:49:22.400 Total Hours: 67757.30
2014-07-24 00:49:22.400 Power On Hours: 32387.68
2014-07-24 00:49:22.400 Time of Last Boot: 2014-04-06 02:03:58
2014-07-24 00:49:22.400 Total Number of Boots: 120
2014-07-24 00:49:22.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-24 00:49:22.400 Total Number of Re-Syncs: 213
2014-07-24 00:49:22.400 Status Inputs: 00000000
2014-07-24 00:49:22.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-24 00:49:22.400 Clock Quality: 100%
2014-07-24 00:49:22.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-24 00:49:22.400 Clock Phase: 1 usec. max allowed=50000
2014-07-24 00:49:22.400 Boom positions:
2014-07-24 00:49:22.400 ch1: -3 ch2: 3 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-07-24 00:49:22.400 Analog Status
2014-07-24 00:49:22.400 Analog Positive Supply: 5.46V
2014-07-24 00:49:22.400 Input Voltage: 13.35V
2014-07-24 00:49:22.400 System Temperature: 5C
2014-07-24 00:49:22.400 Main Current: 62ma
2014-07-24 00:49:22.400 Antenna Current: 0ma
2014-07-24 00:49:22.400 GPS Status
2014-07-24 00:49:22.400 Time: 00:49:21
2014-07-24 00:49:22.400 Date:
2014-07-24 00:49:22.400 Fix Type: 1-D
2014-07-24 00:49:22.400 Height:
2014-07-24 00:49:22.400 Latitude:

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2014-07-24 00:49:22.400 Longitude:
2014-07-24 00:49:22.400 On Time: 0min
2014-07-24 00:49:22.400 Sat. Used: 0
2014-07-24 00:49:22.400 In View: 0
2014-07-24 00:49:22.400 Checksum Errors: 0
2014-07-24 00:49:22.400 Last GPS timemark: 2014-07-24 00:49:20
2014-07-24 00:49:22.400 PLL Status
2014-07-24 00:49:22.400 State: Lock
2014-07-24 00:49:22.400 Initial VCO: 2201.003174
2014-07-24 00:49:22.400 Time Error: -0.000001
2014-07-24 00:49:22.400 RMS VCO: 0.0000000
2014-07-24 00:49:22.400 Best VCO: 2200.94
2014-07-24 00:49:22.400 Seconds Since Track or Lock: 0.0
2014-07-24 00:49:22.400 Vco Control: 2201
2014-07-24 00:49:22.400 timing mode: external seascan
2014-07-24 00:49:22.400 tempco normal
2014-07-24 00:49:22.400 PLL update: 10s PLL lock criterion: 5us
2014-07-24 00:49:22.400 Pfrac: 150.00
2014-07-24 00:49:22.400 VCO slope: -0.0175000
2014-07-24 00:49:22.400 VCO intercept: 7.1100001
2014-07-24 00:49:22.400 km delta: 600.0000000
2014-07-24 00:49:22.400 Logical Port 4 Status
2014-07-24 00:49:22.400 Data Packets Sent: 10612538
2014-07-24 00:49:22.400 Flood Packets Sent: 0
2014-07-24 00:49:22.400 Packets Re-Sent: 16114
2014-07-24 00:49:22.400 Sequence Errors: 0
2014-07-24 00:49:22.400 Packet Buffer Used: 21255232
2014-07-24 00:49:22.400 Physical Port: Ethernet
2014-07-24 00:49:22.400 Baler Model: 14 Software Version: 2.28
2014-07-24 00:49:22.400 MAC Address: 00:04:FB:00:02:EA
2014-07-24 00:49:22.400 Disk Size: 20000669696
2014-07-24 00:49:22.400 Percent of 1177 data files in use: 21.7
2014-07-24 00:49:22.400 Channels Enabled: 1234 Preamps ON channels:
2014-07-24 00:49:22.400 Channel sensitivities (uV per count):
2014-07-24 00:49:22.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-24 00:49:22.400 Digitizer Calibration Results:
2014-07-24 00:49:22.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-24 00:49:22.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-24 00:49:22.400 DMU1 Software Version=10
2014-07-24 00:49:22.400 Supply Voltage=12.7
2014-07-24 00:49:22.400 Supply Current=0.41
2014-07-24 00:49:22.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-24 00:49:22.400 webLink Data Maps Restored
2014-07-24 00:49:22.400 [2014-07-23 12:48:29.999998] sequence resumes: 9369819 to
9369819
2014-07-24 00:49:22.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-24 00:49:21
2014-07-24 00:54:12.960 [2014-07-24 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-24 00:54:12.960 Reducing Status Polling Interval
2014-07-24 00:54:12.960 [2014-07-24 00:54:44.000000] total packets received: 44453
2014-07-24 00:54:12.960 [2014-07-24 00:54:44.000000] command timeouts: 6
2014-07-24 00:54:12.960 [2014-07-24 00:54:44.000000] out of window: 68
2014-07-24 00:54:12.960 written: HHZ-1123 HH1-1298 HH2-1296 BDH-429 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-24 00:54:12.960 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-24 00:54:12.960 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-24 00:54:12.960 [2014-07-24 00:54:44.000000] Done: 4290 recs. seq end:
9413393. run: 318 s
2014-07-24 12:55:37.320
2014-07-24 12:55:37.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-24 12:55:37.320 Control Port 2491 Opened

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2014-07-24 12:55:37.320 Baler ready on Ethernet
2014-07-24 12:55:37.320 Power Cycled Baler Acknowledged
2014-07-24 12:55:37.320 Commands Accepted by Q330
2014-07-24 12:55:37.320 Access timeout: 300 sec
2014-07-24 12:55:37.320 Control Port 4023 Opened
2014-07-24 12:55:37.320 Data Port 4024 Opened
2014-07-24 12:55:37.320 Registered with Q330
2014-07-24 12:55:37.320 Combination Record Received
2014-07-24 12:55:37.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-24 12:55:37.320 Link Reset, starting window sequence: 38943
2014-07-24 12:55:37.320 GPS Receiver ID Received
2014-07-24 12:55:37.320 Manufacturer's Data Received, Property Tag=2017
2014-07-24 12:55:37.320 Digitizer Gain & Offsets Received
2014-07-24 12:55:37.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4290 recs.
seq end: 9413393
2014-07-24 12:55:37.320 Baler clock set to 2014-07-24 12:55:36
2014-07-24 12:55:37.320 Starting to Read DP Tokens
2014-07-24 12:55:37.320 DP Tokens loaded, size=1474 bytes
2014-07-24 12:55:37.320 webserver advertising 192.168.200.119:5380
2014-07-24 12:55:37.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-24 12:55:37.320 filters & delay HH1:2@100,Linear all=0.320000
2014-07-24 12:55:37.320 filters & delay HH2:3@100,Linear all=0.320000
2014-07-24 12:55:37.320 filters & delay BDH:4@20,Linear all=1.650000
2014-07-24 12:55:37.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-24 12:55:37.320 filters & delay LH1:2@1,Linear all=15.000000
2014-07-24 12:55:37.320 filters & delay LH2:3@1,Linear all=15.000000
2014-07-24 12:55:37.320 filters & delay LDH:4@1,Linear all=15.000000
2014-07-24 12:55:37.320 [2014-07-24 00:54:44.000000] continuity found: 9413393
459478484.000000 Q=100
2014-07-24 12:55:37.320 [2014-07-24 00:54:44.000000] restoring continuity
2014-07-24 12:55:37.320 Sending DT_OPEN
2014-07-24 12:55:37.320 Station: XX-2017
2014-07-24 12:55:37.320 Q330 Serial Number: 0100000DB18FC351
2014-07-24 12:55:37.320 AMB Serial Number: 0100000B6909DD82
2014-07-24 12:55:37.320 Seismo 1 Serial Number: 0000000000000000
2014-07-24 12:55:37.320 Seismo 2 Serial Number: 0000000000000000
2014-07-24 12:55:37.320 QAPCHP 1 Serial Number: 4643206
2014-07-24 12:55:37.320 QAPCHP 2 Serial Number: 3743050
2014-07-24 12:55:37.320 KMI Property Tag Number: 2017
2014-07-24 12:55:37.320 System Software Version: 1.146
2014-07-24 12:55:37.320 Slave Processor Version: 1.11
2014-07-24 12:55:37.320 Calibrator Type: QCAL330
2014-07-24 12:55:37.320 Calibrator Version: 1.8
2014-07-24 12:55:37.320 Auxiliary Board Type: None
2014-07-24 12:55:37.320 Clock Type: Motorola M12
2014-07-24 12:55:37.320 PLD Version: 7.9
2014-07-24 12:55:37.320 Total Hours: 67769.40
2014-07-24 12:55:37.320 Power On Hours: 32399.79
2014-07-24 12:55:37.320 Time of Last Boot: 2014-04-06 02:03:58
2014-07-24 12:55:37.320 Total Number of Boots: 120
2014-07-24 12:55:37.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-24 12:55:37.320 Total Number of Re-Syncs: 213
2014-07-24 12:55:37.320 Status Inputs: 00000000
2014-07-24 12:55:37.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-24 12:55:37.320 Clock Quality: 100%
2014-07-24 12:55:37.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-24 12:55:37.320 Clock Phase: 0 usec. max allowed=50000
2014-07-24 12:55:37.320 Boom positions:
2014-07-24 12:55:37.320 Ch1: -3 Ch2: 4 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-24 12:55:37.320 Analog Status
2014-07-24 12:55:37.320 Analog Positive Supply: 5.46v
2014-07-24 12:55:37.320 Input Voltage: 13.20v
2014-07-24 12:55:37.320 System Temperature: 5C

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2014-07-24 12:55:37.320 Main Current: 62ma
2014-07-24 12:55:37.320 Antenna Current: 0ma
2014-07-24 12:55:37.320 GPS Status
2014-07-24 12:55:37.320 Time: 12:55:36
2014-07-24 12:55:37.320 Date:
2014-07-24 12:55:37.320 Fix Type: 1-D
2014-07-24 12:55:37.320 Height:
2014-07-24 12:55:37.320 Latitude:
2014-07-24 12:55:37.320 Longitude:
2014-07-24 12:55:37.320 On Time: 0min
2014-07-24 12:55:37.320 Sat. Used: 0
2014-07-24 12:55:37.320 In View: 0
2014-07-24 12:55:37.320 Checksum Errors: 0
2014-07-24 12:55:37.320 Last GPS timemark: 2014-07-24 12:55:35
2014-07-24 12:55:37.320 PLL Status
2014-07-24 12:55:37.320 State: Lock
2014-07-24 12:55:37.320 Initial VCO: 2201.384277
2014-07-24 12:55:37.320 Time Error: 0.000000
2014-07-24 12:55:37.320 RMS VCO: 0.000000
2014-07-24 12:55:37.320 Best VCO: 2201.28
2014-07-24 12:55:37.320 Seconds Since Track or Lock: 0.0
2014-07-24 12:55:37.320 Vco Control: 2201
2014-07-24 12:55:37.320 timing mode: external seascan
2014-07-24 12:55:37.320 tempco normal
2014-07-24 12:55:37.320 PLL update: 10s PLL lock criterion: 5us
2014-07-24 12:55:37.320 Pfrac: 150.00
2014-07-24 12:55:37.320 VCO slope: -0.0175000
2014-07-24 12:55:37.320 VCO intercept: 7.1100001
2014-07-24 12:55:37.320 Km delta: 600.000000
2014-07-24 12:55:37.320 Logical Port 4 Status
2014-07-24 12:55:37.320 Data Packets Sent: 10656893
2014-07-24 12:55:37.320 Flood Packets Sent: 0
2014-07-24 12:55:37.320 Packets Re-Sent: 16197
2014-07-24 12:55:37.320 Sequence Errors: 0
2014-07-24 12:55:37.320 Packet Buffer Used: 21527048
2014-07-24 12:55:37.320 Baler Model: 14 Software Version: 2.28
2014-07-24 12:55:37.320 MAC Address: 00:04:FB:00:02:EA
2014-07-24 12:55:37.320 Disk Size: 20000669696
2014-07-24 12:55:37.320 Percent of 1177 data files in use: 21.8
2014-07-24 12:55:37.320 Channels Enabled: 1234 Preamps ON channels:
2014-07-24 12:55:37.320 Channel Sensitivities (uV per count):
2014-07-24 12:55:37.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-24 12:55:37.320 Digitizer Calibration Results:
2014-07-24 12:55:37.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-24 12:55:37.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-24 12:55:37.320 DMU1 Software Version=10
2014-07-24 12:55:37.320 Supply Voltage=12.7
2014-07-24 12:55:37.320 Supply Current=0.41
2014-07-24 12:55:37.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-24 12:55:37.320 WebLink Data Maps Restored
2014-07-24 12:55:37.320 [2014-07-24 00:54:44.000000] sequence resumes: 9413393 to
9413393
2014-07-24 12:55:37.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-24 12:55:36
2014-07-24 13:01:03.250 Reducing Status Polling Interval
2014-07-24 13:01:03.250 [2014-07-24 13:01:01.999998] total packets received: 44517
2014-07-24 13:01:03.250 [2014-07-24 13:01:01.999998] command timeouts: 6
2014-07-24 13:01:03.250 [2014-07-24 13:01:01.999998] out of window: 75
2014-07-24 13:01:03.250 written: HHZ-1115 HH1-1318 HH2-1349 BDH-436 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-07-24 13:01:03.250 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-07-24 13:01:03.250 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-1

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2014-07-24 13:01:03.250 [2014-07-24 13:01:01.999998] Done: 4351 recs. seq end:
9456971. run: 321 s
2014-07-25 01:01:58.340
2014-07-25 01:01:58.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-25 01:01:58.340 Control Port 2491 Opened
2014-07-25 01:01:58.340 Baler ready on Ethernet
2014-07-25 01:01:58.340 Power Cycled Baler Acknowledged
2014-07-25 01:01:58.340 Commands Accepted by Q330
2014-07-25 01:01:58.340 Access timeout: 300 sec
2014-07-25 01:01:58.340 Control Port 4023 Opened
2014-07-25 01:01:58.340 Data Port 4024 Opened
2014-07-25 01:01:58.340 Registered with Q330
2014-07-25 01:01:58.340 Combination Record Received
2014-07-25 01:01:58.340 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-25 01:01:58.340 Link Reset, starting window sequence: 17814
2014-07-25 01:01:58.340 GPS Receiver ID Received
2014-07-25 01:01:58.340 Manufacturer's Data Received, Property Tag=2017
2014-07-25 01:01:58.340 Digitizer Gain & Offsets Received
2014-07-25 01:01:58.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4351 recs.
seq end: 9456971
2014-07-25 01:01:58.340 Baler clock set to 2014-07-25 01:01:57
2014-07-25 01:01:58.340 Starting to Read DP Tokens
2014-07-25 01:01:58.340 DP Tokens loaded, size=1474 bytes
2014-07-25 01:01:58.340 Webserver advertising 192.168.200.119:5380
2014-07-25 01:01:58.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-25 01:01:58.340 filters & delay HH1:2@100,Linear all=0.320000
2014-07-25 01:01:58.340 filters & delay HH2:3@100,Linear all=0.320000
2014-07-25 01:01:58.340 filters & delay BDH:4@20,Linear all=1.650000
2014-07-25 01:01:58.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-25 01:01:58.340 filters & delay LH1:2@1,Linear all=15.000000
2014-07-25 01:01:58.340 filters & delay LH2:3@1,Linear all=15.000000
2014-07-25 01:01:58.340 filters & delay LDH:4@1,Linear all=15.000000
2014-07-25 01:01:58.340 [2014-07-24 13:01:01.999998] continuity found: 9456971
459522062.000000 Q=100
2014-07-25 01:01:58.340 [2014-07-24 13:01:01.999998] restoring continuity
2014-07-25 01:01:58.340 Sending DT_OPEN
2014-07-25 01:01:58.340 Station: XX-2017
2014-07-25 01:01:58.340 Q330 Serial Number: 0100000DB18FC351
2014-07-25 01:01:58.340 AMB Serial Number: 0100000B6909DD82
2014-07-25 01:01:58.340 Seismo 1 Serial Number: 0000000000000000
2014-07-25 01:01:58.340 Seismo 2 Serial Number: 0000000000000000
2014-07-25 01:01:58.340 QAPCHP 1 Serial Number: 4643206
2014-07-25 01:01:58.340 QAPCHP 2 Serial Number: 3743050
2014-07-25 01:01:58.340 KMI Property Tag Number: 2017
2014-07-25 01:01:58.340 System Software Version: 1.146
2014-07-25 01:01:58.340 Slave Processor Version: 1.11
2014-07-25 01:01:58.340 Calibrator Type: QCAL330
2014-07-25 01:01:58.340 Calibrator Version: 1.8
2014-07-25 01:01:58.340 Auxiliary Board Type: None
2014-07-25 01:01:58.340 Clock Type: Motorola M12
2014-07-25 01:01:58.340 PLD Version: 7.9
2014-07-25 01:01:58.340 Total Hours: 67781.51
2014-07-25 01:01:58.340 Power On Hours: 32411.89
2014-07-25 01:01:58.340 Time of Last Boot: 2014-04-06 02:03:58
2014-07-25 01:01:58.340 Total Number of Boots: 120
2014-07-25 01:01:58.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-25 01:01:58.340 Total Number of Re-Syncs: 213
2014-07-25 01:01:58.340 Status Inputs: 00000000
2014-07-25 01:01:58.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-25 01:01:58.340 Clock Quality: 100%
2014-07-25 01:01:58.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-25 01:01:58.340 Clock Phase: 0 usec. max allowed=50000
2014-07-25 01:01:58.340 Boom positions:

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2014-07-25 01:01:58.340 Ch1: -3 Ch2: 4 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-25 01:01:58.340 Analog Status  
 2014-07-25 01:01:58.340 Analog Positive Supply: 5.46V  
 2014-07-25 01:01:58.340 Input Voltage: 13.20V  
 2014-07-25 01:01:58.340 System Temperature: 5C  
 2014-07-25 01:01:58.340 Main Current: 62ma  
 2014-07-25 01:01:58.340 Antenna Current: 0ma  
 2014-07-25 01:01:58.340 GPS Status  
 2014-07-25 01:01:58.340 Time: 01:01:57  
 2014-07-25 01:01:58.340 Date:  
 2014-07-25 01:01:58.340 Fix Type: 1-D  
 2014-07-25 01:01:58.340 Height:  
 2014-07-25 01:01:58.340 Latitude:  
 2014-07-25 01:01:58.340 Longitude:  
 2014-07-25 01:01:58.340 On Time: 0min  
 2014-07-25 01:01:58.340 Sat. Used: 0  
 2014-07-25 01:01:58.340 In View: 0  
 2014-07-25 01:01:58.340 Checksum Errors: 0  
 2014-07-25 01:01:58.340 Last GPS timemark: 2014-07-25 01:01:56  
 2014-07-25 01:01:58.340 PLL Status  
 2014-07-25 01:01:58.340 State: Lock  
 2014-07-25 01:01:58.340 Initial VCO: 2201.192139  
 2014-07-25 01:01:58.340 Time Error: 0.000000  
 2014-07-25 01:01:58.340 RMS VCO: 0.0000000  
 2014-07-25 01:01:58.340 Best VCO: 2201.23  
 2014-07-25 01:01:58.340 Seconds Since Track or Lock: 0.0  
 2014-07-25 01:01:58.340 Vco Control: 2201  
 2014-07-25 01:01:58.340 timing mode: external seascan  
 2014-07-25 01:01:58.340 tempco normal  
 2014-07-25 01:01:58.340 PLL update: 10s PLL lock criterion: 5us  
 2014-07-25 01:01:58.340 Pfrac: 150.00  
 2014-07-25 01:01:58.340 VCO slope: -0.0175000  
 2014-07-25 01:01:58.340 VCO intercept: 7.1100001  
 2014-07-25 01:01:58.340 Km delta: 600.0000000  
 2014-07-25 01:01:58.340 Logical Port 4 Status  
 2014-07-25 01:01:58.340 Data Packets Sent: 10701305  
 2014-07-25 01:01:58.340 Flood Packets Sent: 0  
 2014-07-25 01:01:58.340 Packets Re-Sent: 16287  
 2014-07-25 01:01:58.340 Sequence Errors: 0  
 2014-07-25 01:01:58.340 Packet Buffer Used: 22131448  
 2014-07-25 01:01:58.340 Physical Port: Ethernet  
 2014-07-25 01:01:58.340 Baler Model: 14 Software Version: 2.28  
 2014-07-25 01:01:58.340 MAC Address: 00:04:FB:00:02:EA  
 2014-07-25 01:01:58.340 Disk Size: 20000669696  
 2014-07-25 01:01:58.340 Percent of 1177 data files in use: 21.8  
 2014-07-25 01:01:58.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-25 01:01:58.340 Channel Sensitivities (uV per count):  
 2014-07-25 01:01:58.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-25 01:01:58.340 Digitizer Calibration Results:  
 2014-07-25 01:01:58.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-25 01:01:58.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-25 01:01:58.340 DMU1 Software Version=10  
 2014-07-25 01:01:58.340 Supply Voltage=12.7  
 2014-07-25 01:01:58.340 Supply Current=0.40  
 2014-07-25 01:01:58.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-25 01:01:58.340 WebLink Data Maps Restored  
 2014-07-25 01:01:58.340 [2014-07-24 13:01:01.999998] sequence resumes: 9456971 to  
 9456971  
 2014-07-25 01:01:58.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-07-25 01:01:57  
 2014-07-25 01:06:55.650 [2014-07-25 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-07-25 01:06:55.650 [2014-07-25 00:59:46.000000] total packets received: 45632

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2014-07-25 01:06:55.650 [2014-07-25 00:59:46.000000] command timeouts: 6
2014-07-25 01:06:55.650 [2014-07-25 00:59:46.000000] out of window: 83
2014-07-25 01:06:55.650 written: HHZ-1155 HH1-1331 HH2-1392 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-25 01:06:55.650 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-25 01:06:55.650 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-25 01:06:55.650 [2014-07-25 00:59:46.000000] Done: 4455 recs. seq end:
9500095. run: 325 s
2014-07-25 13:08:21.340
2014-07-25 13:08:21.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-25 13:08:21.340 Control Port 2491 Opened
2014-07-25 13:08:21.340 Baler ready on Ethernet
2014-07-25 13:08:21.340 Power Cycled Baler Acknowledged
2014-07-25 13:08:21.340 Commands Accepted by Q330
2014-07-25 13:08:21.340 Access timeout: 300 sec
2014-07-25 13:08:21.340 Control Port 4023 Opened
2014-07-25 13:08:21.340 Data Port 4024 Opened
2014-07-25 13:08:21.340 Registered with Q330
2014-07-25 13:08:21.340 Combination Record Received
2014-07-25 13:08:21.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-25 13:08:21.340 Link Reset, starting window sequence: 63328
2014-07-25 13:08:21.340 GPS Receiver ID Received
2014-07-25 13:08:21.340 Manufacturer's Data Received, Property Tag=2017
2014-07-25 13:08:21.340 Digitizer Gain & Offsets Received
2014-07-25 13:08:21.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4455 recs.
seq end: 9500095
2014-07-25 13:08:21.340 Baler clock set to 2014-07-25 13:08:20
2014-07-25 13:08:21.340 Starting to Read DP Tokens
2014-07-25 13:08:21.340 DP Tokens loaded, size=1474 bytes
2014-07-25 13:08:21.340 webserver advertising 192.168.200.119:5380
2014-07-25 13:08:21.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-25 13:08:21.340 filters & delay HH1:2@100,Linear all=0.320000
2014-07-25 13:08:21.340 filters & delay HH2:3@100,Linear all=0.320000
2014-07-25 13:08:21.340 filters & delay BDH:4@20,Linear all=1.650000
2014-07-25 13:08:21.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-25 13:08:21.340 filters & delay LH1:2@1,Linear all=15.000000
2014-07-25 13:08:21.340 filters & delay LH2:3@1,Linear all=15.000000
2014-07-25 13:08:21.340 filters & delay LDH:4@1,Linear all=15.000000
2014-07-25 13:08:21.340 [2014-07-25 00:59:46.000000] continuity found: 9500095
459565186.000000 Q=100
2014-07-25 13:08:21.340 [2014-07-25 00:59:46.000000] restoring continuity
2014-07-25 13:08:21.340 Sending DT_OPEN
2014-07-25 13:08:21.340 Station: XX-2017
2014-07-25 13:08:21.340 Q330 Serial Number: 0100000DB18FC351
2014-07-25 13:08:21.340 AMB Serial Number: 0100000B6909DD82
2014-07-25 13:08:21.340 Seismo 1 Serial Number: 0000000000000000
2014-07-25 13:08:21.340 Seismo 2 Serial Number: 0000000000000000
2014-07-25 13:08:21.340 QAPCHP 1 Serial Number: 4643206
2014-07-25 13:08:21.340 QAPCHP 2 Serial Number: 3743050
2014-07-25 13:08:21.340 KMI Property Tag Number: 2017
2014-07-25 13:08:21.340 System Software Version: 1.146
2014-07-25 13:08:21.340 Slave Processor Version: 1.11
2014-07-25 13:08:21.340 Calibrator Type: QCAL330
2014-07-25 13:08:21.340 Calibrator Version: 1.8
2014-07-25 13:08:21.340 Auxiliary Board Type: None
2014-07-25 13:08:21.340 PLD Version: 7.9
2014-07-25 13:08:21.340 Total Hours: 67793.61
2014-07-25 13:08:21.340 Power On Hours: 32424.00
2014-07-25 13:08:21.340 Time of Last Boot: 2014-04-06 02:03:58
2014-07-25 13:08:21.340 Total Number of Boots: 120
2014-07-25 13:08:21.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-25 13:08:21.340 Total Number of Re-Syncs: 213

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2014-07-25 13:08:21.340 Status Inputs: 00000000  
 2014-07-25 13:08:21.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-25 13:08:21.340 Clock Quality: 100%  
 2014-07-25 13:08:21.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-25 13:08:21.340 Clock Phase: 0 usec. max allowed=50000  
 2014-07-25 13:08:21.340 Boom positions:  
 2014-07-25 13:08:21.340 Ch1: -3 ch2: 4 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-07-25 13:08:21.340 Analog Status  
 2014-07-25 13:08:21.340 Analog Positive Supply: 5.46V  
 2014-07-25 13:08:21.340 Input Voltage: 13.35V  
 2014-07-25 13:08:21.340 System Temperature: 5C  
 2014-07-25 13:08:21.340 Main Current: 61ma  
 2014-07-25 13:08:21.340 Antenna Current: 0ma  
 2014-07-25 13:08:21.340 GPS Status  
 2014-07-25 13:08:21.340 Time: 13:08:19  
 2014-07-25 13:08:21.340 Date:  
 2014-07-25 13:08:21.340 Fix Type: 1-D  
 2014-07-25 13:08:21.340 Height:  
 2014-07-25 13:08:21.340 Latitude:  
 2014-07-25 13:08:21.340 Longitude:  
 2014-07-25 13:08:21.340 On Time: 0min  
 2014-07-25 13:08:21.340 Sat. Used: 0  
 2014-07-25 13:08:21.340 In View: 0  
 2014-07-25 13:08:21.340 Checksum Errors: 0  
 2014-07-25 13:08:21.340 Last GPS timemark: 2014-07-25 13:08:18  
 2014-07-25 13:08:21.340 PLL Status  
 2014-07-25 13:08:21.340 State: Lock  
 2014-07-25 13:08:21.340 Initial VCO: 2201.192871  
 2014-07-25 13:08:21.340 Time Error: 0.000000  
 2014-07-25 13:08:21.340 RMS VCO: 0.0000000  
 2014-07-25 13:08:21.340 Best VCO: 2201.13  
 2014-07-25 13:08:21.340 Seconds Since Track or Lock: 0.0  
 2014-07-25 13:08:21.340 Vco Control: 2201  
 2014-07-25 13:08:21.340 timing mode: external seascan  
 2014-07-25 13:08:21.340 tempco normal  
 2014-07-25 13:08:21.340 PLL update: 10s PLL lock criterion: 5us  
 2014-07-25 13:08:21.340 Pfrac: 150.00  
 2014-07-25 13:08:21.340 VCO slope: -0.0175000  
 2014-07-25 13:08:21.340 VCO intercept: 7.1100001  
 2014-07-25 13:08:21.340 km delta: 600.0000000  
 2014-07-25 13:08:21.340 Logical Port 4 Status  
 2014-07-25 13:08:21.340 Data Packets Sent: 10746824  
 2014-07-25 13:08:21.340 Flood Packets Sent: 0  
 2014-07-25 13:08:21.340 Packets Re-Sent: 16385  
 2014-07-25 13:08:21.340 Sequence Errors: 0  
 2014-07-25 13:08:21.340 Packet Buffer Used: 22286884  
 2014-07-25 13:08:21.340 Physical Port: Ethernet  
 2014-07-25 13:08:21.340 Baler Model: 14 Software Version: 2.28  
 2014-07-25 13:08:21.340 MAC Address: 00:04:FB:00:02:EA  
 2014-07-25 13:08:21.340 Disk Size: 20000669696  
 2014-07-25 13:08:21.340 Percent of 1177 data files in use: 21.9  
 2014-07-25 13:08:21.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-25 13:08:21.340 Channel Sensitivities (uV per count):  
 2014-07-25 13:08:21.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-25 13:08:21.340 Digitizer Calibration Results:  
 2014-07-25 13:08:21.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-25 13:08:21.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-25 13:08:21.340 DMU1 Software Version=10  
 2014-07-25 13:08:21.340 Supply Voltage=12.7  
 2014-07-25 13:08:21.340 Supply Current=0.41  
 2014-07-25 13:08:21.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-25 13:08:21.340 WebLink Data Maps Restored  
 2014-07-25 13:08:21.340 [2014-07-25 00:59:46.000000] sequence resumes: 9500095 to

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9500095

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2014-07-25 13:08:21.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-25 13:08:20
2014-07-25 13:13:52.100 [2014-07-25 13:13:50.999998] total packets received: 45791
2014-07-25 13:13:52.100 [2014-07-25 13:13:50.999998] command timeouts: 6
2014-07-25 13:13:52.100 [2014-07-25 13:13:50.999998] out of window: 71
2014-07-25 13:13:52.100 written: HHZ-1155 HH1-1364 HH2-1424 BDH-445 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-07-25 13:13:52.100 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-25 13:13:52.100 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1
2014-07-25 13:13:52.100 [2014-07-25 13:13:50.999998] Done: 4531 recs. seq end:
9544140. run: 325 s
2014-07-26 01:14:43.400
2014-07-26 01:14:43.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-26 01:14:43.400 Control Port 2491 Opened
2014-07-26 01:14:43.400 Baler ready on Ethernet
2014-07-26 01:14:43.400 Power Cycled Baler Acknowledged
2014-07-26 01:14:43.400 Commands Accepted by Q330
2014-07-26 01:14:43.400 Access timeout: 300 sec
2014-07-26 01:14:43.400 Control Port 4023 Opened
2014-07-26 01:14:43.400 Data Port 4024 Opened
2014-07-26 01:14:43.400 Registered with Q330
2014-07-26 01:14:43.400 Combination Record Received
2014-07-26 01:14:43.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-26 01:14:43.400 Link Reset, starting window sequence: 43477
2014-07-26 01:14:43.400 GPS Receiver ID Received
2014-07-26 01:14:43.400 Manufacturer's Data Received, Property Tag=2017
2014-07-26 01:14:43.400 Digitizer Gain & Offsets Received
2014-07-26 01:14:43.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4531 recs.
seq end: 9544140
2014-07-26 01:14:43.400 Baler clock set to 2014-07-26 01:14:42
2014-07-26 01:14:43.400 Starting to Read DP Tokens
2014-07-26 01:14:43.400 DP Tokens loaded, size=1474 bytes
2014-07-26 01:14:43.400 webserver advertising 192.168.200.119:5380
2014-07-26 01:14:43.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-26 01:14:43.400 filters & delay HH1:2@100,Linear all=0.320000
2014-07-26 01:14:43.400 filters & delay HH2:3@100,Linear all=0.320000
2014-07-26 01:14:43.400 filters & delay BDH:4@20,Linear all=1.650000
2014-07-26 01:14:43.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-26 01:14:43.400 filters & delay LH1:2@1,Linear all=15.000000
2014-07-26 01:14:43.400 filters & delay LH2:3@1,Linear all=15.000000
2014-07-26 01:14:43.400 filters & delay LDH:4@1,Linear all=15.000000
2014-07-26 01:14:43.400 [2014-07-25 13:13:50.999998] continuity found: 9544140
459609231.000000 Q=100
2014-07-26 01:14:43.400 [2014-07-25 13:13:50.999998] restoring continuity
2014-07-26 01:14:43.400 Sending DT_OPEN
2014-07-26 01:14:43.400 Station: XX-2017
2014-07-26 01:14:43.400 Q330 Serial Number: 0100000DB18FC351
2014-07-26 01:14:43.400 AMB Serial Number: 0100000B6909DD82
2014-07-26 01:14:43.400 Seismo 1 Serial Number: 0000000000000000
2014-07-26 01:14:43.400 Seismo 2 Serial Number: 0000000000000000
2014-07-26 01:14:43.400 QAPCHP 1 Serial Number: 4643206
2014-07-26 01:14:43.400 QAPCHP 2 Serial Number: 3743050
2014-07-26 01:14:43.400 KMI Property Tag Number: 2017
2014-07-26 01:14:43.400 System Software Version: 1.146
2014-07-26 01:14:43.400 Slave Processor Version: 1.11
2014-07-26 01:14:43.400 Calibrator Type: QCAL330
2014-07-26 01:14:43.400 Calibrator Version: 1.8
2014-07-26 01:14:43.400 Auxiliary Board Type: None
2014-07-26 01:14:43.400 Clock Type: Motorola M12
2014-07-26 01:14:43.400 PLD Version: 7.9
2014-07-26 01:14:43.400 Total Hours: 67805.72

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2014-07-26 01:14:43.400 Power On Hours: 32436.10  
 2014-07-26 01:14:43.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-26 01:14:43.400 Total Number of Boots: 120  
 2014-07-26 01:14:43.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-26 01:14:43.400 Total Number of Re-Syncs: 213  
 2014-07-26 01:14:43.400 Status Inputs: 00000000  
 2014-07-26 01:14:43.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-07-26 01:14:43.400 Clock Quality: 100%  
 2014-07-26 01:14:43.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-26 01:14:43.400 Clock Phase: 0 usec. max allowed=50000  
 2014-07-26 01:14:43.400 Boom positions:  
 2014-07-26 01:14:43.400 Ch1: -3 Ch2: 5 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-26 01:14:43.400 Analog Status  
 2014-07-26 01:14:43.400 Analog Positive Supply: 5.46v  
 2014-07-26 01:14:43.400 Input Voltage: 13.35V  
 2014-07-26 01:14:43.400 System Temperature: 5C  
 2014-07-26 01:14:43.400 Main Current: 62ma  
 2014-07-26 01:14:43.400 Antenna Current: 0ma  
 2014-07-26 01:14:43.400 GPS Status  
 2014-07-26 01:14:43.400 Time: 01:14:42  
 2014-07-26 01:14:43.400 Date:  
 2014-07-26 01:14:43.400 Fix Type: 1-D  
 2014-07-26 01:14:43.400 Height:  
 2014-07-26 01:14:43.400 Latitude:  
 2014-07-26 01:14:43.400 Longitude:  
 2014-07-26 01:14:43.400 On Time: 0min  
 2014-07-26 01:14:43.400 Sat. Used: 0  
 2014-07-26 01:14:43.400 In View: 0  
 2014-07-26 01:14:43.400 Checksum Errors: 0  
 2014-07-26 01:14:43.400 Last GPS timemark: 2014-07-26 01:14:41  
 2014-07-26 01:14:43.400 PLL Status  
 2014-07-26 01:14:43.400 State: Lock  
 2014-07-26 01:14:43.400 Initial VCO: 2201.146240  
 2014-07-26 01:14:43.400 Time Error: 0.000000  
 2014-07-26 01:14:43.400 RMS VCO: 0.000000  
 2014-07-26 01:14:43.400 Best VCO: 2201.15  
 2014-07-26 01:14:43.400 Seconds Since Track or Lock: 0.0  
 2014-07-26 01:14:43.400 Vco Control: 2201  
 2014-07-26 01:14:43.400 timing mode: external seascan  
 2014-07-26 01:14:43.400 tempco normal  
 2014-07-26 01:14:43.400 PLL update: 10s PLL lock criterion: 5us  
 2014-07-26 01:14:43.400 Pfrac: 150.00  
 2014-07-26 01:14:43.400 VCO slope: -0.0175000  
 2014-07-26 01:14:43.400 VCO intercept: 7.1100001  
 2014-07-26 01:14:43.400 Km delta: 600.000000  
 2014-07-26 01:14:43.400 Logical Port 4 Status  
 2014-07-26 01:14:43.400 Data Packets Sent: 10792514  
 2014-07-26 01:14:43.400 Flood Packets Sent: 0  
 2014-07-26 01:14:43.400 Packets Re-Sent: 16468  
 2014-07-26 01:14:43.400 Sequence Errors: 0  
 2014-07-26 01:14:43.400 Packet Buffer Used: 21264952  
 2014-07-26 01:14:43.400 Physical Port: Ethernet  
 2014-07-26 01:14:43.400 Baler Model: 14 Software Version: 2.28  
 2014-07-26 01:14:43.400 MAC Address: 00:04:FB:00:02:EA  
 2014-07-26 01:14:43.400 Disk Size: 20000669696  
 2014-07-26 01:14:43.400 Percent of 1177 data files in use: 22.0  
 2014-07-26 01:14:43.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-26 01:14:43.400 Channel Sensitivities (uV per count):  
 2014-07-26 01:14:43.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-26 01:14:43.400 Digitizer Calibration Results:  
 2014-07-26 01:14:43.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-26 01:14:43.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-26 01:14:43.400 DMU1 Software Version=10

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2014-07-26 01:14:43.400 Supply Voltage=12.7
2014-07-26 01:14:43.400 Supply Current=0.41
2014-07-26 01:14:43.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-26 01:14:43.400 WebLink Data Maps Restored
2014-07-26 01:14:43.400 [2014-07-25 13:13:50.999998] sequence resumes: 9544140 to
9544140
2014-07-26 01:14:43.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-26 01:14:42
2014-07-26 01:19:25.330 [2014-07-26 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-26 01:19:25.330 Reducing Status Polling Interval
2014-07-26 01:19:25.330 [2014-07-26 01:20:05.000000] total packets received: 46583
2014-07-26 01:19:25.330 [2014-07-26 01:20:05.000000] command timeouts: 6
2014-07-26 01:19:25.330 [2014-07-26 01:20:05.000000] out of window: 65
2014-07-26 01:19:25.330 written: HHZ-1113 HH1-1269 HH2-1322 BDH-441 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-07-26 01:19:25.330 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2014-07-26 01:19:25.330 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-26 01:19:25.330 [2014-07-26 01:20:05.000000] Done: 4280 recs. seq end:
9587714. run: 318 s
2014-07-26 13:20:57.380
2014-07-26 13:20:57.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-26 13:20:57.380 Control Port 2491 Opened
2014-07-26 13:20:57.380 Power Cycled Baler Acknowledged
2014-07-26 13:20:57.380 Commands Accepted by Q330
2014-07-26 13:20:57.380 Access timeout: 300 sec
2014-07-26 13:20:57.380 Control Port 4023 Opened
2014-07-26 13:20:57.380 Data Port 4024 Opened
2014-07-26 13:20:57.380 Registered with Q330
2014-07-26 13:20:57.380 Combination Record Received
2014-07-26 13:20:57.380 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-26 13:20:57.380 Link Reset, starting window sequence: 24424
2014-07-26 13:20:57.380 GPS Receiver ID Received
2014-07-26 13:20:57.380 Manufacturer's Data Received, Property Tag=2017
2014-07-26 13:20:57.380 Digitizer Gain & Offsets Received
2014-07-26 13:20:57.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4280 recs.
seq end: 9587714
2014-07-26 13:20:57.380 Baler clock set to 2014-07-26 13:20:56
2014-07-26 13:20:57.380 Starting to Read DP Tokens
2014-07-26 13:20:57.380 DP Tokens loaded, size=1474 bytes
2014-07-26 13:20:57.380 Webserver advertising 192.168.200.119:5380
2014-07-26 13:20:57.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-26 13:20:57.380 filters & delay HH1:2@100,Linear all=0.320000
2014-07-26 13:20:57.380 filters & delay HH2:3@100,Linear all=0.320000
2014-07-26 13:20:57.380 filters & delay BDH:4@20,Linear all=1.650000
2014-07-26 13:20:57.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-26 13:20:57.380 filters & delay LH1:2@1,Linear all=15.000000
2014-07-26 13:20:57.380 filters & delay LH2:3@1,Linear all=15.000000
2014-07-26 13:20:57.380 filters & delay LDH:4@1,Linear all=15.000000
2014-07-26 13:20:57.380 [2014-07-26 01:20:05.000000] continuity found: 9587714
459652805.000000 Q=100
2014-07-26 13:20:57.380 [2014-07-26 01:20:05.000000] restoring continuity
2014-07-26 13:20:57.380 Sending DT_OPEN
2014-07-26 13:20:57.380 Station: XX-2017
2014-07-26 13:20:57.380 Q330 Serial Number: 0100000DB18FC351
2014-07-26 13:20:57.380 AMB Serial Number: 0100000B6909DD82
2014-07-26 13:20:57.380 Seismo 1 Serial Number: 0000000000000000
2014-07-26 13:20:57.380 Seismo 2 Serial Number: 0000000000000000
2014-07-26 13:20:57.380 QAPCHP 1 Serial Number: 4643206
2014-07-26 13:20:57.380 QAPCHP 2 Serial Number: 3743050
2014-07-26 13:20:57.380 KMI Property Tag Number: 2017
2014-07-26 13:20:57.380 System Software Version: 1.146

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2014-07-26 13:20:57.380 Slave Processor Version: 1.11  
 2014-07-26 13:20:57.380 Calibrator Type: QCAL330  
 2014-07-26 13:20:57.380 Calibrator Version: 1.8  
 2014-07-26 13:20:57.380 Auxiliary Board Type: None  
 2014-07-26 13:20:57.380 Clock Type: Motorola M12  
 2014-07-26 13:20:57.380 PLD Version: 7.9  
 2014-07-26 13:20:57.380 Total Hours: 67817.82  
 2014-07-26 13:20:57.380 Power On Hours: 32448.21  
 2014-07-26 13:20:57.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-26 13:20:57.380 Total Number of Boots: 120  
 2014-07-26 13:20:57.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-26 13:20:57.380 Total Number of Re-Syncs: 213  
 2014-07-26 13:20:57.380 Status Inputs: 00000000  
 2014-07-26 13:20:57.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-26 13:20:57.380 Clock Quality: 100%  
 2014-07-26 13:20:57.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-26 13:20:57.380 Clock Phase: 0 usec. max allowed=50000  
 2014-07-26 13:20:57.380 Boom positions:  
 2014-07-26 13:20:57.380 ch1: -3 ch2: 5 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-07-26 13:20:57.380 Analog Status  
 2014-07-26 13:20:57.380 Analog Positive Supply: 5.46V  
 2014-07-26 13:20:57.380 Input Voltage: 13.20V  
 2014-07-26 13:20:57.380 System Temperature: 5C  
 2014-07-26 13:20:57.380 Main Current: 62ma  
 2014-07-26 13:20:57.380 Antenna Current: 0ma  
 2014-07-26 13:20:57.380 GPS Status  
 2014-07-26 13:20:57.380 Time: 13:20:56  
 2014-07-26 13:20:57.380 Date:  
 2014-07-26 13:20:57.380 Fix Type: 1-D  
 2014-07-26 13:20:57.380 Height:  
 2014-07-26 13:20:57.380 Latitude:  
 2014-07-26 13:20:57.380 Longitude:  
 2014-07-26 13:20:57.380 On Time: 0min  
 2014-07-26 13:20:57.380 Sat. Used: 0  
 2014-07-26 13:20:57.380 In View: 0  
 2014-07-26 13:20:57.380 Checksum Errors: 0  
 2014-07-26 13:20:57.380 Last GPS timemark: 2014-07-26 13:20:55  
 2014-07-26 13:20:57.380 PLL Status  
 2014-07-26 13:20:57.380 State: Lock  
 2014-07-26 13:20:57.380 Initial VCO: 2201.159180  
 2014-07-26 13:20:57.380 Time Error: 0.000000  
 2014-07-26 13:20:57.380 RMS VCO: 0.000000  
 2014-07-26 13:20:57.380 Best VCO: 2201.16  
 2014-07-26 13:20:57.380 Seconds Since Track or Lock: 0.0  
 2014-07-26 13:20:57.380 Vco Control: 2201  
 2014-07-26 13:20:57.380 timing mode: external seascan  
 2014-07-26 13:20:57.380 tempco normal  
 2014-07-26 13:20:57.380 PLL update: 10s PLL lock criterion: 5us  
 2014-07-26 13:20:57.380 Pfrac: 150.00  
 2014-07-26 13:20:57.380 VCO slope: -0.0175000  
 2014-07-26 13:20:57.380 VCO intercept: 7.1100001  
 2014-07-26 13:20:57.380 km delta: 600.0000000  
 2014-07-26 13:20:57.380 Logical Port 4 Status  
 2014-07-26 13:20:57.380 Data Packets Sent: 10839002  
 2014-07-26 13:20:57.380 Flood Packets Sent: 0  
 2014-07-26 13:20:57.380 Packets Re-Sent: 16547  
 2014-07-26 13:20:57.380 Sequence Errors: 0  
 2014-07-26 13:20:57.380 Packet Buffer Used: 21460808  
 2014-07-26 13:20:57.380 Physical Port: Ethernet  
 2014-07-26 13:20:57.380 Baler Model: 14 Software Version: 2.28  
 2014-07-26 13:20:57.380 MAC Address: 00:04:FB:00:02:EA  
 2014-07-26 13:20:57.380 Disk Size: 20000669696  
 2014-07-26 13:20:57.380 Percent of 1177 data files in use: 22.1



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2014-07-26 13:20:57.380 Channels Enabled: 1234 Preamps ON channels:
2014-07-26 13:20:57.380 Channel Sensitivities (uV per count):
2014-07-26 13:20:57.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-26 13:20:57.380 Digitizer Calibration Results:
2014-07-26 13:20:57.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-26 13:20:57.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-26 13:20:57.380 DMU1 Software Version=10
2014-07-26 13:20:57.380 Supply Voltage=12.7
2014-07-26 13:20:57.380 Supply Current=0.41
2014-07-26 13:20:57.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-26 13:20:57.380 WebLink Data Maps Restored
2014-07-26 13:20:57.380 [2014-07-26 01:20:05.000000] sequence resumes: 9587714 to
9587714
2014-07-26 13:20:57.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-26 13:20:56
2014-07-26 13:26:22.490 Reducing Status Polling Interval
2014-07-26 13:26:22.490 [2014-07-26 13:26:22.000000] total packets received: 44118
2014-07-26 13:26:22.490 [2014-07-26 13:26:22.000000] command timeouts: 6
2014-07-26 13:26:22.490 [2014-07-26 13:26:22.000000] out of window: 72
2014-07-26 13:26:22.490 written: HHZ-1129 HH1-1275 HH2-1360 BDH-433 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-26 13:26:22.490 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-26 13:26:22.490 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-07-26 13:26:22.490 [2014-07-26 13:26:22.000000] Done: 4338 recs. seq end:
9631291. run: 320 s
2014-07-27 01:27:12.360
2014-07-27 01:27:12.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-27 01:27:12.360 Control Port 2491 Opened
2014-07-27 01:27:12.360 Baler ready on Ethernet
2014-07-27 01:27:12.360 Power Cycled Baler Acknowledged
2014-07-27 01:27:12.360 Commands Accepted by Q330
2014-07-27 01:27:12.360 Access timeout: 300 sec
2014-07-27 01:27:12.360 Control Port 4023 Opened
2014-07-27 01:27:12.360 Data Port 4024 Opened
2014-07-27 01:27:12.360 Registered with Q330
2014-07-27 01:27:12.360 Combination Record Received
2014-07-27 01:27:12.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-27 01:27:12.360 Link Reset, starting window sequence: 2898
2014-07-27 01:27:12.360 GPS Receiver ID Received
2014-07-27 01:27:12.360 Manufacturer's Data Received, Property Tag=2017
2014-07-27 01:27:12.360 Digitizer Gain & Offsets Received
2014-07-27 01:27:12.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4338 recs.
seq end: 9631291
2014-07-27 01:27:12.360 Baler clock set to 2014-07-27 01:27:11
2014-07-27 01:27:12.360 Starting to Read DP Tokens
2014-07-27 01:27:12.360 DP Tokens loaded, size=1474 bytes
2014-07-27 01:27:12.360 Webserver advertising 192.168.200.119:5380
2014-07-27 01:27:12.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-27 01:27:12.360 filters & delay HH1:2@100,Linear all=0.320000
2014-07-27 01:27:12.360 filters & delay HH2:3@100,Linear all=0.320000
2014-07-27 01:27:12.360 filters & delay BDH:4@20,Linear all=1.650000
2014-07-27 01:27:12.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-27 01:27:12.360 filters & delay LH1:2@1,Linear all=15.000000
2014-07-27 01:27:12.360 filters & delay LH2:3@1,Linear all=15.000000
2014-07-27 01:27:12.360 filters & delay LDH:4@1,Linear all=15.000000
2014-07-27 01:27:12.360 [2014-07-26 13:26:22.000000] continuity found: 9631291
459696382.000000 Q=100
2014-07-27 01:27:12.360 [2014-07-26 13:26:22.000000] restoring continuity
2014-07-27 01:27:12.360 Sending DT_OPEN
2014-07-27 01:27:12.360 Station: XX-2017
2014-07-27 01:27:12.360 Q330 Serial Number: 0100000DB18FC351
2014-07-27 01:27:12.360 AMB Serial Number: 0100000B6909DD82

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2014-07-27 01:27:12.360 Seismo 1 Serial Number: 0000000000000000  
 2014-07-27 01:27:12.360 Seismo 2 Serial Number: 0000000000000000  
 2014-07-27 01:27:12.360 QAPCHP 1 Serial Number: 4643206  
 2014-07-27 01:27:12.360 QAPCHP 2 Serial Number: 3743050  
 2014-07-27 01:27:12.360 KMI Property Tag Number: 2017  
 2014-07-27 01:27:12.360 System Software Version: 1.146  
 2014-07-27 01:27:12.360 Slave Processor Version: 1.11  
 2014-07-27 01:27:12.360 Calibrator Type: QCAL330  
 2014-07-27 01:27:12.360 Calibrator Version: 1.8  
 2014-07-27 01:27:12.360 Auxiliary Board Type: None  
 2014-07-27 01:27:12.360 Clock Type: Motorola M12  
 2014-07-27 01:27:12.360 PLD Version: 7.9  
 2014-07-27 01:27:12.360 Total Hours: 67829.93  
 2014-07-27 01:27:12.360 Power On Hours: 32460.31  
 2014-07-27 01:27:12.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-27 01:27:12.360 Total Number of Boots: 120  
 2014-07-27 01:27:12.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-27 01:27:12.360 Total Number of Re-Syncs: 213  
 2014-07-27 01:27:12.360 Status Inputs: 00000000  
 2014-07-27 01:27:12.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-27 01:27:12.360 Clock Quality: 100%  
 2014-07-27 01:27:12.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-27 01:27:12.360 Clock Phase: 0 usec. max allowed=50000  
 2014-07-27 01:27:12.360 Boom positions:  
 2014-07-27 01:27:12.360 ch1: -3 ch2: 5 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-07-27 01:27:12.360 Analog Status  
 2014-07-27 01:27:12.360 Analog Positive Supply: 5.46V  
 2014-07-27 01:27:12.360 Input Voltage: 13.35V  
 2014-07-27 01:27:12.360 System Temperature: 5C  
 2014-07-27 01:27:12.360 Main Current: 61ma  
 2014-07-27 01:27:12.360 Antenna Current: 0ma  
 2014-07-27 01:27:12.360 GPS Status  
 2014-07-27 01:27:12.360 Time: 01:27:11  
 2014-07-27 01:27:12.360 Date:  
 2014-07-27 01:27:12.360 Fix Type: 1-D  
 2014-07-27 01:27:12.360 Height:  
 2014-07-27 01:27:12.360 Latitude:  
 2014-07-27 01:27:12.360 Longitude:  
 2014-07-27 01:27:12.360 On Time: 0min  
 2014-07-27 01:27:12.360 Sat. Used: 0  
 2014-07-27 01:27:12.360 In View: 0  
 2014-07-27 01:27:12.360 Checksum Errors: 0  
 2014-07-27 01:27:12.360 Last GPS timemark: 2014-07-27 01:27:10  
 2014-07-27 01:27:12.360 PLL Status  
 2014-07-27 01:27:12.360 State: Lock  
 2014-07-27 01:27:12.360 Initial VCO: 2201.267822  
 2014-07-27 01:27:12.360 Time Error: 0.000000  
 2014-07-27 01:27:12.360 RMS VCO: 0.000000  
 2014-07-27 01:27:12.360 Best VCO: 2201.19  
 2014-07-27 01:27:12.360 Seconds Since Track or Lock: 0.0  
 2014-07-27 01:27:12.360 Vco Control: 2201  
 2014-07-27 01:27:12.360 timing mode: external seascan  
 2014-07-27 01:27:12.360 PLL update: 10s PLL lock criterion: 5us  
 2014-07-27 01:27:12.360 Pfrac: 150.00  
 2014-07-27 01:27:12.360 VCO slope: -0.0175000  
 2014-07-27 01:27:12.360 VCO intercept: 7.1100001  
 2014-07-27 01:27:12.360 km delta: 600.0000000  
 2014-07-27 01:27:12.360 Logical Port 4 Status  
 2014-07-27 01:27:12.360 Data Packets Sent: 10883018  
 2014-07-27 01:27:12.360 Flood Packets Sent: 0  
 2014-07-27 01:27:12.360 Packets Re-Sent: 16633  
 2014-07-27 01:27:12.360 Sequence Errors: 0  
 2014-07-27 01:27:12.360 Packet Buffer Used: 21278504

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2014-07-27 01:27:12.360 Physical Port: Ethernet  
 2014-07-27 01:27:12.360 Baler Model: 14 Software Version: 2.28  
 2014-07-27 01:27:12.360 MAC Address: 00:04:FB:00:02:EA  
 2014-07-27 01:27:12.360 Disk Size: 20000669696  
 2014-07-27 01:27:12.360 Percent of 1177 data files in use: 22.2  
 2014-07-27 01:27:12.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-27 01:27:12.360 Channel Sensitivities (uV per count):  
 2014-07-27 01:27:12.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-27 01:27:12.360 Digitizer Calibration Results:  
 2014-07-27 01:27:12.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-27 01:27:12.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-27 01:27:12.360 DMU1 Software Version=10  
 2014-07-27 01:27:12.360 Supply Voltage=12.7  
 2014-07-27 01:27:12.360 Supply Current=0.41  
 2014-07-27 01:27:12.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-27 01:27:12.360 WebLink Data Maps Restored  
 2014-07-27 01:27:12.360 [2014-07-26 13:26:22.000000] sequence resumes: 9631291 to 9631291  
 2014-07-27 01:27:12.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-07-27 01:27:11  
 2014-07-27 01:31:49.680 [2014-07-27 00:00:00.000001] Saving Configuration to Backup Memory  
 2014-07-27 01:31:49.680 Reducing Status Polling Interval  
 2014-07-27 01:31:49.680 [2014-07-27 01:32:33.999998] total packets received: 44265  
 2014-07-27 01:31:49.680 [2014-07-27 01:32:33.999998] command timeouts: 6  
 2014-07-27 01:31:49.680 [2014-07-27 01:32:33.999998] out of window: 68  
 2014-07-27 01:31:49.680 written: HHZ-1119 HH1-1273 HH2-1331 BDH-428 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-07-27 01:31:49.680 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-07-27 01:31:49.680 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-07-27 01:31:49.680 [2014-07-27 01:32:33.999998] Done: 4291 recs. seq end: 9674863. run: 318 s  
 2014-07-27 13:33:29.310  
 2014-07-27 13:33:29.310 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-27 13:33:29.310 Control Port 2491 Opened  
 2014-07-27 13:33:29.310 Baler ready on Ethernet  
 2014-07-27 13:33:29.310 Power Cycled Baler Acknowledged  
 2014-07-27 13:33:29.310 Commands Accepted by Q330  
 2014-07-27 13:33:29.310 Access timeout: 300 sec  
 2014-07-27 13:33:29.310 Control Port 4023 Opened  
 2014-07-27 13:33:29.310 Data Port 4024 Opened  
 2014-07-27 13:33:29.310 Registered with Q330  
 2014-07-27 13:33:29.310 Combination Record Received  
 2014-07-27 13:33:29.310 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-27 13:33:29.310 Link Reset, starting window sequence: 47060  
 2014-07-27 13:33:29.310 GPS Receiver ID Received  
 2014-07-27 13:33:29.310 Manufacturer's Data Received, Property Tag=2017  
 2014-07-27 13:33:29.310 Digitizer Gain & Offsets Received  
 2014-07-27 13:33:29.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4291 recs. seq end: 9674863  
 2014-07-27 13:33:29.310 Baler clock set to 2014-07-27 13:33:28  
 2014-07-27 13:33:29.310 Starting to Read DP Tokens  
 2014-07-27 13:33:29.310 DP Tokens loaded, size=1474 bytes  
 2014-07-27 13:33:29.310 webserver advertising 192.168.200.119:5380  
 2014-07-27 13:33:29.310 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-27 13:33:29.310 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-27 13:33:29.310 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-27 13:33:29.310 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-27 13:33:29.310 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-27 13:33:29.310 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-27 13:33:29.310 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-27 13:33:29.310 filters & delay LDH:4@1,Linear all=15.000000

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2014-07-27 13:33:29.310 [2014-07-27 01:32:33.999998] continuity found: 9674863  
459739954.000000 Q=100  
2014-07-27 13:33:29.310 [2014-07-27 01:32:33.999998] restoring continuity  
2014-07-27 13:33:29.310 Sending DT\_OPEN  
2014-07-27 13:33:29.310 Station: XX-2017  
2014-07-27 13:33:29.310 Q330 Serial Number: 0100000DB18FC351  
2014-07-27 13:33:29.310 AMB Serial Number: 0100000B6909DD82  
2014-07-27 13:33:29.310 Seismo 1 Serial Number: 0000000000000000  
2014-07-27 13:33:29.310 Seismo 2 Serial Number: 0000000000000000  
2014-07-27 13:33:29.310 QAPCHP 1 Serial Number: 4643206  
2014-07-27 13:33:29.310 QAPCHP 2 Serial Number: 3743050  
2014-07-27 13:33:29.310 KMI Property Tag Number: 2017  
2014-07-27 13:33:29.310 System Software Version: 1.146  
2014-07-27 13:33:29.310 Slave Processor Version: 1.11  
2014-07-27 13:33:29.310 Calibrator Type: QCAL330  
2014-07-27 13:33:29.310 Calibrator Version: 1.8  
2014-07-27 13:33:29.310 Auxiliary Board Type: None  
2014-07-27 13:33:29.310 Clock Type: Motorola M12  
2014-07-27 13:33:29.310 PLD Version: 7.9  
2014-07-27 13:33:29.310 Total Hours: 67842.03  
2014-07-27 13:33:29.310 Power On Hours: 32472.42  
2014-07-27 13:33:29.310 Time of Last Boot: 2014-04-06 02:03:58  
2014-07-27 13:33:29.310 Total Number of Boots: 120  
2014-07-27 13:33:29.310 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-07-27 13:33:29.310 Total Number of Re-Syncs: 213  
2014-07-27 13:33:29.310 Status Inputs: 00000000  
2014-07-27 13:33:29.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-07-27 13:33:29.310 Clock Quality: 100%  
2014-07-27 13:33:29.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-07-27 13:33:29.310 Clock Phase: 0 usec. max allowed=50000  
2014-07-27 13:33:29.310 Boom positions:  
2014-07-27 13:33:29.310 Ch1: -3 Ch2: 6 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
2014-07-27 13:33:29.310 Analog Status  
2014-07-27 13:33:29.310 Analog Positive Supply: 5.46V  
2014-07-27 13:33:29.310 Input Voltage: 13.35V  
2014-07-27 13:33:29.310 System Temperature: 5C  
2014-07-27 13:33:29.310 Main Current: 61ma  
2014-07-27 13:33:29.310 Antenna Current: 0ma  
2014-07-27 13:33:29.310 GPS Status  
2014-07-27 13:33:29.310 Time: 13:33:28  
2014-07-27 13:33:29.310 Date:  
2014-07-27 13:33:29.310 Fix Type: 1-D  
2014-07-27 13:33:29.310 Height:  
2014-07-27 13:33:29.310 Latitude:  
2014-07-27 13:33:29.310 Longitude:  
2014-07-27 13:33:29.310 On Time: 0min  
2014-07-27 13:33:29.310 Sat. Used: 0  
2014-07-27 13:33:29.310 In View: 0  
2014-07-27 13:33:29.310 Checksum Errors: 0  
2014-07-27 13:33:29.310 Last GPS timemark: 2014-07-27 13:33:27  
2014-07-27 13:33:29.310 PLL Status  
2014-07-27 13:33:29.310 State: Lock  
2014-07-27 13:33:29.310 Initial VCO: 2201.265381  
2014-07-27 13:33:29.310 Time Error: -0.000001  
2014-07-27 13:33:29.310 RMS VCO: 0.000000  
2014-07-27 13:33:29.310 Best VCO: 2201.40  
2014-07-27 13:33:29.310 Seconds Since Track or Lock: 0.0  
2014-07-27 13:33:29.310 Vco Control: 2201  
2014-07-27 13:33:29.310 timing mode: external seascan  
2014-07-27 13:33:29.310 tempco normal  
2014-07-27 13:33:29.310 PLL update: 10s PLL lock criterion: 5us  
2014-07-27 13:33:29.310 Pfrac: 150.00  
2014-07-27 13:33:29.310 VCO slope: -0.0175000

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2014-07-27 13:33:29.310 VCO intercept: 7.1100001  
 2014-07-27 13:33:29.310 Km delta: 600.0000000  
 2014-07-27 13:33:29.310 Logical Port 4 Status  
 2014-07-27 13:33:29.310 Data Packets Sent: 10927185  
 2014-07-27 13:33:29.310 Flood Packets Sent: 0  
 2014-07-27 13:33:29.310 Packets Re-Sent: 16722  
 2014-07-27 13:33:29.310 Sequence Errors: 0  
 2014-07-27 13:33:29.310 Packet Buffer Used: 20922728  
 2014-07-27 13:33:29.310 Physical Port: Ethernet  
 2014-07-27 13:33:29.310 Baler Model: 14 Software Version: 2.28  
 2014-07-27 13:33:29.310 MAC Address: 00:04:FB:00:02:EA  
 2014-07-27 13:33:29.310 Disk Size: 20000669696  
 2014-07-27 13:33:29.310 Percent of 1177 data files in use: 22.3  
 2014-07-27 13:33:29.310 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-27 13:33:29.310 Channel Sensitivities (uV per count):  
 2014-07-27 13:33:29.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-27 13:33:29.310 Digitizer Calibration Results:  
 2014-07-27 13:33:29.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-27 13:33:29.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-27 13:33:29.310 DMU1 Software Version=10  
 2014-07-27 13:33:29.310 Supply Voltage=12.7  
 2014-07-27 13:33:29.310 Supply Current=0.41  
 2014-07-27 13:33:29.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-27 13:33:29.310 WebLink Data Maps Restored  
 2014-07-27 13:33:29.310 [2014-07-27 01:32:33.999998] sequence resumes: 9674863 to  
 9674863  
 2014-07-27 13:33:29.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-27 13:33:28  
 2014-07-27 13:38:38.710 [2014-07-27 13:29:56.000000] total packets received: 43271  
 2014-07-27 13:38:38.710 [2014-07-27 13:29:56.000000] command timeouts: 6  
 2014-07-27 13:38:38.710 [2014-07-27 13:29:56.000000] out of window: 63  
 2014-07-27 13:38:38.710 written: HHZ-1103 HH1-1216 HH2-1277 BDH-419 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-07-27 13:38:38.710 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-23 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-07-27 13:38:38.710 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-07-27 13:38:38.710 [2014-07-27 13:29:56.000000] Done: 4147 recs. seq end:  
 9717905. run: 305 s  
 2014-07-28 01:39:32.370  
 2014-07-28 01:39:32.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-28 01:39:32.370 Control Port 2491 Opened  
 2014-07-28 01:39:32.370 Baler ready on Ethernet  
 2014-07-28 01:39:32.370 Power Cycled Baler Acknowledged  
 2014-07-28 01:39:32.370 Commands Accepted by Q330  
 2014-07-28 01:39:32.370 Access timeout: 300 sec  
 2014-07-28 01:39:32.370 Control Port 4023 Opened  
 2014-07-28 01:39:32.370 Data Port 4024 Opened  
 2014-07-28 01:39:32.370 Registered with Q330  
 2014-07-28 01:39:32.370 Combination Record Received  
 2014-07-28 01:39:32.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-28 01:39:32.370 Link Reset, starting window sequence: 24698  
 2014-07-28 01:39:32.370 GPS Receiver ID Received  
 2014-07-28 01:39:32.370 Manufacturer's Data Received, Property Tag=2017  
 2014-07-28 01:39:32.370 Digitizer Gain & Offsets Received  
 2014-07-28 01:39:32.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4147 recs.  
 seq end: 9717905  
 2014-07-28 01:39:32.370 Baler clock set to 2014-07-28 01:39:31  
 2014-07-28 01:39:32.370 Starting to Read DP Tokens  
 2014-07-28 01:39:32.370 DP Tokens loaded, size=1474 bytes  
 2014-07-28 01:39:32.370 webserver advertising 192.168.200.119:5380  
 2014-07-28 01:39:32.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-28 01:39:32.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-28 01:39:32.370 filters & delay HH2:3@100,Linear all=0.320000

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2014-07-28 01:39:32.370 filters & delay BDH:4@20,Linear all=1.650000
2014-07-28 01:39:32.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-28 01:39:32.370 filters & delay LH1:2@1,Linear all=15.000000
2014-07-28 01:39:32.370 filters & delay LH2:3@1,Linear all=15.000000
2014-07-28 01:39:32.370 filters & delay LDH:4@1,Linear all=15.000000
2014-07-28 01:39:32.370 [2014-07-27 13:29:56.000000] continuity found: 9717905
459782996.000000 Q=100
2014-07-28 01:39:32.370 [2014-07-27 13:29:56.000000] restoring continuity
2014-07-28 01:39:32.370 Sending DT_OPEN
2014-07-28 01:39:32.370 Station: XX-2017
2014-07-28 01:39:32.370 Q330 Serial Number: 0100000DB18FC351
2014-07-28 01:39:32.370 Seismo 1 Serial Number: 0000000000000000
2014-07-28 01:39:32.370 Seismo 2 Serial Number: 0000000000000000
2014-07-28 01:39:32.370 QAPCHP 1 Serial Number: 4643206
2014-07-28 01:39:32.370 QAPCHP 2 Serial Number: 3743050
2014-07-28 01:39:32.370 KMI Property Tag Number: 2017
2014-07-28 01:39:32.370 System Software Version: 1.146
2014-07-28 01:39:32.370 Slave Processor Version: 1.11
2014-07-28 01:39:32.370 Calibrator Type: QCAL330
2014-07-28 01:39:32.370 Calibrator Version: 1.8
2014-07-28 01:39:32.370 Auxiliary Board Type: None
2014-07-28 01:39:32.370 Clock Type: Motorola M12
2014-07-28 01:39:32.370 PLD Version: 7.9
2014-07-28 01:39:32.370 Total Hours: 67854.13
2014-07-28 01:39:32.370 Power On Hours: 32484.52
2014-07-28 01:39:32.370 Time of Last Boot: 2014-04-06 02:03:58
2014-07-28 01:39:32.370 Total Number of Boots: 120
2014-07-28 01:39:32.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-28 01:39:32.370 Total Number of Re-Syncs: 213
2014-07-28 01:39:32.370 Status Inputs: 00000000
2014-07-28 01:39:32.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-28 01:39:32.370 Clock Quality: 100%
2014-07-28 01:39:32.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-28 01:39:32.370 Clock Phase: 1 usec. max allowed=50000
2014-07-28 01:39:32.370 Boom positions:
2014-07-28 01:39:32.370 Ch1: -3 Ch2: 6 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-28 01:39:32.370 Analog Status
2014-07-28 01:39:32.370 Analog Positive Supply: 5.46V
2014-07-28 01:39:32.370 Input Voltage: 13.35V
2014-07-28 01:39:32.370 System Temperature: 5C
2014-07-28 01:39:32.370 Main Current: 61ma
2014-07-28 01:39:32.370 Antenna Current: 0ma
2014-07-28 01:39:32.370 GPS Status
2014-07-28 01:39:32.370 Time: 01:39:31
2014-07-28 01:39:32.370 Date:
2014-07-28 01:39:32.370 Fix Type: 1-D
2014-07-28 01:39:32.370 Height:
2014-07-28 01:39:32.370 Latitude:
2014-07-28 01:39:32.370 Longitude:
2014-07-28 01:39:32.370 On Time: 0min
2014-07-28 01:39:32.370 Sat. Used: 0
2014-07-28 01:39:32.370 In View: 0
2014-07-28 01:39:32.370 Checksum Errors: 0
2014-07-28 01:39:32.370 Last GPS timemark: 2014-07-28 01:39:30
2014-07-28 01:39:32.370 PLL Status
2014-07-28 01:39:32.370 State: Lock
2014-07-28 01:39:32.370 Intitial VCO: 2201.093262
2014-07-28 01:39:32.370 Time Error: 0.000000
2014-07-28 01:39:32.370 RMS VCO: 0.000000
2014-07-28 01:39:32.370 Best VCO: 2201.11
2014-07-28 01:39:32.370 Seconds Since Track or Lock: 0.0
2014-07-28 01:39:32.370 Vco Control: 2201
2014-07-28 01:39:32.370 timing mode: external seascan

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2014-07-28 01:39:32.370 tempco normal
2014-07-28 01:39:32.370 PLL update: 10s PLL lock criterion: 5us
2014-07-28 01:39:32.370 Pfrac: 150.00
2014-07-28 01:39:32.370 VCO slope: -0.0175000
2014-07-28 01:39:32.370 VCO intercept: 7.1100001
2014-07-28 01:39:32.370 km delta: 600.0000000
2014-07-28 01:39:32.370 Logical Port 4 Status
2014-07-28 01:39:32.370 Data Packets Sent: 10970364
2014-07-28 01:39:32.370 Flood Packets Sent: 0
2014-07-28 01:39:32.370 Packets Re-Sent: 16804
2014-07-28 01:39:32.370 Sequence Errors: 0
2014-07-28 01:39:32.370 Packet Buffer Used: 20547620
2014-07-28 01:39:32.370 Physical Port: Ethernet
2014-07-28 01:39:32.370 Baler Model: 14 Software Version: 2.28
2014-07-28 01:39:32.370 MAC Address: 00:04:FB:00:02:EA
2014-07-28 01:39:32.370 Disk Size: 20000669696
2014-07-28 01:39:32.370 Percent of 1177 data files in use: 22.3
2014-07-28 01:39:32.370 Channels Enabled: 1234 Preamps ON channels:
2014-07-28 01:39:32.370 Channel Sensitivities (uV per count):
2014-07-28 01:39:32.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-28 01:39:32.370 Digitizer Calibration Results:
2014-07-28 01:39:32.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-28 01:39:32.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-28 01:39:32.370 DMU1 Software Version=10
2014-07-28 01:39:32.370 Supply Voltage=12.7
2014-07-28 01:39:32.370 Supply Current=0.40
2014-07-28 01:39:32.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-28 01:39:32.370 WebLink Data Maps Restored
2014-07-28 01:39:32.370 [2014-07-27 13:29:56.000000] sequence resumes: 9717905 to
9717905
2014-07-28 01:39:32.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-07-28 01:39:31
2014-07-28 01:43:57.280 [2014-07-28 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-28 01:43:57.280 Reducing Status Polling Interval
2014-07-28 01:43:57.280 [2014-07-28 01:44:38.000000] total packets received: 44202
2014-07-28 01:43:57.280 [2014-07-28 01:44:38.000000] command timeouts: 6
2014-07-28 01:43:57.280 [2014-07-28 01:44:38.000000] out of window: 46
2014-07-28 01:43:57.280 written: HHZ-1081 HH1-1209 HH2-1247 BDH-422 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-28 01:43:57.280 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-07-28 01:43:57.280 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-28 01:43:57.280 [2014-07-28 01:44:38.000000] Done: 4102 recs. seq end:
9761987. run: 303 s
2014-07-28 13:45:34.390
2014-07-28 13:45:34.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-28 13:45:34.390 Control Port 2491 Opened
2014-07-28 13:45:34.390 Baler ready on Ethernet
2014-07-28 13:45:34.390 Power Cycled Baler Acknowledged
2014-07-28 13:45:34.390 Commands Accepted by Q330
2014-07-28 13:45:34.390 Access timeout: 300 sec
2014-07-28 13:45:34.390 Control Port 4023 Opened
2014-07-28 13:45:34.390 Data Port 4024 Opened
2014-07-28 13:45:34.390 Registered with Q330
2014-07-28 13:45:34.390 Combination Record Received
2014-07-28 13:45:34.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-28 13:45:34.390 Link Reset, starting window sequence: 3284
2014-07-28 13:45:34.390 GPS Receiver ID Received
2014-07-28 13:45:34.390 Manufacturer's Data Received, Property Tag=2017
2014-07-28 13:45:34.390 Digitizer Gain & Offsets Received
2014-07-28 13:45:34.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4102 recs.
seq end: 9761987

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2014-07-28 13:45:34.390 Baler clock set to 2014-07-28 13:45:33  
 2014-07-28 13:45:34.390 Starting to Read DP Tokens  
 2014-07-28 13:45:34.390 DP Tokens loaded, size=1474 bytes  
 2014-07-28 13:45:34.390 Webserver advertising 192.168.200.119:5380  
 2014-07-28 13:45:34.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-28 13:45:34.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-28 13:45:34.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-28 13:45:34.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-28 13:45:34.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-28 13:45:34.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-28 13:45:34.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-28 13:45:34.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-28 13:45:34.390 [2014-07-28 01:44:38.000000] continuity found: 9761987  
 459827078.000000 Q=100  
 2014-07-28 13:45:34.390 [2014-07-28 01:44:38.000000] restoring continuity  
 2014-07-28 13:45:34.390 Sending DT\_OPEN  
 2014-07-28 13:45:34.390 Station: XX-2017  
 2014-07-28 13:45:34.390 Q330 Serial Number: 0100000DB18FC351  
 2014-07-28 13:45:34.390 AMB Serial Number: 0100000B6909DD82  
 2014-07-28 13:45:34.390 Seismo 1 Serial Number: 0000000000000000  
 2014-07-28 13:45:34.390 Seismo 2 Serial Number: 0000000000000000  
 2014-07-28 13:45:34.390 QAPCHP 1 Serial Number: 4643206  
 2014-07-28 13:45:34.390 QAPCHP 2 Serial Number: 3743050  
 2014-07-28 13:45:34.390 KMI Property Tag Number: 2017  
 2014-07-28 13:45:34.390 System Software Version: 1.146  
 2014-07-28 13:45:34.390 Slave Processor Version: 1.11  
 2014-07-28 13:45:34.390 Calibrator Type: QCAL330  
 2014-07-28 13:45:34.390 Calibrator Version: 1.8  
 2014-07-28 13:45:34.390 Auxiliary Board Type: None  
 2014-07-28 13:45:34.390 Clock Type: Motorola M12  
 2014-07-28 13:45:34.390 PLD Version: 7.9  
 2014-07-28 13:45:34.390 Total Hours: 67866.23  
 2014-07-28 13:45:34.390 Power On Hours: 32496.62  
 2014-07-28 13:45:34.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-28 13:45:34.390 Total Number of Boots: 120  
 2014-07-28 13:45:34.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-28 13:45:34.390 Total Number of Re-Syncs: 213  
 2014-07-28 13:45:34.390 Status Inputs: 00000000  
 2014-07-28 13:45:34.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-07-28 13:45:34.390 Clock Quality: 100%  
 2014-07-28 13:45:34.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-28 13:45:34.390 Clock Phase: 0 usec. max allowed=50000  
 2014-07-28 13:45:34.390 Boom positions:  
 2014-07-28 13:45:34.390 Ch1: -2 Ch2: 6 Ch3: 6 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-07-28 13:45:34.390 Analog Status  
 2014-07-28 13:45:34.390 Analog Positive Supply: 5.46V  
 2014-07-28 13:45:34.390 Input Voltage: 13.35V  
 2014-07-28 13:45:34.390 System Temperature: 5C  
 2014-07-28 13:45:34.390 Main Current: 62ma  
 2014-07-28 13:45:34.390 Antenna Current: 0ma  
 2014-07-28 13:45:34.390 GPS Status  
 2014-07-28 13:45:34.390 Time: 13:45:33  
 2014-07-28 13:45:34.390 Date:  
 2014-07-28 13:45:34.390 Fix Type: 1-D  
 2014-07-28 13:45:34.390 Height:  
 2014-07-28 13:45:34.390 Latitude:  
 2014-07-28 13:45:34.390 Longitude:  
 2014-07-28 13:45:34.390 On Time: 0min  
 2014-07-28 13:45:34.390 Sat. Used: 0  
 2014-07-28 13:45:34.390 In View: 0  
 2014-07-28 13:45:34.390 Checksum Errors: 0  
 2014-07-28 13:45:34.390 Last GPS timemark: 2014-07-28 13:45:32  
 2014-07-28 13:45:34.390 PLL Status



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2014-07-28 13:45:34.390 State: Lock  
 2014-07-28 13:45:34.390 Initial VCO: 2201.284424  
 2014-07-28 13:45:34.390 Time Error: 0.000000  
 2014-07-28 13:45:34.390 RMS VCO: 0.0000000  
 2014-07-28 13:45:34.390 Best VCO: 2201.24  
 2014-07-28 13:45:34.390 Seconds Since Track or Lock: 0.0  
 2014-07-28 13:45:34.390 Vco Control: 2201  
 2014-07-28 13:45:34.390 timing mode: external seascan  
 2014-07-28 13:45:34.390 tempco normal  
 2014-07-28 13:45:34.390 PLL update: 10s PLL lock criterion: 5us  
 2014-07-28 13:45:34.390 Pfrac: 150.00  
 2014-07-28 13:45:34.390 VCO slope: -0.0175000  
 2014-07-28 13:45:34.390 VCO intercept: 7.1100001  
 2014-07-28 13:45:34.390 Km delta: 600.0000000  
 2014-07-28 13:45:34.390 Logical Port 4 Status  
 2014-07-28 13:45:34.390 Data Packets Sent: 11014491  
 2014-07-28 13:45:34.390 Flood Packets Sent: 0  
 2014-07-28 13:45:34.390 Packets Re-Sent: 16866  
 2014-07-28 13:45:34.390 Sequence Errors: 0  
 2014-07-28 13:45:34.390 Packet Buffer Used: 21847632  
 2014-07-28 13:45:34.390 Physical Port: Ethernet  
 2014-07-28 13:45:34.390 Baler Model: 14 Software Version: 2.28  
 2014-07-28 13:45:34.390 MAC Address: 00:04:FB:00:02:EA  
 2014-07-28 13:45:34.390 Disk Size: 20000669696  
 2014-07-28 13:45:34.390 Percent of 1177 data files in use: 22.4  
 2014-07-28 13:45:34.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-28 13:45:34.390 Channel Sensitivities (uV per count):  
 2014-07-28 13:45:34.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-28 13:45:34.390 Digitizer Calibration Results:  
 2014-07-28 13:45:34.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-28 13:45:34.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-28 13:45:34.390 DMU1 Software Version=10  
 2014-07-28 13:45:34.390 Supply Voltage=12.7  
 2014-07-28 13:45:34.390 Supply Current=0.41  
 2014-07-28 13:45:34.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-28 13:45:34.390 WebLink Data Maps Restored  
 2014-07-28 13:45:34.390 [2014-07-28 01:44:38.000000] sequence resumes: 9761987 to  
 9761987  
 2014-07-28 13:45:34.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-28 13:45:33  
 2014-07-28 13:51:04.490 [2014-07-28 13:50:28.999998] total packets received: 47596  
 2014-07-28 13:51:04.490 [2014-07-28 13:50:28.999998] command timeouts: 6  
 2014-07-28 13:51:04.490 written: HHZ-1197 HH1-1324 HH2-1334 BDH-431 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-07-28 13:51:04.490 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-23 LDH-24  
 VMZ-2 VM1-2  
 2014-07-28 13:51:04.490 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-07-28 13:51:04.490 [2014-07-28 13:50:28.999998] Done: 4423 recs. seq end:  
 9805538. run: 325 s  
 2014-07-29 01:51:56.390  
 2014-07-29 01:51:56.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-29 01:51:56.390 Control Port 2491 Opened  
 2014-07-29 01:51:56.390 Baler ready on Ethernet  
 2014-07-29 01:51:56.390 Power Cycled Baler Acknowledged  
 2014-07-29 01:51:56.390 Commands Accepted by Q330  
 2014-07-29 01:51:56.390 Access timeout: 300 sec  
 2014-07-29 01:51:56.390 Control Port 4023 Opened  
 2014-07-29 01:51:56.390 Data Port 4024 Opened  
 2014-07-29 01:51:56.390 Registered with Q330  
 2014-07-29 01:51:56.390 Combination Record Received  
 2014-07-29 01:51:56.390 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-29 01:51:56.390 Link Reset, starting window sequence: 50772  
 2014-07-29 01:51:56.390 GPS Receiver ID Received

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2014-07-29 01:51:56.390 Manufacturer's Data Received, Property Tag=2017  
 2014-07-29 01:51:56.390 Digitizer Gain & Offsets Received  
 2014-07-29 01:51:56.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4423 recs.  
 seq end: 9805538  
 2014-07-29 01:51:56.390 Baler clock set to 2014-07-29 01:51:55  
 2014-07-29 01:51:56.390 Starting to Read DP Tokens  
 2014-07-29 01:51:56.390 DP Tokens loaded, size=1474 bytes  
 2014-07-29 01:51:56.390 webserver advertising 192.168.200.119:5380  
 2014-07-29 01:51:56.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-29 01:51:56.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-29 01:51:56.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-29 01:51:56.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-29 01:51:56.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-29 01:51:56.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-29 01:51:56.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-29 01:51:56.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-29 01:51:56.390 [2014-07-28 13:50:28.999998] continuity found: 9805538  
 459870629.000000 Q=100  
 2014-07-29 01:51:56.390 [2014-07-28 13:50:28.999998] restoring continuity  
 2014-07-29 01:51:56.390 Sending DT\_OPEN  
 2014-07-29 01:51:56.390 Station: XX-2017  
 2014-07-29 01:51:56.390 Q330 Serial Number: 0100000DB18FC351  
 2014-07-29 01:51:56.390 AMB Serial Number: 0100000B6909DD82  
 2014-07-29 01:51:56.390 Seismo 1 Serial Number: 0000000000000000  
 2014-07-29 01:51:56.390 Seismo 2 Serial Number: 0000000000000000  
 2014-07-29 01:51:56.390 QAPCHP 1 Serial Number: 4643206  
 2014-07-29 01:51:56.390 QAPCHP 2 Serial Number: 3743050  
 2014-07-29 01:51:56.390 KMI Property Tag Number: 2017  
 2014-07-29 01:51:56.390 System Software Version: 1.146  
 2014-07-29 01:51:56.390 Slave Processor Version: 1.11  
 2014-07-29 01:51:56.390 Calibrator Type: QCAL330  
 2014-07-29 01:51:56.390 Calibrator Version: 1.8  
 2014-07-29 01:51:56.390 Auxiliary Board Type: None  
 2014-07-29 01:51:56.390 Clock Type: Motorola M12  
 2014-07-29 01:51:56.390 PLD Version: 7.9  
 2014-07-29 01:51:56.390 Total Hours: 67878.34  
 2014-07-29 01:51:56.390 Power On Hours: 32508.73  
 2014-07-29 01:51:56.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-29 01:51:56.390 Total Number of Boots: 120  
 2014-07-29 01:51:56.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-29 01:51:56.390 Total Number of Re-Syncs: 213  
 2014-07-29 01:51:56.390 Status Inputs: 00000000  
 2014-07-29 01:51:56.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-29 01:51:56.390 Clock Quality: 100%  
 2014-07-29 01:51:56.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-29 01:51:56.390 Clock Phase: 0 usec. max allowed=50000  
 2014-07-29 01:51:56.390 Boom positions:  
 2014-07-29 01:51:56.390 ch1: -3 ch2: 6 ch3: 6 ch4: 20 ch5: 20 ch6: 20  
 2014-07-29 01:51:56.390 Analog Status  
 2014-07-29 01:51:56.390 Analog Positive Supply: 5.46V  
 2014-07-29 01:51:56.390 Input Voltage: 13.20V  
 2014-07-29 01:51:56.390 System Temperature: 5C  
 2014-07-29 01:51:56.390 Main Current: 62ma  
 2014-07-29 01:51:56.390 Antenna Current: 0ma  
 2014-07-29 01:51:56.390 GPS Status  
 2014-07-29 01:51:56.390 Time: 01:51:55  
 2014-07-29 01:51:56.390 Date:  
 2014-07-29 01:51:56.390 Fix Type: 1-D  
 2014-07-29 01:51:56.390 Height:  
 2014-07-29 01:51:56.390 Latitude:  
 2014-07-29 01:51:56.390 Longitude:  
 2014-07-29 01:51:56.390 On Time: 0min  
 2014-07-29 01:51:56.390 Sat. Used: 0

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2014-07-29 01:51:56.390 In View: 0
2014-07-29 01:51:56.390 Checksum Errors: 0
2014-07-29 01:51:56.390 Last GPS timemark: 2014-07-29 01:51:54
2014-07-29 01:51:56.390 PLL Status
2014-07-29 01:51:56.390 State: Lock
2014-07-29 01:51:56.390 Initial VCO: 2201.470459
2014-07-29 01:51:56.390 Time Error: 0.000000
2014-07-29 01:51:56.390 RMS VCO: 0.000000
2014-07-29 01:51:56.390 Best VCO: 2201.38
2014-07-29 01:51:56.390 Seconds Since Track or Lock: 0.0
2014-07-29 01:51:56.390 Vco Control: 2202
2014-07-29 01:51:56.390 timing mode: external seascan
2014-07-29 01:51:56.390 tempco normal
2014-07-29 01:51:56.390 PLL update: 10s PLL lock criterion: 5us
2014-07-29 01:51:56.390 Pfrac: 150.00
2014-07-29 01:51:56.390 VCO slope: -0.0175000
2014-07-29 01:51:56.390 VCO intercept: 7.1100001
2014-07-29 01:51:56.390 km delta: 600.0000000
2014-07-29 01:51:56.390 Logical Port 4 Status
2014-07-29 01:51:56.390 Data Packets Sent: 11061985
2014-07-29 01:51:56.390 Flood Packets Sent: 0
2014-07-29 01:51:56.390 Packets Re-Sent: 16956
2014-07-29 01:51:56.390 Sequence Errors: 0
2014-07-29 01:51:56.390 Packet Buffer Used: 22846620
2014-07-29 01:51:56.390 Physical Port: Ethernet
2014-07-29 01:51:56.390 Baler Model: 14 Software Version: 2.28
2014-07-29 01:51:56.390 MAC Address: 00:04:FB:00:02:EA
2014-07-29 01:51:56.390 Disk Size: 20000669696
2014-07-29 01:51:56.390 Percent of 1177 data files in use: 22.6
2014-07-29 01:51:56.390 Channels Enabled: 1234 Preamps ON channels:
2014-07-29 01:51:56.390 Channel Sensitivities (uV per count):
2014-07-29 01:51:56.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-29 01:51:56.390 Digitizer Calibration Results:
2014-07-29 01:51:56.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-29 01:51:56.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-29 01:51:56.390 DMU1 Software Version=10
2014-07-29 01:51:56.390 Supply Voltage=12.7
2014-07-29 01:51:56.390 Supply Current=0.40
2014-07-29 01:51:56.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-29 01:51:56.390 WebLink Data Maps Restored
2014-07-29 01:51:56.390 [2014-07-28 13:50:28.999998] sequence resumes: 9805538 to
9805538
2014-07-29 01:51:56.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-29 01:51:55
2014-07-29 01:56:37.120 [2014-07-29 00:00:00.000001] Saving Configuration to Backup
Memory
2014-07-29 01:56:37.120 Reducing Status Polling Interval
2014-07-29 01:56:37.120 [2014-07-29 01:57:32.999998] total packets received: 54792
2014-07-29 01:56:37.120 [2014-07-29 01:57:32.999998] command timeouts: 6
2014-07-29 01:56:37.120 [2014-07-29 01:57:32.999998] out of window: 67
2014-07-29 01:56:37.120 written: HHZ-1241 HH1-1386 HH2-1453 BDH-440 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-07-29 01:56:37.120 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-07-29 01:56:37.120 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-07-29 01:56:37.120 [2014-07-29 01:57:32.999998] Done: 4658 recs. seq end:
9849162. run: 334 s
2014-07-29 13:58:27.350
2014-07-29 13:58:27.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-29 13:58:27.350 Control Port 2491 Opened
2014-07-29 13:58:27.350 Baler ready on Ethernet
2014-07-29 13:58:27.350 Power Cycled Baler Acknowledged
2014-07-29 13:58:27.350 Commands Accepted by Q330

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2014-07-29 13:58:27.350 Access timeout: 300 sec  
 2014-07-29 13:58:27.350 Control Port 4023 Opened  
 2014-07-29 13:58:27.350 Data Port 4024 Opened  
 2014-07-29 13:58:27.350 Registered with Q330  
 2014-07-29 13:58:27.350 Combination Record Received  
 2014-07-29 13:58:27.350 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-29 13:58:27.350 Link Reset, starting window sequence: 39925  
 2014-07-29 13:58:27.350 GPS Receiver ID Received  
 2014-07-29 13:58:27.350 Manufacturer's Data Received, Property Tag=2017  
 2014-07-29 13:58:27.350 Digitizer Gain & Offsets Received  
 2014-07-29 13:58:27.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4658 recs.  
 seq end: 9849162  
 2014-07-29 13:58:27.350 Baler clock set to 2014-07-29 13:58:26  
 2014-07-29 13:58:27.350 Starting to Read DP Tokens  
 2014-07-29 13:58:27.350 DP Tokens loaded, size=1474 bytes  
 2014-07-29 13:58:27.350 webserver advertising 192.168.200.119:5380  
 2014-07-29 13:58:27.350 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-29 13:58:27.350 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-29 13:58:27.350 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-29 13:58:27.350 filters & delay BDH:4@20,Linear all=1.650000  
 2014-07-29 13:58:27.350 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-29 13:58:27.350 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-29 13:58:27.350 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-29 13:58:27.350 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-29 13:58:27.350 [2014-07-29 01:57:32.999998] continuity found: 9849162  
 459914253.000000 Q=100  
 2014-07-29 13:58:27.350 [2014-07-29 01:57:32.999998] restoring continuity  
 2014-07-29 13:58:27.350 Sending DT\_OPEN  
 2014-07-29 13:58:27.350 Station: XX-2017  
 2014-07-29 13:58:27.350 Q330 Serial Number: 0100000DB18FC351  
 2014-07-29 13:58:27.350 AMB Serial Number: 0100000B6909DD82  
 2014-07-29 13:58:27.350 Seismo 1 Serial Number: 0000000000000000  
 2014-07-29 13:58:27.350 Seismo 2 Serial Number: 0000000000000000  
 2014-07-29 13:58:27.350 QAPCHP 1 Serial Number: 4643206  
 2014-07-29 13:58:27.350 QAPCHP 2 Serial Number: 3743050  
 2014-07-29 13:58:27.350 KMI Property Tag Number: 2017  
 2014-07-29 13:58:27.350 System Software Version: 1.146  
 2014-07-29 13:58:27.350 Slave Processor Version: 1.11  
 2014-07-29 13:58:27.350 Calibrator Type: QCAL330  
 2014-07-29 13:58:27.350 Calibrator Version: 1.8  
 2014-07-29 13:58:27.350 Auxiliary Board Type: None  
 2014-07-29 13:58:27.350 Clock Type: Motorola M12  
 2014-07-29 13:58:27.350 PLD Version: 7.9  
 2014-07-29 13:58:27.350 Total Hours: 67890.45  
 2014-07-29 13:58:27.350 Power On Hours: 32520.84  
 2014-07-29 13:58:27.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-29 13:58:27.350 Total Number of Boots: 120  
 2014-07-29 13:58:27.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-29 13:58:27.350 Total Number of Re-Syncs: 213  
 2014-07-29 13:58:27.350 Status Inputs: 00000000  
 2014-07-29 13:58:27.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-29 13:58:27.350 Clock Quality: 100%  
 2014-07-29 13:58:27.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-29 13:58:27.350 Clock Phase: 0 usec. max allowed=50000  
 2014-07-29 13:58:27.350 Boom positions:  
 2014-07-29 13:58:27.350 ch1: -3 ch2: 7 ch3: 6 ch4: 20 ch5: 20 ch6: 20  
 2014-07-29 13:58:27.350 Analog Status  
 2014-07-29 13:58:27.350 Analog Positive Supply: 5.46V  
 2014-07-29 13:58:27.350 Input Voltage: 13.20V  
 2014-07-29 13:58:27.350 System Temperature: 5C  
 2014-07-29 13:58:27.350 Main Current: 62ma  
 2014-07-29 13:58:27.350 Antenna Current: 0ma  
 2014-07-29 13:58:27.350 GPS Status

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2014-07-29 13:58:27.350 Time: 13:58:26  
 2014-07-29 13:58:27.350 Date:  
 2014-07-29 13:58:27.350 Fix Type: 1-D  
 2014-07-29 13:58:27.350 Height:  
 2014-07-29 13:58:27.350 Longitude:  
 2014-07-29 13:58:27.350 On Time: 0min  
 2014-07-29 13:58:27.350 Sat. Used: 0  
 2014-07-29 13:58:27.350 In View: 0  
 2014-07-29 13:58:27.350 Checksum Errors: 0  
 2014-07-29 13:58:27.350 Last GPS timemark: 2014-07-29 13:58:25  
 2014-07-29 13:58:27.350 PLL Status  
 2014-07-29 13:58:27.350 State: Lock  
 2014-07-29 13:58:27.350 Initial VCO: 2201.217529  
 2014-07-29 13:58:27.350 Time Error: 0.000000  
 2014-07-29 13:58:27.350 RMS VCO: 0.0000000  
 2014-07-29 13:58:27.350 Best VCO: 2201.18  
 2014-07-29 13:58:27.350 Seconds Since Track or Lock: 0.0  
 2014-07-29 13:58:27.350 Vco Control: 2201  
 2014-07-29 13:58:27.350 timing mode: external seascan  
 2014-07-29 13:58:27.350 tempco normal  
 2014-07-29 13:58:27.350 PLL update: 10s PLL lock criterion: 5us  
 2014-07-29 13:58:27.350 Pfrac: 150.00  
 2014-07-29 13:58:27.350 VCO slope: -0.0175000  
 2014-07-29 13:58:27.350 VCO intercept: 7.1100001  
 2014-07-29 13:58:27.350 Km delta: 600.0000000  
 2014-07-29 13:58:27.350 Logical Port 4 Status  
 2014-07-29 13:58:27.350 Data Packets Sent: 11116679  
 2014-07-29 13:58:27.350 Flood Packets Sent: 0  
 2014-07-29 13:58:27.350 Packets Re-Sent: 17036  
 2014-07-29 13:58:27.350 Sequence Errors: 0  
 2014-07-29 13:58:27.350 Packet Buffer Used: 21540520  
 2014-07-29 13:58:27.350 Physical Port: Ethernet  
 2014-07-29 13:58:27.350 Baler Model: 14 Software Version: 2.28  
 2014-07-29 13:58:27.350 MAC Address: 00:04:FB:00:02:EA  
 2014-07-29 13:58:27.350 Disk Size: 20000669696  
 2014-07-29 13:58:27.350 Percent of 1177 data files in use: 22.7  
 2014-07-29 13:58:27.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-29 13:58:27.350 Channel Sensitivities (uV per count):  
 2014-07-29 13:58:27.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-29 13:58:27.350 Digitizer Calibration Results:  
 2014-07-29 13:58:27.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-29 13:58:27.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-29 13:58:27.350 DMU1 Software Version=10  
 2014-07-29 13:58:27.350 Supply Voltage=12.7  
 2014-07-29 13:58:27.350 Supply Current=0.41  
 2014-07-29 13:58:27.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-29 13:58:27.350 webLink Data Maps Restored  
 2014-07-29 13:58:27.350 [2014-07-29 01:57:32.999998] sequence resumes: 9849162 to 9849162  
 2014-07-29 13:58:27.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-29 13:58:26  
 2014-07-29 14:03:57.510 [2014-07-29 14:03:55.999998] total packets received: 45303  
 2014-07-29 14:03:57.510 [2014-07-29 14:03:55.999998] command timeouts: 6  
 2014-07-29 14:03:57.510 [2014-07-29 14:03:55.999998] out of window: 78  
 2014-07-29 14:03:57.510 written: HHZ-1152 HH1-1290 HH2-1327 BDH-442 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-07-29 14:03:57.510 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-07-29 14:03:57.510 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-07-29 14:03:57.510 [2014-07-29 14:03:55.999998] Done: 4349 recs. seq end:  
 9892745. run: 325 s  
 2014-07-30 02:04:48.370  
 2014-07-30 02:04:48.370 Quanterra Packet Baler Model 14 Restart. Version 2.28

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2014-07-30 02:04:48.370 Control Port 2491 Opened
2014-07-30 02:04:48.370 Baler ready on Ethernet
2014-07-30 02:04:48.370 Power Cycled Baler Acknowledged
2014-07-30 02:04:48.370 Commands Accepted by Q330
2014-07-30 02:04:48.370 Access timeout: 300 sec
2014-07-30 02:04:48.370 Control Port 4023 Opened
2014-07-30 02:04:48.370 Data Port 4024 Opened
2014-07-30 02:04:48.370 Registered with Q330
2014-07-30 02:04:48.370 Combination Record Received
2014-07-30 02:04:48.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-07-30 02:04:48.370 Link Reset, starting window sequence: 19579
2014-07-30 02:04:48.370 GPS Receiver ID Received
2014-07-30 02:04:48.370 Manufacturer's Data Received, Property Tag=2017
2014-07-30 02:04:48.370 Digitizer Gain & Offsets Received
2014-07-30 02:04:48.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4349 recs.
seq end: 9892745
2014-07-30 02:04:48.370 Baler clock set to 2014-07-30 02:04:47
2014-07-30 02:04:48.370 Starting to Read DP Tokens
2014-07-30 02:04:48.370 DP Tokens loaded, size=1474 bytes
2014-07-30 02:04:48.370 Webserver advertising 192.168.200.119:5380
2014-07-30 02:04:48.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-30 02:04:48.370 filters & delay HH1:2@100,Linear all=0.320000
2014-07-30 02:04:48.370 filters & delay HH2:3@100,Linear all=0.320000
2014-07-30 02:04:48.370 filters & delay BDH:4@20,Linear all=1.650000
2014-07-30 02:04:48.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-30 02:04:48.370 filters & delay LH1:2@1,Linear all=15.000000
2014-07-30 02:04:48.370 filters & delay LH2:3@1,Linear all=15.000000
2014-07-30 02:04:48.370 filters & delay LDH:4@1,Linear all=15.000000
2014-07-30 02:04:48.370 [2014-07-29 14:03:55.999998] continuity found: 9892745
459957836.000000 Q=100
2014-07-30 02:04:48.370 [2014-07-29 14:03:55.999998] restoring continuity
2014-07-30 02:04:48.370 Sending DT_OPEN
2014-07-30 02:04:48.370 Station: XX-2017
2014-07-30 02:04:48.370 Q330 Serial Number: 0100000DB18FC351
2014-07-30 02:04:48.370 AMB Serial Number: 0100000B6909DD82
2014-07-30 02:04:48.370 Seismo 1 Serial Number: 0000000000000000
2014-07-30 02:04:48.370 Seismo 2 Serial Number: 0000000000000000
2014-07-30 02:04:48.370 QAPCHP 1 Serial Number: 4643206
2014-07-30 02:04:48.370 QAPCHP 2 Serial Number: 3743050
2014-07-30 02:04:48.370 KMI Property Tag Number: 2017
2014-07-30 02:04:48.370 System Software Version: 1.146
2014-07-30 02:04:48.370 Slave Processor Version: 1.11
2014-07-30 02:04:48.370 Calibrator Type: QCAL330
2014-07-30 02:04:48.370 Calibrator Version: 1.8
2014-07-30 02:04:48.370 Auxiliary Board Type: None
2014-07-30 02:04:48.370 Clock Type: Motorola M12
2014-07-30 02:04:48.370 PLD Version: 7.9
2014-07-30 02:04:48.370 Total Hours: 67902.56
2014-07-30 02:04:48.370 Power On Hours: 32532.94
2014-07-30 02:04:48.370 Time of Last Boot: 2014-04-06 02:03:58
2014-07-30 02:04:48.370 Total Number of Boots: 120
2014-07-30 02:04:48.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-07-30 02:04:48.370 Total Number of Re-Syncs: 213
2014-07-30 02:04:48.370 Status Inputs: 00000000
2014-07-30 02:04:48.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-07-30 02:04:48.370 Clock Quality: 100%
2014-07-30 02:04:48.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-30 02:04:48.370 Clock Phase: 0 usec. max allowed=50000
2014-07-30 02:04:48.370 Boom positions:
2014-07-30 02:04:48.370 Ch1: -2 Ch2: 7 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20
2014-07-30 02:04:48.370 Analog Status
2014-07-30 02:04:48.370 Analog Positive Supply: 5.46V
2014-07-30 02:04:48.370 Input Voltage: 13.35V

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2014-07-30 02:04:48.370 System Temperature: 5C  
 2014-07-30 02:04:48.370 Main Current: 62ma  
 2014-07-30 02:04:48.370 Antenna Current: 0ma  
 2014-07-30 02:04:48.370 GPS Status  
 2014-07-30 02:04:48.370 Time: 02:04:47  
 2014-07-30 02:04:48.370 Date:  
 2014-07-30 02:04:48.370 Fix Type: 1-D  
 2014-07-30 02:04:48.370 Height:  
 2014-07-30 02:04:48.370 Latitude:  
 2014-07-30 02:04:48.370 Longitude:  
 2014-07-30 02:04:48.370 On Time: 0min  
 2014-07-30 02:04:48.370 Sat. Used: 0  
 2014-07-30 02:04:48.370 In View: 0  
 2014-07-30 02:04:48.370 Checksum Errors: 0  
 2014-07-30 02:04:48.370 Last GPS timemark: 2014-07-30 02:04:46  
 2014-07-30 02:04:48.370 PLL Status  
 2014-07-30 02:04:48.370 State: Lock  
 2014-07-30 02:04:48.370 Initial VCO: 2201.266846  
 2014-07-30 02:04:48.370 Time Error: 0.000000  
 2014-07-30 02:04:48.370 RMS VCO: 0.000000  
 2014-07-30 02:04:48.370 Best VCO: 2201.13  
 2014-07-30 02:04:48.370 Seconds Since Track or Lock: 0.0  
 2014-07-30 02:04:48.370 Vco Control: 2201  
 2014-07-30 02:04:48.370 timing mode: external seascan  
 2014-07-30 02:04:48.370 tempco normal  
 2014-07-30 02:04:48.370 PLL update: 10s PLL lock criterion: 5us  
 2014-07-30 02:04:48.370 Pfrac: 150.00  
 2014-07-30 02:04:48.370 VCO slope: -0.0175000  
 2014-07-30 02:04:48.370 VCO intercept: 7.1100001  
 2014-07-30 02:04:48.370 km delta: 600.0000000  
 2014-07-30 02:04:48.370 Logical Port 4 Status  
 2014-07-30 02:04:48.370 Data Packets Sent: 11161874  
 2014-07-30 02:04:48.370 Flood Packets Sent: 0  
 2014-07-30 02:04:48.370 Packets Re-Sent: 17131  
 2014-07-30 02:04:48.370 Sequence Errors: 0  
 2014-07-30 02:04:48.370 Packet Buffer Used: 21719880  
 2014-07-30 02:04:48.370 Physical Port: Ethernet  
 2014-07-30 02:04:48.370 Baler Model: 14 Software Version: 2.28  
 2014-07-30 02:04:48.370 MAC Address: 00:04:FB:00:02:EA  
 2014-07-30 02:04:48.370 Disk Size: 20000669696  
 2014-07-30 02:04:48.370 Percent of 1177 data files in use: 22.7  
 2014-07-30 02:04:48.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-30 02:04:48.370 Channel Sensitivities (uV per count):  
 2014-07-30 02:04:48.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-30 02:04:48.370 Digitizer Calibration Results:  
 2014-07-30 02:04:48.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-30 02:04:48.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-30 02:04:48.370 DMU1 Software Version=10  
 2014-07-30 02:04:48.370 Supply Voltage=12.7  
 2014-07-30 02:04:48.370 Supply Current=0.41  
 2014-07-30 02:04:48.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-30 02:04:48.370 WebLink Data Maps Restored  
 2014-07-30 02:04:48.370 [2014-07-29 14:03:55.999998] sequence resumes: 9892745 to  
 9892745  
 2014-07-30 02:04:48.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-07-30 02:04:47  
 2014-07-30 02:09:08.060 [2014-07-30 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-07-30 02:10:08.700 Reducing Status Polling Interval  
 2014-07-30 02:10:08.700 [2014-07-30 02:10:07.999998] total packets received: 44126  
 2014-07-30 02:10:08.700 [2014-07-30 02:10:07.999998] command timeouts: 6  
 2014-07-30 02:10:08.700 [2014-07-30 02:10:07.999998] out of window: 63  
 2014-07-30 02:10:08.700 written: HHZ-1134 HH1-1316 HH2-1364 BDH-445 VEP-2 VEC-1

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VEA-2 VKI-2 VCO-2  
 2014-07-30 02:10:08.700 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-07-30 02:10:08.700 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-07-30 02:10:08.700 [2014-07-30 02:10:07.999998] Done: 4405 recs. seq end:  
 9936317. run: 316 s  
 2014-07-30 14:11:01.370  
 2014-07-30 14:11:01.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-07-30 14:11:01.370 Control Port 2491 Opened  
 2014-07-30 14:11:01.370 Baler ready on Ethernet  
 2014-07-30 14:11:01.370 Power Cycled Baler Acknowledged  
 2014-07-30 14:11:01.370 Commands Accepted by Q330  
 2014-07-30 14:11:01.370 Access timeout: 300 sec  
 2014-07-30 14:11:01.370 Control Port 4023 Opened  
 2014-07-30 14:11:01.370 Data Port 4024 Opened  
 2014-07-30 14:11:01.370 Registered with Q330  
 2014-07-30 14:11:01.370 Combination Record Received  
 2014-07-30 14:11:01.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-07-30 14:11:01.370 Link Reset, starting window sequence: 63607  
 2014-07-30 14:11:01.370 GPS Receiver ID Received  
 2014-07-30 14:11:01.370 Manufacturer's Data Received, Property Tag=2017  
 2014-07-30 14:11:01.370 Digitizer Gain & Offsets Received  
 2014-07-30 14:11:01.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4405 recs.  
 seq end: 9936317  
 2014-07-30 14:11:01.370 Baler clock set to 2014-07-30 14:11:00  
 2014-07-30 14:11:01.370 Starting to Read DP Tokens  
 2014-07-30 14:11:01.370 DP Tokens loaded, size=1474 bytes  
 2014-07-30 14:11:01.370 webserver advertising 192.168.200.119:5380  
 2014-07-30 14:11:01.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-07-30 14:11:01.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-07-30 14:11:01.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-07-30 14:11:01.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-07-30 14:11:01.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-07-30 14:11:01.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-07-30 14:11:01.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-07-30 14:11:01.370 [2014-07-30 02:10:07.999998] continuity found: 9936317  
 460001408.000000 Q=100  
 2014-07-30 14:11:01.370 [2014-07-30 02:10:07.999998] restoring continuity  
 2014-07-30 14:11:01.370 Sending DT\_OPEN  
 2014-07-30 14:11:01.370 Station: XX-2017  
 2014-07-30 14:11:01.370 Q330 Serial Number: 0100000DB18FC351  
 2014-07-30 14:11:01.370 AMB Serial Number: 0100000B6909DD82  
 2014-07-30 14:11:01.370 Seismo 1 Serial Number: 0000000000000000  
 2014-07-30 14:11:01.370 Seismo 2 Serial Number: 0000000000000000  
 2014-07-30 14:11:01.370 QAPCHP 1 Serial Number: 4643206  
 2014-07-30 14:11:01.370 QAPCHP 2 Serial Number: 3743050  
 2014-07-30 14:11:01.370 KMI Property Tag Number: 2017  
 2014-07-30 14:11:01.370 System Software Version: 1.146  
 2014-07-30 14:11:01.370 Slave Processor Version: 1.11  
 2014-07-30 14:11:01.370 Calibrator Type: QCAL330  
 2014-07-30 14:11:01.370 Calibrator Version: 1.8  
 2014-07-30 14:11:01.370 Auxiliary Board Type: None  
 2014-07-30 14:11:01.370 Clock Type: Motorola M12  
 2014-07-30 14:11:01.370 PLD Version: 7.9  
 2014-07-30 14:11:01.370 Total Hours: 67914.66  
 2014-07-30 14:11:01.370 Power On Hours: 32545.05  
 2014-07-30 14:11:01.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-30 14:11:01.370 Total Number of Boots: 120  
 2014-07-30 14:11:01.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-30 14:11:01.370 Total Number of Re-Syncs: 213  
 2014-07-30 14:11:01.370 Status Inputs: 00000000  
 2014-07-30 14:11:01.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-30 14:11:01.370 Clock Quality: 100%



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2014-07-30 14:11:01.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-07-30 14:11:01.370 Clock Phase: 0 usec. max allowed=50000
2014-07-30 14:11:01.370 Boom positions:
2014-07-30 14:11:01.370 ch1: -3 ch2: 7 ch3: 6 ch4: 20 ch5: 20 ch6: 20
2014-07-30 14:11:01.370 Analog Status
2014-07-30 14:11:01.370 Analog Positive Supply: 5.46V
2014-07-30 14:11:01.370 Input Voltage: 13.35V
2014-07-30 14:11:01.370 System Temperature: 5C
2014-07-30 14:11:01.370 Main Current: 61ma
2014-07-30 14:11:01.370 Antenna Current: 0ma
2014-07-30 14:11:01.370 GPS Status
2014-07-30 14:11:01.370 Time: 14:11:00
2014-07-30 14:11:01.370 Date:
2014-07-30 14:11:01.370 Fix Type: 1-D
2014-07-30 14:11:01.370 Height:
2014-07-30 14:11:01.370 Latitude:
2014-07-30 14:11:01.370 Longitude:
2014-07-30 14:11:01.370 On Time: 0min
2014-07-30 14:11:01.370 Sat. Used: 0
2014-07-30 14:11:01.370 In View: 0
2014-07-30 14:11:01.370 Checksum Errors: 0
2014-07-30 14:11:01.370 Last GPS timemark: 2014-07-30 14:10:59
2014-07-30 14:11:01.370 PLL Status
2014-07-30 14:11:01.370 State: Lock
2014-07-30 14:11:01.370 Initial VCO: 2200.692139
2014-07-30 14:11:01.370 Time Error: 0.000000
2014-07-30 14:11:01.370 RMS VCO: 0.0000000
2014-07-30 14:11:01.370 Best VCO: 2200.56
2014-07-30 14:11:01.370 Seconds Since Track or Lock: 0.0
2014-07-30 14:11:01.370 Vco Control: 2200
2014-07-30 14:11:01.370 timing mode: external seascan
2014-07-30 14:11:01.370 tempco normal
2014-07-30 14:11:01.370 PLL update: 10s PLL lock criterion: 5us
2014-07-30 14:11:01.370 Pfrac: 150.00
2014-07-30 14:11:01.370 VCO slope: -0.0175000
2014-07-30 14:11:01.370 VCO intercept: 7.1100001
2014-07-30 14:11:01.370 Km delta: 600.0000000
2014-07-30 14:11:01.370 Logical Port 4 Status
2014-07-30 14:11:01.370 Data Packets Sent: 11205907
2014-07-30 14:11:01.370 Flood Packets Sent: 0
2014-07-30 14:11:01.370 Packets Re-Sent: 17206
2014-07-30 14:11:01.370 Sequence Errors: 0
2014-07-30 14:11:01.370 Packet Buffer Used: 21792932
2014-07-30 14:11:01.370 Physical Port: Ethernet
2014-07-30 14:11:01.370 Baler Model: 14 Software Version: 2.28
2014-07-30 14:11:01.370 MAC Address: 00:04:FB:00:02:EA
2014-07-30 14:11:01.370 Disk Size: 20000669696
2014-07-30 14:11:01.370 Percent of 1177 data files in use: 22.9
2014-07-30 14:11:01.370 Channels Enabled: 1234 Preamps ON channels:
2014-07-30 14:11:01.370 Channel Sensitivities (uV per count):
2014-07-30 14:11:01.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-07-30 14:11:01.370 Digitizer Calibration Results:
2014-07-30 14:11:01.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-30 14:11:01.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-30 14:11:01.370 DMU1 Software Version=10
2014-07-30 14:11:01.370 Supply Voltage=12.7
2014-07-30 14:11:01.370 Supply Current=0.40
2014-07-30 14:11:01.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-30 14:11:01.370 webLink Data Maps Restored
2014-07-30 14:11:01.370 [2014-07-30 02:10:07.999998] sequence resumes: 9936317 to
9936317
2014-07-30 14:11:01.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-07-30 14:11:00

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2014-07-30 14:16:31.910 [2014-07-30 14:16:30.999998] total packets received: 44950
2014-07-30 14:16:31.910 [2014-07-30 14:16:30.999998] command timeouts: 6
2014-07-30 14:16:31.910 [2014-07-30 14:16:30.999998] out of window: 69
2014-07-30 14:16:31.910 written: HHZ-1151 HH1-1308 HH2-1381 BDH-443 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-07-30 14:16:31.910 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-25 LDH-25
VMZ-1 VM1-1
2014-07-30 14:16:31.910 written: VM2-1 LOG-2 ACE-1 OCF-1
2014-07-30 14:16:31.910 [2014-07-30 14:16:30.999998] Done: 4419 recs. seq end:
9979900. run: 325 s
2014-07-31 02:17:24.370
2014-07-31 02:17:24.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-31 02:17:24.370 Control Port 2491 Opened
2014-07-31 02:17:24.370 Baler ready on Ethernet
2014-07-31 02:17:24.370 Power Cycled Baler Acknowledged
2014-07-31 02:17:24.370 Commands Accepted by Q330
2014-07-31 02:17:24.370 Access timeout: 300 sec
2014-07-31 02:17:24.370 Control Port 4023 Opened
2014-07-31 02:17:24.370 Data Port 4024 Opened
2014-07-31 02:17:24.370 Registered with Q330
2014-07-31 02:17:24.370 Combination Record Received
2014-07-31 02:17:24.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-31 02:17:24.370 Link Reset, starting window sequence: 42916
2014-07-31 02:17:24.370 GPS Receiver ID Received
2014-07-31 02:17:24.370 Manufacturer's Data Received, Property Tag=2017
2014-07-31 02:17:24.370 Digitizer Gain & Offsets Received
2014-07-31 02:17:24.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4419 recs.
seq end: 9979900
2014-07-31 02:17:24.370 Baler clock set to 2014-07-31 02:17:23
2014-07-31 02:17:24.370 Starting to Read DP Tokens
2014-07-31 02:17:24.370 DP Tokens loaded, size=1474 bytes
2014-07-31 02:17:24.370 webserver advertising 192.168.200.119:5380
2014-07-31 02:17:24.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-31 02:17:24.370 filters & delay HH1:2@100,Linear all=0.320000
2014-07-31 02:17:24.370 filters & delay HH2:3@100,Linear all=0.320000
2014-07-31 02:17:24.370 filters & delay BDH:4@20,Linear all=1.650000
2014-07-31 02:17:24.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-31 02:17:24.370 filters & delay LH1:2@1,Linear all=15.000000
2014-07-31 02:17:24.370 filters & delay LH2:3@1,Linear all=15.000000
2014-07-31 02:17:24.370 filters & delay LDH:4@1,Linear all=15.000000
2014-07-31 02:17:24.370 [2014-07-30 14:16:30.999998] continuity found: 9979900
460044991.000000 Q=100
2014-07-31 02:17:24.370 [2014-07-30 14:16:30.999998] restoring continuity
2014-07-31 02:17:24.370 Sending DT_OPEN
2014-07-31 02:17:24.370 Station: XX-2017
2014-07-31 02:17:24.370 Q330 Serial Number: 0100000DB18FC351
2014-07-31 02:17:24.370 AMB Serial Number: 0100000B6909DD82
2014-07-31 02:17:24.370 Seismo 1 Serial Number: 0000000000000000
2014-07-31 02:17:24.370 Seismo 2 Serial Number: 0000000000000000
2014-07-31 02:17:24.370 QAPCHP 1 Serial Number: 4643206
2014-07-31 02:17:24.370 QAPCHP 2 Serial Number: 3743050
2014-07-31 02:17:24.370 KMI Property Tag Number: 2017
2014-07-31 02:17:24.370 System Software Version: 1.146
2014-07-31 02:17:24.370 Slave Processor Version: 1.11
2014-07-31 02:17:24.370 Calibrator Type: QCAL330
2014-07-31 02:17:24.370 Calibrator Version: 1.8
2014-07-31 02:17:24.370 Auxiliary Board Type: None
2014-07-31 02:17:24.370 Clock Type: Motorola M12
2014-07-31 02:17:24.370 PLD Version: 7.9
2014-07-31 02:17:24.370 Total Hours: 67926.77
2014-07-31 02:17:24.370 Power On Hours: 32557.15
2014-07-31 02:17:24.370 Time of Last Boot: 2014-04-06 02:03:58
2014-07-31 02:17:24.370 Total Number of Boots: 120

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2014-07-31 02:17:24.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-31 02:17:24.370 Total Number of Re-Syncs: 213  
 2014-07-31 02:17:24.370 Status Inputs: 00000000  
 2014-07-31 02:17:24.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-07-31 02:17:24.370 Clock Quality: 100%  
 2014-07-31 02:17:24.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-31 02:17:24.370 Clock Phase: 0 usec. max allowed=50000  
 2014-07-31 02:17:24.370 Boom positions:  
 2014-07-31 02:17:24.370 ch1: -2 ch2: 7 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-07-31 02:17:24.370 Analog Status  
 2014-07-31 02:17:24.370 Analog Positive Supply: 5.46V  
 2014-07-31 02:17:24.370 Input Voltage: 13.35V  
 2014-07-31 02:17:24.370 System Temperature: 5C  
 2014-07-31 02:17:24.370 Main Current: 62ma  
 2014-07-31 02:17:24.370 Antenna Current: 0ma  
 2014-07-31 02:17:24.370 GPS Status  
 2014-07-31 02:17:24.370 Time: 02:17:23  
 2014-07-31 02:17:24.370 Date:  
 2014-07-31 02:17:24.370 Fix Type: 1-D  
 2014-07-31 02:17:24.370 Height:  
 2014-07-31 02:17:24.370 Latitude:  
 2014-07-31 02:17:24.370 Longitude:  
 2014-07-31 02:17:24.370 On Time: 0min  
 2014-07-31 02:17:24.370 Sat. Used: 0  
 2014-07-31 02:17:24.370 In View: 0  
 2014-07-31 02:17:24.370 Checksum Errors: 0  
 2014-07-31 02:17:24.370 Last GPS timemark: 2014-07-31 02:17:22  
 2014-07-31 02:17:24.370 PLL Status  
 2014-07-31 02:17:24.370 State: Lock  
 2014-07-31 02:17:24.370 Initial VCO: 2200.709961  
 2014-07-31 02:17:24.370 Time Error: 0.000000  
 2014-07-31 02:17:24.370 RMS VCO: 0.000000  
 2014-07-31 02:17:24.370 Best VCO: 2200.77  
 2014-07-31 02:17:24.370 Seconds Since Track or Lock: 0.0  
 2014-07-31 02:17:24.370 Vco Control: 2201  
 2014-07-31 02:17:24.370 timing mode: external seascan  
 2014-07-31 02:17:24.370 tempco normal  
 2014-07-31 02:17:24.370 PLL update: 10s PLL lock criterion: 5us  
 2014-07-31 02:17:24.370 Pfrac: 150.00  
 2014-07-31 02:17:24.370 VCO slope: -0.0175000  
 2014-07-31 02:17:24.370 VCO intercept: 7.1100001  
 2014-07-31 02:17:24.370 Km delta: 600.000000  
 2014-07-31 02:17:24.370 Logical Port 4 Status  
 2014-07-31 02:17:24.370 Data Packets Sent: 11250758  
 2014-07-31 02:17:24.370 Flood Packets Sent: 0  
 2014-07-31 02:17:24.370 Packets Re-Sent: 17293  
 2014-07-31 02:17:24.370 Sequence Errors: 0  
 2014-07-31 02:17:24.370 Packet Buffer Used: 22202892  
 2014-07-31 02:17:24.370 Physical Port: Ethernet  
 2014-07-31 02:17:24.370 Baler Model: 14 Software Version: 2.28  
 2014-07-31 02:17:24.370 MAC Address: 00:04:FB:00:02:EA  
 2014-07-31 02:17:24.370 Disk Size: 20000669696  
 2014-07-31 02:17:24.370 Percent of 1177 data files in use: 22.9  
 2014-07-31 02:17:24.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-31 02:17:24.370 Channel Sensitivities (uV per count):  
 2014-07-31 02:17:24.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-07-31 02:17:24.370 Digitizer Calibration Results:  
 2014-07-31 02:17:24.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-07-31 02:17:24.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-07-31 02:17:24.370 DMU1 Software Version=10  
 2014-07-31 02:17:24.370 Supply Voltage=12.7  
 2014-07-31 02:17:24.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-07-31 02:17:24.370 webLink Data Maps Restored

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2014-07-31 02:17:24.370 [2014-07-30 14:16:30.999998] sequence resumes: 9979900 to
9979900
2014-07-31 02:17:24.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-31 02:17:23
2014-07-31 02:21:12.640 Reducing Status Polling Interval
2014-07-31 02:21:12.640 [2014-07-31 00:00:00.000000] Saving Configuration to Backup
Memory
2014-07-31 02:22:48.870 [2014-07-31 02:18:31.000000] total packets received: 46898
2014-07-31 02:22:48.870 [2014-07-31 02:18:31.000000] command timeouts: 6
2014-07-31 02:22:48.870 [2014-07-31 02:18:31.000000] out of window: 62
2014-07-31 02:22:48.870 written: HHZ-1161 HH1-1352 HH2-1398 BDH-438 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-31 02:22:48.870 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-23 LDH-24
VMZ-2 VM1-2
2014-07-31 02:22:48.870 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-07-31 02:22:48.870 [2014-07-31 02:18:31.000000] Done: 4490 recs. seq end:
10023220. run: 320 s
2014-07-31 14:23:42.360
2014-07-31 14:23:42.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-07-31 14:23:42.360 Control Port 2491 Opened
2014-07-31 14:23:42.360 Baler ready on Ethernet
2014-07-31 14:23:42.360 Power Cycled Baler Acknowledged
2014-07-31 14:23:42.360 Commands Accepted by Q330
2014-07-31 14:23:42.360 Access timeout: 300 sec
2014-07-31 14:23:42.360 Control Port 4023 Opened
2014-07-31 14:23:42.360 Data Port 4024 Opened
2014-07-31 14:23:42.360 Registered with Q330
2014-07-31 14:23:42.360 Combination Record Received
2014-07-31 14:23:42.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-07-31 14:23:42.360 Link Reset, starting window sequence: 24165
2014-07-31 14:23:42.360 GPS Receiver ID Received
2014-07-31 14:23:42.360 Manufacturer's Data Received, Property Tag=2017
2014-07-31 14:23:42.360 Digitizer Gain & Offsets Received
2014-07-31 14:23:42.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4490 recs.
seq end: 10023220
2014-07-31 14:23:42.360 Baler clock set to 2014-07-31 14:23:41
2014-07-31 14:23:42.360 Starting to Read DP Tokens
2014-07-31 14:23:42.360 DP Tokens loaded, size=1474 bytes
2014-07-31 14:23:42.360 Webserver advertising 192.168.200.119:5380
2014-07-31 14:23:42.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-07-31 14:23:42.360 filters & delay HH1:2@100,Linear all=0.320000
2014-07-31 14:23:42.360 filters & delay HH2:3@100,Linear all=0.320000
2014-07-31 14:23:42.360 filters & delay BDH:4@20,Linear all=1.650000
2014-07-31 14:23:42.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-07-31 14:23:42.360 filters & delay LH1:2@1,Linear all=15.000000
2014-07-31 14:23:42.360 filters & delay LH2:3@1,Linear all=15.000000
2014-07-31 14:23:42.360 filters & delay LDH:4@1,Linear all=15.000000
2014-07-31 14:23:42.360 [2014-07-31 02:18:31.000000] continuity found: 10023220
460088311.000000 Q=100
2014-07-31 14:23:42.360 [2014-07-31 02:18:31.000000] restoring continuity
2014-07-31 14:23:42.360 Sending DT_OPEN
2014-07-31 14:23:42.360 Station: XX-2017
2014-07-31 14:23:42.360 Q330 Serial Number: 0100000DB18FC351
2014-07-31 14:23:42.360 AMB Serial Number: 0100000B6909DD82
2014-07-31 14:23:42.360 Seismo 1 Serial Number: 0000000000000000
2014-07-31 14:23:42.360 Seismo 2 Serial Number: 0000000000000000
2014-07-31 14:23:42.360 QAPCHP 1 Serial Number: 4643206
2014-07-31 14:23:42.360 QAPCHP 2 Serial Number: 3743050
2014-07-31 14:23:42.360 KMI Property Tag Number: 2017
2014-07-31 14:23:42.360 System Software Version: 1.146
2014-07-31 14:23:42.360 Slave Processor Version: 1.11
2014-07-31 14:23:42.360 Calibrator Type: QCAL330
2014-07-31 14:23:42.360 Calibrator Version: 1.8

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2014-07-31 14:23:42.360 Auxiliary Board Type: None  
 2014-07-31 14:23:42.360 Clock Type: Motorola M12  
 2014-07-31 14:23:42.360 PLD Version: 7.9  
 2014-07-31 14:23:42.360 Total Hours: 67938.87  
 2014-07-31 14:23:42.360 Power On Hours: 32569.26  
 2014-07-31 14:23:42.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-07-31 14:23:42.360 Total Number of Boots: 120  
 2014-07-31 14:23:42.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-07-31 14:23:42.360 Total Number of Re-Syncs: 213  
 2014-07-31 14:23:42.360 Status Inputs: 00000000  
 2014-07-31 14:23:42.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-07-31 14:23:42.360 Clock Quality: 100%  
 2014-07-31 14:23:42.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-07-31 14:23:42.360 Clock Phase: 0 usec. max allowed=50000  
 2014-07-31 14:23:42.360 Boom positions:  
 2014-07-31 14:23:42.360 ch1: -3 ch2: 8 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-07-31 14:23:42.360 Analog Status  
 2014-07-31 14:23:42.360 Analog Positive Supply: 5.46V  
 2014-07-31 14:23:42.360 Input Voltage: 13.35V  
 2014-07-31 14:23:42.360 System Temperature: 5C  
 2014-07-31 14:23:42.360 Main Current: 62ma  
 2014-07-31 14:23:42.360 Antenna Current: 0ma  
 2014-07-31 14:23:42.360 GPS Status  
 2014-07-31 14:23:42.360 Time: 14:23:41  
 2014-07-31 14:23:42.360 Date:  
 2014-07-31 14:23:42.360 Fix Type: 1-D  
 2014-07-31 14:23:42.360 Height:  
 2014-07-31 14:23:42.360 Latitude:  
 2014-07-31 14:23:42.360 Longitude:  
 2014-07-31 14:23:42.360 On Time: 0min  
 2014-07-31 14:23:42.360 Sat. Used: 0  
 2014-07-31 14:23:42.360 In View: 0  
 2014-07-31 14:23:42.360 Checksum Errors: 0  
 2014-07-31 14:23:42.360 Last GPS timemark: 2014-07-31 14:23:40  
 2014-07-31 14:23:42.360 PLL Status  
 2014-07-31 14:23:42.360 State: Lock  
 2014-07-31 14:23:42.360 Initial VCO: 2200.501221  
 2014-07-31 14:23:42.360 Time Error: 0.000002  
 2014-07-31 14:23:42.360 RMS VCO: 0.0000000  
 2014-07-31 14:23:42.360 Best VCO: 2200.13  
 2014-07-31 14:23:42.360 Seconds Since Track or Lock: 0.0  
 2014-07-31 14:23:42.360 Vco Control: 2200  
 2014-07-31 14:23:42.360 timing mode: external seascan  
 2014-07-31 14:23:42.360 tempco normal  
 2014-07-31 14:23:42.360 PLL update: 10s PLL lock criterion: 5us  
 2014-07-31 14:23:42.360 Pfrac: 150.00  
 2014-07-31 14:23:42.360 VCO slope: -0.0175000  
 2014-07-31 14:23:42.360 VCO intercept: 7.1100001  
 2014-07-31 14:23:42.360 km delta: 600.0000000  
 2014-07-31 14:23:42.360 Logical Port 4 Status  
 2014-07-31 14:23:42.360 Data Packets Sent: 11297550  
 2014-07-31 14:23:42.360 Flood Packets Sent: 0  
 2014-07-31 14:23:42.360 Packets Re-Sent: 17375  
 2014-07-31 14:23:42.360 Sequence Errors: 0  
 2014-07-31 14:23:42.360 Packet Buffer Used: 22748692  
 2014-07-31 14:23:42.360 Physical Port: Ethernet  
 2014-07-31 14:23:42.360 Baler Model: 14 Software Version: 2.28  
 2014-07-31 14:23:42.360 MAC Address: 00:04:FB:00:02:EA  
 2014-07-31 14:23:42.360 Disk Size: 20000669696  
 2014-07-31 14:23:42.360 Percent of 1177 data files in use: 22.9  
 2014-07-31 14:23:42.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-07-31 14:23:42.360 Channel sensitivities (uV per count):  
 2014-07-31 14:23:42.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2014-07-31 14:23:42.360 Digitizer Calibration Results:
2014-07-31 14:23:42.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-07-31 14:23:42.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-07-31 14:23:42.360 DMU1 Software Version=10
2014-07-31 14:23:42.360 Supply Voltage=12.7
2014-07-31 14:23:42.360 Supply Current=0.41
2014-07-31 14:23:42.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-07-31 14:23:42.360 WebLink Data Maps Restored
2014-07-31 14:23:42.360 [2014-07-31 02:18:31.000000] sequence resumes overlapping:
10023220 to 10023219
2014-07-31 14:23:42.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-07-31 14:23:41
2014-07-31 14:29:23.400 Reducing Status Polling Interval
2014-07-31 14:29:23.400 [2014-07-31 14:29:21.999998] total packets received: 50917
2014-07-31 14:29:23.400 [2014-07-31 14:29:21.999998] command timeouts: 6
2014-07-31 14:29:23.400 [2014-07-31 14:29:21.999998] out of window: 72
2014-07-31 14:29:23.400 written: HHZ-1180 HH1-1397 HH2-1487 BDH-440 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-07-31 14:29:23.400 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-25
VMZ-2 VM1-2
2014-07-31 14:29:23.400 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2
2014-07-31 14:29:23.400 [2014-07-31 14:29:21.999998] Done: 4650 recs. seq end:
10067071. run: 336 s
2014-08-01 02:30:16.400
2014-08-01 02:30:16.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-01 02:30:16.400 Control Port 2491 Opened
2014-08-01 02:30:16.400 Baler ready on Ethernet
2014-08-01 02:30:16.400 Power Cycled Baler Acknowledged
2014-08-01 02:30:16.400 Commands Accepted by Q330
2014-08-01 02:30:16.400 Access timeout: 300 sec
2014-08-01 02:30:16.400 Control Port 4023 Opened
2014-08-01 02:30:16.400 Data Port 4024 Opened
2014-08-01 02:30:16.400 Registered with Q330
2014-08-01 02:30:16.400 Combination Record Received
2014-08-01 02:30:16.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-01 02:30:16.400 Link Reset, starting window sequence: 9438
2014-08-01 02:30:16.400 GPS Receiver ID Received
2014-08-01 02:30:16.400 Manufacturer's Data Received, Property Tag=2017
2014-08-01 02:30:16.400 Digitizer Gain & Offsets Received
2014-08-01 02:30:16.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4650 recs.
seq end: 10067071
2014-08-01 02:30:16.400 Baler clock set to 2014-08-01 02:30:15
2014-08-01 02:30:16.400 Starting to Read DP Tokens
2014-08-01 02:30:16.400 DP Tokens loaded, size=1474 bytes
2014-08-01 02:30:16.400 Webserver advertising 192.168.200.119:5380
2014-08-01 02:30:16.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-01 02:30:16.400 filters & delay HH1:2@100,Linear all=0.320000
2014-08-01 02:30:16.400 filters & delay HH2:3@100,Linear all=0.320000
2014-08-01 02:30:16.400 filters & delay BDH:4@20,Linear all=1.650000
2014-08-01 02:30:16.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-01 02:30:16.400 filters & delay LH1:2@1,Linear all=15.000000
2014-08-01 02:30:16.400 filters & delay LH2:3@1,Linear all=15.000000
2014-08-01 02:30:16.400 filters & delay LDH:4@1,Linear all=15.000000
2014-08-01 02:30:16.400 [2014-07-31 14:29:21.999998] continuity found: 10067071
460132162.000000 Q=100
2014-08-01 02:30:16.400 [2014-07-31 14:29:21.999998] restoring continuity
2014-08-01 02:30:16.400 Sending DT_OPEN
2014-08-01 02:30:16.400 Station: XX-2017
2014-08-01 02:30:16.400 Q330 Serial Number: 0100000DB18FC351
2014-08-01 02:30:16.400 AMB Serial Number: 0100000B6909DD82
2014-08-01 02:30:16.400 Seismo 1 Serial Number: 0000000000000000
2014-08-01 02:30:16.400 Seismo 2 Serial Number: 0000000000000000
2014-08-01 02:30:16.400 QAPCHP 1 Serial Number: 4643206

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2014-08-01 02:30:16.400 QAPCHP 2 Serial Number: 3743050  
 2014-08-01 02:30:16.400 KMI Property Tag Number: 2017  
 2014-08-01 02:30:16.400 System Software Version: 1.146  
 2014-08-01 02:30:16.400 Slave Processor Version: 1.11  
 2014-08-01 02:30:16.400 Calibrator Type: QCAL330  
 2014-08-01 02:30:16.400 Calibrator Version: 1.8  
 2014-08-01 02:30:16.400 Auxiliary Board Type: None  
 2014-08-01 02:30:16.400 Clock Type: Motorola M12  
 2014-08-01 02:30:16.400 PLD Version: 7.9  
 2014-08-01 02:30:16.400 Total Hours: 67950.98  
 2014-08-01 02:30:16.400 Power On Hours: 32581.37  
 2014-08-01 02:30:16.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-01 02:30:16.400 Total Number of Boots: 120  
 2014-08-01 02:30:16.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-01 02:30:16.400 Total Number of Re-Syncs: 213  
 2014-08-01 02:30:16.400 Status Inputs: 00000000  
 2014-08-01 02:30:16.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-01 02:30:16.400 Clock Quality: 100%  
 2014-08-01 02:30:16.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-01 02:30:16.400 Clock Phase: 0 usec. max allowed=50000  
 2014-08-01 02:30:16.400 ch1: -3 ch2: 8 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-08-01 02:30:16.400 Analog Status  
 2014-08-01 02:30:16.400 Analog Positive Supply: 5.46V  
 2014-08-01 02:30:16.400 Input Voltage: 13.20V  
 2014-08-01 02:30:16.400 System Temperature: 5C  
 2014-08-01 02:30:16.400 Main Current: 62ma  
 2014-08-01 02:30:16.400 Antenna Current: 0ma  
 2014-08-01 02:30:16.400 GPS Status  
 2014-08-01 02:30:16.400 Time: 02:30:15  
 2014-08-01 02:30:16.400 Date:  
 2014-08-01 02:30:16.400 Fix Type: 1-D  
 2014-08-01 02:30:16.400 Height:  
 2014-08-01 02:30:16.400 Latitude:  
 2014-08-01 02:30:16.400 Longitude:  
 2014-08-01 02:30:16.400 On Time: 0min  
 2014-08-01 02:30:16.400 Sat. Used: 0  
 2014-08-01 02:30:16.400 In View: 0  
 2014-08-01 02:30:16.400 Checksum Errors: 0  
 2014-08-01 02:30:16.400 Last GPS timemark: 2014-08-01 02:30:14  
 2014-08-01 02:30:16.400 PLL Status  
 2014-08-01 02:30:16.400 State: Lock  
 2014-08-01 02:30:16.400 Initial VCO: 2201.504883  
 2014-08-01 02:30:16.400 Time Error: 0.000000  
 2014-08-01 02:30:16.400 RMS VCO: 0.000000  
 2014-08-01 02:30:16.400 Best VCO: 2201.52  
 2014-08-01 02:30:16.400 Seconds Since Track or Lock: 0.0  
 2014-08-01 02:30:16.400 Vco Control: 2202  
 2014-08-01 02:30:16.400 timing mode: external seascan  
 2014-08-01 02:30:16.400 tempco normal  
 2014-08-01 02:30:16.400 PLL update: 10s PLL lock criterion: 5us  
 2014-08-01 02:30:16.400 Pfrac: 150.00  
 2014-08-01 02:30:16.400 VCO slope: -0.0175000  
 2014-08-01 02:30:16.400 VCO intercept: 7.1100001  
 2014-08-01 02:30:16.400 Km delta: 600.0000000  
 2014-08-01 02:30:16.400 Logical Port 4 Status  
 2014-08-01 02:30:16.400 Data Packets Sent: 11348364  
 2014-08-01 02:30:16.400 Flood Packets Sent: 0  
 2014-08-01 02:30:16.400 Packets Re-Sent: 17460  
 2014-08-01 02:30:16.400 Sequence Errors: 0  
 2014-08-01 02:30:16.400 Packet Buffer Used: 22731368  
 2014-08-01 02:30:16.400 Physical Port: Ethernet  
 2014-08-01 02:30:16.400 Baler Model: 14 Software Version: 2.28  
 2014-08-01 02:30:16.400 MAC Address: 00:04:FB:00:02:EA

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2014-08-01 02:30:16.400 Disk Size: 20000669696  
 2014-08-01 02:30:16.400 Percent of 1177 data files in use: 23.0  
 2014-08-01 02:30:16.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-01 02:30:16.400 Channel Sensitivities (uV per count):  
 2014-08-01 02:30:16.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-01 02:30:16.400 Digitizer Calibration Results:  
 2014-08-01 02:30:16.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-01 02:30:16.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-01 02:30:16.400 DMU1 Software Version=10  
 2014-08-01 02:30:16.400 Supply Voltage=12.7  
 2014-08-01 02:30:16.400 Supply Current=0.41  
 2014-08-01 02:30:16.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-01 02:30:16.400 webLink Data Maps Restored  
 2014-08-01 02:30:16.400 [2014-07-31 14:29:21.999998] sequence resumes: 10067071 to 10067071  
 2014-08-01 02:30:16.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-01 02:30:15  
 2014-08-01 02:34:41.470 [2014-08-01 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-08-01 02:35:54.360 Reducing Status Polling Interval  
 2014-08-01 02:35:54.360 [2014-08-01 02:35:52.999998] total packets received: 52040  
 2014-08-01 02:35:54.360 [2014-08-01 02:35:52.999998] command timeouts: 6  
 2014-08-01 02:35:54.360 [2014-08-01 02:35:52.999998] out of window: 66  
 2014-08-01 02:35:54.360 written: HHZ-1231 HH1-1399 HH2-1442 BDH-433 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-08-01 02:35:54.360 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-08-01 02:35:54.360 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-08-01 02:35:54.360 [2014-08-01 02:35:52.999998] Done: 4639 recs. seq end: 10110662. run: 333 s  
 2014-08-01 14:36:46.310  
 2014-08-01 14:36:46.310 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-01 14:36:46.310 Control Port 2491 Opened  
 2014-08-01 14:36:46.310 Baler ready on Ethernet  
 2014-08-01 14:36:46.310 Power Cycled Baler Acknowledged  
 2014-08-01 14:36:46.310 Commands Accepted by Q330  
 2014-08-01 14:36:46.310 Access timeout: 300 sec  
 2014-08-01 14:36:46.310 Control Port 4023 Opened  
 2014-08-01 14:36:46.310 Data Port 4024 Opened  
 2014-08-01 14:36:46.310 Registered with Q330  
 2014-08-01 14:36:46.310 Combination Record Received  
 2014-08-01 14:36:46.310 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-01 14:36:46.310 Link Reset, starting window sequence: 61376  
 2014-08-01 14:36:46.310 GPS Receiver ID Received  
 2014-08-01 14:36:46.310 Manufacturer's Data Received, Property Tag=2017  
 2014-08-01 14:36:46.310 Digitizer Gain & Offsets Received  
 2014-08-01 14:36:46.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4639 recs. seq end: 10110662  
 2014-08-01 14:36:46.310 Baler clock set to 2014-08-01 14:36:45  
 2014-08-01 14:36:46.310 Starting to Read DP Tokens  
 2014-08-01 14:36:46.310 DP Tokens loaded, size=1474 bytes  
 2014-08-01 14:36:46.310 webserver advertising 192.168.200.119:5380  
 2014-08-01 14:36:46.310 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-01 14:36:46.310 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-01 14:36:46.310 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-01 14:36:46.310 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-01 14:36:46.310 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-01 14:36:46.310 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-01 14:36:46.310 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-01 14:36:46.310 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-01 14:36:46.310 [2014-08-01 02:35:52.999998] continuity found: 10110662  
 460175753.000000 q=100  
 2014-08-01 14:36:46.310 [2014-08-01 02:35:52.999998] restoring continuity



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2014-08-01 14:36:46.310 Sending DT\_OPEN  
 2014-08-01 14:36:46.310 Station: XX-2017  
 2014-08-01 14:36:46.310 Q330 Serial Number: 0100000DB18FC351  
 2014-08-01 14:36:46.310 AMB Serial Number: 0100000B6909DD82  
 2014-08-01 14:36:46.310 Seismo 1 Serial Number: 0000000000000000  
 2014-08-01 14:36:46.310 Seismo 2 Serial Number: 0000000000000000  
 2014-08-01 14:36:46.310 QAPCHP 1 Serial Number: 4643206  
 2014-08-01 14:36:46.310 QAPCHP 2 Serial Number: 3743050  
 2014-08-01 14:36:46.310 KMI Property Tag Number: 2017  
 2014-08-01 14:36:46.310 System Software Version: 1.146  
 2014-08-01 14:36:46.310 Slave Processor Version: 1.11  
 2014-08-01 14:36:46.310 Calibrator Type: QCAL330  
 2014-08-01 14:36:46.310 Calibrator Version: 1.8  
 2014-08-01 14:36:46.310 Auxiliary Board Type: None  
 2014-08-01 14:36:46.310 Clock Type: Motorola M12  
 2014-08-01 14:36:46.310 PLD Version: 7.9  
 2014-08-01 14:36:46.310 Total Hours: 67963.09  
 2014-08-01 14:36:46.310 Power On Hours: 32593.48  
 2014-08-01 14:36:46.310 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-01 14:36:46.310 Total Number of Boots: 120  
 2014-08-01 14:36:46.310 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-01 14:36:46.310 Total Number of Re-Syncs: 213  
 2014-08-01 14:36:46.310 Status Inputs: 00000000  
 2014-08-01 14:36:46.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-01 14:36:46.310 Clock Quality: 100%  
 2014-08-01 14:36:46.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-01 14:36:46.310 Clock Phase: 0 usec. max allowed=50000  
 2014-08-01 14:36:46.310 Boom positions:  
 2014-08-01 14:36:46.310 Ch1: -3 Ch2: 8 Ch3: 10 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-08-01 14:36:46.310 Analog Status  
 2014-08-01 14:36:46.310 Analog Positive Supply: 5.46V  
 2014-08-01 14:36:46.310 Input Voltage: 13.20V  
 2014-08-01 14:36:46.310 System Temperature: 5C  
 2014-08-01 14:36:46.310 Main Current: 62ma  
 2014-08-01 14:36:46.310 Antenna Current: 0ma  
 2014-08-01 14:36:46.310 GPS Status  
 2014-08-01 14:36:46.310 Time: 14:36:45  
 2014-08-01 14:36:46.310 Date:  
 2014-08-01 14:36:46.310 Fix Type: 1-D  
 2014-08-01 14:36:46.310 Height:  
 2014-08-01 14:36:46.310 Latitude:  
 2014-08-01 14:36:46.310 Longitude:  
 2014-08-01 14:36:46.310 On Time: 0min  
 2014-08-01 14:36:46.310 Sat. Used: 0  
 2014-08-01 14:36:46.310 In View: 0  
 2014-08-01 14:36:46.310 Checksum Errors: 0  
 2014-08-01 14:36:46.310 Last GPS timemark: 2014-08-01 14:36:44  
 2014-08-01 14:36:46.310 PLL Status  
 2014-08-01 14:36:46.310 State: Lock  
 2014-08-01 14:36:46.310 Initial VCO: 2201.364990  
 2014-08-01 14:36:46.310 Time Error: 0.000000  
 2014-08-01 14:36:46.310 RMS VCO: 0.0000000  
 2014-08-01 14:36:46.310 Best VCO: 2201.35  
 2014-08-01 14:36:46.310 Seconds Since Track or Lock: 0.0  
 2014-08-01 14:36:46.310 Vco Control: 2201  
 2014-08-01 14:36:46.310 timing mode: external seascan  
 2014-08-01 14:36:46.310 tempco normal  
 2014-08-01 14:36:46.310 PLL update: 10s PLL lock criterion: 5us  
 2014-08-01 14:36:46.310 Pfrac: 150.00  
 2014-08-01 14:36:46.310 VCO slope: -0.0175000  
 2014-08-01 14:36:46.310 VCO intercept: 7.1100001  
 2014-08-01 14:36:46.310 km delta: 600.0000000  
 2014-08-01 14:36:46.310 Logical Port 4 Status

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2014-08-01 14:36:46.310 Data Packets Sent: 11400307  
 2014-08-01 14:36:46.310 Flood Packets Sent: 0  
 2014-08-01 14:36:46.310 Packets Re-Sent: 17540  
 2014-08-01 14:36:46.310 Sequence Errors: 0  
 2014-08-01 14:36:46.310 Packet Buffer Used: 21166400  
 2014-08-01 14:36:46.310 Physical Port: Ethernet  
 2014-08-01 14:36:46.310 Baler Model: 14 Software Version: 2.28  
 2014-08-01 14:36:46.310 MAC Address: 00:04:FB:00:02:EA  
 2014-08-01 14:36:46.310 Disk Size: 20000669696  
 2014-08-01 14:36:46.310 Percent of 1177 data files in use: 23.2  
 2014-08-01 14:36:46.310 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-01 14:36:46.310 Channel Sensitivities (uV per count):  
 2014-08-01 14:36:46.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-01 14:36:46.310 Digitizer Calibration Results:  
 2014-08-01 14:36:46.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-01 14:36:46.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-01 14:36:46.310 DMU1 Software Version=10  
 2014-08-01 14:36:46.310 Supply Voltage=12.7  
 2014-08-01 14:36:46.310 Supply Current=0.41  
 2014-08-01 14:36:46.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-01 14:36:46.310 WebLink Data Maps Restored  
 2014-08-01 14:36:46.310 [2014-08-01 02:35:52.999998] sequence resumes: 10110662 to 10110662  
 2014-08-01 14:36:46.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-01 14:36:45  
 2014-08-01 14:42:14.770 Reducing Status Polling Interval  
 2014-08-01 14:42:14.770 [2014-08-01 14:42:14.000000] total packets received: 43952  
 2014-08-01 14:42:14.770 [2014-08-01 14:42:14.000000] command timeouts: 6  
 2014-08-01 14:42:14.770 [2014-08-01 14:42:14.000000] out of window: 75  
 2014-08-01 14:42:14.770 written: HHZ-1111 HH1-1251 HH2-1337 BDH-429 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-08-01 14:42:14.770 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-23 LDH-24  
 VMZ-2 VM1-2  
 2014-08-01 14:42:14.770 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-01 14:42:14.770 [2014-08-01 14:42:14.000000] Done: 4267 recs. seq end: 10154243. run: 323 s  
 2014-08-02 02:43:06.340  
 2014-08-02 02:43:06.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-02 02:43:06.340 Control Port 2491 Opened  
 2014-08-02 02:43:06.340 Baler ready on Ethernet  
 2014-08-02 02:43:06.340 Power Cycled Baler Acknowledged  
 2014-08-02 02:43:06.340 Commands Accepted by Q330  
 2014-08-02 02:43:06.340 Access timeout: 300 sec  
 2014-08-02 02:43:06.340 Control Port 4023 Opened  
 2014-08-02 02:43:06.340 Data Port 4024 Opened  
 2014-08-02 02:43:06.340 Registered with Q330  
 2014-08-02 02:43:06.340 Combination Record Received  
 2014-08-02 02:43:06.340 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-02 02:43:06.340 Link Reset, starting window sequence: 39682  
 2014-08-02 02:43:06.340 GPS Receiver ID Received  
 2014-08-02 02:43:06.340 Manufacturer's Data Received, Property Tag=2017  
 2014-08-02 02:43:06.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4267 recs. seq end: 10154243  
 2014-08-02 02:43:06.340 Baler clock set to 2014-08-02 02:43:05  
 2014-08-02 02:43:06.340 Starting to Read DP Tokens  
 2014-08-02 02:43:06.340 DP Tokens loaded, size=1474 bytes  
 2014-08-02 02:43:06.340 webserver advertising 192.168.200.119:5380  
 2014-08-02 02:43:06.340 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-02 02:43:06.340 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-02 02:43:06.340 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-02 02:43:06.340 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-02 02:43:06.340 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-02 02:43:06.340 filters & delay LH1:2@1,Linear all=15.000000

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2014-08-02 02:43:06.340 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-02 02:43:06.340 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-02 02:43:06.340 [2014-08-01 14:42:14.000000] continuity found: 10154243  
 460219334.000000 Q=100  
 2014-08-02 02:43:06.340 [2014-08-01 14:42:14.000000] restoring continuity  
 2014-08-02 02:43:06.340 Sending DT\_OPEN  
 2014-08-02 02:43:06.340 Station: XX-2017  
 2014-08-02 02:43:06.340 Q330 Serial Number: 0100000DB18FC351  
 2014-08-02 02:43:06.340 AMB Serial Number: 0100000B6909DD82  
 2014-08-02 02:43:06.340 Seismo 1 Serial Number: 0000000000000000  
 2014-08-02 02:43:06.340 Seismo 2 Serial Number: 0000000000000000  
 2014-08-02 02:43:06.340 QAPCHP 1 Serial Number: 4643206  
 2014-08-02 02:43:06.340 QAPCHP 2 Serial Number: 3743050  
 2014-08-02 02:43:06.340 KMI Property Tag Number: 2017  
 2014-08-02 02:43:06.340 System Software Version: 1.146  
 2014-08-02 02:43:06.340 Slave Processor Version: 1.11  
 2014-08-02 02:43:06.340 Calibrator Type: QCAL330  
 2014-08-02 02:43:06.340 Calibrator Version: 1.8  
 2014-08-02 02:43:06.340 Auxiliary Board Type: None  
 2014-08-02 02:43:06.340 Clock Type: Motorola M12  
 2014-08-02 02:43:06.340 PLD Version: 7.9  
 2014-08-02 02:43:06.340 Total Hours: 67975.20  
 2014-08-02 02:43:06.340 Power On Hours: 32605.58  
 2014-08-02 02:43:06.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-02 02:43:06.340 Total Number of Boots: 120  
 2014-08-02 02:43:06.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-02 02:43:06.340 Total Number of Re-Syncs: 213  
 2014-08-02 02:43:06.340 Status Inputs: 00000000  
 2014-08-02 02:43:06.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-02 02:43:06.340 Clock Quality: 100%  
 2014-08-02 02:43:06.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-02 02:43:06.340 Clock Phase: 0 usec. max allowed=50000  
 2014-08-02 02:43:06.340 Boom positions:  
 2014-08-02 02:43:06.340 ch1: -3 ch2: 8 ch3: 12 ch4: 20 ch5: 20 ch6: 20  
 2014-08-02 02:43:06.340 Analog Status  
 2014-08-02 02:43:06.340 Analog Positive Supply: 5.46V  
 2014-08-02 02:43:06.340 Input Voltage: 13.20V  
 2014-08-02 02:43:06.340 System Temperature: 5C  
 2014-08-02 02:43:06.340 Main Current: 61ma  
 2014-08-02 02:43:06.340 Antenna Current: 0ma  
 2014-08-02 02:43:06.340 GPS Status  
 2014-08-02 02:43:06.340 Time: 02:43:05  
 2014-08-02 02:43:06.340 Date:  
 2014-08-02 02:43:06.340 Fix Type: 1-D  
 2014-08-02 02:43:06.340 Height:  
 2014-08-02 02:43:06.340 Latitude:  
 2014-08-02 02:43:06.340 Longitude:  
 2014-08-02 02:43:06.340 On Time: 0min  
 2014-08-02 02:43:06.340 Sat. Used: 0  
 2014-08-02 02:43:06.340 In View: 0  
 2014-08-02 02:43:06.340 Checksum Errors: 0  
 2014-08-02 02:43:06.340 Last GPS timemark: 2014-08-02 02:43:04  
 2014-08-02 02:43:06.340 PLL Status  
 2014-08-02 02:43:06.340 State: Lock  
 2014-08-02 02:43:06.340 Initial VCO: 2201.421387  
 2014-08-02 02:43:06.340 Time Error: 0.000000  
 2014-08-02 02:43:06.340 RMS VCO: 0.0000000  
 2014-08-02 02:43:06.340 Best VCO: 2201.33  
 2014-08-02 02:43:06.340 Seconds Since Track or Lock: 0.0  
 2014-08-02 02:43:06.340 Vco Control: 2201  
 2014-08-02 02:43:06.340 timing mode: external seascan  
 2014-08-02 02:43:06.340 tempco normal  
 2014-08-02 02:43:06.340 PLL update: 10s PLL lock criterion: 5us

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2014-08-02 02:43:06.340 Pfrac: 150.00
2014-08-02 02:43:06.340 VCO slope: -0.0175000
2014-08-02 02:43:06.340 VCO intercept: 7.1100001
2014-08-02 02:43:06.340 km delta: 600.0000000
2014-08-02 02:43:06.340 Logical Port 4 Status
2014-08-02 02:43:06.340 Data Packets Sent: 11444154
2014-08-02 02:43:06.340 Flood Packets Sent: 0
2014-08-02 02:43:06.340 Packets Re-Sent: 17627
2014-08-02 02:43:06.340 Sequence Errors: 0
2014-08-02 02:43:06.340 Packet Buffer Used: 22032900
2014-08-02 02:43:06.340 Physical Port: Ethernet
2014-08-02 02:43:06.340 Baler Model: 14 Software Version: 2.28
2014-08-02 02:43:06.340 MAC Address: 00:04:FB:00:02:EA
2014-08-02 02:43:06.340 Disk Size: 20000669696
2014-08-02 02:43:06.340 Percent of 1177 data files in use: 23.3
2014-08-02 02:43:06.340 Channels Enabled: 1234 Preamps ON channels:
2014-08-02 02:43:06.340 Channel Sensitivities (uV per count):
2014-08-02 02:43:06.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-02 02:43:06.340 Digitizer Calibration Results:
2014-08-02 02:43:06.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-02 02:43:06.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-02 02:43:06.340 DMU1 Software Version=10
2014-08-02 02:43:06.340 Supply Voltage=12.8
2014-08-02 02:43:06.340 Supply Current=0.40
2014-08-02 02:43:06.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-02 02:43:06.340 webLink Data Maps Restored
2014-08-02 02:43:06.340 [2014-08-01 14:42:14.000000] sequence resumes: 10154243 to
10154243
2014-08-02 02:43:06.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-02 02:43:05
2014-08-02 02:47:20.810 [2014-08-02 00:00:00.000000] saving Configuration to Backup
Memory
2014-08-02 02:48:34.630 Reducing Status Polling Interval
2014-08-02 02:48:34.630 [2014-08-02 02:48:33.999998] total packets received: 48662
2014-08-02 02:48:34.630 [2014-08-02 02:48:33.999998] command timeouts: 6
2014-08-02 02:48:34.630 [2014-08-02 02:48:33.999998] out of window: 60
2014-08-02 02:48:34.630 written: HHZ-1142 HH1-1326 HH2-1434 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-02 02:48:34.630 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-23 LDH-24
VMZ-2 VM1-2
2014-08-02 02:48:34.630 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-02 02:48:34.630 [2014-08-02 02:48:33.999998] Done: 4479 recs. seq end:
10197823. run: 324 s
2014-08-02 14:49:27.420
2014-08-02 14:49:27.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-02 14:49:27.420 Control Port 2491 Opened
2014-08-02 14:49:27.420 Baler ready on Ethernet
2014-08-02 14:49:27.420 Power Cycled Baler Acknowledged
2014-08-02 14:49:27.420 Commands Accepted by Q330
2014-08-02 14:49:27.420 Access timeout: 300 sec
2014-08-02 14:49:27.420 Control Port 4023 Opened
2014-08-02 14:49:27.420 Data Port 4024 Opened
2014-08-02 14:49:27.420 Registered with Q330
2014-08-02 14:49:27.420 Combination Record Received
2014-08-02 14:49:27.420 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-02 14:49:27.420 Link Reset, starting window sequence: 22713
2014-08-02 14:49:27.420 GPS Receiver ID Received
2014-08-02 14:49:27.420 Manufacturer's Data Received, Property Tag=2017
2014-08-02 14:49:27.420 Digitizer Gain & Offsets Received
2014-08-02 14:49:27.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4479 recs.
seq end: 10197823
2014-08-02 14:49:27.420 Baler clock set to 2014-08-02 14:49:26
2014-08-02 14:49:27.420 Starting to Read DP Tokens

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2014-08-02 14:49:27.420 DP Tokens loaded, size=1474 bytes
2014-08-02 14:49:27.420 Webserver advertising 192.168.200.119:5380
2014-08-02 14:49:27.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-02 14:49:27.420 filters & delay HH1:2@100,Linear all=0.320000
2014-08-02 14:49:27.420 filters & delay HH2:3@100,Linear all=0.320000
2014-08-02 14:49:27.420 filters & delay BDH:4@20,Linear all=1.650000
2014-08-02 14:49:27.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-02 14:49:27.420 filters & delay LH1:2@1,Linear all=15.000000
2014-08-02 14:49:27.420 filters & delay LH2:3@1,Linear all=15.000000
2014-08-02 14:49:27.420 filters & delay LDH:4@1,Linear all=15.000000
2014-08-02 14:49:27.420 [2014-08-02 02:48:33.999998] continuity found: 10197823
460262914.000000 Q=100
2014-08-02 14:49:27.420 [2014-08-02 02:48:33.999998] restoring continuity
2014-08-02 14:49:27.420 Sending DT_OPEN
2014-08-02 14:49:27.420 Station: XX-2017
2014-08-02 14:49:27.420 Q330 Serial Number: 0100000DB18FC351
2014-08-02 14:49:27.420 AMB Serial Number: 0100000B6909DD82
2014-08-02 14:49:27.420 Seismo 1 Serial Number: 0000000000000000
2014-08-02 14:49:27.420 Seismo 2 Serial Number: 0000000000000000
2014-08-02 14:49:27.420 QAPCHP 1 Serial Number: 4643206
2014-08-02 14:49:27.420 QAPCHP 2 Serial Number: 3743050
2014-08-02 14:49:27.420 KMI Property Tag Number: 2017
2014-08-02 14:49:27.420 System Software Version: 1.146
2014-08-02 14:49:27.420 Slave Processor Version: 1.11
2014-08-02 14:49:27.420 Calibrator Type: QCAL330
2014-08-02 14:49:27.420 Calibrator Version: 1.8
2014-08-02 14:49:27.420 Auxiliary Board Type: None
2014-08-02 14:49:27.420 Clock Type: Motorola M12
2014-08-02 14:49:27.420 PLD Version: 7.9
2014-08-02 14:49:27.420 Total Hours: 67987.30
2014-08-02 14:49:27.420 Power On Hours: 32617.69
2014-08-02 14:49:27.420 Time of Last Boot: 2014-04-06 02:03:58
2014-08-02 14:49:27.420 Total Number of Boots: 120
2014-08-02 14:49:27.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-02 14:49:27.420 Total Number of Re-Syncs: 213
2014-08-02 14:49:27.420 Status Inputs: 00000000
2014-08-02 14:49:27.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-02 14:49:27.420 Clock Quality: 100%
2014-08-02 14:49:27.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-02 14:49:27.420 Clock Phase: 0 usec. max allowed=50000
2014-08-02 14:49:27.420 Boom positions:
2014-08-02 14:49:27.420 Ch1: -3 Ch2: 7 Ch3: 15 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-02 14:49:27.420 Analog Status
2014-08-02 14:49:27.420 Analog Positive Supply: 5.46V
2014-08-02 14:49:27.420 Input Voltage: 13.20V
2014-08-02 14:49:27.420 System Temperature: 5C
2014-08-02 14:49:27.420 Main Current: 62ma
2014-08-02 14:49:27.420 Antenna Current: 0ma
2014-08-02 14:49:27.420 GPS Status
2014-08-02 14:49:27.420 Time: 14:49:26
2014-08-02 14:49:27.420 Date:
2014-08-02 14:49:27.420 Fix Type: 1-D
2014-08-02 14:49:27.420 Height:
2014-08-02 14:49:27.420 Latitude:
2014-08-02 14:49:27.420 Longitude:
2014-08-02 14:49:27.420 On Time: 0min
2014-08-02 14:49:27.420 Sat. Used: 0
2014-08-02 14:49:27.420 In View: 0
2014-08-02 14:49:27.420 Checksum Errors: 0
2014-08-02 14:49:27.420 Last GPS timemark: 2014-08-02 14:49:25
2014-08-02 14:49:27.420 PLL Status
2014-08-02 14:49:27.420 State: Lock
2014-08-02 14:49:27.420 Initial VCO: 2201.427002

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2014-08-02 14:49:27.420 Time Error: 0.000000  
 2014-08-02 14:49:27.420 RMS VCO: 0.0000000  
 2014-08-02 14:49:27.420 Best VCO: 2201.48  
 2014-08-02 14:49:27.420 Seconds Since Track or Lock: 0.0  
 2014-08-02 14:49:27.420 Vco Control: 2202  
 2014-08-02 14:49:27.420 timing mode: external seascan  
 2014-08-02 14:49:27.420 tempco normal  
 2014-08-02 14:49:27.420 PLL update: 10s PLL lock criterion: 5us  
 2014-08-02 14:49:27.420 Pfrac: 150.00  
 2014-08-02 14:49:27.420 VCO slope: -0.0175000  
 2014-08-02 14:49:27.420 VCO intercept: 7.1100001  
 2014-08-02 14:49:27.420 km delta: 600.0000000  
 2014-08-02 14:49:27.420 Logical Port 4 Status  
 2014-08-02 14:49:27.420 Data Packets Sent: 11492726  
 2014-08-02 14:49:27.420 Flood Packets Sent: 0  
 2014-08-02 14:49:27.420 Packets Re-Sent: 17703  
 2014-08-02 14:49:27.420 Sequence Errors: 0  
 2014-08-02 14:49:27.420 Physical Port: Ethernet  
 2014-08-02 14:49:27.420 Baler Model: 14 Software Version: 2.28  
 2014-08-02 14:49:27.420 MAC Address: 00:04:FB:00:02:EA  
 2014-08-02 14:49:27.420 Disk Size: 20000669696  
 2014-08-02 14:49:27.420 Percent of 1177 data files in use: 23.4  
 2014-08-02 14:49:27.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-02 14:49:27.420 Channel Sensitivities (uV per count):  
 2014-08-02 14:49:27.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-02 14:49:27.420 Digitizer Calibration Results:  
 2014-08-02 14:49:27.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-02 14:49:27.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-02 14:49:27.420 DMU1 Software Version=10  
 2014-08-02 14:49:27.420 Supply Voltage=12.7  
 2014-08-02 14:49:27.420 Supply Current=0.40  
 2014-08-02 14:49:27.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-02 14:49:27.420 WebLink Data Maps Restored  
 2014-08-02 14:49:27.420 [2014-08-02 02:48:33.999998] sequence resumes: 10197823 to  
 10197823  
 2014-08-02 14:49:27.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-02 14:49:26  
 2014-08-02 14:53:11.570 Reducing Status Polling Interval  
 2014-08-02 14:54:35.770 [2014-08-02 14:44:26.000000] total packets received: 43204  
 2014-08-02 14:54:35.770 [2014-08-02 14:44:26.000000] command timeouts: 6  
 2014-08-02 14:54:35.770 [2014-08-02 14:44:26.000000] out of window: 58  
 2014-08-02 14:54:35.770 written: HHZ-1084 HH1-1235 HH2-1305 BDH-433 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-08-02 14:54:35.770 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-08-02 14:54:35.770 written: VM2-1 OAC-1 LOG-3 ACE-1 OCF-1  
 2014-08-02 14:54:35.770 [2014-08-02 14:44:26.000000] Done: 4191 recs. seq end:  
 10240775. run: 304 s  
 2014-08-03 02:55:29.380  
 2014-08-03 02:55:29.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-03 02:55:29.380 Control Port 2491 Opened  
 2014-08-03 02:55:29.380 Baler ready on Ethernet  
 2014-08-03 02:55:29.380 Power Cycled Baler Acknowledged  
 2014-08-03 02:55:29.380 Commands Accepted by Q330  
 2014-08-03 02:55:29.380 Access timeout: 300 sec  
 2014-08-03 02:55:29.380 Control Port 4023 Opened  
 2014-08-03 02:55:29.380 Data Port 4024 Opened  
 2014-08-03 02:55:29.380 Registered with Q330  
 2014-08-03 02:55:29.380 Combination Record Received  
 2014-08-03 02:55:29.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-03 02:55:29.380 Link Reset, starting window sequence: 276  
 2014-08-03 02:55:29.380 GPS Receiver ID Received  
 2014-08-03 02:55:29.380 Manufacturer's Data Received, Property Tag=2017

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2014-08-03 02:55:29.380 Digitizer Gain & Offsets Received  
 2014-08-03 02:55:29.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4191 recs.  
 seq end: 10240775  
 2014-08-03 02:55:29.380 Baler clock set to 2014-08-03 02:55:28  
 2014-08-03 02:55:29.380 Starting to Read DP Tokens  
 2014-08-03 02:55:29.380 DP Tokens loaded, size=1474 bytes  
 2014-08-03 02:55:29.380 webserver advertising 192.168.200.119:5380  
 2014-08-03 02:55:29.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-03 02:55:29.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-03 02:55:29.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-03 02:55:29.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-03 02:55:29.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-03 02:55:29.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-03 02:55:29.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-03 02:55:29.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-03 02:55:29.380 [2014-08-02 14:44:26.000000] continuity found: 10240775  
 460305866.000000 Q=100  
 2014-08-03 02:55:29.380 [2014-08-02 14:44:26.000000] restoring continuity  
 2014-08-03 02:55:29.380 Sending DT\_OPEN  
 2014-08-03 02:55:29.380 Station: XX-2017  
 2014-08-03 02:55:29.380 Q330 Serial Number: 0100000DB18FC351  
 2014-08-03 02:55:29.380 AMB Serial Number: 0100000B6909DD82  
 2014-08-03 02:55:29.380 Seismo 1 Serial Number: 0000000000000000  
 2014-08-03 02:55:29.380 Seismo 2 Serial Number: 0000000000000000  
 2014-08-03 02:55:29.380 QAPCHP 1 Serial Number: 4643206  
 2014-08-03 02:55:29.380 QAPCHP 2 Serial Number: 3743050  
 2014-08-03 02:55:29.380 KMI Property Tag Number: 2017  
 2014-08-03 02:55:29.380 System Software Version: 1.146  
 2014-08-03 02:55:29.380 Slave Processor Version: 1.11  
 2014-08-03 02:55:29.380 Calibrator Type: QCAL330  
 2014-08-03 02:55:29.380 Calibrator Version: 1.8  
 2014-08-03 02:55:29.380 Auxiliary Board Type: None  
 2014-08-03 02:55:29.380 Clock Type: Motorola M12  
 2014-08-03 02:55:29.380 PLD Version: 7.9  
 2014-08-03 02:55:29.380 Total Hours: 67999.40  
 2014-08-03 02:55:29.380 Power On Hours: 32629.79  
 2014-08-03 02:55:29.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-03 02:55:29.380 Total Number of Boots: 120  
 2014-08-03 02:55:29.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-03 02:55:29.380 Total Number of Re-Syncs: 213  
 2014-08-03 02:55:29.380 Status Inputs: 00000000  
 2014-08-03 02:55:29.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-03 02:55:29.380 Clock Quality: 100%  
 2014-08-03 02:55:29.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-03 02:55:29.380 Clock Phase: 0 usec. max allowed=50000  
 2014-08-03 02:55:29.380 Boom positions:  
 2014-08-03 02:55:29.380 Ch1: -3 Ch2: 7 Ch3: 16 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-08-03 02:55:29.380 Analog Status  
 2014-08-03 02:55:29.380 Analog Positive Supply: 5.46v  
 2014-08-03 02:55:29.380 Input Voltage: 13.35v  
 2014-08-03 02:55:29.380 System Temperature: 5C  
 2014-08-03 02:55:29.380 Main Current: 62ma  
 2014-08-03 02:55:29.380 Antenna Current: 0ma  
 2014-08-03 02:55:29.380 GPS Status  
 2014-08-03 02:55:29.380 Time: 02:55:27  
 2014-08-03 02:55:29.380 Date:  
 2014-08-03 02:55:29.380 Fix Type: 1-D  
 2014-08-03 02:55:29.380 Height:  
 2014-08-03 02:55:29.380 Latitude:  
 2014-08-03 02:55:29.380 Longitude:  
 2014-08-03 02:55:29.380 On Time: 0min  
 2014-08-03 02:55:29.380 Sat. Used: 0  
 2014-08-03 02:55:29.380 In View: 0

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2014-08-03 02:55:29.380 Checksum Errors: 0  
 2014-08-03 02:55:29.380 Last GPS timemark: 2014-08-03 02:55:26  
 2014-08-03 02:55:29.380 PLL Status  
 2014-08-03 02:55:29.380 State: Lock  
 2014-08-03 02:55:29.380 Initial VCO: 2201.631104  
 2014-08-03 02:55:29.380 Time Error: 0.000000  
 2014-08-03 02:55:29.380 RMS VCO: 0.000000  
 2014-08-03 02:55:29.380 Best VCO: 2201.64  
 2014-08-03 02:55:29.380 Seconds Since Track or Lock: 0.0  
 2014-08-03 02:55:29.380 Vco Control: 2202  
 2014-08-03 02:55:29.380 timing mode: external seascan  
 2014-08-03 02:55:29.380 tempco normal  
 2014-08-03 02:55:29.380 PLL update: 10s PLL lock criterion: 5us  
 2014-08-03 02:55:29.380 Pfrac: 150.00  
 2014-08-03 02:55:29.380 VCO slope: -0.0175000  
 2014-08-03 02:55:29.380 VCO intercept: 7.1100001  
 2014-08-03 02:55:29.380 km delta: 600.000000  
 2014-08-03 02:55:29.380 Logical Port 4 Status  
 2014-08-03 02:55:29.380 Data Packets Sent: 11535830  
 2014-08-03 02:55:29.380 Flood Packets Sent: 0  
 2014-08-03 02:55:29.380 Packets Re-Sent: 17779  
 2014-08-03 02:55:29.380 Sequence Errors: 0  
 2014-08-03 02:55:29.380 Packet Buffer Used: 21574312  
 2014-08-03 02:55:29.380 Physical Port: Ethernet  
 2014-08-03 02:55:29.380 Baler Model: 14 Software Version: 2.28  
 2014-08-03 02:55:29.380 MAC Address: 00:04:FB:00:02:EA  
 2014-08-03 02:55:29.380 Disk Size: 20000669696  
 2014-08-03 02:55:29.380 Percent of 1177 data files in use: 23.5  
 2014-08-03 02:55:29.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-03 02:55:29.380 Channel Sensitivities (uV per count):  
 2014-08-03 02:55:29.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-03 02:55:29.380 Digitizer Calibration Results:  
 2014-08-03 02:55:29.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-03 02:55:29.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-03 02:55:29.380 DMU1 Software Version=10  
 2014-08-03 02:55:29.380 Supply Voltage=12.7  
 2014-08-03 02:55:29.380 Supply Current=0.41  
 2014-08-03 02:55:29.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-03 02:55:29.380 WebLink Data Maps Restored  
 2014-08-03 02:55:29.380 [2014-08-02 14:44:26.000000] sequence resumes: 10240775 to  
 10240775  
 2014-08-03 02:55:29.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-03 02:55:28  
 2014-08-03 02:59:33.470 [2014-08-03 00:00:00.000001] Saving Configuration to Backup  
 Memory  
 2014-08-03 03:00:59.040 [2014-08-03 03:00:43.999998] total packets received: 48860  
 2014-08-03 03:00:59.040 [2014-08-03 03:00:43.999998] command timeouts: 6  
 2014-08-03 03:00:59.040 [2014-08-03 03:00:43.999998] out of window: 71  
 2014-08-03 03:00:59.040 written: HHZ-1145 HH1-1307 HH2-1314 BDH-440 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-08-03 03:00:59.040 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-08-03 03:00:59.040 written: VM2-2 LOG-3 ACE-2 OCF-2  
 2014-08-03 03:00:59.040 [2014-08-03 03:00:43.999998] Done: 4348 recs. seq end:  
 10284953. run: 325 s  
 2014-08-03 15:01:50.340  
 2014-08-03 15:01:50.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-03 15:01:50.340 Control Port 2491 Opened  
 2014-08-03 15:01:50.340 Baler ready on Ethernet  
 2014-08-03 15:01:50.340 Power Cycled Baler Acknowledged  
 2014-08-03 15:01:50.340 Commands Accepted by Q330  
 2014-08-03 15:01:50.340 Access timeout: 300 sec  
 2014-08-03 15:01:50.340 Control Port 4023 Opened



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2014-08-03 15:01:50.340 Data Port 4024 Opened
2014-08-03 15:01:50.340 Registered with Q330
2014-08-03 15:01:50.340 Combination Record Received
2014-08-03 15:01:50.340 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-03 15:01:50.340 Link Reset, starting window sequence: 49029
2014-08-03 15:01:50.340 GPS Receiver ID Received
2014-08-03 15:01:50.340 Manufacturer's Data Received, Property Tag=2017
2014-08-03 15:01:50.340 Digitizer Gain & Offsets Received
2014-08-03 15:01:50.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4348 recs.
seq end: 10284953
2014-08-03 15:01:50.340 Baler clock set to 2014-08-03 15:01:49
2014-08-03 15:01:50.340 Starting to Read DP Tokens
2014-08-03 15:01:50.340 DP Tokens loaded, size=1474 bytes
2014-08-03 15:01:50.340 Webserver advertising 192.168.200.119:5380
2014-08-03 15:01:50.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-03 15:01:50.340 filters & delay HH1:2@100,Linear all=0.320000
2014-08-03 15:01:50.340 filters & delay HH2:3@100,Linear all=0.320000
2014-08-03 15:01:50.340 filters & delay BDH:4@20,Linear all=1.650000
2014-08-03 15:01:50.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-03 15:01:50.340 filters & delay LH1:2@1,Linear all=15.000000
2014-08-03 15:01:50.340 filters & delay LH2:3@1,Linear all=15.000000
2014-08-03 15:01:50.340 filters & delay LDH:4@1,Linear all=15.000000
2014-08-03 15:01:50.340 [2014-08-03 03:00:43.999998] continuity found: 10284953
460350044.000000 Q=100
2014-08-03 15:01:50.340 [2014-08-03 03:00:43.999998] restoring continuity
2014-08-03 15:01:50.340 Sending DT_OPEN
2014-08-03 15:01:50.340 Station: XX-2017
2014-08-03 15:01:50.340 Q330 Serial Number: 0100000DB18FC351
2014-08-03 15:01:50.340 AMB Serial Number: 0100000B6909DD82
2014-08-03 15:01:50.340 Seismo 1 Serial Number: 0000000000000000
2014-08-03 15:01:50.340 Seismo 2 Serial Number: 0000000000000000
2014-08-03 15:01:50.340 QAPCHP 1 Serial Number: 4643206
2014-08-03 15:01:50.340 QAPCHP 2 Serial Number: 3743050
2014-08-03 15:01:50.340 KMI Property Tag Number: 2017
2014-08-03 15:01:50.340 System Software Version: 1.146
2014-08-03 15:01:50.340 Slave Processor Version: 1.11
2014-08-03 15:01:50.340 Calibrator Type: QCAL330
2014-08-03 15:01:50.340 Calibrator Version: 1.8
2014-08-03 15:01:50.340 Clock Type: Motorola M12
2014-08-03 15:01:50.340 PLD Version: 7.9
2014-08-03 15:01:50.340 Total Hours: 68011.51
2014-08-03 15:01:50.340 Power On Hours: 32641.89
2014-08-03 15:01:50.340 Time of Last Boot: 2014-04-06 02:03:58
2014-08-03 15:01:50.340 Total Number of Boots: 120
2014-08-03 15:01:50.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-03 15:01:50.340 Total Number of Re-Syncs: 213
2014-08-03 15:01:50.340 Status Inputs: 00000000
2014-08-03 15:01:50.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-03 15:01:50.340 Clock Quality: 100%
2014-08-03 15:01:50.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-03 15:01:50.340 Clock Phase: 1 usec. max allowed=50000
2014-08-03 15:01:50.340 Boom positions:
2014-08-03 15:01:50.340 Ch1: -2 Ch2: 7 Ch3: 18 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-03 15:01:50.340 Analog Status
2014-08-03 15:01:50.340 Analog Positive Supply: 5.44v
2014-08-03 15:01:50.340 Input Voltage: 13.35v
2014-08-03 15:01:50.340 System Temperature: 5C
2014-08-03 15:01:50.340 Main Current: 62ma
2014-08-03 15:01:50.340 Antenna Current: 0ma
2014-08-03 15:01:50.340 GPS Status
2014-08-03 15:01:50.340 Time: 15:01:49
2014-08-03 15:01:50.340 Date:
2014-08-03 15:01:50.340 Fix Type: 1-D

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2014-08-03 15:01:50.340 Height:  
 2014-08-03 15:01:50.340 Latitude:  
 2014-08-03 15:01:50.340 Longitude:  
 2014-08-03 15:01:50.340 On Time: 0min  
 2014-08-03 15:01:50.340 Sat. Used: 0  
 2014-08-03 15:01:50.340 In View: 0  
 2014-08-03 15:01:50.340 Checksum Errors: 0  
 2014-08-03 15:01:50.340 Last GPS timemark: 2014-08-03 15:01:48  
 2014-08-03 15:01:50.340 PLL Status  
 2014-08-03 15:01:50.340 State: Lock  
 2014-08-03 15:01:50.340 Initial VCO: 2201.193604  
 2014-08-03 15:01:50.340 Time Error: 0.000000  
 2014-08-03 15:01:50.340 RMS VCO: 0.000000  
 2014-08-03 15:01:50.340 Best VCO: 2201.14  
 2014-08-03 15:01:50.340 Seconds Since Track or Lock: 0.0  
 2014-08-03 15:01:50.340 Vco Control: 2201  
 2014-08-03 15:01:50.340 timing mode: external seascan  
 2014-08-03 15:01:50.340 tempco normal  
 2014-08-03 15:01:50.340 PLL update: 10s PLL lock criterion: 5us  
 2014-08-03 15:01:50.340 Pfrac: 150.00  
 2014-08-03 15:01:50.340 VCO slope: -0.0175000  
 2014-08-03 15:01:50.340 VCO intercept: 7.1100001  
 2014-08-03 15:01:50.340 Km delta: 600.000000  
 2014-08-03 15:01:50.340 Logical Port 4 Status  
 2014-08-03 15:01:50.340 Data Packets Sent: 11584589  
 2014-08-03 15:01:50.340 Flood Packets Sent: 0  
 2014-08-03 15:01:50.340 Packets Re-Sent: 17869  
 2014-08-03 15:01:50.340 Sequence Errors: 0  
 2014-08-03 15:01:50.340 Packet Buffer Used: 22500536  
 2014-08-03 15:01:50.340 Physical Port: Ethernet  
 2014-08-03 15:01:50.340 Baler Model: 14 Software Version: 2.28  
 2014-08-03 15:01:50.340 MAC Address: 00:04:FB:00:02:EA  
 2014-08-03 15:01:50.340 Disk Size: 20000669696  
 2014-08-03 15:01:50.340 Percent of 1177 data files in use: 23.5  
 2014-08-03 15:01:50.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-03 15:01:50.340 Channel Sensitivities (uV per count):  
 2014-08-03 15:01:50.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-03 15:01:50.340 Digitizer Calibration Results:  
 2014-08-03 15:01:50.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-03 15:01:50.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-03 15:01:50.340 DMU1 Software Version=10  
 2014-08-03 15:01:50.340 Supply Voltage=12.7  
 2014-08-03 15:01:50.340 Supply Current=0.40  
 2014-08-03 15:01:50.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-03 15:01:50.340 WebLink Data Maps Restored  
 2014-08-03 15:01:50.340 [2014-08-03 03:00:43.999998] sequence resumes overlapping:  
 10284953 to 10284952  
 2014-08-03 15:01:50.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-03 15:01:49  
 2014-08-03 15:07:19.840 [2014-08-03 15:00:25.000000] total packets received: 51268  
 2014-08-03 15:07:19.840 [2014-08-03 15:00:25.000000] command timeouts: 6  
 2014-08-03 15:07:19.840 [2014-08-03 15:00:25.000000] out of window: 67  
 2014-08-03 15:07:19.840 written: HHZ-1185 HH1-1359 HH2-1418 BDH-436 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-08-03 15:07:19.840 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-23  
 VMZ-2 VM1-2  
 2014-08-03 15:07:19.840 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2  
 2014-08-03 15:07:19.840 [2014-08-03 15:00:25.000000] Done: 4537 recs. seq end:  
 10328134. run: 325 s  
 2014-08-04 03:08:12.400  
 2014-08-04 03:08:12.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-04 03:08:12.400 Control Port 2491 Opened  
 2014-08-04 03:08:12.400 Baler ready on Ethernet

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2014-08-04 03:08:12.400 Power Cycled Baler Acknowledged
2014-08-04 03:08:12.400 Commands Accepted by Q330
2014-08-04 03:08:12.400 Access timeout: 300 sec
2014-08-04 03:08:12.400 Control Port 4023 Opened
2014-08-04 03:08:12.400 Data Port 4024 Opened
2014-08-04 03:08:12.400 Registered with Q330
2014-08-04 03:08:12.400 Combination Record Received
2014-08-04 03:08:12.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-04 03:08:12.400 Link Reset, starting window sequence: 34659
2014-08-04 03:08:12.400 GPS Receiver ID Received
2014-08-04 03:08:12.400 Manufacturer's Data Received, Property Tag=2017
2014-08-04 03:08:12.400 Digitizer Gain & Offsets Received
2014-08-04 03:08:12.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4537 recs.
seq end: 10328134
2014-08-04 03:08:12.400 Baler clock set to 2014-08-04 03:08:11
2014-08-04 03:08:12.400 Starting to Read DP Tokens
2014-08-04 03:08:12.400 DP Tokens loaded, size=1474 bytes
2014-08-04 03:08:12.400 Webserver advertising 192.168.200.119:5380
2014-08-04 03:08:12.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-04 03:08:12.400 filters & delay HH1:2@100,Linear all=0.320000
2014-08-04 03:08:12.400 filters & delay HH2:3@100,Linear all=0.320000
2014-08-04 03:08:12.400 filters & delay BDH:4@20,Linear all=1.650000
2014-08-04 03:08:12.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-04 03:08:12.400 filters & delay LH1:2@1,Linear all=15.000000
2014-08-04 03:08:12.400 filters & delay LH2:3@1,Linear all=15.000000
2014-08-04 03:08:12.400 filters & delay LDH:4@1,Linear all=15.000000
2014-08-04 03:08:12.400 [2014-08-03 15:00:25.000000] continuity found: 10328134
460393225.000000 Q=100
2014-08-04 03:08:12.400 [2014-08-03 15:00:25.000000] restoring continuity
2014-08-04 03:08:12.400 Sending DT_OPEN
2014-08-04 03:08:12.400 Station: XX-2017
2014-08-04 03:08:12.400 Q330 Serial Number: 0100000DB18FC351
2014-08-04 03:08:12.400 AMB Serial Number: 0100000B6909DD82
2014-08-04 03:08:12.400 Seismo 1 Serial Number: 0000000000000000
2014-08-04 03:08:12.400 Seismo 2 Serial Number: 0000000000000000
2014-08-04 03:08:12.400 QAPCHP 1 Serial Number: 4643206
2014-08-04 03:08:12.400 QAPCHP 2 Serial Number: 3743050
2014-08-04 03:08:12.400 KMI Property Tag Number: 2017
2014-08-04 03:08:12.400 System Software Version: 1.146
2014-08-04 03:08:12.400 Slave Processor Version: 1.11
2014-08-04 03:08:12.400 Calibrator Type: QCAL330
2014-08-04 03:08:12.400 Calibrator Version: 1.8
2014-08-04 03:08:12.400 Auxiliary Board Type: None
2014-08-04 03:08:12.400 Clock Type: Motorola M12
2014-08-04 03:08:12.400 PLD Version: 7.9
2014-08-04 03:08:12.400 Total Hours: 68023.62
2014-08-04 03:08:12.400 Power On Hours: 32654.00
2014-08-04 03:08:12.400 Time of Last Boot: 2014-04-06 02:03:58
2014-08-04 03:08:12.400 Total Number of Boots: 120
2014-08-04 03:08:12.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-04 03:08:12.400 Total Number of Re-Syncs: 213
2014-08-04 03:08:12.400 Status Inputs: 00000000
2014-08-04 03:08:12.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-04 03:08:12.400 Clock Quality: 100%
2014-08-04 03:08:12.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-04 03:08:12.400 Clock Phase: 0 usec. max allowed=50000
2014-08-04 03:08:12.400 Boom positions:
2014-08-04 03:08:12.400 ch1: -3 ch2: 6 ch3: 20 ch4: 20 ch5: 20 ch6: 20
2014-08-04 03:08:12.400 Analog Status
2014-08-04 03:08:12.400 Analog Positive Supply: 5.44V
2014-08-04 03:08:12.400 Input Voltage: 13.35V
2014-08-04 03:08:12.400 System Temperature: 5C
2014-08-04 03:08:12.400 Main Current: 62ma

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2014-08-04 03:08:12.400 Antenna Current: 0ma  
 2014-08-04 03:08:12.400 GPS Status  
 2014-08-04 03:08:12.400 Time: 03:08:11  
 2014-08-04 03:08:12.400 Date:  
 2014-08-04 03:08:12.400 Fix Type: 1-D  
 2014-08-04 03:08:12.400 Height:  
 2014-08-04 03:08:12.400 Latitude:  
 2014-08-04 03:08:12.400 Longitude:  
 2014-08-04 03:08:12.400 On Time: 0min  
 2014-08-04 03:08:12.400 Sat. Used: 0  
 2014-08-04 03:08:12.400 In View: 0  
 2014-08-04 03:08:12.400 Checksum Errors: 0  
 2014-08-04 03:08:12.400 Last GPS timemark: 2014-08-04 03:08:10  
 2014-08-04 03:08:12.400 PLL Status  
 2014-08-04 03:08:12.400 State: Lock  
 2014-08-04 03:08:12.400 Initial VCO: 2201.193115  
 2014-08-04 03:08:12.400 Time Error: 0.000000  
 2014-08-04 03:08:12.400 RMS VCO: 0.0000000  
 2014-08-04 03:08:12.400 Best VCO: 2201.08  
 2014-08-04 03:08:12.400 Seconds Since Track or Lock: 0.0  
 2014-08-04 03:08:12.400 Vco Control: 2201  
 2014-08-04 03:08:12.400 timing mode: external seascan  
 2014-08-04 03:08:12.400 tempco normal  
 2014-08-04 03:08:12.400 PLL update: 10s PLL lock criterion: 5us  
 2014-08-04 03:08:12.400 Pfrac: 150.00  
 2014-08-04 03:08:12.400 VCO slope: -0.0175000  
 2014-08-04 03:08:12.400 VCO intercept: 7.1100001  
 2014-08-04 03:08:12.400 Km delta: 600.0000000  
 2014-08-04 03:08:12.400 Logical Port 4 Status  
 2014-08-04 03:08:12.400 Data Packets Sent: 11635760  
 2014-08-04 03:08:12.400 Flood Packets Sent: 0  
 2014-08-04 03:08:12.400 Packets Re-Sent: 17951  
 2014-08-04 03:08:12.400 Sequence Errors: 0  
 2014-08-04 03:08:12.400 Packet Buffer Used: 22367256  
 2014-08-04 03:08:12.400 Physical Port: Ethernet  
 2014-08-04 03:08:12.400 Baler Model: 14 Software Version: 2.28  
 2014-08-04 03:08:12.400 MAC Address: 00:04:FB:00:02:EA  
 2014-08-04 03:08:12.400 Disk Size: 20000669696  
 2014-08-04 03:08:12.400 Percent of 1177 data files in use: 23.6  
 2014-08-04 03:08:12.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-04 03:08:12.400 Channel Sensitivities (uV per count):  
 2014-08-04 03:08:12.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-04 03:08:12.400 Digitizer Calibration Results:  
 2014-08-04 03:08:12.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-04 03:08:12.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-04 03:08:12.400 DMU1 Software Version=10  
 2014-08-04 03:08:12.400 Supply Voltage=12.8  
 2014-08-04 03:08:12.400 Supply Current=0.40  
 2014-08-04 03:08:12.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-04 03:08:12.400 WebLink Data Maps Restored  
 2014-08-04 03:08:12.400 [2014-08-03 15:00:25.000000] sequence resumes: 10328134 to  
 10328134  
 2014-08-04 03:08:12.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-04 03:08:11  
 2014-08-04 03:12:14.620 [2014-08-04 00:00:00.000001] Saving Configuration to Backup  
 Memory  
 2014-08-04 03:13:38.990 Reducing Status Polling Interval  
 2014-08-04 03:13:38.990 [2014-08-04 03:13:37.999998] total packets received: 47557  
 2014-08-04 03:13:38.990 [2014-08-04 03:13:37.999998] command timeouts: 6  
 2014-08-04 03:13:38.990 [2014-08-04 03:13:37.999998] out of window: 52  
 2014-08-04 03:13:38.990 written: HHZ-1190 HH1-1351 HH2-1415 BDH-446 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-08-04 03:13:38.990 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25

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VMZ-1 VM1-1
2014-08-04 03:13:38.990 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-04 03:13:38.990 [2014-08-04 03:13:37.999998] Done: 4541 recs. seq end:
10372127. run: 322 s
2014-08-04 15:14:32.380
2014-08-04 15:14:32.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-04 15:14:32.380 Baler ready on Ethernet
2014-08-04 15:14:32.380 Power Cycled Baler Acknowledged
2014-08-04 15:14:32.380 Commands Accepted by Q330
2014-08-04 15:14:32.380 Access timeout: 300 sec
2014-08-04 15:14:32.380 Control Port 4023 Opened
2014-08-04 15:14:32.380 Data Port 4024 Opened
2014-08-04 15:14:32.380 Registered with Q330
2014-08-04 15:14:32.380 Combination Record Received
2014-08-04 15:14:32.380 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-04 15:14:32.380 Link Reset, starting window sequence: 16593
2014-08-04 15:14:32.380 GPS Receiver ID Received
2014-08-04 15:14:32.380 Manufacturer's Data Received, Property Tag=2017
2014-08-04 15:14:32.380 Digitizer Gain & Offsets Received
2014-08-04 15:14:32.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4541 recs.
seq end: 10372127
2014-08-04 15:14:32.380 Baler clock set to 2014-08-04 15:14:31
2014-08-04 15:14:32.380 Starting to Read DP Tokens
2014-08-04 15:14:32.380 DP Tokens loaded, size=1474 bytes
2014-08-04 15:14:32.380 webserver advertising 192.168.200.119:5380
2014-08-04 15:14:32.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-04 15:14:32.380 filters & delay HH1:2@100,Linear all=0.320000
2014-08-04 15:14:32.380 filters & delay HH2:3@100,Linear all=0.320000
2014-08-04 15:14:32.380 filters & delay BDH:4@20,Linear all=1.650000
2014-08-04 15:14:32.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-04 15:14:32.380 filters & delay LH1:2@1,Linear all=15.000000
2014-08-04 15:14:32.380 filters & delay LH2:3@1,Linear all=15.000000
2014-08-04 15:14:32.380 filters & delay LDH:4@1,Linear all=15.000000
2014-08-04 15:14:32.380 [2014-08-04 03:13:37.999998] continuity found: 10372127
460437218.000000 Q=100
2014-08-04 15:14:32.380 [2014-08-04 03:13:37.999998] restoring continuity
2014-08-04 15:14:32.380 Sending DT_OPEN
2014-08-04 15:14:32.380 Station: XX-2017
2014-08-04 15:14:32.380 Q330 Serial Number: 0100000DB18FC351
2014-08-04 15:14:32.380 AMB Serial Number: 0100000B6909DD82
2014-08-04 15:14:32.380 Seismo 1 Serial Number: 0000000000000000
2014-08-04 15:14:32.380 Seismo 2 Serial Number: 0000000000000000
2014-08-04 15:14:32.380 QAPCHP 1 Serial Number: 4643206
2014-08-04 15:14:32.380 QAPCHP 2 Serial Number: 3743050
2014-08-04 15:14:32.380 KMI Property Tag Number: 2017
2014-08-04 15:14:32.380 System Software Version: 1.146
2014-08-04 15:14:32.380 Slave Processor Version: 1.11
2014-08-04 15:14:32.380 Calibrator Type: QCAL330
2014-08-04 15:14:32.380 Calibrator Version: 1.8
2014-08-04 15:14:32.380 Auxiliary Board Type: None
2014-08-04 15:14:32.380 Clock Type: Motorola M12
2014-08-04 15:14:32.380 PLD Version: 7.9
2014-08-04 15:14:32.380 Total Hours: 68035.72
2014-08-04 15:14:32.380 Power On Hours: 32666.11
2014-08-04 15:14:32.380 Time of Last Boot: 2014-04-06 02:03:58
2014-08-04 15:14:32.380 Total Number of Boots: 120
2014-08-04 15:14:32.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-04 15:14:32.380 Total Number of Re-Syncs: 213
2014-08-04 15:14:32.380 Status Inputs: 00000000
2014-08-04 15:14:32.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-04 15:14:32.380 Clock Quality: 100%
2014-08-04 15:14:32.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-04 15:14:32.380 Clock Phase: 0 usec. max allowed=50000

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2014-08-04 15:14:32.380 Boom positions:
2014-08-04 15:14:32.380 Ch1: -3 Ch2: 5 Ch3: 24 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-04 15:14:32.380 Analog Status
2014-08-04 15:14:32.380 Analog Positive Supply: 5.46V
2014-08-04 15:14:32.380 Input Voltage: 13.35V
2014-08-04 15:14:32.380 System Temperature: 5C
2014-08-04 15:14:32.380 Main Current: 65ma
2014-08-04 15:14:32.380 Antenna Current: 0ma
2014-08-04 15:14:32.380 GPS Status
2014-08-04 15:14:32.380 Time: 15:14:31
2014-08-04 15:14:32.380 Date:
2014-08-04 15:14:32.380 Fix Type: 1-D
2014-08-04 15:14:32.380 Height:
2014-08-04 15:14:32.380 Latitude:
2014-08-04 15:14:32.380 Longitude:
2014-08-04 15:14:32.380 On Time: 0min
2014-08-04 15:14:32.380 Sat. Used: 0
2014-08-04 15:14:32.380 In View: 0
2014-08-04 15:14:32.380 Checksum Errors: 0
2014-08-04 15:14:32.380 Last GPS timemark: 2014-08-04 15:14:30
2014-08-04 15:14:32.380 PLL Status
2014-08-04 15:14:32.380 State: Lock
2014-08-04 15:14:32.380 Initial VCO: 2200.861328
2014-08-04 15:14:32.380 Time Error: 0.000000
2014-08-04 15:14:32.380 RMS VCO: 0.000000
2014-08-04 15:14:32.380 Best VCO: 2200.90
2014-08-04 15:14:32.380 Seconds Since Track or Lock: 0.0
2014-08-04 15:14:32.380 Vco Control: 2201
2014-08-04 15:14:32.380 timing mode: external seascan
2014-08-04 15:14:32.380 tempco normal
2014-08-04 15:14:32.380 PLL update: 10s PLL lock criterion: 5us
2014-08-04 15:14:32.380 Pfrac: 150.00
2014-08-04 15:14:32.380 VCO slope: -0.0175000
2014-08-04 15:14:32.380 VCO intercept: 7.1100001
2014-08-04 15:14:32.380 Km delta: 600.000000
2014-08-04 15:14:32.380 Logical Port 4 Status
2014-08-04 15:14:32.380 Data Packets Sent: 11683235
2014-08-04 15:14:32.380 Flood Packets Sent: 0
2014-08-04 15:14:32.380 Packets Re-Sent: 18019
2014-08-04 15:14:32.380 Sequence Errors: 0
2014-08-04 15:14:32.380 Packet Buffer Used: 21216436
2014-08-04 15:14:32.380 Physical Port: Ethernet
2014-08-04 15:14:32.380 Baler Model: 14 Software Version: 2.28
2014-08-04 15:14:32.380 MAC Address: 00:04:FB:00:02:EA
2014-08-04 15:14:32.380 Disk Size: 20000669696
2014-08-04 15:14:32.380 Percent of 1177 data files in use: 23.6
2014-08-04 15:14:32.380 Channels Enabled: 1234 Preamps ON channels:
2014-08-04 15:14:32.380 Channel Sensitivities (uV per count):
2014-08-04 15:14:32.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-04 15:14:32.380 Digitizer Calibration Results:
2014-08-04 15:14:32.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-04 15:14:32.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-04 15:14:32.380 DMU1 Software Version=10
2014-08-04 15:14:32.380 Supply Voltage=12.7
2014-08-04 15:14:32.380 Supply Current=0.40
2014-08-04 15:14:32.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-04 15:14:32.380 WebLink Data Maps Restored
2014-08-04 15:14:32.380 [2014-08-04 03:13:37.999998] sequence resumes: 10372127 to
10372127
2014-08-04 15:14:32.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-04 15:14:31
2014-08-04 15:19:41.000 [2014-08-04 15:19:39.999998] total packets received: 43749
2014-08-04 15:19:41.000 [2014-08-04 15:19:39.999998] command timeouts: 6

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2014-08-04 15:19:41.000 [2014-08-04 15:19:39.999998] out of window: 52
2014-08-04 15:19:41.000 written: HHZ-1126 HH1-1268 HH2-1309 BDH-431 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-04 15:19:41.000 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-04 15:19:41.000 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-04 15:19:41.000 [2014-08-04 15:19:39.999998] Done: 4275 recs. seq end:
10415689. run: 305 s
2014-08-05 03:20:36.370
2014-08-05 03:20:36.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-05 03:20:36.370 Control Port 2491 Opened
2014-08-05 03:20:36.370 Baler ready on Ethernet
2014-08-05 03:20:36.370 Power Cycled Baler Acknowledged
2014-08-05 03:20:36.370 Commands Accepted by Q330
2014-08-05 03:20:36.370 Access timeout: 300 sec
2014-08-05 03:20:36.370 Control Port 4023 Opened
2014-08-05 03:20:36.370 Data Port 4024 Opened
2014-08-05 03:20:36.370 Registered with Q330
2014-08-05 03:20:36.370 Combination Record Received
2014-08-05 03:20:36.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-05 03:20:36.370 Link Reset, starting window sequence: 60256
2014-08-05 03:20:36.370 GPS Receiver ID Received
2014-08-05 03:20:36.370 Manufacturer's Data Received, Property Tag=2017
2014-08-05 03:20:36.370 Digitizer Gain & Offsets Received
2014-08-05 03:20:36.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4275 recs.
seq end: 10415689
2014-08-05 03:20:36.370 Baler clock set to 2014-08-05 03:20:35
2014-08-05 03:20:36.370 Starting to Read DP Tokens
2014-08-05 03:20:36.370 DP Tokens loaded, size=1474 bytes
2014-08-05 03:20:36.370 Webserver advertising 192.168.200.119:5380
2014-08-05 03:20:36.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-05 03:20:36.370 filters & delay HH1:2@100,Linear all=0.320000
2014-08-05 03:20:36.370 filters & delay HH2:3@100,Linear all=0.320000
2014-08-05 03:20:36.370 filters & delay BDH:4@20,Linear all=1.650000
2014-08-05 03:20:36.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-05 03:20:36.370 filters & delay LH1:2@1,Linear all=15.000000
2014-08-05 03:20:36.370 filters & delay LH2:3@1,Linear all=15.000000
2014-08-05 03:20:36.370 filters & delay LDH:4@1,Linear all=15.000000
2014-08-05 03:20:36.370 [2014-08-04 15:19:39.999998] continuity found: 10415689
460480780.000000 Q=100
2014-08-05 03:20:36.370 [2014-08-04 15:19:39.999998] restoring continuity
2014-08-05 03:20:36.370 Sending DT_OPEN
2014-08-05 03:20:36.370 Station: XX-2017
2014-08-05 03:20:36.370 Q330 Serial Number: 0100000DB18FC351
2014-08-05 03:20:36.370 AMB Serial Number: 0100000B6909DD82
2014-08-05 03:20:36.370 Seismo 1 Serial Number: 0000000000000000
2014-08-05 03:20:36.370 Seismo 2 Serial Number: 0000000000000000
2014-08-05 03:20:36.370 QAPCHP 1 Serial Number: 4643206
2014-08-05 03:20:36.370 QAPCHP 2 Serial Number: 3743050
2014-08-05 03:20:36.370 KMI Property Tag Number: 2017
2014-08-05 03:20:36.370 System Software Version: 1.146
2014-08-05 03:20:36.370 Slave Processor Version: 1.11
2014-08-05 03:20:36.370 Calibrator Type: QCAL330
2014-08-05 03:20:36.370 Calibrator Version: 1.8
2014-08-05 03:20:36.370 Auxiliary Board Type: None
2014-08-05 03:20:36.370 Clock Type: Motorola M12
2014-08-05 03:20:36.370 PLD Version: 7.9
2014-08-05 03:20:36.370 Total Hours: 68047.82
2014-08-05 03:20:36.370 Power On Hours: 32678.21
2014-08-05 03:20:36.370 Time of Last Boot: 2014-04-06 02:03:58
2014-08-05 03:20:36.370 Total Number of Boots: 120
2014-08-05 03:20:36.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-05 03:20:36.370 Total Number of Re-Syncs: 213

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2014-08-05 03:20:36.370 Status Inputs: 00000000  
 2014-08-05 03:20:36.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-05 03:20:36.370 Clock Quality: 100%  
 2014-08-05 03:20:36.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-05 03:20:36.370 Clock Phase: 1 usec. max allowed=50000  
 2014-08-05 03:20:36.370 Boom positions:  
 2014-08-05 03:20:36.370 ch1: -2 ch2: 4 ch3: -5 ch4: 20 ch5: 20 ch6: 20  
 2014-08-05 03:20:36.370 Analog Status  
 2014-08-05 03:20:36.370 Analog Positive Supply: 5.46V  
 2014-08-05 03:20:36.370 Input Voltage: 13.35V  
 2014-08-05 03:20:36.370 System Temperature: 5C  
 2014-08-05 03:20:36.370 Main Current: 61ma  
 2014-08-05 03:20:36.370 Antenna Current: 0ma  
 2014-08-05 03:20:36.370 GPS Status  
 2014-08-05 03:20:36.370 Time: 03:20:34  
 2014-08-05 03:20:36.370 Date:  
 2014-08-05 03:20:36.370 Fix Type: 1-D  
 2014-08-05 03:20:36.370 Height:  
 2014-08-05 03:20:36.370 Latitude:  
 2014-08-05 03:20:36.370 Longitude:  
 2014-08-05 03:20:36.370 On Time: 0min  
 2014-08-05 03:20:36.370 Sat. Used: 0  
 2014-08-05 03:20:36.370 In View: 0  
 2014-08-05 03:20:36.370 Checksum Errors: 0  
 2014-08-05 03:20:36.370 Last GPS timemark: 2014-08-05 03:20:33  
 2014-08-05 03:20:36.370 PLL Status  
 2014-08-05 03:20:36.370 State: Lock  
 2014-08-05 03:20:36.370 Initial VCO: 2200.320068  
 2014-08-05 03:20:36.370 Time Error: -0.000001  
 2014-08-05 03:20:36.370 RMS VCO: 0.0000000  
 2014-08-05 03:20:36.370 Best VCO: 2200.59  
 2014-08-05 03:20:36.370 Seconds Since Track or Lock: 0.0  
 2014-08-05 03:20:36.370 Vco Control: 2200  
 2014-08-05 03:20:36.370 tempco normal  
 2014-08-05 03:20:36.370 PLL update: 10s PLL lock criterion: 5us  
 2014-08-05 03:20:36.370 Pfrac: 150.00  
 2014-08-05 03:20:36.370 VCO slope: -0.0175000  
 2014-08-05 03:20:36.370 VCO intercept: 7.1100001  
 2014-08-05 03:20:36.370 km delta: 600.0000000  
 2014-08-05 03:20:36.370 Logical Port 4 Status  
 2014-08-05 03:20:36.370 Data Packets Sent: 11726903  
 2014-08-05 03:20:36.370 Flood Packets Sent: 0  
 2014-08-05 03:20:36.370 Packets Re-Sent: 18085  
 2014-08-05 03:20:36.370 Sequence Errors: 0  
 2014-08-05 03:20:36.370 Packet Buffer Used: 21562968  
 2014-08-05 03:20:36.370 Physical Port: Ethernet  
 2014-08-05 03:20:36.370 Baler Model: 14 Software Version: 2.28  
 2014-08-05 03:20:36.370 MAC Address: 00:04:FB:00:02:EA  
 2014-08-05 03:20:36.370 Disk Size: 20000669696  
 2014-08-05 03:20:36.370 Percent of 1177 data files in use: 23.8  
 2014-08-05 03:20:36.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-05 03:20:36.370 Channel Sensitivities (uV per count):  
 2014-08-05 03:20:36.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-05 03:20:36.370 Digitizer Calibration Results:  
 2014-08-05 03:20:36.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-05 03:20:36.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-05 03:20:36.370 DMU1 Software Version=10  
 2014-08-05 03:20:36.370 Supply Voltage=12.7  
 2014-08-05 03:20:36.370 Supply Current=0.41  
 2014-08-05 03:20:36.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-05 03:20:36.370 webLink Data Maps Restored  
 2014-08-05 03:20:36.370 [2014-08-04 15:19:39.999998] sequence resumes: 10415689 to 10415689



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2014-08-05 03:20:36.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-08-05 03:20:35  
2014-08-05 03:24:24.860 [2014-08-05 00:00:00.000000] Saving Configuration to Backup  
Memory  
2014-08-05 03:26:05.430 Reducing Status Polling Interval  
2014-08-05 03:26:05.430 [2014-08-05 03:26:03.999998] total packets received: 47240  
2014-08-05 03:26:05.430 [2014-08-05 03:26:03.999998] command timeouts: 6  
2014-08-05 03:26:05.430 [2014-08-05 03:26:03.999998] out of window: 74  
2014-08-05 03:26:05.430 written: HHZ-1147 HH1-1306 HH2-1325 BDH-437 VEP-2 VEC-1  
VEA-2 VKI-2 VCO-2  
2014-08-05 03:26:05.430 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
VMZ-2 VM1-2  
2014-08-05 03:26:05.430 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
2014-08-05 03:26:05.430 [2014-08-05 03:26:03.999998] Done: 4356 recs. seq end:  
10459273. run: 324 s  
2014-08-05 15:26:56.400  
2014-08-05 15:26:56.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-08-05 15:26:56.400 Control Port 2491 Opened  
2014-08-05 15:26:56.400 Baler ready on Ethernet  
2014-08-05 15:26:56.400 Power Cycled Baler Acknowledged  
2014-08-05 15:26:56.400 Commands Accepted by Q330  
2014-08-05 15:26:56.400 Access timeout: 300 sec  
2014-08-05 15:26:56.400 Control Port 4023 Opened  
2014-08-05 15:26:56.400 Data Port 4024 Opened  
2014-08-05 15:26:56.400 Registered with Q330  
2014-08-05 15:26:56.400 Combination Record Received  
2014-08-05 15:26:56.400 window=4 Min. Timeout=10 Max. Timeout=30  
2014-08-05 15:26:56.400 Link Reset, starting window sequence: 41851  
2014-08-05 15:26:56.400 GPS Receiver ID Received  
2014-08-05 15:26:56.400 Manufacturer's Data Received, Property Tag=2017  
2014-08-05 15:26:56.400 Digitizer Gain & Offsets Received  
2014-08-05 15:26:56.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4356 recs.  
seq end: 10459273  
2014-08-05 15:26:56.400 Baler clock set to 2014-08-05 15:26:55  
2014-08-05 15:26:56.400 Starting to Read DP Tokens  
2014-08-05 15:26:56.400 DP Tokens loaded, size=1474 bytes  
2014-08-05 15:26:56.400 webserver advertising 192.168.200.119:5380  
2014-08-05 15:26:56.400 filters & delay HHZ:1@100,Linear all=0.320000  
2014-08-05 15:26:56.400 filters & delay HH1:2@100,Linear all=0.320000  
2014-08-05 15:26:56.400 filters & delay HH2:3@100,Linear all=0.320000  
2014-08-05 15:26:56.400 filters & delay BDH:4@20,Linear all=1.650000  
2014-08-05 15:26:56.400 filters & delay LHZ:1@1,Linear all=15.000000  
2014-08-05 15:26:56.400 filters & delay LH1:2@1,Linear all=15.000000  
2014-08-05 15:26:56.400 filters & delay LH2:3@1,Linear all=15.000000  
2014-08-05 15:26:56.400 filters & delay LDH:4@1,Linear all=15.000000  
2014-08-05 15:26:56.400 [2014-08-05 03:26:03.999998] continuity found: 10459273  
460524364.000000 Q=100  
2014-08-05 15:26:56.400 [2014-08-05 03:26:03.999998] restoring continuity  
2014-08-05 15:26:56.400 Sending DT\_OPEN  
2014-08-05 15:26:56.400 Station: XX-2017  
2014-08-05 15:26:56.400 Q330 Serial Number: 0100000DB18FC351  
2014-08-05 15:26:56.400 AMB Serial Number: 0100000B6909DD82  
2014-08-05 15:26:56.400 Seismo 1 Serial Number: 0000000000000000  
2014-08-05 15:26:56.400 Seismo 2 Serial Number: 0000000000000000  
2014-08-05 15:26:56.400 QAPCHP 1 Serial Number: 4643206  
2014-08-05 15:26:56.400 QAPCHP 2 Serial Number: 3743050  
2014-08-05 15:26:56.400 KMI Property Tag Number: 2017  
2014-08-05 15:26:56.400 System Software Version: 1.146  
2014-08-05 15:26:56.400 Slave Processor Version: 1.11  
2014-08-05 15:26:56.400 Calibrator Type: QCAL330  
2014-08-05 15:26:56.400 Calibrator Version: 1.8  
2014-08-05 15:26:56.400 Auxiliary Board Type: None  
2014-08-05 15:26:56.400 Clock Type: Motorola M12

S01\_messages.txt

2014-08-05 15:26:56.400 PLD Version: 7.9  
 2014-08-05 15:26:56.400 Total Hours: 68059.93  
 2014-08-05 15:26:56.400 Power On Hours: 32690.31  
 2014-08-05 15:26:56.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-05 15:26:56.400 Total Number of Boots: 120  
 2014-08-05 15:26:56.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-05 15:26:56.400 Total Number of Re-Syncs: 213  
 2014-08-05 15:26:56.400 Status Inputs: 00000000  
 2014-08-05 15:26:56.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-05 15:26:56.400 Clock Quality: 100%  
 2014-08-05 15:26:56.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-05 15:26:56.400 Clock Phase: 0 usec. max allowed=50000  
 2014-08-05 15:26:56.400 Boom positions:  
 2014-08-05 15:26:56.400 ch1: -2 ch2: 2 ch3: -1 ch4: 20 ch5: 20 ch6: 20  
 2014-08-05 15:26:56.400 Analog Status  
 2014-08-05 15:26:56.400 Analog Positive Supply: 5.46V  
 2014-08-05 15:26:56.400 Input Voltage: 13.20V  
 2014-08-05 15:26:56.400 System Temperature: 5C  
 2014-08-05 15:26:56.400 Main Current: 61ma  
 2014-08-05 15:26:56.400 Antenna Current: 0ma  
 2014-08-05 15:26:56.400 GPS Status  
 2014-08-05 15:26:56.400 Time: 15:26:55  
 2014-08-05 15:26:56.400 Date:  
 2014-08-05 15:26:56.400 Fix Type: 1-D  
 2014-08-05 15:26:56.400 Height:  
 2014-08-05 15:26:56.400 Latitude:  
 2014-08-05 15:26:56.400 Longitude:  
 2014-08-05 15:26:56.400 On Time: 0min  
 2014-08-05 15:26:56.400 Sat. Used: 0  
 2014-08-05 15:26:56.400 In View: 0  
 2014-08-05 15:26:56.400 Checksum Errors: 0  
 2014-08-05 15:26:56.400 Last GPS timemark: 2014-08-05 15:26:54  
 2014-08-05 15:26:56.400 PLL Status  
 2014-08-05 15:26:56.400 State: Lock  
 2014-08-05 15:26:56.400 Initial VCO: 2200.081543  
 2014-08-05 15:26:56.400 Time Error: 0.000000  
 2014-08-05 15:26:56.400 RMS VCO: 0.000000  
 2014-08-05 15:26:56.400 Best VCO: 2200.06  
 2014-08-05 15:26:56.400 Seconds Since Track or Lock: 0.0  
 2014-08-05 15:26:56.400 Vco Control: 2200  
 2014-08-05 15:26:56.400 timing mode: external seascan  
 2014-08-05 15:26:56.400 tempco normal  
 2014-08-05 15:26:56.400 PLL update: 10s PLL lock criterion: 5us  
 2014-08-05 15:26:56.400 Pfrac: 150.00  
 2014-08-05 15:26:56.400 VCO slope: -0.0175000  
 2014-08-05 15:26:56.400 VCO intercept: 7.1100001  
 2014-08-05 15:26:56.400 Km delta: 600.000000  
 2014-08-05 15:26:56.400 Logical Port 4 Status  
 2014-08-05 15:26:56.400 Data Packets Sent: 11774039  
 2014-08-05 15:26:56.400 Flood Packets Sent: 0  
 2014-08-05 15:26:56.400 Packets Re-Sent: 18176  
 2014-08-05 15:26:56.400 Sequence Errors: 0  
 2014-08-05 15:26:56.400 Packet Buffer Used: 21837692  
 2014-08-05 15:26:56.400 Physical Port: Ethernet  
 2014-08-05 15:26:56.400 Baler Model: 14 Software Version: 2.28  
 2014-08-05 15:26:56.400 MAC Address: 00:04:FB:00:02:EA  
 2014-08-05 15:26:56.400 Disk Size: 20000669696  
 2014-08-05 15:26:56.400 Percent of 1177 data files in use: 23.9  
 2014-08-05 15:26:56.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-05 15:26:56.400 Channel Sensitivities (uV per count):  
 2014-08-05 15:26:56.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-05 15:26:56.400 Digitizer Calibration Results:  
 2014-08-05 15:26:56.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%

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2014-08-05 15:26:56.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-05 15:26:56.400 DMU1 Software Version=10
2014-08-05 15:26:56.400 Supply Voltage=12.7
2014-08-05 15:26:56.400 Supply Current=0.41
2014-08-05 15:26:56.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-05 15:26:56.400 WebLink Data Maps Restored
2014-08-05 15:26:56.400 [2014-08-05 03:26:03.999998] sequence resumes: 10459273 to
10459273
2014-08-05 15:26:56.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-05 15:26:55
2014-08-05 15:32:22.600 Reducing Status Polling Interval
2014-08-05 15:32:22.600 [2014-08-05 15:32:21.999998] total packets received: 49204
2014-08-05 15:32:22.600 [2014-08-05 15:32:21.999998] command timeouts: 6
2014-08-05 15:32:22.600 [2014-08-05 15:32:21.999998] out of window: 62
2014-08-05 15:32:22.600 written: HHZ-1177 HH1-1342 HH2-1331 BDH-433 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-08-05 15:32:22.600 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-08-05 15:32:22.600 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-05 15:32:22.600 [2014-08-05 15:32:21.999998] Done: 4418 recs. seq end:
10502851. run: 322 s
2014-08-06 03:33:15.380
2014-08-06 03:33:15.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-06 03:33:15.380 Control Port 2491 Opened
2014-08-06 03:33:15.380 Baler ready on Ethernet
2014-08-06 03:33:15.380 Power Cycled Baler Acknowledged
2014-08-06 03:33:15.380 Commands Accepted by Q330
2014-08-06 03:33:15.380 Access timeout: 300 sec
2014-08-06 03:33:15.380 Control Port 4023 Opened
2014-08-06 03:33:15.380 Data Port 4024 Opened
2014-08-06 03:33:15.380 Registered with Q330
2014-08-06 03:33:15.380 Combination Record Received
2014-08-06 03:33:15.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-06 03:33:15.380 Link Reset, starting window sequence: 25422
2014-08-06 03:33:15.380 GPS Receiver ID Received
2014-08-06 03:33:15.380 Manufacturer's Data Received, Property Tag=2017
2014-08-06 03:33:15.380 Digitizer Gain & Offsets Received
2014-08-06 03:33:15.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4418 recs.
seq end: 10502851
2014-08-06 03:33:15.380 Baler clock set to 2014-08-06 03:33:14
2014-08-06 03:33:15.380 Starting to Read DP Tokens
2014-08-06 03:33:15.380 DP Tokens loaded, size=1474 bytes
2014-08-06 03:33:15.380 webserver advertising 192.168.200.119:5380
2014-08-06 03:33:15.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-06 03:33:15.380 filters & delay HH1:2@100,Linear all=0.320000
2014-08-06 03:33:15.380 filters & delay HH2:3@100,Linear all=0.320000
2014-08-06 03:33:15.380 filters & delay BDH:4@20,Linear all=1.650000
2014-08-06 03:33:15.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-06 03:33:15.380 filters & delay LH1:2@1,Linear all=15.000000
2014-08-06 03:33:15.380 filters & delay LH2:3@1,Linear all=15.000000
2014-08-06 03:33:15.380 filters & delay LDH:4@1,Linear all=15.000000
2014-08-06 03:33:15.380 [2014-08-05 15:32:21.999998] continuity found: 10502851
460567942.000000 q=100
2014-08-06 03:33:15.380 [2014-08-05 15:32:21.999998] restoring continuity
2014-08-06 03:33:15.380 Sending DT_OPEN
2014-08-06 03:33:15.380 Station: XX-2017
2014-08-06 03:33:15.380 AMB Serial Number: 0100000B6909DD82
2014-08-06 03:33:15.380 Seismo 1 Serial Number: 0000000000000000
2014-08-06 03:33:15.380 Seismo 2 Serial Number: 0000000000000000
2014-08-06 03:33:15.380 QAPCHP 1 Serial Number: 4643206
2014-08-06 03:33:15.380 QAPCHP 2 Serial Number: 3743050
2014-08-06 03:33:15.380 KMI Property Tag Number: 2017
2014-08-06 03:33:15.380 System Software Version: 1.146

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S01\_messages.txt

2014-08-06 03:33:15.380 Slave Processor Version: 1.11  
 2014-08-06 03:33:15.380 Calibrator Type: QCAL330  
 2014-08-06 03:33:15.380 Calibrator Version: 1.8  
 2014-08-06 03:33:15.380 Auxiliary Board Type: None  
 2014-08-06 03:33:15.380 Clock Type: Motorola M12  
 2014-08-06 03:33:15.380 PLD Version: 7.9  
 2014-08-06 03:33:15.380 Total Hours: 68072.03  
 2014-08-06 03:33:15.380 Power On Hours: 32702.42  
 2014-08-06 03:33:15.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-06 03:33:15.380 Total Number of Boots: 120  
 2014-08-06 03:33:15.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-06 03:33:15.380 Total Number of Re-Syncs: 213  
 2014-08-06 03:33:15.380 Status Inputs: 00000000  
 2014-08-06 03:33:15.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-06 03:33:15.380 Clock Quality: 100%  
 2014-08-06 03:33:15.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-06 03:33:15.380 Clock Phase: 0 usec. max allowed=50000  
 2014-08-06 03:33:15.380 Boom positions:  
 2014-08-06 03:33:15.380 ch1: -2 ch2: 1 ch3: 2 ch4: 20 ch5: 20 ch6: 20  
 2014-08-06 03:33:15.380 Analog Status  
 2014-08-06 03:33:15.380 Analog Positive Supply: 5.46V  
 2014-08-06 03:33:15.380 Input Voltage: 13.20V  
 2014-08-06 03:33:15.380 System Temperature: 5C  
 2014-08-06 03:33:15.380 Main Current: 62ma  
 2014-08-06 03:33:15.380 Antenna Current: 0ma  
 2014-08-06 03:33:15.380 GPS Status  
 2014-08-06 03:33:15.380 Time: 03:33:14  
 2014-08-06 03:33:15.380 Date:  
 2014-08-06 03:33:15.380 Fix Type: 1-D  
 2014-08-06 03:33:15.380 Height:  
 2014-08-06 03:33:15.380 Latitude:  
 2014-08-06 03:33:15.380 Longitude:  
 2014-08-06 03:33:15.380 On Time: 0min  
 2014-08-06 03:33:15.380 Sat. Used: 0  
 2014-08-06 03:33:15.380 In View: 0  
 2014-08-06 03:33:15.380 Checksum Errors: 0  
 2014-08-06 03:33:15.380 Last GPS timemark: 2014-08-06 03:33:13  
 2014-08-06 03:33:15.380 PLL Status  
 2014-08-06 03:33:15.380 State: Lock  
 2014-08-06 03:33:15.380 Initial VCO: 2200.334473  
 2014-08-06 03:33:15.380 Time Error: 0.000000  
 2014-08-06 03:33:15.380 RMS VCO: 0.000000  
 2014-08-06 03:33:15.380 Best VCO: 2200.39  
 2014-08-06 03:33:15.380 Seconds Since Track or Lock: 0.0  
 2014-08-06 03:33:15.380 Vco Control: 2200  
 2014-08-06 03:33:15.380 timing mode: external seascan  
 2014-08-06 03:33:15.380 tempco normal  
 2014-08-06 03:33:15.380 PLL update: 10s PLL lock criterion: 5us  
 2014-08-06 03:33:15.380 Pfrac: 150.00  
 2014-08-06 03:33:15.380 VCO slope: -0.0175000  
 2014-08-06 03:33:15.380 VCO intercept: 7.1100001  
 2014-08-06 03:33:15.380 km delta: 600.0000000  
 2014-08-06 03:33:15.380 Logical Port 4 Status  
 2014-08-06 03:33:15.380 Data Packets Sent: 11823151  
 2014-08-06 03:33:15.380 Flood Packets Sent: 0  
 2014-08-06 03:33:15.380 Packets Re-Sent: 18252  
 2014-08-06 03:33:15.380 Sequence Errors: 0  
 2014-08-06 03:33:15.380 Packet Buffer Used: 21938932  
 2014-08-06 03:33:15.380 Physical Port: Ethernet  
 2014-08-06 03:33:15.380 Baler Model: 14 Software Version: 2.28  
 2014-08-06 03:33:15.380 MAC Address: 00:04:FB:00:02:EA  
 2014-08-06 03:33:15.380 Disk Size: 20000669696  
 2014-08-06 03:33:15.380 Percent of 1177 data files in use: 23.9

S01\_messages.txt

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2014-08-06 03:33:15.380 Channels Enabled: 1234 Preamps ON channels:
2014-08-06 03:33:15.380 Channel Sensitivities (uV per count):
2014-08-06 03:33:15.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-06 03:33:15.380 Digitizer Calibration Results:
2014-08-06 03:33:15.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-06 03:33:15.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-06 03:33:15.380 DMU1 Software Version=10
2014-08-06 03:33:15.380 Supply Voltage=12.7
2014-08-06 03:33:15.380 Supply Current=0.40
2014-08-06 03:33:15.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-06 03:33:15.380 webLink Data Maps Restored
2014-08-06 03:33:15.380 [2014-08-05 15:32:21.999998] sequence resumes: 10502851 to
10502851
2014-08-06 03:33:15.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-06 03:33:14
2014-08-06 03:36:57.940 [2014-08-06 00:00:00.000000] saving Configuration to Backup
Memory
2014-08-06 03:38:46.360 [2014-08-06 03:36:57.000000] total packets received: 44348
2014-08-06 03:38:46.360 [2014-08-06 03:36:57.000000] command timeouts: 6
2014-08-06 03:38:46.360 [2014-08-06 03:36:57.000000] out of window: 80
2014-08-06 03:38:46.360 written: HHZ-1153 HH1-1331 HH2-1377 BDH-439 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-06 03:38:46.360 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-06 03:38:46.360 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-06 03:38:46.360 [2014-08-06 03:36:57.000000] Done: 4445 recs. seq end:
10546326. run: 325 s
2014-08-06 15:39:37.330
2014-08-06 15:39:37.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-06 15:39:37.330 Control Port 2491 Opened
2014-08-06 15:39:37.330 Baler ready on Ethernet
2014-08-06 15:39:37.330 Power Cycled Baler Acknowledged
2014-08-06 15:39:37.330 Commands Accepted by Q330
2014-08-06 15:39:37.330 Access timeout: 300 sec
2014-08-06 15:39:37.330 Control Port 4023 Opened
2014-08-06 15:39:37.330 Data Port 4024 Opened
2014-08-06 15:39:37.330 Registered with Q330
2014-08-06 15:39:37.330 Combination Record Received
2014-08-06 15:39:37.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-06 15:39:37.330 Link Reset, starting window sequence: 4119
2014-08-06 15:39:37.330 GPS Receiver ID Received
2014-08-06 15:39:37.330 Manufacturer's Data Received, Property Tag=2017
2014-08-06 15:39:37.330 Digitizer Gain & Offsets Received
2014-08-06 15:39:37.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4445 recs.
seq end: 10546326
2014-08-06 15:39:37.330 Baler clock set to 2014-08-06 15:39:36
2014-08-06 15:39:37.330 Starting to Read DP Tokens
2014-08-06 15:39:37.330 DP Tokens loaded, size=1474 bytes
2014-08-06 15:39:37.330 webserver advertising 192.168.200.119:5380
2014-08-06 15:39:37.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-06 15:39:37.330 filters & delay HH1:2@100,Linear all=0.320000
2014-08-06 15:39:37.330 filters & delay HH2:3@100,Linear all=0.320000
2014-08-06 15:39:37.330 filters & delay BDH:4@20,Linear all=1.650000
2014-08-06 15:39:37.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-06 15:39:37.330 filters & delay LH1:2@1,Linear all=15.000000
2014-08-06 15:39:37.330 filters & delay LH2:3@1,Linear all=15.000000
2014-08-06 15:39:37.330 filters & delay LDH:4@1,Linear all=15.000000
2014-08-06 15:39:37.330 [2014-08-06 03:36:57.000000] continuity found: 10546326
460611417.000000 Q=100
2014-08-06 15:39:37.330 [2014-08-06 03:36:57.000000] restoring continuity
2014-08-06 15:39:37.330 Sending DT_OPEN
2014-08-06 15:39:37.330 Station: XX-2017
2014-08-06 15:39:37.330 Q330 Serial Number: 0100000DB18FC351

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S01\_messages.txt

2014-08-06 15:39:37.330 AMB Serial Number: 0100000B6909DD82  
 2014-08-06 15:39:37.330 Seismo 1 Serial Number: 0000000000000000  
 2014-08-06 15:39:37.330 Seismo 2 Serial Number: 0000000000000000  
 2014-08-06 15:39:37.330 QAPCHP 1 Serial Number: 4643206  
 2014-08-06 15:39:37.330 QAPCHP 2 Serial Number: 3743050  
 2014-08-06 15:39:37.330 KMI Property Tag Number: 2017  
 2014-08-06 15:39:37.330 System Software Version: 1.146  
 2014-08-06 15:39:37.330 Slave Processor Version: 1.11  
 2014-08-06 15:39:37.330 Calibrator Type: QCAL330  
 2014-08-06 15:39:37.330 Calibrator Version: 1.8  
 2014-08-06 15:39:37.330 Auxiliary Board Type: None  
 2014-08-06 15:39:37.330 Clock Type: Motorola M12  
 2014-08-06 15:39:37.330 PLD Version: 7.9  
 2014-08-06 15:39:37.330 Total Hours: 68084.14  
 2014-08-06 15:39:37.330 Power On Hours: 32714.53  
 2014-08-06 15:39:37.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-06 15:39:37.330 Total Number of Boots: 120  
 2014-08-06 15:39:37.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-06 15:39:37.330 Total Number of Re-Syncs: 213  
 2014-08-06 15:39:37.330 Status Inputs: 00000000  
 2014-08-06 15:39:37.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-06 15:39:37.330 Clock Quality: 100%  
 2014-08-06 15:39:37.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-06 15:39:37.330 Clock Phase: 0 usec. max allowed=50000  
 2014-08-06 15:39:37.330 Boom positions:  
 2014-08-06 15:39:37.330 Ch1: -2 Ch2: -1 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-08-06 15:39:37.330 Analog Status  
 2014-08-06 15:39:37.330 Analog Positive Supply: 5.46V  
 2014-08-06 15:39:37.330 Input Voltage: 13.20V  
 2014-08-06 15:39:37.330 System Temperature: 5C  
 2014-08-06 15:39:37.330 Main Current: 62ma  
 2014-08-06 15:39:37.330 Antenna Current: 0ma  
 2014-08-06 15:39:37.330 GPS Status  
 2014-08-06 15:39:37.330 Time: 15:39:36  
 2014-08-06 15:39:37.330 Date:  
 2014-08-06 15:39:37.330 Fix Type: 1-D  
 2014-08-06 15:39:37.330 Height:  
 2014-08-06 15:39:37.330 Latitude:  
 2014-08-06 15:39:37.330 Longitude:  
 2014-08-06 15:39:37.330 On Time: 0min  
 2014-08-06 15:39:37.330 Sat. Used: 0  
 2014-08-06 15:39:37.330 In View: 0  
 2014-08-06 15:39:37.330 Checksum Errors: 0  
 2014-08-06 15:39:37.330 Last GPS timemark: 2014-08-06 15:39:35  
 2014-08-06 15:39:37.330 PLL Status  
 2014-08-06 15:39:37.330 State: Lock  
 2014-08-06 15:39:37.330 Initial VCO: 2200.001953  
 2014-08-06 15:39:37.330 Time Error: 0.000000  
 2014-08-06 15:39:37.330 RMS VCO: 0.000000  
 2014-08-06 15:39:37.330 Best VCO: 2200.00  
 2014-08-06 15:39:37.330 Seconds Since Track or Lock: 0.0  
 2014-08-06 15:39:37.330 Vco Control: 2200  
 2014-08-06 15:39:37.330 timing mode: external seascan  
 2014-08-06 15:39:37.330 tempco normal  
 2014-08-06 15:39:37.330 PLL update: 10s PLL lock criterion: 5us  
 2014-08-06 15:39:37.330 Pfrac: 150.00  
 2014-08-06 15:39:37.330 VCO slope: -0.0175000  
 2014-08-06 15:39:37.330 VCO intercept: 7.1100001  
 2014-08-06 15:39:37.330 Km delta: 600.000000  
 2014-08-06 15:39:37.330 Logical Port 4 Status  
 2014-08-06 15:39:37.330 Data Packets Sent: 11867389  
 2014-08-06 15:39:37.330 Flood Packets Sent: 0  
 2014-08-06 15:39:37.330 Packets Re-Sent: 18350

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2014-08-06 15:39:37.330 Sequence Errors: 0  
 2014-08-06 15:39:37.330 Packet Buffer Used: 21644636  
 2014-08-06 15:39:37.330 Physical Port: Ethernet  
 2014-08-06 15:39:37.330 Baler Model: 14 Software Version: 2.28  
 2014-08-06 15:39:37.330 MAC Address: 00:04:FB:00:02:EA  
 2014-08-06 15:39:37.330 Disk Size: 20000669696  
 2014-08-06 15:39:37.330 Percent of 1177 data files in use: 24.0  
 2014-08-06 15:39:37.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-06 15:39:37.330 Channel Sensitivities (uV per count):  
 2014-08-06 15:39:37.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-06 15:39:37.330 Digitizer Calibration Results:  
 2014-08-06 15:39:37.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-06 15:39:37.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-06 15:39:37.330 DMU1 Software Version=10  
 2014-08-06 15:39:37.330 Supply Voltage=12.8  
 2014-08-06 15:39:37.330 Supply Current=0.40  
 2014-08-06 15:39:37.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-06 15:39:37.330 WebLink Data Maps Restored  
 2014-08-06 15:39:37.330 [2014-08-06 03:36:57.000000] sequence resumes: 10546326 to 10546326  
 2014-08-06 15:39:37.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-06 15:39:36  
 2014-08-06 15:45:01.170 Reducing Status Polling Interval  
 2014-08-06 15:45:01.170 [2014-08-06 15:44:59.999998] total packets received: 45399  
 2014-08-06 15:45:01.170 [2014-08-06 15:44:59.999998] out of window: 63  
 2014-08-06 15:45:01.170 written: HHZ-1142 HH1-1297 HH2-1355 BDH-440 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-08-06 15:45:01.170 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-08-06 15:45:01.170 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-06 15:45:01.170 [2014-08-06 15:44:59.999998] Done: 4375 recs. seq end: 10590009. run: 319 s  
 2014-08-07 03:45:55.390  
 2014-08-07 03:45:55.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-07 03:45:55.390 Control Port 2491 Opened  
 2014-08-07 03:45:55.390 Baler ready on Ethernet  
 2014-08-07 03:45:55.390 Power Cycled Baler Acknowledged  
 2014-08-07 03:45:55.390 Commands Accepted by Q330  
 2014-08-07 03:45:55.390 Access timeout: 300 sec  
 2014-08-07 03:45:55.390 Control Port 4023 Opened  
 2014-08-07 03:45:55.390 Data Port 4024 Opened  
 2014-08-07 03:45:55.390 Registered with Q330  
 2014-08-07 03:45:55.390 Combination Record Received  
 2014-08-07 03:45:55.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-07 03:45:55.390 Link Reset, starting window sequence: 49420  
 2014-08-07 03:45:55.390 GPS Receiver ID Received  
 2014-08-07 03:45:55.390 Manufacturer's Data Received, Property Tag=2017  
 2014-08-07 03:45:55.390 Digitizer Gain & Offsets Received  
 2014-08-07 03:45:55.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4375 recs. seq end: 10590009  
 2014-08-07 03:45:55.390 Baler clock set to 2014-08-07 03:45:54  
 2014-08-07 03:45:55.390 Starting to Read DP Tokens  
 2014-08-07 03:45:55.390 DP Tokens loaded, size=1474 bytes  
 2014-08-07 03:45:55.390 webserver advertising 192.168.200.119:5380  
 2014-08-07 03:45:55.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-07 03:45:55.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-07 03:45:55.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-07 03:45:55.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-07 03:45:55.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-07 03:45:55.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-07 03:45:55.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-07 03:45:55.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-07 03:45:55.390 [2014-08-06 15:44:59.999998] continuity found: 10590009

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460655100.000000 Q=100
2014-08-07 03:45:55.390 [2014-08-06 15:44:59.999998] restoring continuity
2014-08-07 03:45:55.390 Sending DT_OPEN
2014-08-07 03:45:55.390 Station: XX-2017
2014-08-07 03:45:55.390 Q330 Serial Number: 0100000DB18FC351
2014-08-07 03:45:55.390 AMB Serial Number: 0100000B6909DD82
2014-08-07 03:45:55.390 Seismo 1 Serial Number: 0000000000000000
2014-08-07 03:45:55.390 Seismo 2 Serial Number: 0000000000000000
2014-08-07 03:45:55.390 QAPCHP 1 Serial Number: 4643206
2014-08-07 03:45:55.390 QAPCHP 2 Serial Number: 3743050
2014-08-07 03:45:55.390 KMI Property Tag Number: 2017
2014-08-07 03:45:55.390 System Software Version: 1.146
2014-08-07 03:45:55.390 Slave Processor Version: 1.11
2014-08-07 03:45:55.390 Calibrator Type: QCAL330
2014-08-07 03:45:55.390 Calibrator Version: 1.8
2014-08-07 03:45:55.390 Auxiliary Board Type: None
2014-08-07 03:45:55.390 Clock Type: Motorola M12
2014-08-07 03:45:55.390 PLD Version: 7.9
2014-08-07 03:45:55.390 Total Hours: 68096.25
2014-08-07 03:45:55.390 Power On Hours: 32726.63
2014-08-07 03:45:55.390 Time of Last Boot: 2014-04-06 02:03:58
2014-08-07 03:45:55.390 Total Number of Boots: 120
2014-08-07 03:45:55.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-07 03:45:55.390 Total Number of Re-Syncs: 213
2014-08-07 03:45:55.390 Status Inputs: 00000000
2014-08-07 03:45:55.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-07 03:45:55.390 Clock Quality: 100%
2014-08-07 03:45:55.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-07 03:45:55.390 Clock Phase: 1 usec. max allowed=50000
2014-08-07 03:45:55.390 Boom positions:
2014-08-07 03:45:55.390 ch1: -2 ch2: -3 ch3: 10 ch4: 20 ch5: 20 ch6: 20
2014-08-07 03:45:55.390 Analog Status
2014-08-07 03:45:55.390 Analog Positive Supply: 5.46V
2014-08-07 03:45:55.390 Input Voltage: 13.35V
2014-08-07 03:45:55.390 System Temperature: 5C
2014-08-07 03:45:55.390 Main Current: 61ma
2014-08-07 03:45:55.390 Antenna Current: 0ma
2014-08-07 03:45:55.390 GPS Status
2014-08-07 03:45:55.390 Time: 03:45:54
2014-08-07 03:45:55.390 Date:
2014-08-07 03:45:55.390 Fix Type: 1-D
2014-08-07 03:45:55.390 Height:
2014-08-07 03:45:55.390 Latitude:
2014-08-07 03:45:55.390 Longitude:
2014-08-07 03:45:55.390 On Time: 0min
2014-08-07 03:45:55.390 Sat. Used: 0
2014-08-07 03:45:55.390 In View: 0
2014-08-07 03:45:55.390 Checksum Errors: 0
2014-08-07 03:45:55.390 Last GPS timemark: 2014-08-07 03:45:53
2014-08-07 03:45:55.390 PLL Status
2014-08-07 03:45:55.390 State: Lock
2014-08-07 03:45:55.390 Initial VCO: 2200.597168
2014-08-07 03:45:55.390 Time Error: -0.000001
2014-08-07 03:45:55.390 RMS VCO: 0.0000000
2014-08-07 03:45:55.390 Best VCO: 2200.91
2014-08-07 03:45:55.390 Seconds Since Track or Lock: 0.0
2014-08-07 03:45:55.390 Vco Control: 2201
2014-08-07 03:45:55.390 timing mode: external seascan
2014-08-07 03:45:55.390 tempco normal
2014-08-07 03:45:55.390 PLL update: 10s PLL lock criterion: 5us
2014-08-07 03:45:55.390 Pfrac: 150.00
2014-08-07 03:45:55.390 VCO slope: -0.0175000
2014-08-07 03:45:55.390 VCO intercept: 7.1100001

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2014-08-07 03:45:55.390 Km delta: 600.000000
2014-08-07 03:45:55.390 Logical Port 4 Status
2014-08-07 03:45:55.390 Data Packets Sent: 11912695
2014-08-07 03:45:55.390 Flood Packets Sent: 0
2014-08-07 03:45:55.390 Packets Re-Sent: 18432
2014-08-07 03:45:55.390 Sequence Errors: 0
2014-08-07 03:45:55.390 Packet Buffer Used: 21986816
2014-08-07 03:45:55.390 Physical Port: Ethernet
2014-08-07 03:45:55.390 Baler Model: 14 Software Version: 2.28
2014-08-07 03:45:55.390 MAC Address: 00:04:FB:00:02:EA
2014-08-07 03:45:55.390 Disk Size: 20000669696
2014-08-07 03:45:55.390 Percent of 1177 data files in use: 24.2
2014-08-07 03:45:55.390 Channels Enabled: 1234 Preamps ON channels:
2014-08-07 03:45:55.390 Channel Sensitivities (uV per count):
2014-08-07 03:45:55.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-07 03:45:55.390 Digitizer Calibration Results:
2014-08-07 03:45:55.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-07 03:45:55.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-07 03:45:55.390 DMU1 Software Version=10
2014-08-07 03:45:55.390 Supply Voltage=12.7
2014-08-07 03:45:55.390 Supply Current=0.40
2014-08-07 03:45:55.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-07 03:45:55.390 webLink Data Maps Restored
2014-08-07 03:45:55.390 [2014-08-06 15:44:59.999998] sequence resumes: 10590009 to
10590009
2014-08-07 03:45:55.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-07 03:45:54
2014-08-07 03:49:29.980 [2014-08-07 00:00:00.000000] saving Configuration to Backup
Memory
2014-08-07 03:51:25.270 [2014-08-07 03:51:23.999998] total packets received: 48195
2014-08-07 03:51:25.270 [2014-08-07 03:51:23.999998] command timeouts: 6
2014-08-07 03:51:25.270 [2014-08-07 03:51:23.999998] out of window: 71
2014-08-07 03:51:25.270 written: HHZ-1158 HH1-1357 HH2-1378 BDH-434 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-08-07 03:51:25.270 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2014-08-07 03:51:25.270 written: VM2-1 LOG-3 ACE-2 OCF-2
2014-08-07 03:51:25.270 [2014-08-07 03:51:23.999998] Done: 4465 recs. seq end:
10633593. run: 325 s
2014-08-07 15:52:17.390
2014-08-07 15:52:17.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-07 15:52:17.390 Control Port 2491 Opened
2014-08-07 15:52:17.390 Baler ready on Ethernet
2014-08-07 15:52:17.390 Power Cycled Baler Acknowledged
2014-08-07 15:52:17.390 Commands Accepted by Q330
2014-08-07 15:52:17.390 Access timeout: 300 sec
2014-08-07 15:52:17.390 Control Port 4023 Opened
2014-08-07 15:52:17.390 Data Port 4024 Opened
2014-08-07 15:52:17.390 Registered with Q330
2014-08-07 15:52:17.390 Combination Record Received
2014-08-07 15:52:17.390 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-07 15:52:17.390 Link Reset, starting window sequence: 31973
2014-08-07 15:52:17.390 GPS Receiver ID Received
2014-08-07 15:52:17.390 Manufacturer's Data Received, Property Tag=2017
2014-08-07 15:52:17.390 Digitizer Gain & Offsets Received
2014-08-07 15:52:17.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4465 recs.
seq end: 10633593
2014-08-07 15:52:17.390 Baler clock set to 2014-08-07 15:52:16
2014-08-07 15:52:17.390 Starting to Read DP Tokens
2014-08-07 15:52:17.390 DP Tokens loaded, size=1474 bytes
2014-08-07 15:52:17.390 webserver advertising 192.168.200.119:5380
2014-08-07 15:52:17.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-07 15:52:17.390 filters & delay HH1:2@100,Linear all=0.320000

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2014-08-07 15:52:17.390 filters & delay HH2:3@100,Linear all=0.320000
2014-08-07 15:52:17.390 filters & delay BDH:4@20,Linear all=1.650000
2014-08-07 15:52:17.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-07 15:52:17.390 filters & delay LH1:2@1,Linear all=15.000000
2014-08-07 15:52:17.390 filters & delay LH2:3@1,Linear all=15.000000
2014-08-07 15:52:17.390 filters & delay LDH:4@1,Linear all=15.000000
2014-08-07 15:52:17.390 [2014-08-07 03:51:23.999998] continuity found: 10633593
460698684.000000 Q=100
2014-08-07 15:52:17.390 [2014-08-07 03:51:23.999998] restoring continuity
2014-08-07 15:52:17.390 Sending DT_OPEN
2014-08-07 15:52:17.390 Station: XX-2017
2014-08-07 15:52:17.390 Q330 Serial Number: 0100000DB18FC351
2014-08-07 15:52:17.390 AMB Serial Number: 0100000B6909DD82
2014-08-07 15:52:17.390 Seismo 1 Serial Number: 0000000000000000
2014-08-07 15:52:17.390 Seismo 2 Serial Number: 0000000000000000
2014-08-07 15:52:17.390 QAPCHP 1 Serial Number: 4643206
2014-08-07 15:52:17.390 QAPCHP 2 Serial Number: 3743050
2014-08-07 15:52:17.390 KMI Property Tag Number: 2017
2014-08-07 15:52:17.390 System Software Version: 1.146
2014-08-07 15:52:17.390 Slave Processor Version: 1.11
2014-08-07 15:52:17.390 Calibrator Type: QCAL330
2014-08-07 15:52:17.390 Calibrator Version: 1.8
2014-08-07 15:52:17.390 Auxiliary Board Type: None
2014-08-07 15:52:17.390 Clock Type: Motorola M12
2014-08-07 15:52:17.390 PLD Version: 7.9
2014-08-07 15:52:17.390 Total Hours: 68108.35
2014-08-07 15:52:17.390 Power On Hours: 32738.74
2014-08-07 15:52:17.390 Time of Last Boot: 2014-04-06 02:03:58
2014-08-07 15:52:17.390 Total Number of Boots: 120
2014-08-07 15:52:17.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-07 15:52:17.390 Total Number of Re-Syncs: 213
2014-08-07 15:52:17.390 Status Inputs: 00000000
2014-08-07 15:52:17.390 AC OK: Off, Input 1,2: off,off, Analog Fault: off
2014-08-07 15:52:17.390 Clock Quality: 100%
2014-08-07 15:52:17.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-07 15:52:17.390 Clock Phase: 0 usec. max allowed=50000
2014-08-07 15:52:17.390 Boom positions:
2014-08-07 15:52:17.390 Ch1: -2 Ch2: -6 Ch3: 14 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-07 15:52:17.390 Analog Status
2014-08-07 15:52:17.390 Analog Positive Supply: 5.46V
2014-08-07 15:52:17.390 Input Voltage: 13.20V
2014-08-07 15:52:17.390 System Temperature: 5C
2014-08-07 15:52:17.390 Main Current: 63ma
2014-08-07 15:52:17.390 Antenna Current: 0ma
2014-08-07 15:52:17.390 GPS Status
2014-08-07 15:52:17.390 Time: 15:52:16
2014-08-07 15:52:17.390 Date:
2014-08-07 15:52:17.390 Fix Type: 1-D
2014-08-07 15:52:17.390 Height:
2014-08-07 15:52:17.390 Longitude:
2014-08-07 15:52:17.390 On Time: 0min
2014-08-07 15:52:17.390 Sat. Used: 0
2014-08-07 15:52:17.390 In View: 0
2014-08-07 15:52:17.390 Checksum Errors: 0
2014-08-07 15:52:17.390 Last GPS timemark: 2014-08-07 15:52:15
2014-08-07 15:52:17.390 PLL Status
2014-08-07 15:52:17.390 State: Lock
2014-08-07 15:52:17.390 Initial VCO: 2200.334961
2014-08-07 15:52:17.390 Time Error: 0.000000
2014-08-07 15:52:17.390 RMS VCO: 0.000000
2014-08-07 15:52:17.390 Best VCO: 2200.42
2014-08-07 15:52:17.390 Seconds Since Track or Lock: 0.0
2014-08-07 15:52:17.390 vco control: 2200

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2014-08-07 15:52:17.390 timing mode: external seascan
2014-08-07 15:52:17.390 tempco normal
2014-08-07 15:52:17.390 PLL update: 10s PLL lock criterion: 5us
2014-08-07 15:52:17.390 Pfrac: 150.00
2014-08-07 15:52:17.390 VCO slope: -0.0175000
2014-08-07 15:52:17.390 VCO intercept: 7.1100001
2014-08-07 15:52:17.390 km delta: 600.0000000
2014-08-07 15:52:17.390 Logical Port 4 Status
2014-08-07 15:52:17.390 Data Packets Sent: 11960789
2014-08-07 15:52:17.390 Flood Packets Sent: 0
2014-08-07 15:52:17.390 Packets Re-Sent: 18516
2014-08-07 15:52:17.390 Sequence Errors: 0
2014-08-07 15:52:17.390 Packet Buffer Used: 22329556
2014-08-07 15:52:17.390 Physical Port: Ethernet
2014-08-07 15:52:17.390 Baler Model: 14 Software Version: 2.28
2014-08-07 15:52:17.390 MAC Address: 00:04:FB:00:02:EA
2014-08-07 15:52:17.390 Disk Size: 20000669696
2014-08-07 15:52:17.390 Percent of 1177 data files in use: 24.2
2014-08-07 15:52:17.390 Channels Enabled: 1234 Preamps ON channels:
2014-08-07 15:52:17.390 Channel Sensitivities (uV per count):
2014-08-07 15:52:17.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-07 15:52:17.390 Digitizer Calibration Results:
2014-08-07 15:52:17.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-07 15:52:17.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-07 15:52:17.390 DMU1 Software Version=10
2014-08-07 15:52:17.390 Supply Voltage=12.7
2014-08-07 15:52:17.390 Supply Current=0.41
2014-08-07 15:52:17.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-07 15:52:17.390 webLink Data Maps Restored
2014-08-07 15:52:17.390 [2014-08-07 03:51:23.999998] sequence resumes: 10633593 to
10633593
2014-08-07 15:52:17.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-07 15:52:16
2014-08-07 15:57:47.490 [2014-08-07 15:57:47.000000] total packets received: 47190
2014-08-07 15:57:47.490 [2014-08-07 15:57:47.000000] command timeouts: 6
2014-08-07 15:57:47.490 [2014-08-07 15:57:47.000000] out of window: 71
2014-08-07 15:57:47.490 written: HHZ-1115 HH1-1454 HH2-1437 BDH-426 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-07 15:57:47.490 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-07 15:57:47.490 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-07 15:57:47.490 [2014-08-07 15:57:47.000000] Done: 4570 recs. seq end:
10677176. run: 325 s
2014-08-08 03:58:40.330
2014-08-08 03:58:40.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-08 03:58:40.330 Control Port 2491 Opened
2014-08-08 03:58:40.330 Baler ready on Ethernet
2014-08-08 03:58:40.330 Power Cycled Baler Acknowledged
2014-08-08 03:58:40.330 Commands Accepted by Q330
2014-08-08 03:58:40.330 Access timeout: 300 sec
2014-08-08 03:58:40.330 Control Port 4023 Opened
2014-08-08 03:58:40.330 Data Port 4024 Opened
2014-08-08 03:58:40.330 Registered with Q330
2014-08-08 03:58:40.330 Combination Record Received
2014-08-08 03:58:40.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-08 03:58:40.330 Link Reset, starting window sequence: 13521
2014-08-08 03:58:40.330 GPS Receiver ID Received
2014-08-08 03:58:40.330 Manufacturer's Data Received, Property Tag=2017
2014-08-08 03:58:40.330 Digitizer Gain & Offsets Received
2014-08-08 03:58:40.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4570 recs.
seq end: 10677176
2014-08-08 03:58:40.330 Baler clock set to 2014-08-08 03:58:39
2014-08-08 03:58:40.330 Starting to Read DP Tokens

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2014-08-08 03:58:40.330 DP Tokens loaded, size=1474 bytes
2014-08-08 03:58:40.330 Webserver advertising 192.168.200.119:5380
2014-08-08 03:58:40.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-08 03:58:40.330 filters & delay HH1:2@100,Linear all=0.320000
2014-08-08 03:58:40.330 filters & delay HH2:3@100,Linear all=0.320000
2014-08-08 03:58:40.330 filters & delay BDH:4@20,Linear all=1.650000
2014-08-08 03:58:40.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-08 03:58:40.330 filters & delay LH1:2@1,Linear all=15.000000
2014-08-08 03:58:40.330 filters & delay LH2:3@1,Linear all=15.000000
2014-08-08 03:58:40.330 filters & delay LDH:4@1,Linear all=15.000000
2014-08-08 03:58:40.330 [2014-08-07 15:57:47.000000] continuity found: 10677176
460742267.000000 Q=100
2014-08-08 03:58:40.330 [2014-08-07 15:57:47.000000] restoring continuity
2014-08-08 03:58:40.330 Sending DT_OPEN
2014-08-08 03:58:40.330 Station: XX-2017
2014-08-08 03:58:40.330 Q330 Serial Number: 0100000DB18FC351
2014-08-08 03:58:40.330 AMB Serial Number: 0100000B6909DD82
2014-08-08 03:58:40.330 Seismo 1 Serial Number: 0000000000000000
2014-08-08 03:58:40.330 Seismo 2 Serial Number: 0000000000000000
2014-08-08 03:58:40.330 QAPCHP 1 Serial Number: 4643206
2014-08-08 03:58:40.330 QAPCHP 2 Serial Number: 3743050
2014-08-08 03:58:40.330 KMI Property Tag Number: 2017
2014-08-08 03:58:40.330 System Software Version: 1.146
2014-08-08 03:58:40.330 Slave Processor Version: 1.11
2014-08-08 03:58:40.330 Calibrator Type: QCAL330
2014-08-08 03:58:40.330 Calibrator Version: 1.8
2014-08-08 03:58:40.330 Auxiliary Board Type: None
2014-08-08 03:58:40.330 Clock Type: Motorola M12
2014-08-08 03:58:40.330 PLD Version: 7.9
2014-08-08 03:58:40.330 Total Hours: 68120.46
2014-08-08 03:58:40.330 Power On Hours: 32750.84
2014-08-08 03:58:40.330 Time of Last Boot: 2014-04-06 02:03:58
2014-08-08 03:58:40.330 Total Number of Boots: 120
2014-08-08 03:58:40.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-08 03:58:40.330 Total Number of Re-Syncs: 213
2014-08-08 03:58:40.330 Status Inputs: 00000000
2014-08-08 03:58:40.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-08 03:58:40.330 Clock Quality: 100%
2014-08-08 03:58:40.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-08 03:58:40.330 Clock Phase: 1 usec. max allowed=50000
2014-08-08 03:58:40.330 Boom positions:
2014-08-08 03:58:40.330 Ch1: -2 Ch2: -8 Ch3: 18 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-08 03:58:40.330 Analog Status
2014-08-08 03:58:40.330 Analog Positive Supply: 5.46V
2014-08-08 03:58:40.330 Input Voltage: 13.35V
2014-08-08 03:58:40.330 System Temperature: 5C
2014-08-08 03:58:40.330 Main Current: 61ma
2014-08-08 03:58:40.330 Antenna Current: 0ma
2014-08-08 03:58:40.330 GPS Status
2014-08-08 03:58:40.330 Time: 03:58:39
2014-08-08 03:58:40.330 Date:
2014-08-08 03:58:40.330 Fix Type: 1-D
2014-08-08 03:58:40.330 Height:
2014-08-08 03:58:40.330 Latitude:
2014-08-08 03:58:40.330 Longitude:
2014-08-08 03:58:40.330 On Time: 0min
2014-08-08 03:58:40.330 Sat. Used: 0
2014-08-08 03:58:40.330 In View: 0
2014-08-08 03:58:40.330 Checksum Errors: 0
2014-08-08 03:58:40.330 Last GPS timemark: 2014-08-08 03:58:38
2014-08-08 03:58:40.330 PLL Status
2014-08-08 03:58:40.330 State: Lock
2014-08-08 03:58:40.330 Initial VCO: 2200.139648

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2014-08-08 03:58:40.330 Time Error: 0.000000  
 2014-08-08 03:58:40.330 RMS VCO: 0.0000000  
 2014-08-08 03:58:40.330 Best VCO: 2200.12  
 2014-08-08 03:58:40.330 Seconds Since Track or Lock: 0.0  
 2014-08-08 03:58:40.330 Vco Control: 2200  
 2014-08-08 03:58:40.330 timing mode: external seascan  
 2014-08-08 03:58:40.330 tempco normal  
 2014-08-08 03:58:40.330 PLL update: 10s PLL lock criterion: 5us  
 2014-08-08 03:58:40.330 Pfrac: 150.00  
 2014-08-08 03:58:40.330 VCO slope: -0.0175000  
 2014-08-08 03:58:40.330 VCO intercept: 7.1100001  
 2014-08-08 03:58:40.330 km delta: 600.0000000  
 2014-08-08 03:58:40.330 Logical Port 4 Status  
 2014-08-08 03:58:40.330 Data Packets Sent: 12007878  
 2014-08-08 03:58:40.330 Flood Packets Sent: 0  
 2014-08-08 03:58:40.330 Packets Re-Sent: 18600  
 2014-08-08 03:58:40.330 Sequence Errors: 0  
 2014-08-08 03:58:40.330 Packet Buffer Used: 22561656  
 2014-08-08 03:58:40.330 Physical Port: Ethernet  
 2014-08-08 03:58:40.330 Baler Model: 14 Software Version: 2.28  
 2014-08-08 03:58:40.330 MAC Address: 00:04:FB:00:02:EA  
 2014-08-08 03:58:40.330 Disk Size: 20000669696  
 2014-08-08 03:58:40.330 Percent of 1177 data files in use: 24.3  
 2014-08-08 03:58:40.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-08 03:58:40.330 Channel Sensitivities (uV per count):  
 2014-08-08 03:58:40.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-08 03:58:40.330 Digitizer Calibration Results:  
 2014-08-08 03:58:40.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-08 03:58:40.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-08 03:58:40.330 DMU1 Software Version=10  
 2014-08-08 03:58:40.330 Supply Voltage=12.7  
 2014-08-08 03:58:40.330 Supply Current=0.41  
 2014-08-08 03:58:40.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-08 03:58:40.330 webLink Data Maps Restored  
 2014-08-08 03:58:40.330 [2014-08-07 15:57:47.000000] sequence resumes: 10677176 to  
 10677176  
 2014-08-08 03:58:40.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-08-08 03:58:39  
 2014-08-08 04:02:22.510 [2014-08-08 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-08-08 04:04:19.000 Reducing Status Polling Interval  
 2014-08-08 04:04:19.000 [2014-08-08 04:04:18.000000] total packets received: 48724  
 2014-08-08 04:04:19.000 [2014-08-08 04:04:18.000000] command timeouts: 6  
 2014-08-08 04:04:19.000 [2014-08-08 04:04:18.000000] out of window: 70  
 2014-08-08 04:04:19.000 written: HHZ-1139 HH1-1471 HH2-1459 BDH-416 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-08-08 04:04:19.000 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-08-08 04:04:19.000 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-08-08 04:04:19.000 [2014-08-08 04:04:18.000000] Done: 4629 recs. seq end:  
 10720767. run: 333 s  
 2014-08-08 16:05:11.350  
 2014-08-08 16:05:11.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-08 16:05:11.350 Control Port 2491 Opened  
 2014-08-08 16:05:11.350 Baler ready on Ethernet  
 2014-08-08 16:05:11.350 Power Cycled Baler Acknowledged  
 2014-08-08 16:05:11.350 Commands Accepted by Q330  
 2014-08-08 16:05:11.350 Access timeout: 300 sec  
 2014-08-08 16:05:11.350 Control Port 4023 Opened  
 2014-08-08 16:05:11.350 Data Port 4024 Opened  
 2014-08-08 16:05:11.350 Registered with Q330  
 2014-08-08 16:05:11.350 Combination Record Received  
 2014-08-08 16:05:11.350 window=4 Min. Timeout=10 Max. Timeout=30

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2014-08-08 16:05:11.350 Link Reset, starting window sequence: 62139  
 2014-08-08 16:05:11.350 GPS Receiver ID Received  
 2014-08-08 16:05:11.350 Manufacturer's Data Received, Property Tag=2017  
 2014-08-08 16:05:11.350 Digitizer Gain & Offsets Received  
 2014-08-08 16:05:11.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4629 recs.  
 seq end: 10720767  
 2014-08-08 16:05:11.350 Baler clock set to 2014-08-08 16:05:10  
 2014-08-08 16:05:11.350 Starting to Read DP Tokens  
 2014-08-08 16:05:11.350 DP Tokens loaded, size=1474 bytes  
 2014-08-08 16:05:11.350 webserver advertising 192.168.200.119:5380  
 2014-08-08 16:05:11.350 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-08 16:05:11.350 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-08 16:05:11.350 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-08 16:05:11.350 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-08 16:05:11.350 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-08 16:05:11.350 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-08 16:05:11.350 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-08 16:05:11.350 [2014-08-08 04:04:18.000000] continuity found: 10720767  
 460785858.000000 Q=100  
 2014-08-08 16:05:11.350 [2014-08-08 04:04:18.000000] restoring continuity  
 2014-08-08 16:05:11.350 Sending DT\_OPEN  
 2014-08-08 16:05:11.350 Station: XX-2017  
 2014-08-08 16:05:11.350 Q330 Serial Number: 0100000DB18FC351  
 2014-08-08 16:05:11.350 AMB Serial Number: 0100000B6909DD82  
 2014-08-08 16:05:11.350 Seismo 1 Serial Number: 0000000000000000  
 2014-08-08 16:05:11.350 Seismo 2 Serial Number: 0000000000000000  
 2014-08-08 16:05:11.350 QAPCHP 1 Serial Number: 4643206  
 2014-08-08 16:05:11.350 QAPCHP 2 Serial Number: 3743050  
 2014-08-08 16:05:11.350 KMI Property Tag Number: 2017  
 2014-08-08 16:05:11.350 System Software Version: 1.146  
 2014-08-08 16:05:11.350 Slave Processor Version: 1.11  
 2014-08-08 16:05:11.350 Calibrator Type: QCAL330  
 2014-08-08 16:05:11.350 Calibrator Version: 1.8  
 2014-08-08 16:05:11.350 Auxiliary Board Type: None  
 2014-08-08 16:05:11.350 Clock Type: Motorola M12  
 2014-08-08 16:05:11.350 PLD Version: 7.9  
 2014-08-08 16:05:11.350 Total Hours: 68132.57  
 2014-08-08 16:05:11.350 Power On Hours: 32762.95  
 2014-08-08 16:05:11.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-08 16:05:11.350 Total Number of Boots: 120  
 2014-08-08 16:05:11.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-08 16:05:11.350 Total Number of Re-Syncs: 213  
 2014-08-08 16:05:11.350 Status Inputs: 00000000  
 2014-08-08 16:05:11.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-08 16:05:11.350 Clock Quality: 100%  
 2014-08-08 16:05:11.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-08 16:05:11.350 Clock Phase: 0 usec. max allowed=50000  
 2014-08-08 16:05:11.350 Boom positions:  
 2014-08-08 16:05:11.350 ch1: -2 ch2: -11 ch3: 24 ch4: 20 ch5: 20 ch6: 20  
 2014-08-08 16:05:11.350 Analog Status  
 2014-08-08 16:05:11.350 Analog Positive Supply: 5.46V  
 2014-08-08 16:05:11.350 Input Voltage: 13.20V  
 2014-08-08 16:05:11.350 System Temperature: 5C  
 2014-08-08 16:05:11.350 Main Current: 62ma  
 2014-08-08 16:05:11.350 Antenna Current: 0ma  
 2014-08-08 16:05:11.350 GPS Status  
 2014-08-08 16:05:11.350 Time: 16:05:10  
 2014-08-08 16:05:11.350 Date:  
 2014-08-08 16:05:11.350 Fix Type: 1-D  
 2014-08-08 16:05:11.350 Height:  
 2014-08-08 16:05:11.350 Latitude:  
 2014-08-08 16:05:11.350 Longitude:  
 2014-08-08 16:05:11.350 On Time: 0min

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2014-08-08 16:05:11.350 Sat. Used: 0  
 2014-08-08 16:05:11.350 In View: 0  
 2014-08-08 16:05:11.350 Checksum Errors: 0  
 2014-08-08 16:05:11.350 Last GPS timemark: 2014-08-08 16:05:09  
 2014-08-08 16:05:11.350 PLL Status  
 2014-08-08 16:05:11.350 State: Lock  
 2014-08-08 16:05:11.350 Initial VCO: 2200.082031  
 2014-08-08 16:05:11.350 Time Error: 0.000000  
 2014-08-08 16:05:11.350 RMS VCO: 0.0000000  
 2014-08-08 16:05:11.350 Best VCO: 2200.06  
 2014-08-08 16:05:11.350 Seconds Since Track or Lock: 0.0  
 2014-08-08 16:05:11.350 Vco Control: 2200  
 2014-08-08 16:05:11.350 timing mode: external seascan  
 2014-08-08 16:05:11.350 tempco normal  
 2014-08-08 16:05:11.350 PLL update: 10s PLL lock criterion: 5us  
 2014-08-08 16:05:11.350 Pfrac: 150.00  
 2014-08-08 16:05:11.350 VCO slope: -0.0175000  
 2014-08-08 16:05:11.350 VCO intercept: 7.1100001  
 2014-08-08 16:05:11.350 Km delta: 600.0000000  
 2014-08-08 16:05:11.350 Logical Port 4 Status  
 2014-08-08 16:05:11.350 Data Packets Sent: 12056501  
 2014-08-08 16:05:11.350 Flood Packets Sent: 0  
 2014-08-08 16:05:11.350 Packets Re-Sent: 18684  
 2014-08-08 16:05:11.350 Sequence Errors: 0  
 2014-08-08 16:05:11.350 Packet Buffer Used: 22680416  
 2014-08-08 16:05:11.350 Physical Port: Ethernet  
 2014-08-08 16:05:11.350 Baler Model: 14 Software Version: 2.28  
 2014-08-08 16:05:11.350 MAC Address: 00:04:FB:00:02:EA  
 2014-08-08 16:05:11.350 Disk Size: 20000669696  
 2014-08-08 16:05:11.350 Percent of 1177 data files in use: 24.5  
 2014-08-08 16:05:11.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-08 16:05:11.350 Channel Sensitivities (uV per count):  
 2014-08-08 16:05:11.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-08 16:05:11.350 Digitizer Calibration Results:  
 2014-08-08 16:05:11.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-08 16:05:11.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-08 16:05:11.350 DMU1 Software Version=10  
 2014-08-08 16:05:11.350 Supply Voltage=12.7  
 2014-08-08 16:05:11.350 Supply Current=0.41  
 2014-08-08 16:05:11.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-08 16:05:11.350 webLink Data Maps Restored  
 2014-08-08 16:05:11.350 [2014-08-08 04:04:18.000000] sequence resumes: 10720767 to  
 10720767  
 2014-08-08 16:05:11.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-08 16:05:10  
 2014-08-08 16:10:48.920 Reducing Status Polling Interval  
 2014-08-08 16:10:48.920 [2014-08-08 16:10:47.999998] total packets received: 50078  
 2014-08-08 16:10:48.920 [2014-08-08 16:10:47.999998] command timeouts: 6  
 2014-08-08 16:10:48.920 [2014-08-08 16:10:47.999998] out of window: 68  
 2014-08-08 16:10:48.920 written: HHZ-1148 HH1-1509 HH2-1445 BDH-412 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-08-08 16:10:48.920 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-08-08 16:10:48.920 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-08 16:10:48.920 [2014-08-08 16:10:47.999998] Done: 4646 recs. seq end:  
 10764357. run: 333 s  
 2014-08-09 04:11:42.360  
 2014-08-09 04:11:42.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-09 04:11:42.360 Control Port 2491 Opened  
 2014-08-09 04:11:42.360 Baler ready on Ethernet  
 2014-08-09 04:11:42.360 Power Cycled Baler Acknowledged  
 2014-08-09 04:11:42.360 Commands Accepted by Q330  
 2014-08-09 04:11:42.360 Access timeout: 300 sec

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2014-08-09 04:11:42.360 Control Port 4023 Opened
2014-08-09 04:11:42.360 Data Port 4024 Opened
2014-08-09 04:11:42.360 Registered with Q330
2014-08-09 04:11:42.360 Combination Record Received
2014-08-09 04:11:42.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-09 04:11:42.360 Link Reset, starting window sequence: 46577
2014-08-09 04:11:42.360 GPS Receiver ID Received
2014-08-09 04:11:42.360 Manufacturer's Data Received, Property Tag=2017
2014-08-09 04:11:42.360 Digitizer Gain & Offsets Received
2014-08-09 04:11:42.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4646 recs.
seq end: 10764357
2014-08-09 04:11:42.360 Baler clock set to 2014-08-09 04:11:41
2014-08-09 04:11:42.360 Starting to Read DP Tokens
2014-08-09 04:11:42.360 DP Tokens loaded, size=1474 bytes
2014-08-09 04:11:42.360 Webserver advertising 192.168.200.119:5380
2014-08-09 04:11:42.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-09 04:11:42.360 filters & delay HH1:2@100,Linear all=0.320000
2014-08-09 04:11:42.360 filters & delay HH2:3@100,Linear all=0.320000
2014-08-09 04:11:42.360 filters & delay BDH:4@20,Linear all=1.650000
2014-08-09 04:11:42.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-09 04:11:42.360 filters & delay LH1:2@1,Linear all=15.000000
2014-08-09 04:11:42.360 filters & delay LH2:3@1,Linear all=15.000000
2014-08-09 04:11:42.360 filters & delay LDH:4@1,Linear all=15.000000
2014-08-09 04:11:42.360 [2014-08-08 16:10:47.999998] continuity found: 10764357
460829448.000000 Q=100
2014-08-09 04:11:42.360 [2014-08-08 16:10:47.999998] restoring continuity
2014-08-09 04:11:42.360 Sending DT_OPEN
2014-08-09 04:11:42.360 Station: XX-2017
2014-08-09 04:11:42.360 Q330 Serial Number: 0100000DB18FC351
2014-08-09 04:11:42.360 AMB Serial Number: 0100000B6909DD82
2014-08-09 04:11:42.360 Seismo 1 Serial Number: 0000000000000000
2014-08-09 04:11:42.360 Seismo 2 Serial Number: 0000000000000000
2014-08-09 04:11:42.360 QAPCHP 1 Serial Number: 4643206
2014-08-09 04:11:42.360 QAPCHP 2 Serial Number: 3743050
2014-08-09 04:11:42.360 KMI Property Tag Number: 2017
2014-08-09 04:11:42.360 System Software Version: 1.146
2014-08-09 04:11:42.360 Slave Processor Version: 1.11
2014-08-09 04:11:42.360 Calibrator Type: QCAL330
2014-08-09 04:11:42.360 Calibrator Version: 1.8
2014-08-09 04:11:42.360 Auxiliary Board Type: None
2014-08-09 04:11:42.360 Clock Type: Motorola M12
2014-08-09 04:11:42.360 PLD Version: 7.9
2014-08-09 04:11:42.360 Total Hours: 68144.68
2014-08-09 04:11:42.360 Power On Hours: 32775.06
2014-08-09 04:11:42.360 Time of Last Boot: 2014-04-06 02:03:58
2014-08-09 04:11:42.360 Total Number of Boots: 120
2014-08-09 04:11:42.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-09 04:11:42.360 Total Number of Re-Syncs: 213
2014-08-09 04:11:42.360 Status Inputs: 00000000
2014-08-09 04:11:42.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-09 04:11:42.360 Clock Quality: 100%
2014-08-09 04:11:42.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-09 04:11:42.360 Clock Phase: 0 usec. max allowed=50000
2014-08-09 04:11:42.360 Boom positions:
2014-08-09 04:11:42.360 Ch1: -2 Ch2: 5 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-09 04:11:42.360 Analog Status
2014-08-09 04:11:42.360 Analog Positive Supply: 5.46V
2014-08-09 04:11:42.360 Input Voltage: 13.35V
2014-08-09 04:11:42.360 System Temperature: 5C
2014-08-09 04:11:42.360 Main Current: 61ma
2014-08-09 04:11:42.360 Antenna Current: 0ma
2014-08-09 04:11:42.360 GPS Status
2014-08-09 04:11:42.360 Time: 04:11:41

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2014-08-09 04:11:42.360 Date:
2014-08-09 04:11:42.360 Fix Type: 1-D
2014-08-09 04:11:42.360 Height:
2014-08-09 04:11:42.360 Latitude:
2014-08-09 04:11:42.360 Longitude:
2014-08-09 04:11:42.360 On Time: 0min
2014-08-09 04:11:42.360 Sat. Used: 0
2014-08-09 04:11:42.360 In View: 0
2014-08-09 04:11:42.360 Checksum Errors: 0
2014-08-09 04:11:42.360 Last GPS timemark: 2014-08-09 04:11:40
2014-08-09 04:11:42.360 PLL Status
2014-08-09 04:11:42.360 State: Lock
2014-08-09 04:11:42.360 Initial VCO: 2200.000977
2014-08-09 04:11:42.360 Time Error: 0.000000
2014-08-09 04:11:42.360 RMS VCO: 0.0000000
2014-08-09 04:11:42.360 Best VCO: 2200.00
2014-08-09 04:11:42.360 Seconds Since Track or Lock: 0.0
2014-08-09 04:11:42.360 Vco Control: 2200
2014-08-09 04:11:42.360 timing mode: external seascan
2014-08-09 04:11:42.360 tempco normal
2014-08-09 04:11:42.360 PLL update: 10s PLL lock criterion: 5us
2014-08-09 04:11:42.360 Pfrac: 150.00
2014-08-09 04:11:42.360 VCO slope: -0.0175000
2014-08-09 04:11:42.360 VCO intercept: 7.1100001
2014-08-09 04:11:42.360 Km delta: 600.0000000
2014-08-09 04:11:42.360 Logical Port 4 Status
2014-08-09 04:11:42.360 Data Packets Sent: 12106480
2014-08-09 04:11:42.360 Flood Packets Sent: 0
2014-08-09 04:11:42.360 Packets Re-Sent: 18770
2014-08-09 04:11:42.360 Sequence Errors: 0
2014-08-09 04:11:42.360 Packet Buffer Used: 21581296
2014-08-09 04:11:42.360 Physical Port: Ethernet
2014-08-09 04:11:42.360 Baler Model: 14 Software Version: 2.28
2014-08-09 04:11:42.360 MAC Address: 00:04:FB:00:02:EA
2014-08-09 04:11:42.360 Disk Size: 20000669696
2014-08-09 04:11:42.360 Percent of 1177 data files in use: 24.5
2014-08-09 04:11:42.360 Channels Enabled: 1234 Preamps ON channels:
2014-08-09 04:11:42.360 Channel Sensitivities (uV per count):
2014-08-09 04:11:42.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-09 04:11:42.360 Digitizer Calibration Results:
2014-08-09 04:11:42.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-09 04:11:42.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-09 04:11:42.360 Supply voltage=12.7
2014-08-09 04:11:42.360 Supply Current=0.41
2014-08-09 04:11:42.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-09 04:11:42.360 WebLink Data Maps Restored
2014-08-09 04:11:42.360 [2014-08-08 16:10:47.999998] sequence resumes: 10764357 to
10764357
2014-08-09 04:11:42.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-09 04:11:41
2014-08-09 04:15:08.390 [2014-08-09 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-09 04:17:11.530 Reducing Status Polling Interval
2014-08-09 04:17:11.530 [2014-08-09 04:17:10.999998] total packets received: 44907
2014-08-09 04:17:11.530 [2014-08-09 04:17:10.999998] command timeouts: 6
2014-08-09 04:17:11.530 [2014-08-09 04:17:10.999998] out of window: 78
2014-08-09 04:17:11.530 written: HHZ-1085 HH1-1384 HH2-1371 BDH-411 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-09 04:17:11.530 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-23 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-09 04:17:11.530 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-09 04:17:11.530 [2014-08-09 04:17:10.999998] Done: 4389 recs. seq end:
10807940. run: 324 s

```

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2014-08-09 16:18:04.370
2014-08-09 16:18:04.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-09 16:18:04.370 Control Port 2491 Opened
2014-08-09 16:18:04.370 Baler ready on Ethernet
2014-08-09 16:18:04.370 Power Cycled Baler Acknowledged
2014-08-09 16:18:04.370 Commands Accepted by Q330
2014-08-09 16:18:04.370 Access timeout: 300 sec
2014-08-09 16:18:04.370 Control Port 4023 Opened
2014-08-09 16:18:04.370 Data Port 4024 Opened
2014-08-09 16:18:04.370 Registered with Q330
2014-08-09 16:18:04.370 Combination Record Received
2014-08-09 16:18:04.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-09 16:18:04.370 Link Reset, starting window sequence: 25835
2014-08-09 16:18:04.370 GPS Receiver ID Received
2014-08-09 16:18:04.370 Manufacturer's Data Received, Property Tag=2017
2014-08-09 16:18:04.370 Digitizer Gain & Offsets Received
2014-08-09 16:18:04.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4389 recs.
seq end: 10807940
2014-08-09 16:18:04.370 Baler clock set to 2014-08-09 16:18:03
2014-08-09 16:18:04.370 Starting to Read DP Tokens
2014-08-09 16:18:04.370 DP Tokens loaded, size=1474 bytes
2014-08-09 16:18:04.370 webserver advertising 192.168.200.119:5380
2014-08-09 16:18:04.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-09 16:18:04.370 filters & delay HH1:2@100,Linear all=0.320000
2014-08-09 16:18:04.370 filters & delay HH2:3@100,Linear all=0.320000
2014-08-09 16:18:04.370 filters & delay BDH:4@20,Linear all=1.650000
2014-08-09 16:18:04.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-09 16:18:04.370 filters & delay LH1:2@1,Linear all=15.000000
2014-08-09 16:18:04.370 filters & delay LH2:3@1,Linear all=15.000000
2014-08-09 16:18:04.370 filters & delay LDH:4@1,Linear all=15.000000
2014-08-09 16:18:04.370 [2014-08-09 04:17:10.999998] continuity found: 10807940
460873031.000000 Q=100
2014-08-09 16:18:04.370 [2014-08-09 04:17:10.999998] restoring continuity
2014-08-09 16:18:04.370 Sending DT_OPEN
2014-08-09 16:18:04.370 Station: XX-2017
2014-08-09 16:18:04.370 Q330 Serial Number: 0100000DB18FC351
2014-08-09 16:18:04.370 AMB Serial Number: 0100000B6909DD82
2014-08-09 16:18:04.370 Seismo 1 Serial Number: 0000000000000000
2014-08-09 16:18:04.370 Seismo 2 Serial Number: 0000000000000000
2014-08-09 16:18:04.370 QAPCHP 1 Serial Number: 4643206
2014-08-09 16:18:04.370 QAPCHP 2 Serial Number: 3743050
2014-08-09 16:18:04.370 KMI Property Tag Number: 2017
2014-08-09 16:18:04.370 System Software Version: 1.146
2014-08-09 16:18:04.370 Slave Processor Version: 1.11
2014-08-09 16:18:04.370 Calibrator Type: QCAL330
2014-08-09 16:18:04.370 Calibrator Version: 1.8
2014-08-09 16:18:04.370 Auxiliary Board Type: None
2014-08-09 16:18:04.370 Clock Type: Motorola M12
2014-08-09 16:18:04.370 PLD Version: 7.9
2014-08-09 16:18:04.370 Total Hours: 68156.78
2014-08-09 16:18:04.370 Power On Hours: 32787.17
2014-08-09 16:18:04.370 Time of Last Boot: 2014-04-06 02:03:58
2014-08-09 16:18:04.370 Total Number of Boots: 120
2014-08-09 16:18:04.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-09 16:18:04.370 Total Number of Re-Syncs: 213
2014-08-09 16:18:04.370 Status Inputs: 00000000
2014-08-09 16:18:04.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-09 16:18:04.370 Clock Quality: 100%
2014-08-09 16:18:04.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-09 16:18:04.370 Clock Phase: 0 usec. max allowed=50000
2014-08-09 16:18:04.370 Boom positions:
2014-08-09 16:18:04.370 ch1: -2 ch2: 1 ch3: 1 ch4: 20 ch5: 20 ch6: 20
2014-08-09 16:18:04.370 Analog Status

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2014-08-09 16:18:04.370 Analog Positive Supply: 5.46V  
 2014-08-09 16:18:04.370 Input Voltage: 13.35V  
 2014-08-09 16:18:04.370 System Temperature: 5C  
 2014-08-09 16:18:04.370 Main Current: 62ma  
 2014-08-09 16:18:04.370 Antenna Current: 0ma  
 2014-08-09 16:18:04.370 GPS Status  
 2014-08-09 16:18:04.370 Time: 16:18:02  
 2014-08-09 16:18:04.370 Date:  
 2014-08-09 16:18:04.370 Fix Type: 1-D  
 2014-08-09 16:18:04.370 Height:  
 2014-08-09 16:18:04.370 Latitude:  
 2014-08-09 16:18:04.370 Longitude:  
 2014-08-09 16:18:04.370 On Time: 0min  
 2014-08-09 16:18:04.370 Sat. Used: 0  
 2014-08-09 16:18:04.370 In View: 0  
 2014-08-09 16:18:04.370 Checksum Errors: 0  
 2014-08-09 16:18:04.370 Last GPS timemark: 2014-08-09 16:18:01  
 2014-08-09 16:18:04.370 PLL Status  
 2014-08-09 16:18:04.370 State: Lock  
 2014-08-09 16:18:04.370 Initial VCO: 2200.000000  
 2014-08-09 16:18:04.370 Time Error: 0.000000  
 2014-08-09 16:18:04.370 RMS VCO: 0.000000  
 2014-08-09 16:18:04.370 Best VCO: 2200.00  
 2014-08-09 16:18:04.370 Seconds Since Track or Lock: 0.0  
 2014-08-09 16:18:04.370 Vco Control: 2200  
 2014-08-09 16:18:04.370 timing mode: external seascan  
 2014-08-09 16:18:04.370 tempco normal  
 2014-08-09 16:18:04.370 PLL update: 10s PLL lock criterion: 5us  
 2014-08-09 16:18:04.370 Pfrac: 150.00  
 2014-08-09 16:18:04.370 VCO slope: -0.0175000  
 2014-08-09 16:18:04.370 VCO intercept: 7.1100001  
 2014-08-09 16:18:04.370 Km delta: 600.000000  
 2014-08-09 16:18:04.370 Logical Port 4 Status  
 2014-08-09 16:18:04.370 Data Packets Sent: 12151279  
 2014-08-09 16:18:04.370 Flood Packets Sent: 0  
 2014-08-09 16:18:04.370 Packets Re-Sent: 18862  
 2014-08-09 16:18:04.370 Sequence Errors: 0  
 2014-08-09 16:18:04.370 Packet Buffer Used: 22772660  
 2014-08-09 16:18:04.370 Physical Port: Ethernet  
 2014-08-09 16:18:04.370 Baler Model: 14 Software Version: 2.28  
 2014-08-09 16:18:04.370 MAC Address: 00:04:FB:00:02:EA  
 2014-08-09 16:18:04.370 Disk Size: 20000669696  
 2014-08-09 16:18:04.370 Percent of 1177 data files in use: 24.6  
 2014-08-09 16:18:04.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-09 16:18:04.370 Channel Sensitivities (uV per count):  
 2014-08-09 16:18:04.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-09 16:18:04.370 Digitizer Calibration Results:  
 2014-08-09 16:18:04.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-09 16:18:04.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-09 16:18:04.370 DMU1 Software Version=10  
 2014-08-09 16:18:04.370 Supply Voltage=12.7  
 2014-08-09 16:18:04.370 Supply Current=0.40  
 2014-08-09 16:18:04.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-09 16:18:04.370 webLink Data Maps Restored  
 2014-08-09 16:18:04.370 [2014-08-09 04:17:10.999998] sequence resumes: 10807940 to 10807940  
 2014-08-09 16:18:04.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-09 16:18:03  
 2014-08-09 16:23:46.060 Reducing Status Polling Interval  
 2014-08-09 16:23:46.060 [2014-08-09 16:23:44.999998] total packets received: 50292  
 2014-08-09 16:23:46.060 [2014-08-09 16:23:44.999998] command timeouts: 6  
 2014-08-09 16:23:46.060 [2014-08-09 16:23:44.999998] out of window: 69  
 2014-08-09 16:23:46.060 written: HHZ-1141 HH1-1501 HH2-1483 BDH-414 VEP-2 VEC-1

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VEA-2 VKI-2 VCO-2  
 2014-08-09 16:23:46.060 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-08-09 16:23:46.060 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-09 16:23:46.060 [2014-08-09 16:23:44.999998] Done: 4677 recs. seq end:  
 10851534. run: 337 s  
 2014-08-10 04:24:39.340  
 2014-08-10 04:24:39.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-10 04:24:39.340 Control Port 2491 Opened  
 2014-08-10 04:24:39.340 Baler ready on Ethernet  
 2014-08-10 04:24:39.340 Power Cycled Baler Acknowledged  
 2014-08-10 04:24:39.340 Commands Accepted by Q330  
 2014-08-10 04:24:39.340 Access timeout: 300 sec  
 2014-08-10 04:24:39.340 Control Port 4023 Opened  
 2014-08-10 04:24:39.340 Data Port 4024 Opened  
 2014-08-10 04:24:39.340 Registered with Q330  
 2014-08-10 04:24:39.340 Combination Record Received  
 2014-08-10 04:24:39.340 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-10 04:24:39.340 Link Reset, starting window sequence: 10486  
 2014-08-10 04:24:39.340 GPS Receiver ID Received  
 2014-08-10 04:24:39.340 Manufacturer's Data Received, Property Tag=2017  
 2014-08-10 04:24:39.340 Digitizer Gain & Offsets Received  
 2014-08-10 04:24:39.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4677 recs.  
 seq end: 10851534  
 2014-08-10 04:24:39.340 Baler clock set to 2014-08-10 04:24:38  
 2014-08-10 04:24:39.340 Starting to Read DP Tokens  
 2014-08-10 04:24:39.340 DP Tokens loaded, size=1474 bytes  
 2014-08-10 04:24:39.340 webserver advertising 192.168.200.119:5380  
 2014-08-10 04:24:39.340 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-10 04:24:39.340 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-10 04:24:39.340 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-10 04:24:39.340 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-10 04:24:39.340 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-10 04:24:39.340 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-10 04:24:39.340 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-10 04:24:39.340 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-10 04:24:39.340 [2014-08-09 16:23:44.999998] continuity found: 10851534  
 460916625.000000 Q=100  
 2014-08-10 04:24:39.340 [2014-08-09 16:23:44.999998] restoring continuity  
 2014-08-10 04:24:39.340 Sending DT\_OPEN  
 2014-08-10 04:24:39.340 Station: XX-2017  
 2014-08-10 04:24:39.340 Q330 Serial Number: 0100000DB18FC351  
 2014-08-10 04:24:39.340 AMB Serial Number: 0100000B6909DD82  
 2014-08-10 04:24:39.340 Seismo 1 Serial Number: 0000000000000000  
 2014-08-10 04:24:39.340 Seismo 2 Serial Number: 0000000000000000  
 2014-08-10 04:24:39.340 QAPCHP 1 Serial Number: 4643206  
 2014-08-10 04:24:39.340 QAPCHP 2 Serial Number: 3743050  
 2014-08-10 04:24:39.340 KMI Property Tag Number: 2017  
 2014-08-10 04:24:39.340 System Software Version: 1.146  
 2014-08-10 04:24:39.340 Slave Processor Version: 1.11  
 2014-08-10 04:24:39.340 Calibrator Type: QCAL330  
 2014-08-10 04:24:39.340 Calibrator Version: 1.8  
 2014-08-10 04:24:39.340 Auxiliary Board Type: None  
 2014-08-10 04:24:39.340 Clock Type: Motorola M12  
 2014-08-10 04:24:39.340 PLD Version: 7.9  
 2014-08-10 04:24:39.340 Total Hours: 68168.89  
 2014-08-10 04:24:39.340 Power On Hours: 32799.28  
 2014-08-10 04:24:39.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-10 04:24:39.340 Total Number of Boots: 120  
 2014-08-10 04:24:39.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-10 04:24:39.340 Total Number of Re-Syncs: 213  
 2014-08-10 04:24:39.340 Status Inputs: 00000000  
 2014-08-10 04:24:39.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off

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2014-08-10 04:24:39.340 Clock Quality: 100%  
 2014-08-10 04:24:39.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-10 04:24:39.340 Boom positions:  
 2014-08-10 04:24:39.340 ch1: -2 ch2: -3 ch3: 6 ch4: 20 ch5: 20 ch6: 20  
 2014-08-10 04:24:39.340 Analog Status  
 2014-08-10 04:24:39.340 Analog Positive Supply: 5.46V  
 2014-08-10 04:24:39.340 Input Voltage: 13.35V  
 2014-08-10 04:24:39.340 System Temperature: 5C  
 2014-08-10 04:24:39.340 Main Current: 62ma  
 2014-08-10 04:24:39.340 Antenna Current: 0ma  
 2014-08-10 04:24:39.340 GPS Status  
 2014-08-10 04:24:39.340 Time: 04:24:38  
 2014-08-10 04:24:39.340 Date:  
 2014-08-10 04:24:39.340 Fix Type: 1-D  
 2014-08-10 04:24:39.340 Height:  
 2014-08-10 04:24:39.340 Latitude:  
 2014-08-10 04:24:39.340 Longitude:  
 2014-08-10 04:24:39.340 On Time: 0min  
 2014-08-10 04:24:39.340 Sat. Used: 0  
 2014-08-10 04:24:39.340 In View: 0  
 2014-08-10 04:24:39.340 Checksum Errors: 0  
 2014-08-10 04:24:39.340 Last GPS timemark: 2014-08-10 04:24:37  
 2014-08-10 04:24:39.340 PLL Status  
 2014-08-10 04:24:39.340 State: Lock  
 2014-08-10 04:24:39.340 Initial VCO: 2200.323975  
 2014-08-10 04:24:39.340 Time Error: 0.000000  
 2014-08-10 04:24:39.340 RMS VCO: 0.0000000  
 2014-08-10 04:24:39.340 Best VCO: 2200.29  
 2014-08-10 04:24:39.340 Seconds Since Track or Lock: 0.0  
 2014-08-10 04:24:39.340 Vco Control: 2200  
 2014-08-10 04:24:39.340 timing mode: external seascan  
 2014-08-10 04:24:39.340 tempco normal  
 2014-08-10 04:24:39.340 PLL update: 10s PLL lock criterion: 5us  
 2014-08-10 04:24:39.340 Pfrac: 150.00  
 2014-08-10 04:24:39.340 VCO slope: -0.0175000  
 2014-08-10 04:24:39.340 VCO intercept: 7.1100001  
 2014-08-10 04:24:39.340 Km delta: 600.0000000  
 2014-08-10 04:24:39.340 Logical Port 4 Status  
 2014-08-10 04:24:39.340 Data Packets Sent: 12201471  
 2014-08-10 04:24:39.340 Flood Packets Sent: 0  
 2014-08-10 04:24:39.340 Packets Re-Sent: 18946  
 2014-08-10 04:24:39.340 Sequence Errors: 0  
 2014-08-10 04:24:39.340 Packet Buffer Used: 22438420  
 2014-08-10 04:24:39.340 Physical Port: Ethernet  
 2014-08-10 04:24:39.340 Baler Model: 14 Software Version: 2.28  
 2014-08-10 04:24:39.340 MAC Address: 00:04:FB:00:02:EA  
 2014-08-10 04:24:39.340 Disk Size: 20000669696  
 2014-08-10 04:24:39.340 Percent of 1177 data files in use: 24.6  
 2014-08-10 04:24:39.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-10 04:24:39.340 Channel Sensitivities (uV per count):  
 2014-08-10 04:24:39.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-10 04:24:39.340 Digitizer Calibration Results:  
 2014-08-10 04:24:39.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-10 04:24:39.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-10 04:24:39.340 DMU1 Software Version=10  
 2014-08-10 04:24:39.340 Supply Voltage=12.7  
 2014-08-10 04:24:39.340 Supply Current=0.40  
 2014-08-10 04:24:39.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-10 04:24:39.340 webLink Data Maps Restored  
 2014-08-10 04:24:39.340 [2014-08-09 16:23:44.999998] sequence resumes: 10851534 to 10851534  
 2014-08-10 04:24:39.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-08-10 04:24:38

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2014-08-10 04:28:08.000 [2014-08-10 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-10 04:30:10.100 [2014-08-10 04:20:32.000000] total packets received: 45932
2014-08-10 04:30:10.100 [2014-08-10 04:20:32.000000] command timeouts: 6
2014-08-10 04:30:10.100 [2014-08-10 04:20:32.000000] out of window: 74
2014-08-10 04:30:10.100 written: HHZ-1101 HH1-1423 HH2-1468 BDH-415 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-08-10 04:30:10.100 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-20 LH1-24 LH2-23 LDH-24
VMZ-1 VM1-1
2014-08-10 04:30:10.100 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-10 04:30:10.100 [2014-08-10 04:20:32.000000] Done: 4538 recs. seq end:
10894541. run: 325 s
2014-08-10 16:31:00.360
2014-08-10 16:31:00.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-10 16:31:00.360 Control Port 2491 Opened
2014-08-10 16:31:00.360 Baler ready on Ethernet
2014-08-10 16:31:00.360 Power Cycled Baler Acknowledged
2014-08-10 16:31:00.360 Commands Accepted by Q330
2014-08-10 16:31:00.360 Access timeout: 300 sec
2014-08-10 16:31:00.360 Control Port 4023 Opened
2014-08-10 16:31:00.360 Data Port 4024 Opened
2014-08-10 16:31:00.360 Registered with Q330
2014-08-10 16:31:00.360 Combination Record Received
2014-08-10 16:31:00.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-10 16:31:00.360 Link Reset, starting window sequence: 56309
2014-08-10 16:31:00.360 GPS Receiver ID Received
2014-08-10 16:31:00.360 Manufacturer's Data Received, Property Tag=2017
2014-08-10 16:31:00.360 Digitizer Gain & Offsets Received
2014-08-10 16:31:00.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4538 recs.
seq end: 10894541
2014-08-10 16:31:00.360 Baler clock set to 2014-08-10 16:30:59
2014-08-10 16:31:00.360 Starting to Read DP Tokens
2014-08-10 16:31:00.360 DP Tokens loaded, size=1474 bytes
2014-08-10 16:31:00.360 webserver advertising 192.168.200.119:5380
2014-08-10 16:31:00.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-10 16:31:00.360 filters & delay HH1:2@100,Linear all=0.320000
2014-08-10 16:31:00.360 filters & delay HH2:3@100,Linear all=0.320000
2014-08-10 16:31:00.360 filters & delay BDH:4@20,Linear all=1.650000
2014-08-10 16:31:00.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-10 16:31:00.360 filters & delay LH1:2@1,Linear all=15.000000
2014-08-10 16:31:00.360 filters & delay LH2:3@1,Linear all=15.000000
2014-08-10 16:31:00.360 filters & delay LDH:4@1,Linear all=15.000000
2014-08-10 16:31:00.360 [2014-08-10 04:20:32.000000] continuity found: 10894541
460959632.000000 q=100
2014-08-10 16:31:00.360 [2014-08-10 04:20:32.000000] restoring continuity
2014-08-10 16:31:00.360 Sending DT_OPEN
2014-08-10 16:31:00.360 Station: XX-2017
2014-08-10 16:31:00.360 Q330 Serial Number: 0100000DB18FC351
2014-08-10 16:31:00.360 AMB Serial Number: 0100000B6909DD82
2014-08-10 16:31:00.360 Seismo 1 Serial Number: 0000000000000000
2014-08-10 16:31:00.360 Seismo 2 Serial Number: 0000000000000000
2014-08-10 16:31:00.360 QAPCHP 1 Serial Number: 4643206
2014-08-10 16:31:00.360 QAPCHP 2 Serial Number: 3743050
2014-08-10 16:31:00.360 KMI Property Tag Number: 2017
2014-08-10 16:31:00.360 System Software Version: 1.146
2014-08-10 16:31:00.360 Slave Processor Version: 1.11
2014-08-10 16:31:00.360 Calibrator Type: QCAL330
2014-08-10 16:31:00.360 Calibrator Version: 1.8
2014-08-10 16:31:00.360 Auxiliary Board Type: None
2014-08-10 16:31:00.360 Clock Type: Motorola M12
2014-08-10 16:31:00.360 PLD Version: 7.9
2014-08-10 16:31:00.360 Total Hours: 68181.00
2014-08-10 16:31:00.360 Power On Hours: 32811.39

```

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2014-08-10 16:31:00.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-10 16:31:00.360 Total Number of Boots: 120  
 2014-08-10 16:31:00.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-10 16:31:00.360 Total Number of Re-Syncs: 213  
 2014-08-10 16:31:00.360 Status Inputs: 00000000  
 2014-08-10 16:31:00.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-10 16:31:00.360 Clock Quality: 100%  
 2014-08-10 16:31:00.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-10 16:31:00.360 Clock Phase: 0 usec. max allowed=50000  
 2014-08-10 16:31:00.360 Boom positions:  
 2014-08-10 16:31:00.360 ch1: -2 ch2: -6 ch3: 10 ch4: 20 ch5: 20 ch6: 20  
 2014-08-10 16:31:00.360 Analog Status  
 2014-08-10 16:31:00.360 Analog Positive Supply: 5.46V  
 2014-08-10 16:31:00.360 Input Voltage: 13.35V  
 2014-08-10 16:31:00.360 System Temperature: 5C  
 2014-08-10 16:31:00.360 Main Current: 61ma  
 2014-08-10 16:31:00.360 Antenna Current: 0ma  
 2014-08-10 16:31:00.360 GPS Status  
 2014-08-10 16:31:00.360 Time: 16:30:59  
 2014-08-10 16:31:00.360 Date:  
 2014-08-10 16:31:00.360 Fix Type: 1-D  
 2014-08-10 16:31:00.360 Height:  
 2014-08-10 16:31:00.360 Latitude:  
 2014-08-10 16:31:00.360 Longitude:  
 2014-08-10 16:31:00.360 On Time: 0min  
 2014-08-10 16:31:00.360 Sat. Used: 0  
 2014-08-10 16:31:00.360 In View: 0  
 2014-08-10 16:31:00.360 Checksum Errors: 0  
 2014-08-10 16:31:00.360 Last GPS timemark: 2014-08-10 16:30:58  
 2014-08-10 16:31:00.360 PLL Status  
 2014-08-10 16:31:00.360 State: Lock  
 2014-08-10 16:31:00.360 Initial VCO: 2200.729004  
 2014-08-10 16:31:00.360 Time Error: 0.000000  
 2014-08-10 16:31:00.360 RMS VCO: 0.0000000  
 2014-08-10 16:31:00.360 Best VCO: 2201.03  
 2014-08-10 16:31:00.360 Seconds Since Track or Lock: 0.0  
 2014-08-10 16:31:00.360 Vco Control: 2201  
 2014-08-10 16:31:00.360 timing mode: external seascan  
 2014-08-10 16:31:00.360 tempco normal  
 2014-08-10 16:31:00.360 PLL update: 10s PLL lock criterion: 5us  
 2014-08-10 16:31:00.360 Pfrac: 150.00  
 2014-08-10 16:31:00.360 VCO slope: -0.0175000  
 2014-08-10 16:31:00.360 VCO intercept: 7.1100001  
 2014-08-10 16:31:00.360 Km delta: 600.0000000  
 2014-08-10 16:31:00.360 Logical Port 4 Status  
 2014-08-10 16:31:00.360 Data Packets Sent: 12247299  
 2014-08-10 16:31:00.360 Flood Packets Sent: 0  
 2014-08-10 16:31:00.360 Packets Re-Sent: 19038  
 2014-08-10 16:31:00.360 Sequence Errors: 0  
 2014-08-10 16:31:00.360 Packet Buffer Used: 22174752  
 2014-08-10 16:31:00.360 Physical Port: Ethernet  
 2014-08-10 16:31:00.360 Baler Model: 14 Software Version: 2.28  
 2014-08-10 16:31:00.360 MAC Address: 00:04:FB:00:02:EA  
 2014-08-10 16:31:00.360 Disk Size: 20000669696  
 2014-08-10 16:31:00.360 Percent of 1177 data files in use: 24.8  
 2014-08-10 16:31:00.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-10 16:31:00.360 Channel Sensitivities (uV per count):  
 2014-08-10 16:31:00.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-10 16:31:00.360 Digitizer Calibration Results:  
 2014-08-10 16:31:00.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-10 16:31:00.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-10 16:31:00.360 DMU1 Software Version=10  
 2014-08-10 16:31:00.360 Supply Voltage=12.8

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2014-08-10 16:31:00.360 Supply Current=0.41  
 2014-08-10 16:31:00.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-10 16:31:00.360 WebLink Data Maps Restored  
 2014-08-10 16:31:00.360 [2014-08-10 04:20:32.000000] sequence resumes: 10894541 to 10894541  
 2014-08-10 16:31:00.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-10 16:30:59  
 2014-08-10 16:36:30.290 Reducing Status Polling Interval  
 2014-08-10 16:36:30.290 [2014-08-10 16:36:29.999998] total packets received: 46371  
 2014-08-10 16:36:30.290 [2014-08-10 16:36:29.999998] command timeouts: 6  
 2014-08-10 16:36:30.290 [2014-08-10 16:36:29.999998] out of window: 72  
 2014-08-10 16:36:30.290 written: HHZ-1138 HH1-1375 HH2-1435 BDH-423 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-08-10 16:36:30.290 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-25 LDH-24  
 VMZ-2 VM1-2  
 2014-08-10 16:36:30.290 written: VM2-2 LOG-2 ACE-1 OCF-1  
 2014-08-10 16:36:30.290 [2014-08-10 16:36:29.999998] Done: 4509 recs. seq end: 10938699. run: 325 s  
 2014-08-11 04:37:22.420  
 2014-08-11 04:37:22.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-11 04:37:22.420 Control Port 2491 Opened  
 2014-08-11 04:37:22.420 Baler ready on Ethernet  
 2014-08-11 04:37:22.420 Power Cycled Baler Acknowledged  
 2014-08-11 04:37:22.420 Commands Accepted by Q330  
 2014-08-11 04:37:22.420 Access timeout: 300 sec  
 2014-08-11 04:37:22.420 Control Port 4023 Opened  
 2014-08-11 04:37:22.420 Data Port 4024 Opened  
 2014-08-11 04:37:22.420 Registered with Q330  
 2014-08-11 04:37:22.420 Combination Record Received  
 2014-08-11 04:37:22.420 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-11 04:37:22.420 Link Reset, starting window sequence: 37037  
 2014-08-11 04:37:22.420 GPS Receiver ID Received  
 2014-08-11 04:37:22.420 Manufacturer's Data Received, Property Tag=2017  
 2014-08-11 04:37:22.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4509 recs. seq end: 10938699  
 2014-08-11 04:37:22.420 Baler clock set to 2014-08-11 04:37:21  
 2014-08-11 04:37:22.420 Starting to Read DP Tokens  
 2014-08-11 04:37:22.420 DP Tokens loaded, size=1474 bytes  
 2014-08-11 04:37:22.420 Webserver advertising 192.168.200.119:5380  
 2014-08-11 04:37:22.420 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-11 04:37:22.420 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-11 04:37:22.420 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-11 04:37:22.420 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-11 04:37:22.420 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-11 04:37:22.420 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-11 04:37:22.420 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-11 04:37:22.420 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-11 04:37:22.420 [2014-08-10 16:36:29.999998] continuity found: 10938699  
 461003790.000000 Q=100  
 2014-08-11 04:37:22.420 [2014-08-10 16:36:29.999998] restoring continuity  
 2014-08-11 04:37:22.420 Sending DT\_OPEN  
 2014-08-11 04:37:22.420 Station: XX-2017  
 2014-08-11 04:37:22.420 Q330 Serial Number: 0100000DB18FC351  
 2014-08-11 04:37:22.420 AMB Serial Number: 0100000B6909DD82  
 2014-08-11 04:37:22.420 Seismo 1 Serial Number: 0000000000000000  
 2014-08-11 04:37:22.420 Seismo 2 Serial Number: 0000000000000000  
 2014-08-11 04:37:22.420 QAPCHP 1 Serial Number: 4643206  
 2014-08-11 04:37:22.420 QAPCHP 2 Serial Number: 3743050  
 2014-08-11 04:37:22.420 KMI Property Tag Number: 2017  
 2014-08-11 04:37:22.420 System Software Version: 1.146  
 2014-08-11 04:37:22.420 Slave Processor Version: 1.11  
 2014-08-11 04:37:22.420 Calibrator Type: QCAL330  
 2014-08-11 04:37:22.420 Calibrator Version: 1.8



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2014-08-11 04:37:22.420 Auxiliary Board Type: None  
 2014-08-11 04:37:22.420 Clock Type: Motorola M12  
 2014-08-11 04:37:22.420 PLD Version: 7.9  
 2014-08-11 04:37:22.420 Total Hours: 68193.11  
 2014-08-11 04:37:22.420 Power On Hours: 32823.49  
 2014-08-11 04:37:22.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-11 04:37:22.420 Total Number of Boots: 120  
 2014-08-11 04:37:22.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-11 04:37:22.420 Total Number of Re-Syncs: 213  
 2014-08-11 04:37:22.420 Status Inputs: 00000000  
 2014-08-11 04:37:22.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-11 04:37:22.420 Clock Quality: 100%  
 2014-08-11 04:37:22.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-11 04:37:22.420 Clock Phase: -2 usec. max allowed=50000  
 2014-08-11 04:37:22.420 Boom positions:  
 2014-08-11 04:37:22.420 ch1: -2 ch2: -10 ch3: 17 ch4: 20 ch5: 20 ch6: 20  
 2014-08-11 04:37:22.420 Analog Status  
 2014-08-11 04:37:22.420 Analog Positive Supply: 5.46V  
 2014-08-11 04:37:22.420 Input Voltage: 13.35V  
 2014-08-11 04:37:22.420 System Temperature: 5C  
 2014-08-11 04:37:22.420 Main Current: 62ma  
 2014-08-11 04:37:22.420 Antenna Current: 0ma  
 2014-08-11 04:37:22.420 GPS Status  
 2014-08-11 04:37:22.420 Time: 04:37:22  
 2014-08-11 04:37:22.420 Date:  
 2014-08-11 04:37:22.420 Fix Type: 1-D  
 2014-08-11 04:37:22.420 Height:  
 2014-08-11 04:37:22.420 Latitude:  
 2014-08-11 04:37:22.420 Longitude:  
 2014-08-11 04:37:22.420 On Time: 0min  
 2014-08-11 04:37:22.420 Sat. Used: 0  
 2014-08-11 04:37:22.420 In View: 0  
 2014-08-11 04:37:22.420 Checksum Errors: 0  
 2014-08-11 04:37:22.420 Last GPS timemark: 2014-08-11 04:37:21  
 2014-08-11 04:37:22.420 PLL Status  
 2014-08-11 04:37:22.420 State: Lock  
 2014-08-11 04:37:22.420 Initial VCO: 2200.711914  
 2014-08-11 04:37:22.420 Time Error: 0.000000  
 2014-08-11 04:37:22.420 RMS VCO: 0.0000000  
 2014-08-11 04:37:22.420 Best VCO: 2200.77  
 2014-08-11 04:37:22.420 Seconds Since Track or Lock: 0.0  
 2014-08-11 04:37:22.420 Vco Control: 2201  
 2014-08-11 04:37:22.420 timing mode: external seascan  
 2014-08-11 04:37:22.420 tempco normal  
 2014-08-11 04:37:22.420 PLL update: 10s PLL lock criterion: 5us  
 2014-08-11 04:37:22.420 Pfrac: 150.00  
 2014-08-11 04:37:22.420 VCO slope: -0.0175000  
 2014-08-11 04:37:22.420 VCO intercept: 7.1100001  
 2014-08-11 04:37:22.420 km delta: 600.0000000  
 2014-08-11 04:37:22.420 Logical Port 4 Status  
 2014-08-11 04:37:22.420 Data Packets Sent: 12293568  
 2014-08-11 04:37:22.420 Flood Packets Sent: 0  
 2014-08-11 04:37:22.420 Packets Re-Sent: 19121  
 2014-08-11 04:37:22.420 Sequence Errors: 0  
 2014-08-11 04:37:22.420 Packet Buffer Used: 21463912  
 2014-08-11 04:37:22.420 Physical Port: Ethernet  
 2014-08-11 04:37:22.420 Baler Model: 14 Software Version: 2.28  
 2014-08-11 04:37:22.420 MAC Address: 00:04:FB:00:02:EA  
 2014-08-11 04:37:22.420 Disk Size: 20000669696  
 2014-08-11 04:37:22.420 Percent of 1177 data files in use: 24.9  
 2014-08-11 04:37:22.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-11 04:37:22.420 Channel sensitivities (uV per count):  
 2014-08-11 04:37:22.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2014-08-11 04:37:22.420 Digitizer Calibration Results:
2014-08-11 04:37:22.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-11 04:37:22.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-11 04:37:22.420 DMU1 Software Version=10
2014-08-11 04:37:22.420 Supply Voltage=12.7
2014-08-11 04:37:22.420 Supply Current=0.40
2014-08-11 04:37:22.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-11 04:37:22.420 webLink Data Maps Restored
2014-08-11 04:37:22.420 [2014-08-10 16:36:29.999998] sequence resumes: 10938699 to
10938699
2014-08-11 04:37:22.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-11 04:37:21
2014-08-11 04:40:37.300 [2014-08-11 00:00:00.000000] saving Configuration to Backup
Memory
2014-08-11 04:42:42.030 Reducing Status Polling Interval
2014-08-11 04:42:42.030 [2014-08-11 04:42:41.999998] total packets received: 43952
2014-08-11 04:42:42.030 [2014-08-11 04:42:41.999998] command timeouts: 6
2014-08-11 04:42:42.030 [2014-08-11 04:42:41.999998] out of window: 68
2014-08-11 04:42:42.030 written: HHZ-1103 HH1-1301 HH2-1384 BDH-422 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-11 04:42:42.030 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-23 LDH-24
VMZ-2 VM1-2
2014-08-11 04:42:42.030 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-11 04:42:42.030 [2014-08-11 04:42:41.999998] Done: 4351 recs. seq end:
10982271. run: 315 s
2014-08-11 16:43:36.410
2014-08-11 16:43:36.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-11 16:43:36.410 Control Port 2491 Opened
2014-08-11 16:43:36.410 Baler ready on Ethernet
2014-08-11 16:43:36.410 Power Cycled Baler Acknowledged
2014-08-11 16:43:36.410 Commands Accepted by Q330
2014-08-11 16:43:36.410 Access timeout: 300 sec
2014-08-11 16:43:36.410 Control Port 4023 Opened
2014-08-11 16:43:36.410 Data Port 4024 Opened
2014-08-11 16:43:36.410 Registered with Q330
2014-08-11 16:43:36.410 Combination Record Received
2014-08-11 16:43:36.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-11 16:43:36.410 Link Reset, starting window sequence: 15350
2014-08-11 16:43:36.410 GPS Receiver ID Received
2014-08-11 16:43:36.410 Manufacturer's Data Received, Property Tag=2017
2014-08-11 16:43:36.410 Digitizer Gain & Offsets Received
2014-08-11 16:43:36.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4351 recs.
seq end: 10982271
2014-08-11 16:43:36.410 Baler clock set to 2014-08-11 16:43:35
2014-08-11 16:43:36.410 Starting to Read DP Tokens
2014-08-11 16:43:36.410 DP Tokens loaded, size=1474 bytes
2014-08-11 16:43:36.410 webserver advertising 192.168.200.119:5380
2014-08-11 16:43:36.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-11 16:43:36.410 filters & delay HH1:2@100,Linear all=0.320000
2014-08-11 16:43:36.410 filters & delay HH2:3@100,Linear all=0.320000
2014-08-11 16:43:36.410 filters & delay BDH:4@20,Linear all=1.650000
2014-08-11 16:43:36.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-11 16:43:36.410 filters & delay LH1:2@1,Linear all=15.000000
2014-08-11 16:43:36.410 filters & delay LH2:3@1,Linear all=15.000000
2014-08-11 16:43:36.410 filters & delay LDH:4@1,Linear all=15.000000
2014-08-11 16:43:36.410 [2014-08-11 04:42:41.999998] continuity found: 10982271
461047362.000000 Q=100
2014-08-11 16:43:36.410 [2014-08-11 04:42:41.999998] restoring continuity
2014-08-11 16:43:36.410 Sending DT_OPEN
2014-08-11 16:43:36.410 Station: XX-2017
2014-08-11 16:43:36.410 Q330 Serial Number: 0100000DB18FC351
2014-08-11 16:43:36.410 AMB Serial Number: 0100000B6909DD82
2014-08-11 16:43:36.410 Seismo 1 Serial Number: 0000000000000000

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2014-08-11 16:43:36.410 Seismo 2 Serial Number: 0000000000000000
2014-08-11 16:43:36.410 QAPCHP 1 Serial Number: 4643206
2014-08-11 16:43:36.410 QAPCHP 2 Serial Number: 3743050
2014-08-11 16:43:36.410 KMI Property Tag Number: 2017
2014-08-11 16:43:36.410 System Software Version: 1.146
2014-08-11 16:43:36.410 Slave Processor Version: 1.11
2014-08-11 16:43:36.410 Calibrator Type: QCAL330
2014-08-11 16:43:36.410 Calibrator Version: 1.8
2014-08-11 16:43:36.410 Auxiliary Board Type: None
2014-08-11 16:43:36.410 Clock Type: Motorola M12
2014-08-11 16:43:36.410 PLD Version: 7.9
2014-08-11 16:43:36.410 Total Hours: 68205.21
2014-08-11 16:43:36.410 Power On Hours: 32835.60
2014-08-11 16:43:36.410 Time of Last Boot: 2014-04-06 02:03:58
2014-08-11 16:43:36.410 Total Number of Boots: 120
2014-08-11 16:43:36.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-11 16:43:36.410 Total Number of Re-Syncs: 213
2014-08-11 16:43:36.410 Status Inputs: 00000000
2014-08-11 16:43:36.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-08-11 16:43:36.410 Clock Quality: 100%
2014-08-11 16:43:36.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-11 16:43:36.410 Clock Phase: 0 usec. max allowed=50000
2014-08-11 16:43:36.410 Boom positions:
2014-08-11 16:43:36.410 Ch1: -2 Ch2: -14 Ch3: 21 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-11 16:43:36.410 Analog Status
2014-08-11 16:43:36.410 Analog Positive Supply: 5.46v
2014-08-11 16:43:36.410 Input Voltage: 13.20V
2014-08-11 16:43:36.410 System Temperature: 5C
2014-08-11 16:43:36.410 Main Current: 64ma
2014-08-11 16:43:36.410 Antenna Current: 0ma
2014-08-11 16:43:36.410 GPS Status
2014-08-11 16:43:36.410 Time: 16:43:35
2014-08-11 16:43:36.410 Date:
2014-08-11 16:43:36.410 Fix Type: 1-D
2014-08-11 16:43:36.410 Height:
2014-08-11 16:43:36.410 Latitude:
2014-08-11 16:43:36.410 Longitude:
2014-08-11 16:43:36.410 On Time: 0min
2014-08-11 16:43:36.410 Sat. Used: 0
2014-08-11 16:43:36.410 In View: 0
2014-08-11 16:43:36.410 Checksum Errors: 0
2014-08-11 16:43:36.410 Last GPS timemark: 2014-08-11 16:43:34
2014-08-11 16:43:36.410 PLL Status
2014-08-11 16:43:36.410 State: Lock
2014-08-11 16:43:36.410 Initial VCO: 2200.683105
2014-08-11 16:43:36.410 Time Error: 0.000000
2014-08-11 16:43:36.410 RMS VCO: 0.0000000
2014-08-11 16:43:36.410 Best VCO: 2200.73
2014-08-11 16:43:36.410 Seconds Since Track or Lock: 0.0
2014-08-11 16:43:36.410 Vco Control: 2201
2014-08-11 16:43:36.410 timing mode: external seascan
2014-08-11 16:43:36.410 tempco normal
2014-08-11 16:43:36.410 PLL update: 10s PLL lock criterion: 5us
2014-08-11 16:43:36.410 Pfrac: 150.00
2014-08-11 16:43:36.410 VCO slope: -0.0175000
2014-08-11 16:43:36.410 VCO intercept: 7.1100001
2014-08-11 16:43:36.410 Km delta: 600.0000000
2014-08-11 16:43:36.410 Logical Port 4 Status
2014-08-11 16:43:36.410 Data Packets Sent: 12337422
2014-08-11 16:43:36.410 Flood Packets Sent: 0
2014-08-11 16:43:36.410 Packets Re-Sent: 19202
2014-08-11 16:43:36.410 Sequence Errors: 0
2014-08-11 16:43:36.410 Physical Port: Ethernet

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2014-08-11 16:43:36.410 Baler Model: 14 Software Version: 2.28  
 2014-08-11 16:43:36.410 MAC Address: 00:04:FB:00:02:EA  
 2014-08-11 16:43:36.410 Disk Size: 20000669696  
 2014-08-11 16:43:36.410 Percent of 1177 data files in use: 25.0  
 2014-08-11 16:43:36.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-11 16:43:36.410 Channel Sensitivities (uV per count):  
 2014-08-11 16:43:36.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-11 16:43:36.410 Digitizer Calibration Results:  
 2014-08-11 16:43:36.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-11 16:43:36.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-11 16:43:36.410 DMU1 Software Version=10  
 2014-08-11 16:43:36.410 Supply Voltage=12.7  
 2014-08-11 16:43:36.410 Supply Current=0.40  
 2014-08-11 16:43:36.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-11 16:43:36.410 WebLink Data Maps Restored  
 2014-08-11 16:43:36.410 [2014-08-11 04:42:41.999998] sequence resumes: 10982271 to 10982271  
 2014-08-11 16:43:36.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-11 16:43:35  
 2014-08-11 16:48:57.670 Reducing Status Polling Interval  
 2014-08-11 16:48:57.670 [2014-08-11 16:48:56.999998] total packets received: 45717  
 2014-08-11 16:48:57.670 [2014-08-11 16:48:56.999998] command timeouts: 6  
 2014-08-11 16:48:57.670 [2014-08-11 16:48:56.999998] out of window: 62  
 2014-08-11 16:48:57.670 written: HHZ-1166 HH1-1376 HH2-1324 BDH-426 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-08-11 16:48:57.670 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-23 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-08-11 16:48:57.670 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-11 16:48:57.670 [2014-08-11 16:48:56.999998] Done: 4420 recs. seq end: 11025846. run: 317 s  
 2014-08-12 04:49:52.320  
 2014-08-12 04:49:52.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-12 04:49:52.320 Control Port 2491 Opened  
 2014-08-12 04:49:52.320 Baler ready on Ethernet  
 2014-08-12 04:49:52.320 Power Cycled Baler Acknowledged  
 2014-08-12 04:49:52.320 Commands Accepted by Q330  
 2014-08-12 04:49:52.320 Access timeout: 300 sec  
 2014-08-12 04:49:52.320 Control Port 4023 Opened  
 2014-08-12 04:49:52.320 Data Port 4024 Opened  
 2014-08-12 04:49:52.320 Registered with Q330  
 2014-08-12 04:49:52.320 Combination Record Received  
 2014-08-12 04:49:52.320 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-12 04:49:52.320 Link Reset, starting window sequence: 60970  
 2014-08-12 04:49:52.320 GPS Receiver ID Received  
 2014-08-12 04:49:52.320 Manufacturer's Data Received, Property Tag=2017  
 2014-08-12 04:49:52.320 Digitizer Gain & Offsets Received  
 2014-08-12 04:49:52.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4420 recs. seq end: 11025846  
 2014-08-12 04:49:52.320 Baler clock set to 2014-08-12 04:49:51  
 2014-08-12 04:49:52.320 Starting to Read DP Tokens  
 2014-08-12 04:49:52.320 DP Tokens loaded, size=1474 bytes  
 2014-08-12 04:49:52.320 webserver advertising 192.168.200.119:5380  
 2014-08-12 04:49:52.320 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-12 04:49:52.320 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-12 04:49:52.320 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-12 04:49:52.320 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-12 04:49:52.320 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-12 04:49:52.320 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-12 04:49:52.320 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-12 04:49:52.320 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-12 04:49:52.320 [2014-08-11 16:48:56.999998] continuity found: 11025846  
 461090937.000000 Q=100  
 2014-08-12 04:49:52.320 [2014-08-11 16:48:56.999998] restoring continuity

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2014-08-12 04:49:52.320 Sending DT_OPEN
2014-08-12 04:49:52.320 Station: XX-2017
2014-08-12 04:49:52.320 Q330 Serial Number: 0100000DB18FC351
2014-08-12 04:49:52.320 AMB Serial Number: 0100000B6909DD82
2014-08-12 04:49:52.320 Seismo 1 Serial Number: 0000000000000000
2014-08-12 04:49:52.320 Seismo 2 Serial Number: 0000000000000000
2014-08-12 04:49:52.320 QAPCHP 1 Serial Number: 4643206
2014-08-12 04:49:52.320 QAPCHP 2 Serial Number: 3743050
2014-08-12 04:49:52.320 KMI Property Tag Number: 2017
2014-08-12 04:49:52.320 System Software Version: 1.146
2014-08-12 04:49:52.320 Slave Processor Version: 1.11
2014-08-12 04:49:52.320 Calibrator Type: QCAL330
2014-08-12 04:49:52.320 Calibrator Version: 1.8
2014-08-12 04:49:52.320 Auxiliary Board Type: None
2014-08-12 04:49:52.320 Clock Type: Motorola M12
2014-08-12 04:49:52.320 PLD Version: 7.9
2014-08-12 04:49:52.320 Total Hours: 68217.32
2014-08-12 04:49:52.320 Power On Hours: 32847.70
2014-08-12 04:49:52.320 Time of Last Boot: 2014-04-06 02:03:58
2014-08-12 04:49:52.320 Total Number of Boots: 120
2014-08-12 04:49:52.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-12 04:49:52.320 Total Number of Re-Syncs: 213
2014-08-12 04:49:52.320 Status Inputs: 00000000
2014-08-12 04:49:52.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-12 04:49:52.320 Clock Quality: 100%
2014-08-12 04:49:52.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-12 04:49:52.320 Clock Phase: 0 usec. max allowed=50000
2014-08-12 04:49:52.320 Boom positions:
2014-08-12 04:49:52.320 Ch1: -2 Ch2: 2 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-12 04:49:52.320 Analog Status
2014-08-12 04:49:52.320 Analog Positive Supply: 5.46V
2014-08-12 04:49:52.320 Input Voltage: 13.35V
2014-08-12 04:49:52.320 System Temperature: 5C
2014-08-12 04:49:52.320 Main Current: 62ma
2014-08-12 04:49:52.320 Antenna Current: 0ma
2014-08-12 04:49:52.320 GPS Status
2014-08-12 04:49:52.320 Time: 04:49:51
2014-08-12 04:49:52.320 Date:
2014-08-12 04:49:52.320 Fix Type: 1-D
2014-08-12 04:49:52.320 Height:
2014-08-12 04:49:52.320 Latitude:
2014-08-12 04:49:52.320 Longitude:
2014-08-12 04:49:52.320 On Time: 0min
2014-08-12 04:49:52.320 Sat. Used: 0
2014-08-12 04:49:52.320 In View: 0
2014-08-12 04:49:52.320 Checksum Errors: 0
2014-08-12 04:49:52.320 Last GPS timemark: 2014-08-12 04:49:50
2014-08-12 04:49:52.320 PLL Status
2014-08-12 04:49:52.320 State: Lock
2014-08-12 04:49:52.320 Initial VCO: 2200.628418
2014-08-12 04:49:52.320 Time Error: 0.000000
2014-08-12 04:49:52.320 RMS VCO: 0.0000000
2014-08-12 04:49:52.320 Best VCO: 2200.70
2014-08-12 04:49:52.320 Seconds Since Track or Lock: 0.0
2014-08-12 04:49:52.320 Vco Control: 2201
2014-08-12 04:49:52.320 timing mode: external seascan
2014-08-12 04:49:52.320 tempco normal
2014-08-12 04:49:52.320 PLL update: 10s PLL lock criterion: 5us
2014-08-12 04:49:52.320 Pfrac: 150.00
2014-08-12 04:49:52.320 VCO slope: -0.0175000
2014-08-12 04:49:52.320 VCO intercept: 7.1100001
2014-08-12 04:49:52.320 km delta: 600.0000000
2014-08-12 04:49:52.320 Logical Port 4 Status

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2014-08-12 04:49:52.320 Data Packets Sent: 12383047
2014-08-12 04:49:52.320 Flood Packets Sent: 0
2014-08-12 04:49:52.320 Packets Re-Sent: 19282
2014-08-12 04:49:52.320 Sequence Errors: 0
2014-08-12 04:49:52.320 Packet Buffer Used: 22508540
2014-08-12 04:49:52.320 Physical Port: Ethernet
2014-08-12 04:49:52.320 Baler Model: 14 Software Version: 2.28
2014-08-12 04:49:52.320 MAC Address: 00:04:FB:00:02:EA
2014-08-12 04:49:52.320 Disk Size: 20000669696
2014-08-12 04:49:52.320 Percent of 1177 data files in use: 25.1
2014-08-12 04:49:52.320 Channels Enabled: 1234 Preamps ON channels:
2014-08-12 04:49:52.320 Channel Sensitivities (uV per count):
2014-08-12 04:49:52.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-12 04:49:52.320 Digitizer Calibration Results:
2014-08-12 04:49:52.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-12 04:49:52.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-12 04:49:52.320 DMU1 Software Version=10
2014-08-12 04:49:52.320 Supply Voltage=12.7
2014-08-12 04:49:52.320 Supply Current=0.41
2014-08-12 04:49:52.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-12 04:49:52.320 WebLink Data Maps Restored
2014-08-12 04:49:52.320 [2014-08-11 16:48:56.999998] sequence resumes: 11025846 to
11025846
2014-08-12 04:49:52.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-12 04:49:51
2014-08-12 04:53:11.090 [2014-08-12 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-12 04:55:35.270 Reducing Status Polling Interval
2014-08-12 04:55:35.270 [2014-08-12 04:55:34.999998] total packets received: 51915
2014-08-12 04:55:35.270 [2014-08-12 04:55:34.999998] command timeouts: 6
2014-08-12 04:55:35.270 [2014-08-12 04:55:34.999998] out of window: 81
2014-08-12 04:55:35.270 written: HHZ-1183 HH1-1400 HH2-1435 BDH-430 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-12 04:55:35.270 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-12 04:55:35.270 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-12 04:55:35.270 [2014-08-12 04:55:34.999998] Done: 4591 recs. seq end:
11069444. run: 338 s
2014-08-12 16:56:28.330
2014-08-12 16:56:28.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-12 16:56:28.330 Control Port 2491 Opened
2014-08-12 16:56:28.330 Baler ready on Ethernet
2014-08-12 16:56:28.330 Power Cycled Baler Acknowledged
2014-08-12 16:56:28.330 Commands Accepted by Q330
2014-08-12 16:56:28.330 Access timeout: 300 sec
2014-08-12 16:56:28.330 Control Port 4023 Opened
2014-08-12 16:56:28.330 Data Port 4024 Opened
2014-08-12 16:56:28.330 Registered with Q330
2014-08-12 16:56:28.330 Combination Record Received
2014-08-12 16:56:28.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-12 16:56:28.330 Link Reset, starting window sequence: 47232
2014-08-12 16:56:28.330 GPS Receiver ID Received
2014-08-12 16:56:28.330 Manufacturer's Data Received, Property Tag=2017
2014-08-12 16:56:28.330 Digitizer Gain & Offsets Received
2014-08-12 16:56:28.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4591 recs.
seq end: 11069444
2014-08-12 16:56:28.330 Baler clock set to 2014-08-12 16:56:27
2014-08-12 16:56:28.330 Starting to Read DP Tokens
2014-08-12 16:56:28.330 DP Tokens loaded, size=1474 bytes
2014-08-12 16:56:28.330 webserver advertising 192.168.200.119:5380
2014-08-12 16:56:28.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-12 16:56:28.330 filters & delay HH1:2@100,Linear all=0.320000
2014-08-12 16:56:28.330 filters & delay HH2:3@100,Linear all=0.320000

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2014-08-12 16:56:28.330 filters & delay BDH:4@20,Linear all=1.650000
2014-08-12 16:56:28.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-12 16:56:28.330 filters & delay LH1:2@1,Linear all=15.000000
2014-08-12 16:56:28.330 filters & delay LH2:3@1,Linear all=15.000000
2014-08-12 16:56:28.330 filters & delay LDH:4@1,Linear all=15.000000
2014-08-12 16:56:28.330 [2014-08-12 04:55:34.999998] continuity found: 11069444
461134535.000000 Q=100
2014-08-12 16:56:28.330 [2014-08-12 04:55:34.999998] restoring continuity
2014-08-12 16:56:28.330 Sending DT_OPEN
2014-08-12 16:56:28.330 Station: XX-2017
2014-08-12 16:56:28.330 Q330 Serial Number: 0100000DB18FC351
2014-08-12 16:56:28.330 AMB Serial Number: 0100000B6909DD82
2014-08-12 16:56:28.330 Seismo 1 Serial Number: 0000000000000000
2014-08-12 16:56:28.330 Seismo 2 Serial Number: 0000000000000000
2014-08-12 16:56:28.330 QAPCHP 1 Serial Number: 4643206
2014-08-12 16:56:28.330 QAPCHP 2 Serial Number: 3743050
2014-08-12 16:56:28.330 KMI Property Tag Number: 2017
2014-08-12 16:56:28.330 System Software Version: 1.146
2014-08-12 16:56:28.330 Slave Processor Version: 1.11
2014-08-12 16:56:28.330 Calibrator Type: QCAL330
2014-08-12 16:56:28.330 Auxiliary Board Type: None
2014-08-12 16:56:28.330 Clock Type: Motorola M12
2014-08-12 16:56:28.330 PLD Version: 7.9
2014-08-12 16:56:28.330 Total Hours: 68229.43
2014-08-12 16:56:28.330 Power On Hours: 32859.81
2014-08-12 16:56:28.330 Time of Last Boot: 2014-04-06 02:03:58
2014-08-12 16:56:28.330 Total Number of Boots: 120
2014-08-12 16:56:28.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-12 16:56:28.330 Total Number of Re-Syncs: 213
2014-08-12 16:56:28.330 Status Inputs: 00000000
2014-08-12 16:56:28.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-12 16:56:28.330 Clock Quality: 100%
2014-08-12 16:56:28.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-12 16:56:28.330 Clock Phase: 0 usec. max allowed=50000
2014-08-12 16:56:28.330 Boom positions:
2014-08-12 16:56:28.330 Ch1: -2 Ch2: -3 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-12 16:56:28.330 Analog Status
2014-08-12 16:56:28.330 Analog Positive Supply: 5.46V
2014-08-12 16:56:28.330 Input Voltage: 13.35V
2014-08-12 16:56:28.330 System Temperature: 5C
2014-08-12 16:56:28.330 Main Current: 61ma
2014-08-12 16:56:28.330 Antenna Current: 0ma
2014-08-12 16:56:28.330 GPS Status
2014-08-12 16:56:28.330 Time: 16:56:27
2014-08-12 16:56:28.330 Date:
2014-08-12 16:56:28.330 Fix Type: 1-D
2014-08-12 16:56:28.330 Height:
2014-08-12 16:56:28.330 Latitude:
2014-08-12 16:56:28.330 Longitude:
2014-08-12 16:56:28.330 On Time: 0min
2014-08-12 16:56:28.330 Sat. Used: 0
2014-08-12 16:56:28.330 In View: 0
2014-08-12 16:56:28.330 Checksum Errors: 0
2014-08-12 16:56:28.330 Last GPS timemark: 2014-08-12 16:56:26
2014-08-12 16:56:28.330 PLL Status
2014-08-12 16:56:28.330 State: Lock
2014-08-12 16:56:28.330 Initial VCO: 2200.106934
2014-08-12 16:56:28.330 Time Error: 0.000000
2014-08-12 16:56:28.330 RMS VCO: 0.000000
2014-08-12 16:56:28.330 Best VCO: 2200.07
2014-08-12 16:56:28.330 Seconds Since Track or Lock: 0.0
2014-08-12 16:56:28.330 Vco Control: 2200
2014-08-12 16:56:28.330 timing mode: external seascan

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2014-08-12 16:56:28.330 tempco normal
2014-08-12 16:56:28.330 PLL update: 10s PLL lock criterion: 5us
2014-08-12 16:56:28.330 Pfrac: 150.00
2014-08-12 16:56:28.330 VCO slope: -0.0175000
2014-08-12 16:56:28.330 VCO intercept: 7.1100001
2014-08-12 16:56:28.330 km delta: 600.0000000
2014-08-12 16:56:28.330 Logical Port 4 Status
2014-08-12 16:56:28.330 Data Packets Sent: 12434850
2014-08-12 16:56:28.330 Flood Packets Sent: 0
2014-08-12 16:56:28.330 Packets Re-Sent: 19378
2014-08-12 16:56:28.330 Sequence Errors: 0
2014-08-12 16:56:28.330 Packet Buffer Used: 22220944
2014-08-12 16:56:28.330 Physical Port: Ethernet
2014-08-12 16:56:28.330 Baler Model: 14 Software Version: 2.28
2014-08-12 16:56:28.330 MAC Address: 00:04:FB:00:02:EA
2014-08-12 16:56:28.330 Disk Size: 20000669696
2014-08-12 16:56:28.330 Percent of 1177 data files in use: 25.2
2014-08-12 16:56:28.330 Channels Enabled: 1234 Preamps ON channels:
2014-08-12 16:56:28.330 Channel Sensitivities (uV per count):
2014-08-12 16:56:28.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-12 16:56:28.330 Digitizer Calibration Results:
2014-08-12 16:56:28.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-12 16:56:28.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-12 16:56:28.330 DMU1 Software Version=10
2014-08-12 16:56:28.330 Supply Voltage=12.7
2014-08-12 16:56:28.330 Supply Current=0.40
2014-08-12 16:56:28.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-12 16:56:28.330 WebLink Data Maps Restored
2014-08-12 16:56:28.330 [2014-08-12 04:55:34.999998] sequence resumes: 11069444 to
11069444
2014-08-12 16:56:28.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-08-12 16:56:27
2014-08-12 17:01:56.560 Reducing Status Polling Interval
2014-08-12 17:01:56.560 [2014-08-12 17:01:55.999998] total packets received: 47794
2014-08-12 17:01:56.560 [2014-08-12 17:01:55.999998] command timeouts: 6
2014-08-12 17:01:56.560 [2014-08-12 17:01:55.999998] out of window: 66
2014-08-12 17:01:56.560 written: HHZ-1182 HH1-1386 HH2-1372 BDH-438 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-12 17:01:56.560 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-12 17:01:56.560 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-12 17:01:56.560 [2014-08-12 17:01:55.999998] Done: 4517 recs. seq end:
11113025. run: 324 s
2014-08-13 05:02:49.400
2014-08-13 05:02:49.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-13 05:02:49.400 Control Port 2491 Opened
2014-08-13 05:02:49.400 Baler ready on Ethernet
2014-08-13 05:02:49.400 Power Cycled Baler Acknowledged
2014-08-13 05:02:49.400 Commands Accepted by Q330
2014-08-13 05:02:49.400 Access timeout: 300 sec
2014-08-13 05:02:49.400 Control Port 4023 Opened
2014-08-13 05:02:49.400 Data Port 4024 Opened
2014-08-13 05:02:49.400 Registered with Q330
2014-08-13 05:02:49.400 Combination Record Received
2014-08-13 05:02:49.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-13 05:02:49.400 Link Reset, starting window sequence: 29389
2014-08-13 05:02:49.400 GPS Receiver ID Received
2014-08-13 05:02:49.400 Manufacturer's Data Received, Property Tag=2017
2014-08-13 05:02:49.400 Digitizer Gain & Offsets Received
2014-08-13 05:02:49.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4517 recs.
seq end: 11113025
2014-08-13 05:02:49.400 Baler clock set to 2014-08-13 05:02:48
2014-08-13 05:02:49.400 Starting to Read DP Tokens

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2014-08-13 05:02:49.400 DP Tokens loaded, size=1474 bytes
2014-08-13 05:02:49.400 Webserver advertising 192.168.200.119:5380
2014-08-13 05:02:49.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-13 05:02:49.400 filters & delay HH1:2@100,Linear all=0.320000
2014-08-13 05:02:49.400 filters & delay HH2:3@100,Linear all=0.320000
2014-08-13 05:02:49.400 filters & delay BDH:4@20,Linear all=1.650000
2014-08-13 05:02:49.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-13 05:02:49.400 filters & delay LH1:2@1,Linear all=15.000000
2014-08-13 05:02:49.400 filters & delay LH2:3@1,Linear all=15.000000
2014-08-13 05:02:49.400 filters & delay LDH:4@1,Linear all=15.000000
2014-08-13 05:02:49.400 [2014-08-12 17:01:55.999998] continuity found: 11113025
461178116.000000 Q=100
2014-08-13 05:02:49.400 [2014-08-12 17:01:55.999998] restoring continuity
2014-08-13 05:02:49.400 Sending DT_OPEN
2014-08-13 05:02:49.400 Station: XX-2017
2014-08-13 05:02:49.400 Q330 Serial Number: 0100000DB18FC351
2014-08-13 05:02:49.400 AMB Serial Number: 0100000B6909DD82
2014-08-13 05:02:49.400 Seismo 1 Serial Number: 0000000000000000
2014-08-13 05:02:49.400 Seismo 2 Serial Number: 0000000000000000
2014-08-13 05:02:49.400 QAPCHP 1 Serial Number: 4643206
2014-08-13 05:02:49.400 QAPCHP 2 Serial Number: 3743050
2014-08-13 05:02:49.400 KMI Property Tag Number: 2017
2014-08-13 05:02:49.400 System Software Version: 1.146
2014-08-13 05:02:49.400 Slave Processor Version: 1.11
2014-08-13 05:02:49.400 Calibrator Type: QCAL330
2014-08-13 05:02:49.400 Calibrator Version: 1.8
2014-08-13 05:02:49.400 Auxiliary Board Type: None
2014-08-13 05:02:49.400 Clock Type: Motorola M12
2014-08-13 05:02:49.400 PLD Version: 7.9
2014-08-13 05:02:49.400 Total Hours: 68241.53
2014-08-13 05:02:49.400 Power On Hours: 32871.92
2014-08-13 05:02:49.400 Time of Last Boot: 2014-04-06 02:03:58
2014-08-13 05:02:49.400 Total Number of Boots: 120
2014-08-13 05:02:49.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-13 05:02:49.400 Total Number of Re-Syncs: 213
2014-08-13 05:02:49.400 Status Inputs: 00000000
2014-08-13 05:02:49.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-13 05:02:49.400 Clock Quality: 100%
2014-08-13 05:02:49.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-13 05:02:49.400 Clock Phase: 0 usec. max allowed=50000
2014-08-13 05:02:49.400 Boom positions:
2014-08-13 05:02:49.400 Ch1: -2 Ch2: -7 Ch3: 10 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-13 05:02:49.400 Analog Status
2014-08-13 05:02:49.400 Analog Positive Supply: 5.44V
2014-08-13 05:02:49.400 Input Voltage: 13.35V
2014-08-13 05:02:49.400 System Temperature: 5C
2014-08-13 05:02:49.400 Main Current: 61ma
2014-08-13 05:02:49.400 Antenna Current: 0ma
2014-08-13 05:02:49.400 GPS Status
2014-08-13 05:02:49.400 Time: 05:02:48
2014-08-13 05:02:49.400 Date:
2014-08-13 05:02:49.400 Fix Type: 1-D
2014-08-13 05:02:49.400 Height:
2014-08-13 05:02:49.400 Latitude:
2014-08-13 05:02:49.400 Longitude:
2014-08-13 05:02:49.400 On Time: 0min
2014-08-13 05:02:49.400 Sat. Used: 0
2014-08-13 05:02:49.400 In View: 0
2014-08-13 05:02:49.400 Checksum Errors: 0
2014-08-13 05:02:49.400 Last GPS timemark: 2014-08-13 05:02:47
2014-08-13 05:02:49.400 PLL Status
2014-08-13 05:02:49.400 State: Lock
2014-08-13 05:02:49.400 Initial VCO: 2200.278564

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2014-08-13 05:02:49.400 Time Error: 0.000000
2014-08-13 05:02:49.400 RMS VCO: 0.0000000
2014-08-13 05:02:49.400 Best VCO: 2200.28
2014-08-13 05:02:49.400 Seconds Since Track or Lock: 0.0
2014-08-13 05:02:49.400 Vco Control: 2200
2014-08-13 05:02:49.400 timing mode: external seascan
2014-08-13 05:02:49.400 tempco normal
2014-08-13 05:02:49.400 PLL update: 10s PLL lock criterion: 5us
2014-08-13 05:02:49.400 Pfrac: 150.00
2014-08-13 05:02:49.400 VCO slope: -0.0175000
2014-08-13 05:02:49.400 VCO intercept: 7.1100001
2014-08-13 05:02:49.400 Km delta: 600.0000000
2014-08-13 05:02:49.400 Logical Port 4 Status
2014-08-13 05:02:49.400 Data Packets Sent: 12482548
2014-08-13 05:02:49.400 Flood Packets Sent: 0
2014-08-13 05:02:49.400 Packets Re-Sent: 19458
2014-08-13 05:02:49.400 Sequence Errors: 0
2014-08-13 05:02:49.400 Packet Buffer Used: 22604020
2014-08-13 05:02:49.400 Physical Port: Ethernet
2014-08-13 05:02:49.400 Baler Model: 14 Software Version: 2.28
2014-08-13 05:02:49.400 MAC Address: 00:04:FB:00:02:EA
2014-08-13 05:02:49.400 Disk Size: 20000669696
2014-08-13 05:02:49.400 Percent of 1177 data files in use: 25.2
2014-08-13 05:02:49.400 Channels Enabled: 1234 Preamps ON channels:
2014-08-13 05:02:49.400 Channel Sensitivities (uV per count):
2014-08-13 05:02:49.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-13 05:02:49.400 Digitizer Calibration Results:
2014-08-13 05:02:49.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-13 05:02:49.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-13 05:02:49.400 DMU1 Software Version=10
2014-08-13 05:02:49.400 Supply Voltage=12.8
2014-08-13 05:02:49.400 Supply Current=0.41
2014-08-13 05:02:49.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-13 05:02:49.400 webLink Data Maps Restored
2014-08-13 05:02:49.400 [2014-08-12 17:01:55.999998] sequence resumes: 11113025 to
11113025
2014-08-13 05:02:49.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-08-13 05:02:48
2014-08-13 05:05:53.070 [2014-08-13 00:00:00.000001] saving Configuration to Backup
Memory
2014-08-13 05:08:31.420 Reducing Status Polling Interval
2014-08-13 05:08:31.420 [2014-08-13 05:08:30.999998] total packets received: 52329
2014-08-13 05:08:31.420 [2014-08-13 05:08:30.999998] command timeouts: 6
2014-08-13 05:08:31.420 [2014-08-13 05:08:30.999998] out of window: 74
2014-08-13 05:08:31.420 written: HHZ-1209 HH1-1408 HH2-1410 BDH-445 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-08-13 05:08:31.420 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2014-08-13 05:08:31.420 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-13 05:08:31.420 [2014-08-13 05:08:30.999998] Done: 4612 recs. seq end:
11156620. run: 337 s
2014-08-13 17:09:24.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-13 17:09:24.370 Control Port 2491 Opened
2014-08-13 17:09:24.370 Baler ready on Ethernet
2014-08-13 17:09:24.370 Power Cycled Baler Acknowledged
2014-08-13 17:09:24.370 Commands Accepted by Q330
2014-08-13 17:09:24.370 Access timeout: 300 sec
2014-08-13 17:09:24.370 Control Port 4023 Opened
2014-08-13 17:09:24.370 Data Port 4024 Opened
2014-08-13 17:09:24.370 Registered with Q330
2014-08-13 17:09:24.370 Combination Record Received
2014-08-13 17:09:24.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-13 17:09:24.370 Link Reset, starting window sequence: 16071

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2014-08-13 17:09:24.370 GPS Receiver ID Received  
 2014-08-13 17:09:24.370 Manufacturer's Data Received, Property Tag=2017  
 2014-08-13 17:09:24.370 Digitizer Gain & Offsets Received  
 2014-08-13 17:09:24.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4612 recs.  
 seq end: 11156620  
 2014-08-13 17:09:24.370 Baler clock set to 2014-08-13 17:09:23  
 2014-08-13 17:09:24.370 Starting to Read DP Tokens  
 2014-08-13 17:09:24.370 DP Tokens loaded, size=1474 bytes  
 2014-08-13 17:09:24.370 Webserver advertising 192.168.200.119:5380  
 2014-08-13 17:09:24.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-13 17:09:24.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-13 17:09:24.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-13 17:09:24.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-13 17:09:24.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-13 17:09:24.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-13 17:09:24.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-13 17:09:24.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-13 17:09:24.370 [2014-08-13 05:08:30.999998] continuity found: 11156620  
 461221711.000000 Q=100  
 2014-08-13 17:09:24.370 [2014-08-13 05:08:30.999998] restoring continuity  
 2014-08-13 17:09:24.370 Sending DT\_OPEN  
 2014-08-13 17:09:24.370 Station: XX-2017  
 2014-08-13 17:09:24.370 Q330 Serial Number: 0100000DB18FC351  
 2014-08-13 17:09:24.370 AMB Serial Number: 0100000B6909DD82  
 2014-08-13 17:09:24.370 Seismo 1 Serial Number: 0000000000000000  
 2014-08-13 17:09:24.370 Seismo 2 Serial Number: 0000000000000000  
 2014-08-13 17:09:24.370 QAPCHP 1 Serial Number: 4643206  
 2014-08-13 17:09:24.370 QAPCHP 2 Serial Number: 3743050  
 2014-08-13 17:09:24.370 KMI Property Tag Number: 2017  
 2014-08-13 17:09:24.370 System Software Version: 1.146  
 2014-08-13 17:09:24.370 Slave Processor Version: 1.11  
 2014-08-13 17:09:24.370 Calibrator Type: QCAL330  
 2014-08-13 17:09:24.370 Calibrator Version: 1.8  
 2014-08-13 17:09:24.370 Auxiliary Board Type: None  
 2014-08-13 17:09:24.370 Clock Type: Motorola M12  
 2014-08-13 17:09:24.370 PLD Version: 7.9  
 2014-08-13 17:09:24.370 Total Hours: 68253.64  
 2014-08-13 17:09:24.370 Power On Hours: 32884.03  
 2014-08-13 17:09:24.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-13 17:09:24.370 Total Number of Boots: 120  
 2014-08-13 17:09:24.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-13 17:09:24.370 Total Number of Re-Syncs: 213  
 2014-08-13 17:09:24.370 Status Inputs: 00000000  
 2014-08-13 17:09:24.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-13 17:09:24.370 Clock Quality: 100%  
 2014-08-13 17:09:24.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-13 17:09:24.370 Clock Phase: 0 usec. max allowed=50000  
 2014-08-13 17:09:24.370 Boom positions:  
 2014-08-13 17:09:24.370 ch1: -2 ch2: -11 ch3: 15 ch4: 20 ch5: 20 ch6: 20  
 2014-08-13 17:09:24.370 Analog Status  
 2014-08-13 17:09:24.370 Analog Positive Supply: 5.46V  
 2014-08-13 17:09:24.370 Input Voltage: 13.35V  
 2014-08-13 17:09:24.370 System Temperature: 5C  
 2014-08-13 17:09:24.370 Main Current: 62ma  
 2014-08-13 17:09:24.370 Antenna Current: 0ma  
 2014-08-13 17:09:24.370 GPS Status  
 2014-08-13 17:09:24.370 Time: 17:09:23  
 2014-08-13 17:09:24.370 Date:  
 2014-08-13 17:09:24.370 Fix Type: 1-D  
 2014-08-13 17:09:24.370 Height:  
 2014-08-13 17:09:24.370 Latitude:  
 2014-08-13 17:09:24.370 Longitude:  
 2014-08-13 17:09:24.370 On Time: 0min

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2014-08-13 17:09:24.370 Sat. Used: 0  
 2014-08-13 17:09:24.370 In View: 0  
 2014-08-13 17:09:24.370 Checksum Errors: 0  
 2014-08-13 17:09:24.370 Last GPS timemark: 2014-08-13 17:09:22  
 2014-08-13 17:09:24.370 PLL Status  
 2014-08-13 17:09:24.370 State: Lock  
 2014-08-13 17:09:24.370 Initial VCO: 2199.714111  
 2014-08-13 17:09:24.370 Time Error: 0.000000  
 2014-08-13 17:09:24.370 RMS VCO: 0.000000  
 2014-08-13 17:09:24.370 Best VCO: 2199.56  
 2014-08-13 17:09:24.370 Seconds Since Track or Lock: 0.0  
 2014-08-13 17:09:24.370 Vco Control: 2200  
 2014-08-13 17:09:24.370 timing mode: external seascan  
 2014-08-13 17:09:24.370 tempco normal  
 2014-08-13 17:09:24.370 PLL update: 10s PLL lock criterion: 5us  
 2014-08-13 17:09:24.370 Pfrac: 150.00  
 2014-08-13 17:09:24.370 VCO slope: -0.0175000  
 2014-08-13 17:09:24.370 VCO intercept: 7.1100001  
 2014-08-13 17:09:24.370 Km delta: 600.0000000  
 2014-08-13 17:09:24.370 Logical Port 4 Status  
 2014-08-13 17:09:24.370 Data Packets Sent: 12534772  
 2014-08-13 17:09:24.370 Flood Packets Sent: 0  
 2014-08-13 17:09:24.370 Packets Re-Sent: 19548  
 2014-08-13 17:09:24.370 Sequence Errors: 0  
 2014-08-13 17:09:24.370 Packet Buffer Used: 22772480  
 2014-08-13 17:09:24.370 Physical Port: Ethernet  
 2014-08-13 17:09:24.370 Baler Model: 14 Software Version: 2.28  
 2014-08-13 17:09:24.370 MAC Address: 00:04:FB:00:02:EA  
 2014-08-13 17:09:24.370 Disk Size: 20000669696  
 2014-08-13 17:09:24.370 Percent of 1177 data files in use: 25.3  
 2014-08-13 17:09:24.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-13 17:09:24.370 Channel Sensitivities (uV per count):  
 2014-08-13 17:09:24.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-13 17:09:24.370 Digitizer Calibration Results:  
 2014-08-13 17:09:24.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-13 17:09:24.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-13 17:09:24.370 DMU1 Software Version=10  
 2014-08-13 17:09:24.370 Supply Voltage=12.7  
 2014-08-13 17:09:24.370 Supply Current=0.40  
 2014-08-13 17:09:24.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-13 17:09:24.370 webLink Data Maps Restored  
 2014-08-13 17:09:24.370 [2014-08-13 05:08:30.999998] sequence resumes: 11156620 to  
 11156620  
 2014-08-13 17:09:24.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-13 17:09:23  
 2014-08-13 17:15:13.530 [2014-08-13 17:15:03.999998] total packets received: 58649  
 2014-08-13 17:15:13.530 [2014-08-13 17:15:03.999998] command timeouts: 6  
 2014-08-13 17:15:13.530 [2014-08-13 17:15:03.999998] out of window: 74  
 2014-08-13 17:15:13.530 written: HHZ-1218 HH1-1433 HH2-1406 BDH-445 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-08-13 17:15:13.530 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-08-13 17:15:13.530 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-13 17:15:13.530 [2014-08-13 17:15:03.999998] Done: 4644 recs. seq end:  
 11200213. run: 345 s  
 2014-08-14 05:16:05.380  
 2014-08-14 05:16:05.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-14 05:16:05.380 Control Port 2491 Opened  
 2014-08-14 05:16:05.380 Baler ready on Ethernet  
 2014-08-14 05:16:05.380 Power Cycled Baler Acknowledged  
 2014-08-14 05:16:05.380 Commands Accepted by Q330  
 2014-08-14 05:16:05.380 Access timeout: 300 sec  
 2014-08-14 05:16:05.380 Control Port 4023 Opened

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2014-08-14 05:16:05.380 Data Port 4024 Opened
2014-08-14 05:16:05.380 Registered with Q330
2014-08-14 05:16:05.380 Combination Record Received
2014-08-14 05:16:05.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-14 05:16:05.380 Link Reset, starting window sequence: 9074
2014-08-14 05:16:05.380 GPS Receiver ID Received
2014-08-14 05:16:05.380 Manufacturer's Data Received, Property Tag=2017
2014-08-14 05:16:05.380 Digitizer Gain & Offsets Received
2014-08-14 05:16:05.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4644 recs.
seq end: 11200213
2014-08-14 05:16:05.380 Baler clock set to 2014-08-14 05:16:04
2014-08-14 05:16:05.380 Starting to Read DP Tokens
2014-08-14 05:16:05.380 DP Tokens loaded, size=1474 bytes
2014-08-14 05:16:05.380 webserver advertising 192.168.200.119:5380
2014-08-14 05:16:05.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-14 05:16:05.380 filters & delay HH1:2@100,Linear all=0.320000
2014-08-14 05:16:05.380 filters & delay HH2:3@100,Linear all=0.320000
2014-08-14 05:16:05.380 filters & delay BDH:4@20,Linear all=1.650000
2014-08-14 05:16:05.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-14 05:16:05.380 filters & delay LH1:2@1,Linear all=15.000000
2014-08-14 05:16:05.380 filters & delay LH2:3@1,Linear all=15.000000
2014-08-14 05:16:05.380 filters & delay LDH:4@1,Linear all=15.000000
2014-08-14 05:16:05.380 [2014-08-13 17:15:03.999998] continuity found: 11200213
461265304.000000 Q=100
2014-08-14 05:16:05.380 [2014-08-13 17:15:03.999998] restoring continuity
2014-08-14 05:16:05.380 Sending DT_OPEN
2014-08-14 05:16:05.380 Station: XX-2017
2014-08-14 05:16:05.380 Q330 Serial Number: 0100000DB18FC351
2014-08-14 05:16:05.380 AMB Serial Number: 0100000B6909DD82
2014-08-14 05:16:05.380 Seismo 1 Serial Number: 0000000000000000
2014-08-14 05:16:05.380 Seismo 2 Serial Number: 0000000000000000
2014-08-14 05:16:05.380 QAPCHP 1 Serial Number: 4643206
2014-08-14 05:16:05.380 QAPCHP 2 Serial Number: 3743050
2014-08-14 05:16:05.380 KMI Property Tag Number: 2017
2014-08-14 05:16:05.380 System Software Version: 1.146
2014-08-14 05:16:05.380 Slave Processor Version: 1.11
2014-08-14 05:16:05.380 Calibrator Type: QCAL330
2014-08-14 05:16:05.380 Calibrator Version: 1.8
2014-08-14 05:16:05.380 Auxiliary Board Type: None
2014-08-14 05:16:05.380 Clock Type: Motorola M12
2014-08-14 05:16:05.380 PLD Version: 7.9
2014-08-14 05:16:05.380 Total Hours: 68265.75
2014-08-14 05:16:05.380 Power On Hours: 32896.14
2014-08-14 05:16:05.380 Time of Last Boot: 2014-04-06 02:03:58
2014-08-14 05:16:05.380 Total Number of Boots: 120
2014-08-14 05:16:05.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-14 05:16:05.380 Total Number of Re-Syncs: 213
2014-08-14 05:16:05.380 Status Inputs: 00000000
2014-08-14 05:16:05.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-14 05:16:05.380 Clock Quality: 100%
2014-08-14 05:16:05.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-14 05:16:05.380 Clock Phase: 0 usec. max allowed=50000
2014-08-14 05:16:05.380 Boom positions:
2014-08-14 05:16:05.380 ch1: -2 ch2: -18 ch3: 21 ch4: 20 ch5: 20 ch6: 20
2014-08-14 05:16:05.380 Analog Status
2014-08-14 05:16:05.380 Analog Positive Supply: 5.46V
2014-08-14 05:16:05.380 Input Voltage: 13.20V
2014-08-14 05:16:05.380 System Temperature: 5C
2014-08-14 05:16:05.380 Main Current: 62ma
2014-08-14 05:16:05.380 Antenna Current: 0ma
2014-08-14 05:16:05.380 GPS Status
2014-08-14 05:16:05.380 Time: 05:16:04
2014-08-14 05:16:05.380 Date:

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2014-08-14 05:16:05.380 Fix Type: 1-D
2014-08-14 05:16:05.380 Height:
2014-08-14 05:16:05.380 Latitude:
2014-08-14 05:16:05.380 Longitude:
2014-08-14 05:16:05.380 On Time: 0min
2014-08-14 05:16:05.380 Sat. Used: 0
2014-08-14 05:16:05.380 In View: 0
2014-08-14 05:16:05.380 Checksum Errors: 0
2014-08-14 05:16:05.380 Last GPS timemark: 2014-08-14 05:16:03
2014-08-14 05:16:05.380 PLL Status
2014-08-14 05:16:05.380 State: Lock
2014-08-14 05:16:05.380 Initial VCO: 2199.825684
2014-08-14 05:16:05.380 Time Error: 0.000000
2014-08-14 05:16:05.380 RMS VCO: 0.000000
2014-08-14 05:16:05.380 Best VCO: 2199.85
2014-08-14 05:16:05.380 Vco Control: 2200
2014-08-14 05:16:05.380 timing mode: external seascan
2014-08-14 05:16:05.380 tempco normal
2014-08-14 05:16:05.380 PLL update: 10s PLL lock criterion: 5us
2014-08-14 05:16:05.380 Pfrac: 150.00
2014-08-14 05:16:05.380 VCO slope: -0.0175000
2014-08-14 05:16:05.380 VCO intercept: 7.1100001
2014-08-14 05:16:05.380 Km delta: 600.0000000
2014-08-14 05:16:05.380 Logical Port 4 Status
2014-08-14 05:16:05.380 Data Packets Sent: 12593316
2014-08-14 05:16:05.380 Flood Packets Sent: 0
2014-08-14 05:16:05.380 Packets Re-Sent: 19639
2014-08-14 05:16:05.380 Sequence Errors: 0
2014-08-14 05:16:05.380 Packet Buffer Used: 22338460
2014-08-14 05:16:05.380 Physical Port: Ethernet
2014-08-14 05:16:05.380 Baler Model: 14 Software Version: 2.28
2014-08-14 05:16:05.380 MAC Address: 00:04:FB:00:02:EA
2014-08-14 05:16:05.380 Disk Size: 20000669696
2014-08-14 05:16:05.380 Percent of 1177 data files in use: 25.5
2014-08-14 05:16:05.380 Channels Enabled: 1234 Preamps ON channels:
2014-08-14 05:16:05.380 Channel Sensitivities (uV per count):
2014-08-14 05:16:05.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-14 05:16:05.380 Digitizer Calibration Results:
2014-08-14 05:16:05.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-14 05:16:05.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-14 05:16:05.380 DMU1 Software Version=10
2014-08-14 05:16:05.380 Supply Voltage=12.7
2014-08-14 05:16:05.380 Supply Current=0.41
2014-08-14 05:16:05.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-14 05:16:05.380 WebLink Data Maps Restored
2014-08-14 05:16:05.380 [2014-08-13 17:15:03.999998] sequence resumes: 11200213 to
11200213
2014-08-14 05:16:05.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-14 05:16:04
2014-08-14 05:19:04.820 [2014-08-14 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-14 05:21:34.550 [2014-08-14 05:17:17.000000] total packets received: 50800
2014-08-14 05:21:34.550 [2014-08-14 05:17:17.000000] command timeouts: 6
2014-08-14 05:21:34.550 [2014-08-14 05:17:17.000000] out of window: 62
2014-08-14 05:21:34.550 written: HHZ-1173 HH1-1357 HH2-1405 BDH-441 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-14 05:21:34.550 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-14 05:21:34.550 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-14 05:21:34.550 [2014-08-14 05:17:17.000000] Done: 4518 recs. seq end:
11243546. run: 325 s
2014-08-14 17:22:27.330
2014-08-14 17:22:27.330 Quanterra Packet Baler Model 14 Restart. Version 2.28

```

S01\_messages.txt

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2014-08-14 17:22:27.330 Control Port 2491 Opened
2014-08-14 17:22:27.330 Baler ready on Ethernet
2014-08-14 17:22:27.330 Power Cycled Baler Acknowledged
2014-08-14 17:22:27.330 Commands Accepted by Q330
2014-08-14 17:22:27.330 Access timeout: 300 sec
2014-08-14 17:22:27.330 Control Port 4023 Opened
2014-08-14 17:22:27.330 Data Port 4024 Opened
2014-08-14 17:22:27.330 Registered with Q330
2014-08-14 17:22:27.330 Combination Record Received
2014-08-14 17:22:27.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-14 17:22:27.330 Link Reset, starting window sequence: 59777
2014-08-14 17:22:27.330 GPS Receiver ID Received
2014-08-14 17:22:27.330 Manufacturer's Data Received, Property Tag=2017
2014-08-14 17:22:27.330 Digitizer Gain & Offsets Received
2014-08-14 17:22:27.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4518 recs.
seq end: 11243546
2014-08-14 17:22:27.330 Baler clock set to 2014-08-14 17:22:26
2014-08-14 17:22:27.330 Starting to Read DP Tokens
2014-08-14 17:22:27.330 DP Tokens loaded, size=1474 bytes
2014-08-14 17:22:27.330 Webserver advertising 192.168.200.119:5380
2014-08-14 17:22:27.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-14 17:22:27.330 filters & delay HH1:2@100,Linear all=0.320000
2014-08-14 17:22:27.330 filters & delay HH2:3@100,Linear all=0.320000
2014-08-14 17:22:27.330 filters & delay BDH:4@20,Linear all=1.650000
2014-08-14 17:22:27.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-14 17:22:27.330 filters & delay LH1:2@1,Linear all=15.000000
2014-08-14 17:22:27.330 filters & delay LH2:3@1,Linear all=15.000000
2014-08-14 17:22:27.330 filters & delay LDH:4@1,Linear all=15.000000
2014-08-14 17:22:27.330 [2014-08-14 05:17:17.000000] continuity found: 11243546
461308637.000000 Q=100
2014-08-14 17:22:27.330 [2014-08-14 05:17:17.000000] restoring continuity
2014-08-14 17:22:27.330 Sending DT_OPEN
2014-08-14 17:22:27.330 Station: XX-2017
2014-08-14 17:22:27.330 Q330 Serial Number: 0100000DB18FC351
2014-08-14 17:22:27.330 AMB Serial Number: 0100000B6909DD82
2014-08-14 17:22:27.330 Seismo 1 Serial Number: 0000000000000000
2014-08-14 17:22:27.330 Seismo 2 Serial Number: 0000000000000000
2014-08-14 17:22:27.330 QAPCHP 1 Serial Number: 4643206
2014-08-14 17:22:27.330 QAPCHP 2 Serial Number: 3743050
2014-08-14 17:22:27.330 KMI Property Tag Number: 2017
2014-08-14 17:22:27.330 System Software Version: 1.146
2014-08-14 17:22:27.330 Slave Processor Version: 1.11
2014-08-14 17:22:27.330 Calibrator Type: QCAL330
2014-08-14 17:22:27.330 Calibrator Version: 1.8
2014-08-14 17:22:27.330 Auxiliary Board Type: None
2014-08-14 17:22:27.330 Clock Type: Motorola M12
2014-08-14 17:22:27.330 PLD Version: 7.9
2014-08-14 17:22:27.330 Total Hours: 68277.86
2014-08-14 17:22:27.330 Power On Hours: 32908.25
2014-08-14 17:22:27.330 Time of Last Boot: 2014-04-06 02:03:58
2014-08-14 17:22:27.330 Total Number of Boots: 120
2014-08-14 17:22:27.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-14 17:22:27.330 Total Number of Re-Syncs: 213
2014-08-14 17:22:27.330 Status Inputs: 00000000
2014-08-14 17:22:27.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-14 17:22:27.330 Clock Quality: 100%
2014-08-14 17:22:27.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-14 17:22:27.330 Clock Phase: 0 usec. max allowed=50000
2014-08-14 17:22:27.330 Boom positions:
2014-08-14 17:22:27.330 ch1: -2 ch2: 3 ch3: -2 ch4: 20 ch5: 20 ch6: 20
2014-08-14 17:22:27.330 Analog Status
2014-08-14 17:22:27.330 Analog Positive Supply: 5.46V
2014-08-14 17:22:27.330 Input Voltage: 13.20V

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2014-08-14 17:22:27.330 System Temperature: 5C  
 2014-08-14 17:22:27.330 Main Current: 63ma  
 2014-08-14 17:22:27.330 Antenna Current: 0ma  
 2014-08-14 17:22:27.330 GPS Status  
 2014-08-14 17:22:27.330 Time: 17:22:26  
 2014-08-14 17:22:27.330 Date:  
 2014-08-14 17:22:27.330 Fix Type: 1-D  
 2014-08-14 17:22:27.330 Height:  
 2014-08-14 17:22:27.330 Latitude:  
 2014-08-14 17:22:27.330 Longitude:  
 2014-08-14 17:22:27.330 On Time: 0min  
 2014-08-14 17:22:27.330 Sat. Used: 0  
 2014-08-14 17:22:27.330 In View: 0  
 2014-08-14 17:22:27.330 Checksum Errors: 0  
 2014-08-14 17:22:27.330 Last GPS timemark: 2014-08-14 17:22:25  
 2014-08-14 17:22:27.330 PLL Status  
 2014-08-14 17:22:27.330 State: Lock  
 2014-08-14 17:22:27.330 Initial VCO: 2199.615234  
 2014-08-14 17:22:27.330 Time Error: 0.000000  
 2014-08-14 17:22:27.330 RMS VCO: 0.000000  
 2014-08-14 17:22:27.330 Best VCO: 2199.57  
 2014-08-14 17:22:27.330 Seconds Since Track or Lock: 0.0  
 2014-08-14 17:22:27.330 Vco Control: 2200  
 2014-08-14 17:22:27.330 timing mode: external seascan  
 2014-08-14 17:22:27.330 tempco normal  
 2014-08-14 17:22:27.330 PLL update: 10s PLL lock criterion: 5us  
 2014-08-14 17:22:27.330 Pfrac: 150.00  
 2014-08-14 17:22:27.330 VCO slope: -0.0175000  
 2014-08-14 17:22:27.330 VCO intercept: 7.1100001  
 2014-08-14 17:22:27.330 km delta: 600.0000000  
 2014-08-14 17:22:27.330 Logical Port 4 Status  
 2014-08-14 17:22:27.330 Data Packets Sent: 12644024  
 2014-08-14 17:22:27.330 Flood Packets Sent: 0  
 2014-08-14 17:22:27.330 Packets Re-Sent: 19719  
 2014-08-14 17:22:27.330 Sequence Errors: 0  
 2014-08-14 17:22:27.330 Packet Buffer Used: 22607868  
 2014-08-14 17:22:27.330 Physical Port: Ethernet  
 2014-08-14 17:22:27.330 Baler Model: 14 Software Version: 2.28  
 2014-08-14 17:22:27.330 MAC Address: 00:04:FB:00:02:EA  
 2014-08-14 17:22:27.330 Disk Size: 20000669696  
 2014-08-14 17:22:27.330 Percent of 1177 data files in use: 25.5  
 2014-08-14 17:22:27.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-14 17:22:27.330 Channel Sensitivities (uV per count):  
 2014-08-14 17:22:27.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-14 17:22:27.330 Digitizer Calibration Results:  
 2014-08-14 17:22:27.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-14 17:22:27.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-14 17:22:27.330 DMU1 Software Version=10  
 2014-08-14 17:22:27.330 Supply Voltage=12.7  
 2014-08-14 17:22:27.330 Supply Current=0.41  
 2014-08-14 17:22:27.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-14 17:22:27.330 webLink Data Maps Restored  
 2014-08-14 17:22:27.330 [2014-08-14 05:17:17.000000] sequence resumes: 11243546 to  
 11243546  
 2014-08-14 17:22:27.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-14 17:22:26  
 2014-08-14 17:28:05.620 Reducing Status Polling Interval  
 2014-08-14 17:28:05.620 [2014-08-14 17:28:04.999998] total packets received: 52036  
 2014-08-14 17:28:05.620 [2014-08-14 17:28:04.999998] command timeouts: 6  
 2014-08-14 17:28:05.620 [2014-08-14 17:28:04.999998] out of window: 66  
 2014-08-14 17:28:05.620 written: HHZ-1210 HH1-1418 HH2-1393 BDH-443 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-08-14 17:28:05.620 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-26



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VMZ-1 VM1-1
2014-08-14 17:28:05.620 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-14 17:28:05.620 [2014-08-14 17:28:04.999998] Done: 4603 recs. seq end:
11287394. run: 334 s
2014-08-15 05:28:58.350
2014-08-15 05:28:58.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-15 05:28:58.350 Control Port 2491 Opened
2014-08-15 05:28:58.350 Baler ready on Ethernet
2014-08-15 05:28:58.350 Power Cycled Baler Acknowledged
2014-08-15 05:28:58.350 Commands Accepted by Q330
2014-08-15 05:28:58.350 Access timeout: 300 sec
2014-08-15 05:28:58.350 Control Port 4023 Opened
2014-08-15 05:28:58.350 Data Port 4024 Opened
2014-08-15 05:28:58.350 Registered with Q330
2014-08-15 05:28:58.350 Combination Record Received
2014-08-15 05:28:58.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-15 05:28:58.350 Link Reset, starting window sequence: 46175
2014-08-15 05:28:58.350 GPS Receiver ID Received
2014-08-15 05:28:58.350 Manufacturer's Data Received, Property Tag=2017
2014-08-15 05:28:58.350 Digitizer Gain & Offsets Received
2014-08-15 05:28:58.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4603 recs.
seq end: 11287394
2014-08-15 05:28:58.350 Baler clock set to 2014-08-15 05:28:57
2014-08-15 05:28:58.350 Starting to Read DP Tokens
2014-08-15 05:28:58.350 DP Tokens loaded, size=1474 bytes
2014-08-15 05:28:58.350 Webserver advertising 192.168.200.119:5380
2014-08-15 05:28:58.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-15 05:28:58.350 filters & delay HH1:2@100,Linear all=0.320000
2014-08-15 05:28:58.350 filters & delay HH2:3@100,Linear all=0.320000
2014-08-15 05:28:58.350 filters & delay BDH:4@20,Linear all=1.650000
2014-08-15 05:28:58.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-15 05:28:58.350 filters & delay LH1:2@1,Linear all=15.000000
2014-08-15 05:28:58.350 filters & delay LH2:3@1,Linear all=15.000000
2014-08-15 05:28:58.350 filters & delay LDH:4@1,Linear all=15.000000
2014-08-15 05:28:58.350 [2014-08-14 17:28:04.999998] continuity found: 11287394
461352485.000000 Q=100
2014-08-15 05:28:58.350 [2014-08-14 17:28:04.999998] restoring continuity
2014-08-15 05:28:58.350 Station: XX-2017
2014-08-15 05:28:58.350 Q330 Serial Number: 0100000DB18FC351
2014-08-15 05:28:58.350 AMB Serial Number: 0100000B6909DD82
2014-08-15 05:28:58.350 Seismo 1 Serial Number: 0000000000000000
2014-08-15 05:28:58.350 Seismo 2 Serial Number: 0000000000000000
2014-08-15 05:28:58.350 QAPCHP 1 Serial Number: 4643206
2014-08-15 05:28:58.350 QAPCHP 2 Serial Number: 3743050
2014-08-15 05:28:58.350 KMI Property Tag Number: 2017
2014-08-15 05:28:58.350 System Software Version: 1.146
2014-08-15 05:28:58.350 Slave Processor Version: 1.11
2014-08-15 05:28:58.350 Calibrator Type: QCAL330
2014-08-15 05:28:58.350 Calibrator Version: 1.8
2014-08-15 05:28:58.350 Auxiliary Board Type: None
2014-08-15 05:28:58.350 Clock Type: Motorola M12
2014-08-15 05:28:58.350 PLD Version: 7.9
2014-08-15 05:28:58.350 Total Hours: 68289.97
2014-08-15 05:28:58.350 Power On Hours: 32920.35
2014-08-15 05:28:58.350 Time of Last Boot: 2014-04-06 02:03:58
2014-08-15 05:28:58.350 Total Number of Boots: 120
2014-08-15 05:28:58.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-15 05:28:58.350 Total Number of Re-Syncs: 213
2014-08-15 05:28:58.350 Status Inputs: 00000000
2014-08-15 05:28:58.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-15 05:28:58.350 Clock Quality: 100%
2014-08-15 05:28:58.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-15 05:28:58.350 Clock Phase: 0 usec. max allowed=50000

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2014-08-15 05:28:58.350 Boom positions:  
 2014-08-15 05:28:58.350 Ch1: -2 Ch2: -4 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-08-15 05:28:58.350 Analog Status  
 2014-08-15 05:28:58.350 Analog Positive Supply: 5.46V  
 2014-08-15 05:28:58.350 Input Voltage: 13.35V  
 2014-08-15 05:28:58.350 System Temperature: 5C  
 2014-08-15 05:28:58.350 Main Current: 61ma  
 2014-08-15 05:28:58.350 Antenna Current: 0ma  
 2014-08-15 05:28:58.350 GPS Status  
 2014-08-15 05:28:58.350 Time: 05:28:57  
 2014-08-15 05:28:58.350 Date:  
 2014-08-15 05:28:58.350 Fix Type: 1-D  
 2014-08-15 05:28:58.350 Height:  
 2014-08-15 05:28:58.350 Latitude:  
 2014-08-15 05:28:58.350 Longitude:  
 2014-08-15 05:28:58.350 On Time: 0min  
 2014-08-15 05:28:58.350 Sat. Used: 0  
 2014-08-15 05:28:58.350 In View: 0  
 2014-08-15 05:28:58.350 Checksum Errors: 0  
 2014-08-15 05:28:58.350 Last GPS timemark: 2014-08-15 05:28:56  
 2014-08-15 05:28:58.350 PLL Status  
 2014-08-15 05:28:58.350 State: Lock  
 2014-08-15 05:28:58.350 Initial VCO: 2199.612549  
 2014-08-15 05:28:58.350 Time Error: 0.000000  
 2014-08-15 05:28:58.350 RMS VCO: 0.000000  
 2014-08-15 05:28:58.350 Best VCO: 2199.48  
 2014-08-15 05:28:58.350 Seconds Since Track or Lock: 0.0  
 2014-08-15 05:28:58.350 Vco Control: 2200  
 2014-08-15 05:28:58.350 timing mode: external seascan  
 2014-08-15 05:28:58.350 tempco normal  
 2014-08-15 05:28:58.350 PLL update: 10s PLL lock criterion: 5us  
 2014-08-15 05:28:58.350 Pfrac: 150.00  
 2014-08-15 05:28:58.350 VCO slope: -0.0175000  
 2014-08-15 05:28:58.350 VCO intercept: 7.1100001  
 2014-08-15 05:28:58.350 Km delta: 600.0000000  
 2014-08-15 05:28:58.350 Logical Port 4 Status  
 2014-08-15 05:28:58.350 Data Packets Sent: 12695963  
 2014-08-15 05:28:58.350 Flood Packets Sent: 0  
 2014-08-15 05:28:58.350 Packets Re-Sent: 19799  
 2014-08-15 05:28:58.350 Sequence Errors: 0  
 2014-08-15 05:28:58.350 Packet Buffer Used: 22113796  
 2014-08-15 05:28:58.350 Physical Port: Ethernet  
 2014-08-15 05:28:58.350 Baler Model: 14 Software Version: 2.28  
 2014-08-15 05:28:58.350 MAC Address: 00:04:FB:00:02:EA  
 2014-08-15 05:28:58.350 Disk Size: 20000669696  
 2014-08-15 05:28:58.350 Percent of 1177 data files in use: 25.6  
 2014-08-15 05:28:58.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-15 05:28:58.350 Channel Sensitivities (uV per count):  
 2014-08-15 05:28:58.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-15 05:28:58.350 Digitizer Calibration Results:  
 2014-08-15 05:28:58.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-15 05:28:58.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-15 05:28:58.350 DMU1 Software Version=10  
 2014-08-15 05:28:58.350 Supply Voltage=12.7  
 2014-08-15 05:28:58.350 Supply Current=0.41  
 2014-08-15 05:28:58.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-15 05:28:58.350 WebLink Data Maps Restored  
 2014-08-15 05:28:58.350 [2014-08-14 17:28:04.999998] sequence resumes: 11287394 to 11287394  
 2014-08-15 05:28:58.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-15 05:28:57  
 2014-08-15 05:31:53.840 [2014-08-15 00:00:00.000000] Saving Configuration to Backup Memory

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2014-08-15 05:34:25.100 Reducing Status Polling Interval  
2014-08-15 05:34:25.100 [2014-08-15 05:34:24.999998] total packets received: 45207  
2014-08-15 05:34:25.100 [2014-08-15 05:34:24.999998] command timeouts: 6  
2014-08-15 05:34:25.100 [2014-08-15 05:34:24.999998] out of window: 67  
2014-08-15 05:34:25.100 written: HHZ-1172 HH1-1359 HH2-1387 BDH-434 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-08-15 05:34:25.100 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24  
VMZ-2 VM1-2  
2014-08-15 05:34:25.100 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
2014-08-15 05:34:25.100 [2014-08-15 05:34:24.999998] Done: 4497 recs. seq end:  
11330974. run: 322 s  
2014-08-15 17:35:17.330  
2014-08-15 17:35:17.330 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-08-15 17:35:17.330 Control Port 2491 Opened  
2014-08-15 17:35:17.330 Baler ready on Ethernet  
2014-08-15 17:35:17.330 Power Cycled Baler Acknowledged  
2014-08-15 17:35:17.330 Commands Accepted by Q330  
2014-08-15 17:35:17.330 Access timeout: 300 sec  
2014-08-15 17:35:17.330 Control Port 4023 Opened  
2014-08-15 17:35:17.330 Data Port 4024 Opened  
2014-08-15 17:35:17.330 Registered with Q330  
2014-08-15 17:35:17.330 Combination Record Received  
2014-08-15 17:35:17.330 window=4 Min. Timeout=10 Max. Timeout=30  
2014-08-15 17:35:17.330 Link Reset, starting window sequence: 25744  
2014-08-15 17:35:17.330 GPS Receiver ID Received  
2014-08-15 17:35:17.330 Manufacturer's Data Received, Property Tag=2017  
2014-08-15 17:35:17.330 Digitizer Gain & Offsets Received  
2014-08-15 17:35:17.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4497 recs.  
seq end: 11330974  
2014-08-15 17:35:17.330 Baler clock set to 2014-08-15 17:35:16  
2014-08-15 17:35:17.330 Starting to Read DP Tokens  
2014-08-15 17:35:17.330 DP Tokens loaded, size=1474 bytes  
2014-08-15 17:35:17.330 Webserver advertising 192.168.200.119:5380  
2014-08-15 17:35:17.330 filters & delay HHZ:1@100,Linear all=0.320000  
2014-08-15 17:35:17.330 filters & delay HH1:2@100,Linear all=0.320000  
2014-08-15 17:35:17.330 filters & delay HH2:3@100,Linear all=0.320000  
2014-08-15 17:35:17.330 filters & delay BDH:4@20,Linear all=1.650000  
2014-08-15 17:35:17.330 filters & delay LHZ:1@1,Linear all=15.000000  
2014-08-15 17:35:17.330 filters & delay LH1:2@1,Linear all=15.000000  
2014-08-15 17:35:17.330 filters & delay LH2:3@1,Linear all=15.000000  
2014-08-15 17:35:17.330 filters & delay LDH:4@1,Linear all=15.000000  
2014-08-15 17:35:17.330 [2014-08-15 05:34:24.999998] continuity found: 11330974  
461396065.000000 Q=100  
2014-08-15 17:35:17.330 [2014-08-15 05:34:24.999998] restoring continuity  
2014-08-15 17:35:17.330 Sending DT\_OPEN  
2014-08-15 17:35:17.330 Station: XX-2017  
2014-08-15 17:35:17.330 Q330 Serial Number: 0100000DB18FC351  
2014-08-15 17:35:17.330 AMB Serial Number: 0100000B6909DD82  
2014-08-15 17:35:17.330 Seismo 1 Serial Number: 0000000000000000  
2014-08-15 17:35:17.330 Seismo 2 Serial Number: 0000000000000000  
2014-08-15 17:35:17.330 QAPCHP 1 Serial Number: 4643206  
2014-08-15 17:35:17.330 QAPCHP 2 Serial Number: 3743050  
2014-08-15 17:35:17.330 KMI Property Tag Number: 2017  
2014-08-15 17:35:17.330 System Software Version: 1.146  
2014-08-15 17:35:17.330 Slave Processor Version: 1.11  
2014-08-15 17:35:17.330 Calibrator Type: QCAL330  
2014-08-15 17:35:17.330 Calibrator Version: 1.8  
2014-08-15 17:35:17.330 Auxiliary Board Type: None  
2014-08-15 17:35:17.330 Clock Type: Motorola M12  
2014-08-15 17:35:17.330 PLD Version: 7.9  
2014-08-15 17:35:17.330 Total Hours: 68302.07  
2014-08-15 17:35:17.330 Power On Hours: 32932.46  
2014-08-15 17:35:17.330 Time of Last Boot: 2014-04-06 02:03:58

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2014-08-15 17:35:17.330 Total Number of Boots: 120  
 2014-08-15 17:35:17.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-15 17:35:17.330 Total Number of Re-Syncs: 213  
 2014-08-15 17:35:17.330 Status Inputs: 00000000  
 2014-08-15 17:35:17.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-08-15 17:35:17.330 Clock Quality: 100%  
 2014-08-15 17:35:17.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-15 17:35:17.330 Clock Phase: 0 usec. max allowed=50000  
 2014-08-15 17:35:17.330 Boom positions:  
 2014-08-15 17:35:17.330 Ch1: -2 ch2: -11 ch3: 12 ch4: 20 ch5: 20 ch6: 20  
 2014-08-15 17:35:17.330 Analog Status  
 2014-08-15 17:35:17.330 Analog Positive Supply: 5.46V  
 2014-08-15 17:35:17.330 Input Voltage: 13.35V  
 2014-08-15 17:35:17.330 System Temperature: 5C  
 2014-08-15 17:35:17.330 Main Current: 62ma  
 2014-08-15 17:35:17.330 Antenna Current: 0ma  
 2014-08-15 17:35:17.330 GPS Status  
 2014-08-15 17:35:17.330 Time: 17:35:16  
 2014-08-15 17:35:17.330 Date:  
 2014-08-15 17:35:17.330 Fix Type: 1-D  
 2014-08-15 17:35:17.330 Height:  
 2014-08-15 17:35:17.330 Latitude:  
 2014-08-15 17:35:17.330 Longitude:  
 2014-08-15 17:35:17.330 On Time: 0min  
 2014-08-15 17:35:17.330 Sat. Used: 0  
 2014-08-15 17:35:17.330 In View: 0  
 2014-08-15 17:35:17.330 Checksum Errors: 0  
 2014-08-15 17:35:17.330 Last GPS timemark: 2014-08-15 17:35:15  
 2014-08-15 17:35:17.330 PLL Status  
 2014-08-15 17:35:17.330 State: Lock  
 2014-08-15 17:35:17.330 Initial VCO: 2199.535156  
 2014-08-15 17:35:17.330 Time Error: 0.000000  
 2014-08-15 17:35:17.330 RMS VCO: 0.0000000  
 2014-08-15 17:35:17.330 Best VCO: 2199.58  
 2014-08-15 17:35:17.330 Seconds Since Track or Lock: 0.0  
 2014-08-15 17:35:17.330 Vco Control: 2200  
 2014-08-15 17:35:17.330 timing mode: external seascan  
 2014-08-15 17:35:17.330 tempco normal  
 2014-08-15 17:35:17.330 PLL update: 10s PLL lock criterion: 5us  
 2014-08-15 17:35:17.330 Pfrac: 150.00  
 2014-08-15 17:35:17.330 VCO slope: -0.0175000  
 2014-08-15 17:35:17.330 VCO intercept: 7.1100001  
 2014-08-15 17:35:17.330 km delta: 600.0000000  
 2014-08-15 17:35:17.330 Logical Port 4 Status  
 2014-08-15 17:35:17.330 Data Packets Sent: 12741073  
 2014-08-15 17:35:17.330 Flood Packets Sent: 0  
 2014-08-15 17:35:17.330 Packets Re-Sent: 19880  
 2014-08-15 17:35:17.330 Sequence Errors: 0  
 2014-08-15 17:35:17.330 Packet Buffer Used: 20604312  
 2014-08-15 17:35:17.330 Physical Port: Ethernet  
 2014-08-15 17:35:17.330 Baler Model: 14 Software Version: 2.28  
 2014-08-15 17:35:17.330 MAC Address: 00:04:FB:00:02:EA  
 2014-08-15 17:35:17.330 Disk Size: 20000669696  
 2014-08-15 17:35:17.330 Percent of 1177 data files in use: 25.7  
 2014-08-15 17:35:17.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-15 17:35:17.330 Channel Sensitivities (uV per count):  
 2014-08-15 17:35:17.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-15 17:35:17.330 Digitizer Calibration Results:  
 2014-08-15 17:35:17.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-15 17:35:17.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-15 17:35:17.330 DMU1 Software Version=10  
 2014-08-15 17:35:17.330 Supply Voltage=12.8  
 2014-08-15 17:35:17.330 Supply Current=0.41

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2014-08-15 17:35:17.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-15 17:35:17.330 WebLink Data Maps Restored  
 2014-08-15 17:35:17.330 [2014-08-15 05:34:24.999998] sequence resumes: 11330974 to 11330974  
 2014-08-15 17:35:17.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-15 17:35:16  
 2014-08-15 17:40:26.780 [2014-08-15 17:33:56.000000] command timeouts: 6  
 2014-08-15 17:40:26.780 [2014-08-15 17:33:56.000000] out of window: 65  
 2014-08-15 17:40:26.780 written: HHZ-1088 HH1-1213 HH2-1232 BDH-415 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-08-15 17:40:26.780 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-23 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-08-15 17:40:26.780 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-15 17:40:26.780 [2014-08-15 17:33:56.000000] Done: 4085 recs. seq end: 11374145. run: 305 s  
 2014-08-16 05:41:16.330  
 2014-08-16 05:41:16.330 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-16 05:41:16.330 Control Port 2491 Opened  
 2014-08-16 05:41:16.330 Baler ready on Ethernet  
 2014-08-16 05:41:16.330 Power Cycled Baler Acknowledged  
 2014-08-16 05:41:16.330 Commands Accepted by Q330  
 2014-08-16 05:41:16.330 Access timeout: 300 sec  
 2014-08-16 05:41:16.330 Control Port 4023 Opened  
 2014-08-16 05:41:16.330 Data Port 4024 Opened  
 2014-08-16 05:41:16.330 Registered with Q330  
 2014-08-16 05:41:16.330 Combination Record Received  
 2014-08-16 05:41:16.330 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-16 05:41:16.330 Link Reset, starting window sequence: 3394  
 2014-08-16 05:41:16.330 GPS Receiver ID Received  
 2014-08-16 05:41:16.330 Manufacturer's Data Received, Property Tag=2017  
 2014-08-16 05:41:16.330 Digitizer Gain & Offsets Received  
 2014-08-16 05:41:16.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4085 recs. seq end: 11374145  
 2014-08-16 05:41:16.330 Baler clock set to 2014-08-16 05:41:15  
 2014-08-16 05:41:16.330 Starting to Read DP Tokens  
 2014-08-16 05:41:16.330 DP Tokens loaded, size=1474 bytes  
 2014-08-16 05:41:16.330 webserver advertising 192.168.200.119:5380  
 2014-08-16 05:41:16.330 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-16 05:41:16.330 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-16 05:41:16.330 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-16 05:41:16.330 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-16 05:41:16.330 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-16 05:41:16.330 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-16 05:41:16.330 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-16 05:41:16.330 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-16 05:41:16.330 [2014-08-15 17:33:56.000000] continuity found: 11374145  
 461439236.000000 q=100  
 2014-08-16 05:41:16.330 [2014-08-15 17:33:56.000000] restoring continuity  
 2014-08-16 05:41:16.330 Sending DT\_OPEN  
 2014-08-16 05:41:16.330 Station: XX-2017  
 2014-08-16 05:41:16.330 Q330 Serial Number: 0100000DB18FC351  
 2014-08-16 05:41:16.330 AMB Serial Number: 0100000B6909DD82  
 2014-08-16 05:41:16.330 Seismo 1 Serial Number: 0000000000000000  
 2014-08-16 05:41:16.330 Seismo 2 Serial Number: 0000000000000000  
 2014-08-16 05:41:16.330 QAPCHP 1 Serial Number: 4643206  
 2014-08-16 05:41:16.330 QAPCHP 2 Serial Number: 3743050  
 2014-08-16 05:41:16.330 KMI Property Tag Number: 2017  
 2014-08-16 05:41:16.330 System Software Version: 1.146  
 2014-08-16 05:41:16.330 Slave Processor Version: 1.11  
 2014-08-16 05:41:16.330 Calibrator Type: QCAL330  
 2014-08-16 05:41:16.330 Calibrator Version: 1.8  
 2014-08-16 05:41:16.330 Auxiliary Board Type: None  
 2014-08-16 05:41:16.330 Clock Type: Motorola M12

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2014-08-16 05:41:16.330 PLD Version: 7.9  
 2014-08-16 05:41:16.330 Total Hours: 68314.17  
 2014-08-16 05:41:16.330 Power On Hours: 32944.56  
 2014-08-16 05:41:16.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-16 05:41:16.330 Total Number of Boots: 120  
 2014-08-16 05:41:16.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-16 05:41:16.330 Total Number of Re-Syncs: 213  
 2014-08-16 05:41:16.330 Status Inputs: 00000000  
 2014-08-16 05:41:16.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-16 05:41:16.330 Clock Quality: 100%  
 2014-08-16 05:41:16.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-16 05:41:16.330 Clock Phase: 0 usec. max allowed=50000  
 2014-08-16 05:41:16.330 Boom positions:  
 2014-08-16 05:41:16.330 ch1: -2 ch2: -18 ch3: 19 ch4: 20 ch5: 20 ch6: 20  
 2014-08-16 05:41:16.330 Analog Status  
 2014-08-16 05:41:16.330 Analog Positive Supply: 5.46V  
 2014-08-16 05:41:16.330 Input Voltage: 13.20V  
 2014-08-16 05:41:16.330 System Temperature: 5C  
 2014-08-16 05:41:16.330 Main Current: 62ma  
 2014-08-16 05:41:16.330 Antenna Current: 0ma  
 2014-08-16 05:41:16.330 GPS Status  
 2014-08-16 05:41:16.330 Time: 05:41:15  
 2014-08-16 05:41:16.330 Date:  
 2014-08-16 05:41:16.330 Fix Type: 1-D  
 2014-08-16 05:41:16.330 Height:  
 2014-08-16 05:41:16.330 Latitude:  
 2014-08-16 05:41:16.330 Longitude:  
 2014-08-16 05:41:16.330 On Time: 0min  
 2014-08-16 05:41:16.330 Sat. Used: 0  
 2014-08-16 05:41:16.330 In View: 0  
 2014-08-16 05:41:16.330 Checksum Errors: 0  
 2014-08-16 05:41:16.330 Last GPS timemark: 2014-08-16 05:41:14  
 2014-08-16 05:41:16.330 PLL Status  
 2014-08-16 05:41:16.330 State: Lock  
 2014-08-16 05:41:16.330 Initial VCO: 2199.175537  
 2014-08-16 05:41:16.330 Time Error: 0.000000  
 2014-08-16 05:41:16.330 RMS VCO: 0.000000  
 2014-08-16 05:41:16.330 Best VCO: 2199.29  
 2014-08-16 05:41:16.330 Seconds Since Track or Lock: 0.0  
 2014-08-16 05:41:16.330 Vco Control: 2199  
 2014-08-16 05:41:16.330 timing mode: external seascan  
 2014-08-16 05:41:16.330 tempco normal  
 2014-08-16 05:41:16.330 PLL update: 10s PLL lock criterion: 5us  
 2014-08-16 05:41:16.330 Pfrac: 150.00  
 2014-08-16 05:41:16.330 VCO slope: -0.0175000  
 2014-08-16 05:41:16.330 VCO intercept: 7.1100001  
 2014-08-16 05:41:16.330 Km delta: 600.000000  
 2014-08-16 05:41:16.330 Logical Port 4 Status  
 2014-08-16 05:41:16.330 Data Packets Sent: 12784264  
 2014-08-16 05:41:16.330 Flood Packets Sent: 0  
 2014-08-16 05:41:16.330 Packets Re-Sent: 19960  
 2014-08-16 05:41:16.330 Sequence Errors: 0  
 2014-08-16 05:41:16.330 Packet Buffer Used: 22097204  
 2014-08-16 05:41:16.330 Physical Port: Ethernet  
 2014-08-16 05:41:16.330 Baler Model: 14 Software Version: 2.28  
 2014-08-16 05:41:16.330 MAC Address: 00:04:FB:00:02:EA  
 2014-08-16 05:41:16.330 Disk Size: 20000669696  
 2014-08-16 05:41:16.330 Percent of 1177 data files in use: 25.7  
 2014-08-16 05:41:16.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-16 05:41:16.330 Channel Sensitivities (uV per count):  
 2014-08-16 05:41:16.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-16 05:41:16.330 Digitizer Calibration Results:  
 2014-08-16 05:41:16.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%

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2014-08-16 05:41:16.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-16 05:41:16.330 DMU1 Software Version=10
2014-08-16 05:41:16.330 Supply Voltage=12.6
2014-08-16 05:41:16.330 Supply Current=0.41
2014-08-16 05:41:16.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-16 05:41:16.330 WebLink Data Maps Restored
2014-08-16 05:41:16.330 [2014-08-15 17:33:56.000000] sequence resumes: 11374145 to
11374145
2014-08-16 05:41:16.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-16 05:41:15
2014-08-16 05:43:33.310 Reducing Status Polling Interval
2014-08-16 05:43:33.310 [2014-08-16 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-16 05:46:51.480 [2014-08-16 05:45:07.000000] total packets received: 50499
2014-08-16 05:46:51.480 [2014-08-16 05:45:07.000000] command timeouts: 6
2014-08-16 05:46:51.480 [2014-08-16 05:45:07.000000] out of window: 73
2014-08-16 05:46:51.480 written: HHZ-1169 HH1-1362 HH2-1402 BDH-406 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-08-16 05:46:51.480 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-08-16 05:46:51.480 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-16 05:46:51.480 [2014-08-16 05:45:07.000000] Done: 4476 recs. seq end:
11418016. run: 330 s
2014-08-16 17:47:41.360
2014-08-16 17:47:41.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-16 17:47:41.360 Control Port 2491 Opened
2014-08-16 17:47:41.360 Baler ready on Ethernet
2014-08-16 17:47:41.360 Power Cycled Baler Acknowledged
2014-08-16 17:47:41.360 Commands Accepted by Q330
2014-08-16 17:47:41.360 Access timeout: 300 sec
2014-08-16 17:47:41.360 Control Port 4023 Opened
2014-08-16 17:47:41.360 Data Port 4024 Opened
2014-08-16 17:47:41.360 Registered with Q330
2014-08-16 17:47:41.360 Combination Record Received
2014-08-16 17:47:41.360 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-16 17:47:41.360 Link Reset, starting window sequence: 53758
2014-08-16 17:47:41.360 GPS Receiver ID Received
2014-08-16 17:47:41.360 Manufacturer's Data Received, Property Tag=2017
2014-08-16 17:47:41.360 Digitizer Gain & Offsets Received
2014-08-16 17:47:41.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4476 recs.
seq end: 11418016
2014-08-16 17:47:41.360 Baler clock set to 2014-08-16 17:47:40
2014-08-16 17:47:41.360 Starting to Read DP Tokens
2014-08-16 17:47:41.360 DP Tokens loaded, size=1474 bytes
2014-08-16 17:47:41.360 Webserver advertising 192.168.200.119:5380
2014-08-16 17:47:41.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-16 17:47:41.360 filters & delay HH1:2@100,Linear all=0.320000
2014-08-16 17:47:41.360 filters & delay HH2:3@100,Linear all=0.320000
2014-08-16 17:47:41.360 filters & delay BDH:4@20,Linear all=1.650000
2014-08-16 17:47:41.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-16 17:47:41.360 filters & delay LH1:2@1,Linear all=15.000000
2014-08-16 17:47:41.360 filters & delay LH2:3@1,Linear all=15.000000
2014-08-16 17:47:41.360 filters & delay LDH:4@1,Linear all=15.000000
2014-08-16 17:47:41.360 [2014-08-16 05:45:07.000000] continuity found: 11418016
461483107.000000 Q=100
2014-08-16 17:47:41.360 [2014-08-16 05:45:07.000000] restoring continuity
2014-08-16 17:47:41.360 Sending DT_OPEN
2014-08-16 17:47:41.360 Station: XX-2017
2014-08-16 17:47:41.360 Q330 Serial Number: 0100000DB18FC351
2014-08-16 17:47:41.360 AMB Serial Number: 0100000B6909DD82
2014-08-16 17:47:41.360 Seismo 1 Serial Number: 0000000000000000
2014-08-16 17:47:41.360 Seismo 2 Serial Number: 0000000000000000
2014-08-16 17:47:41.360 QAPCHP 1 Serial Number: 4643206

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2014-08-16 17:47:41.360 QAPCHP 2 Serial Number: 3743050  
 2014-08-16 17:47:41.360 KMI Property Tag Number: 2017  
 2014-08-16 17:47:41.360 System Software Version: 1.146  
 2014-08-16 17:47:41.360 Slave Processor Version: 1.11  
 2014-08-16 17:47:41.360 Calibrator Type: QCAL330  
 2014-08-16 17:47:41.360 Calibrator Version: 1.8  
 2014-08-16 17:47:41.360 Auxiliary Board Type: None  
 2014-08-16 17:47:41.360 Clock Type: Motorola M12  
 2014-08-16 17:47:41.360 PLD Version: 7.9  
 2014-08-16 17:47:41.360 Total Hours: 68326.28  
 2014-08-16 17:47:41.360 Power On Hours: 32956.67  
 2014-08-16 17:47:41.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-16 17:47:41.360 Total Number of Boots: 120  
 2014-08-16 17:47:41.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-16 17:47:41.360 Total Number of Re-Syncs: 213  
 2014-08-16 17:47:41.360 Status Inputs: 00000000  
 2014-08-16 17:47:41.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-16 17:47:41.360 Clock Quality: 100%  
 2014-08-16 17:47:41.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-16 17:47:41.360 Clock Phase: 0 usec. max allowed=50000  
 2014-08-16 17:47:41.360 Boom positions:  
 2014-08-16 17:47:41.360 ch1: -2 ch2: -24 ch3: 25 ch4: 20 ch5: 20 ch6: 20  
 2014-08-16 17:47:41.360 Analog Status  
 2014-08-16 17:47:41.360 Analog Positive Supply: 5.46V  
 2014-08-16 17:47:41.360 Input Voltage: 13.35V  
 2014-08-16 17:47:41.360 System Temperature: 5C  
 2014-08-16 17:47:41.360 Main Current: 62ma  
 2014-08-16 17:47:41.360 Antenna Current: 0ma  
 2014-08-16 17:47:41.360 GPS Status  
 2014-08-16 17:47:41.360 Date:  
 2014-08-16 17:47:41.360 Fix Type: 1-D  
 2014-08-16 17:47:41.360 Height:  
 2014-08-16 17:47:41.360 Latitude:  
 2014-08-16 17:47:41.360 Longitude:  
 2014-08-16 17:47:41.360 On Time: 0min  
 2014-08-16 17:47:41.360 Sat. Used: 0  
 2014-08-16 17:47:41.360 In View: 0  
 2014-08-16 17:47:41.360 Checksum Errors: 0  
 2014-08-16 17:47:41.360 Last GPS timemark: 2014-08-16 17:47:38  
 2014-08-16 17:47:41.360 PLL Status  
 2014-08-16 17:47:41.360 State: Lock  
 2014-08-16 17:47:41.360 Initial VCO: 2199.322754  
 2014-08-16 17:47:41.360 Time Error: -0.000001  
 2014-08-16 17:47:41.360 RMS VCO: 0.0000000  
 2014-08-16 17:47:41.360 Best VCO: 2199.41  
 2014-08-16 17:47:41.360 Seconds Since Track or Lock: 0.0  
 2014-08-16 17:47:41.360 Vco Control: 2199  
 2014-08-16 17:47:41.360 timing mode: external seascan  
 2014-08-16 17:47:41.360 tempco normal  
 2014-08-16 17:47:41.360 PLL update: 10s PLL lock criterion: 5us  
 2014-08-16 17:47:41.360 Pfrac: 150.00  
 2014-08-16 17:47:41.360 VCO slope: -0.0175000  
 2014-08-16 17:47:41.360 VCO intercept: 7.1100001  
 2014-08-16 17:47:41.360 Km delta: 600.0000000  
 2014-08-16 17:47:41.360 Logical Port 4 Status  
 2014-08-16 17:47:41.360 Data Packets Sent: 12834633  
 2014-08-16 17:47:41.360 Flood Packets Sent: 0  
 2014-08-16 17:47:41.360 Packets Re-Sent: 20051  
 2014-08-16 17:47:41.360 Sequence Errors: 0  
 2014-08-16 17:47:41.360 Packet Buffer Used: 21630304  
 2014-08-16 17:47:41.360 Physical Port: Ethernet  
 2014-08-16 17:47:41.360 Baler Model: 14 Software Version: 2.28  
 2014-08-16 17:47:41.360 MAC Address: 00:04:FB:00:02:EA



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2014-08-16 17:47:41.360 Disk Size: 20000669696
2014-08-16 17:47:41.360 Percent of 1177 data files in use: 25.9
2014-08-16 17:47:41.360 Channels Enabled: 1234 Preamps ON channels:
2014-08-16 17:47:41.360 Channel Sensitivities (uV per count):
2014-08-16 17:47:41.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-16 17:47:41.360 Digitizer Calibration Results:
2014-08-16 17:47:41.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-16 17:47:41.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-16 17:47:41.360 DMU1 Software Version=10
2014-08-16 17:47:41.360 Supply Voltage=12.7
2014-08-16 17:47:41.360 Supply Current=0.41
2014-08-16 17:47:41.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-16 17:47:41.360 WebLink Data Maps Restored
2014-08-16 17:47:41.360 [2014-08-16 05:45:07.000000] sequence resumes: 11418016 to
11418016
2014-08-16 17:47:41.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-16 17:47:40
2014-08-16 17:48:58.250 Reducing Status Polling Interval
2014-08-16 17:52:55.970 [2014-08-16 17:42:33.000000] total packets received: 45198
2014-08-16 17:52:55.970 [2014-08-16 17:42:33.000000] command timeouts: 6
2014-08-16 17:52:55.970 [2014-08-16 17:42:33.000000] out of window: 54
2014-08-16 17:52:55.970 written: HHZ-1114 HH1-1373 HH2-1317 BDH-389 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-16 17:52:55.970 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-24 LH2-23 LDH-24
VMZ-2 VM1-2
2014-08-16 17:52:55.970 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1
2014-08-16 17:52:55.970 [2014-08-16 17:42:33.000000] Done: 4329 recs. seq end:
11461062. run: 311 s
2014-08-17 05:53:50.350
2014-08-17 05:53:50.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-17 05:53:50.350 Control Port 2491 Opened
2014-08-17 05:53:50.350 Baler ready on Ethernet
2014-08-17 05:53:50.350 Power Cycled Baler Acknowledged
2014-08-17 05:53:50.350 Commands Accepted by Q330
2014-08-17 05:53:50.350 Access timeout: 300 sec
2014-08-17 05:53:50.350 Control Port 4023 Opened
2014-08-17 05:53:50.350 Data Port 4024 Opened
2014-08-17 05:53:50.350 Registered with Q330
2014-08-17 05:53:50.350 Combination Record Received
2014-08-17 05:53:50.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-17 05:53:50.350 Link Reset, starting window sequence: 33297
2014-08-17 05:53:50.350 GPS Receiver ID Received
2014-08-17 05:53:50.350 Manufacturer's Data Received, Property Tag=2017
2014-08-17 05:53:50.350 Digitizer Gain & Offsets Received
2014-08-17 05:53:50.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4329 recs.
seq end: 11461062
2014-08-17 05:53:50.350 Baler clock set to 2014-08-17 05:53:49
2014-08-17 05:53:50.350 Starting to Read DP Tokens
2014-08-17 05:53:50.350 DP Tokens loaded, size=1474 bytes
2014-08-17 05:53:50.350 Webserver advertising 192.168.200.119:5380
2014-08-17 05:53:50.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-17 05:53:50.350 filters & delay HH1:2@100,Linear all=0.320000
2014-08-17 05:53:50.350 filters & delay HH2:3@100,Linear all=0.320000
2014-08-17 05:53:50.350 filters & delay BDH:4@20,Linear all=1.650000
2014-08-17 05:53:50.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-17 05:53:50.350 filters & delay LH1:2@1,Linear all=15.000000
2014-08-17 05:53:50.350 filters & delay LH2:3@1,Linear all=15.000000
2014-08-17 05:53:50.350 filters & delay LDH:4@1,Linear all=15.000000
2014-08-17 05:53:50.350 [2014-08-16 17:42:33.000000] continuity found: 11461062
461526153.000000 Q=100
2014-08-17 05:53:50.350 [2014-08-16 17:42:33.000000] restoring continuity
2014-08-17 05:53:50.350 Sending DT_OPEN
2014-08-17 05:53:50.350 Station: XX-2017

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2014-08-17 05:53:50.350 Q330 Serial Number: 0100000DB18FC351  
 2014-08-17 05:53:50.350 AMB Serial Number: 0100000B6909DD82  
 2014-08-17 05:53:50.350 Seismo 1 Serial Number: 0000000000000000  
 2014-08-17 05:53:50.350 Seismo 2 Serial Number: 0000000000000000  
 2014-08-17 05:53:50.350 QAPCHP 1 Serial Number: 4643206  
 2014-08-17 05:53:50.350 QAPCHP 2 Serial Number: 3743050  
 2014-08-17 05:53:50.350 KMI Property Tag Number: 2017  
 2014-08-17 05:53:50.350 System Software Version: 1.146  
 2014-08-17 05:53:50.350 Slave Processor Version: 1.11  
 2014-08-17 05:53:50.350 Calibrator Type: QCAL330  
 2014-08-17 05:53:50.350 Calibrator Version: 1.8  
 2014-08-17 05:53:50.350 Auxiliary Board Type: None  
 2014-08-17 05:53:50.350 Clock Type: Motorola M12  
 2014-08-17 05:53:50.350 PLD Version: 7.9  
 2014-08-17 05:53:50.350 Total Hours: 68338.38  
 2014-08-17 05:53:50.350 Power On Hours: 32968.77  
 2014-08-17 05:53:50.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-17 05:53:50.350 Total Number of Boots: 120  
 2014-08-17 05:53:50.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-17 05:53:50.350 Total Number of Re-Syncs: 213  
 2014-08-17 05:53:50.350 Status Inputs: 00000000  
 2014-08-17 05:53:50.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-08-17 05:53:50.350 Clock Quality: 100%  
 2014-08-17 05:53:50.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-17 05:53:50.350 Clock Phase: 0 usec. max allowed=50000  
 2014-08-17 05:53:50.350 Boom positions:  
 2014-08-17 05:53:50.350 ch1: -2 ch2: 0 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-08-17 05:53:50.350 Analog Status  
 2014-08-17 05:53:50.350 Analog Positive Supply: 5.46V  
 2014-08-17 05:53:50.350 Input Voltage: 13.35V  
 2014-08-17 05:53:50.350 System Temperature: 5C  
 2014-08-17 05:53:50.350 Main Current: 62ma  
 2014-08-17 05:53:50.350 Antenna Current: 0ma  
 2014-08-17 05:53:50.350 GPS Status  
 2014-08-17 05:53:50.350 Time: 05:53:49  
 2014-08-17 05:53:50.350 Date:  
 2014-08-17 05:53:50.350 Fix Type: 1-D  
 2014-08-17 05:53:50.350 Height:  
 2014-08-17 05:53:50.350 Latitude:  
 2014-08-17 05:53:50.350 Longitude:  
 2014-08-17 05:53:50.350 On Time: 0min  
 2014-08-17 05:53:50.350 Sat. Used: 0  
 2014-08-17 05:53:50.350 In View: 0  
 2014-08-17 05:53:50.350 Checksum Errors: 0  
 2014-08-17 05:53:50.350 Last GPS timemark: 2014-08-17 05:53:48  
 2014-08-17 05:53:50.350 PLL Status  
 2014-08-17 05:53:50.350 State: Lock  
 2014-08-17 05:53:50.350 Initial VCO: 2199.671143  
 2014-08-17 05:53:50.350 Time Error: 0.000000  
 2014-08-17 05:53:50.350 RMS VCO: 0.000000  
 2014-08-17 05:53:50.350 Best VCO: 2199.59  
 2014-08-17 05:53:50.350 Seconds Since Track or Lock: 0.0  
 2014-08-17 05:53:50.350 Vco Control: 2200  
 2014-08-17 05:53:50.350 timing mode: external seascan  
 2014-08-17 05:53:50.350 tempco normal  
 2014-08-17 05:53:50.350 PLL update: 10s PLL lock criterion: 5us  
 2014-08-17 05:53:50.350 Pfrac: 150.00  
 2014-08-17 05:53:50.350 VCO slope: -0.0175000  
 2014-08-17 05:53:50.350 VCO intercept: 7.1100001  
 2014-08-17 05:53:50.350 km delta: 600.0000000  
 2014-08-17 05:53:50.350 Logical Port 4 Status  
 2014-08-17 05:53:50.350 Data Packets Sent: 12879713  
 2014-08-17 05:53:50.350 Flood Packets Sent: 0

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2014-08-17 05:53:50.350 Packets Re-Sent: 20127  
 2014-08-17 05:53:50.350 Sequence Errors: 0  
 2014-08-17 05:53:50.350 Packet Buffer Used: 20918464  
 2014-08-17 05:53:50.350 Physical Port: Ethernet  
 2014-08-17 05:53:50.350 Baler Model: 14 Software Version: 2.28  
 2014-08-17 05:53:50.350 MAC Address: 00:04:FB:00:02:EA  
 2014-08-17 05:53:50.350 Disk Size: 20000669696  
 2014-08-17 05:53:50.350 Percent of 1177 data files in use: 26.0  
 2014-08-17 05:53:50.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-17 05:53:50.350 Channel Sensitivities (uV per count):  
 2014-08-17 05:53:50.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-17 05:53:50.350 Digitizer Calibration Results:  
 2014-08-17 05:53:50.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-17 05:53:50.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-17 05:53:50.350 DMU1 Software Version=10  
 2014-08-17 05:53:50.350 Supply Voltage=12.6  
 2014-08-17 05:53:50.350 Supply Current=0.41  
 2014-08-17 05:53:50.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-17 05:53:50.350 webLink Data Maps Restored  
 2014-08-17 05:53:50.350 [2014-08-16 17:42:33.000000] sequence resumes: 11461062 to 11461062  
 2014-08-17 05:53:50.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-08-17 05:53:49  
 2014-08-17 05:56:26.000 [2014-08-17 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-08-17 05:59:04.410 [2014-08-17 05:56:55.000000] total packets received: 44247  
 2014-08-17 05:59:04.410 [2014-08-17 05:56:55.000000] command timeouts: 6  
 2014-08-17 05:59:04.410 [2014-08-17 05:56:55.000000] out of window: 58  
 2014-08-17 05:59:04.410 written: HHZ-1109 HH1-1246 HH2-1295 BDH-400 VEP-2 VEC-2 VEA-2 VKI-2 VCO-2  
 2014-08-17 05:59:04.410 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-23 LH2-24 LDH-24 VMZ-2 VM1-2  
 2014-08-17 05:59:04.410 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-08-17 05:59:04.410 [2014-08-17 05:56:55.000000] Done: 4191 recs. seq end: 11505124. run: 310 s  
 2014-08-17 17:59:58.350  
 2014-08-17 17:59:58.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-17 17:59:58.350 Control Port 2491 Opened  
 2014-08-17 17:59:58.350 Baler ready on Ethernet  
 2014-08-17 17:59:58.350 Power Cycled Baler Acknowledged  
 2014-08-17 17:59:58.350 Commands Accepted by Q330  
 2014-08-17 17:59:58.350 Access timeout: 300 sec  
 2014-08-17 17:59:58.350 Control Port 4023 Opened  
 2014-08-17 17:59:58.350 Data Port 4024 Opened  
 2014-08-17 17:59:58.350 Registered with Q330  
 2014-08-17 17:59:58.350 Combination Record Received  
 2014-08-17 17:59:58.350 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-17 17:59:58.350 Link Reset, starting window sequence: 11916  
 2014-08-17 17:59:58.350 GPS Receiver ID Received  
 2014-08-17 17:59:58.350 Manufacturer's Data Received, Property Tag=2017  
 2014-08-17 17:59:58.350 Digitizer Gain & Offsets Received  
 2014-08-17 17:59:58.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4191 recs. seq end: 11505124  
 2014-08-17 17:59:58.350 Baler clock set to 2014-08-17 17:59:57  
 2014-08-17 17:59:58.350 Starting to Read DP Tokens  
 2014-08-17 17:59:58.350 DP Tokens loaded, size=1474 bytes  
 2014-08-17 17:59:58.350 webserver advertising 192.168.200.119:5380  
 2014-08-17 17:59:58.350 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-17 17:59:58.350 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-17 17:59:58.350 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-17 17:59:58.350 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-17 17:59:58.350 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-17 17:59:58.350 filters & delay LH2:3@1,Linear all=15.000000

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2014-08-17 17:59:58.350 filters & delay LDH:4@1,Linear all=15.000000
2014-08-17 17:59:58.350 [2014-08-17 05:56:55.000000] continuity found: 11505124
461570215.000000 q=100
2014-08-17 17:59:58.350 [2014-08-17 05:56:55.000000] restoring continuity
2014-08-17 17:59:58.350 Sending DT_OPEN
2014-08-17 17:59:58.350 Station: XX-2017
2014-08-17 17:59:58.350 Q330 Serial Number: 0100000DB18FC351
2014-08-17 17:59:58.350 AMB Serial Number: 0100000B6909DD82
2014-08-17 17:59:58.350 Seismo 1 Serial Number: 0000000000000000
2014-08-17 17:59:58.350 Seismo 2 Serial Number: 0000000000000000
2014-08-17 17:59:58.350 QAPCHP 1 Serial Number: 4643206
2014-08-17 17:59:58.350 QAPCHP 2 Serial Number: 3743050
2014-08-17 17:59:58.350 KMI Property Tag Number: 2017
2014-08-17 17:59:58.350 System Software Version: 1.146
2014-08-17 17:59:58.350 Slave Processor Version: 1.11
2014-08-17 17:59:58.350 Calibrator Type: QCAL330
2014-08-17 17:59:58.350 Calibrator Version: 1.8
2014-08-17 17:59:58.350 Auxiliary Board Type: None
2014-08-17 17:59:58.350 Clock Type: Motorola M12
2014-08-17 17:59:58.350 PLD Version: 7.9
2014-08-17 17:59:58.350 Total Hours: 68350.49
2014-08-17 17:59:58.350 Power On Hours: 32980.87
2014-08-17 17:59:58.350 Time of Last Boot: 2014-04-06 02:03:58
2014-08-17 17:59:58.350 Total Number of Boots: 120
2014-08-17 17:59:58.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-17 17:59:58.350 Total Number of Re-Syncs: 213
2014-08-17 17:59:58.350 Status Inputs: 00000000
2014-08-17 17:59:58.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-17 17:59:58.350 Clock Quality: 100%
2014-08-17 17:59:58.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-17 17:59:58.350 Clock Phase: 0 usec. max allowed=50000
2014-08-17 17:59:58.350 Boom positions:
2014-08-17 17:59:58.350 ch1: -2 ch2: -7 ch3: 11 ch4: 20 ch5: 20 ch6: 20
2014-08-17 17:59:58.350 Analog Status
2014-08-17 17:59:58.350 Analog Positive Supply: 5.46v
2014-08-17 17:59:58.350 Input Voltage: 13.20V
2014-08-17 17:59:58.350 System Temperature: 5C
2014-08-17 17:59:58.350 Main Current: 63ma
2014-08-17 17:59:58.350 Antenna Current: 0ma
2014-08-17 17:59:58.350 GPS Status
2014-08-17 17:59:58.350 Time: 17:59:57
2014-08-17 17:59:58.350 Date:
2014-08-17 17:59:58.350 Fix Type: 1-D
2014-08-17 17:59:58.350 Height:
2014-08-17 17:59:58.350 Latitude:
2014-08-17 17:59:58.350 Longitude:
2014-08-17 17:59:58.350 On Time: 0min
2014-08-17 17:59:58.350 Sat. Used: 0
2014-08-17 17:59:58.350 In View: 0
2014-08-17 17:59:58.350 Checksum Errors: 0
2014-08-17 17:59:58.350 Last GPS timemark: 2014-08-17 17:59:56
2014-08-17 17:59:58.350 PLL Status
2014-08-17 17:59:58.350 State: Lock
2014-08-17 17:59:58.350 Initial VCO: 2199.999756
2014-08-17 17:59:58.350 Time Error: 0.000000
2014-08-17 17:59:58.350 RMS VCO: 0.0000000
2014-08-17 17:59:58.350 Best VCO: 2200.00
2014-08-17 17:59:58.350 Seconds Since Track or Lock: 0.0
2014-08-17 17:59:58.350 Vco Control: 2200
2014-08-17 17:59:58.350 timing mode: external seascan
2014-08-17 17:59:58.350 tempco normal
2014-08-17 17:59:58.350 PLL update: 10s PLL lock criterion: 5us
2014-08-17 17:59:58.350 Pfrac: 150.00

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2014-08-17 17:59:58.350 VCO slope: -0.0175000  
 2014-08-17 17:59:58.350 VCO intercept: 7.1100001  
 2014-08-17 17:59:58.350 Km delta: 600.0000000  
 2014-08-17 17:59:58.350 Logical Port 4 Status  
 2014-08-17 17:59:58.350 Data Packets Sent: 12923873  
 2014-08-17 17:59:58.350 Flood Packets Sent: 0  
 2014-08-17 17:59:58.350 Packets Re-Sent: 20196  
 2014-08-17 17:59:58.350 Sequence Errors: 0  
 2014-08-17 17:59:58.350 Packet Buffer Used: 21514692  
 2014-08-17 17:59:58.350 Physical Port: Ethernet  
 2014-08-17 17:59:58.350 Baler Model: 14 Software Version: 2.28  
 2014-08-17 17:59:58.350 MAC Address: 00:04:FB:00:02:EA  
 2014-08-17 17:59:58.350 Disk Size: 20000669696  
 2014-08-17 17:59:58.350 Percent of 1177 data files in use: 26.1  
 2014-08-17 17:59:58.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-17 17:59:58.350 Channel sensitivities (uV per count):  
 2014-08-17 17:59:58.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-17 17:59:58.350 Digitizer Calibration Results:  
 2014-08-17 17:59:58.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-17 17:59:58.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-17 17:59:58.350 DMU1 Software Version=10  
 2014-08-17 17:59:58.350 Supply Voltage=12.7  
 2014-08-17 17:59:58.350 Supply Current=0.41  
 2014-08-17 17:59:58.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-17 17:59:58.350 WebLink Data Maps Restored  
 2014-08-17 17:59:58.350 [2014-08-17 05:56:55.000000] sequence resumes: 11505124 to 11505124  
 2014-08-17 17:59:58.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-08-17 17:59:57  
 2014-08-17 18:05:16.970 Reducing Status Polling Interval  
 2014-08-17 18:05:16.970 [2014-08-17 18:05:16.000000] total packets received: 44612  
 2014-08-17 18:05:16.970 [2014-08-17 18:05:16.000000] command timeouts: 6  
 2014-08-17 18:05:16.970 [2014-08-17 18:05:16.000000] out of window: 57  
 2014-08-17 18:05:16.970 written: HHZ-1149 HH1-1289 HH2-1360 BDH-411 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-08-17 18:05:16.970 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-19 LH1-23 LH2-23 LDH-24  
 VMZ-1 VM1-1  
 2014-08-17 18:05:16.970 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-17 18:05:16.970 [2014-08-17 18:05:16.000000] Done: 4337 recs. seq end: 11548825. run: 314 s  
 2014-08-18 06:06:09.310  
 2014-08-18 06:06:09.310 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-18 06:06:09.310 Control Port 2491 Opened  
 2014-08-18 06:06:09.310 Baler ready on Ethernet  
 2014-08-18 06:06:09.310 Power Cycled Baler Acknowledged  
 2014-08-18 06:06:09.310 Commands Accepted by Q330  
 2014-08-18 06:06:09.310 Access timeout: 300 sec  
 2014-08-18 06:06:09.310 Control Port 4023 Opened  
 2014-08-18 06:06:09.310 Data Port 4024 Opened  
 2014-08-18 06:06:09.310 Registered with Q330  
 2014-08-18 06:06:09.310 Combination Record Received  
 2014-08-18 06:06:09.310 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-18 06:06:09.310 Link Reset, starting window sequence: 56436  
 2014-08-18 06:06:09.310 GPS Receiver ID Received  
 2014-08-18 06:06:09.310 Manufacturer's Data Received, Property Tag=2017  
 2014-08-18 06:06:09.310 Digitizer Gain & Offsets Received  
 2014-08-18 06:06:09.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4337 recs. seq end: 11548825  
 2014-08-18 06:06:09.310 Baler clock set to 2014-08-18 06:06:08  
 2014-08-18 06:06:09.310 Starting to Read DP Tokens  
 2014-08-18 06:06:09.310 DP Tokens loaded, size=1474 bytes  
 2014-08-18 06:06:09.310 Webserver advertising 192.168.200.119:5380  
 2014-08-18 06:06:09.310 filters & delay HHZ:1@100,Linear all=0.320000

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2014-08-18 06:06:09.310 filters & delay HH1:2@100,Linear all=0.320000
2014-08-18 06:06:09.310 filters & delay HH2:3@100,Linear all=0.320000
2014-08-18 06:06:09.310 filters & delay BDH:4@20,Linear all=1.650000
2014-08-18 06:06:09.310 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-18 06:06:09.310 filters & delay LH1:2@1,Linear all=15.000000
2014-08-18 06:06:09.310 filters & delay LH2:3@1,Linear all=15.000000
2014-08-18 06:06:09.310 filters & delay LDH:4@1,Linear all=15.000000
2014-08-18 06:06:09.310 [2014-08-17 18:05:16.000000] continuity found: 11548825
461613916.000000 Q=100
2014-08-18 06:06:09.310 [2014-08-17 18:05:16.000000] restoring continuity
2014-08-18 06:06:09.310 Sending DT_OPEN
2014-08-18 06:06:09.310 Station: XX-2017
2014-08-18 06:06:09.310 Q330 Serial Number: 0100000DB18FC351
2014-08-18 06:06:09.310 AMB Serial Number: 0100000B6909DD82
2014-08-18 06:06:09.310 Seismo 1 Serial Number: 0000000000000000
2014-08-18 06:06:09.310 Seismo 2 Serial Number: 0000000000000000
2014-08-18 06:06:09.310 QAPCHP 1 Serial Number: 4643206
2014-08-18 06:06:09.310 QAPCHP 2 Serial Number: 3743050
2014-08-18 06:06:09.310 KMI Property Tag Number: 2017
2014-08-18 06:06:09.310 System Software Version: 1.146
2014-08-18 06:06:09.310 Slave Processor Version: 1.11
2014-08-18 06:06:09.310 Calibrator Type: QCAL330
2014-08-18 06:06:09.310 Calibrator Version: 1.8
2014-08-18 06:06:09.310 Auxiliary Board Type: None
2014-08-18 06:06:09.310 Clock Type: Motorola M12
2014-08-18 06:06:09.310 PLD Version: 7.9
2014-08-18 06:06:09.310 Total Hours: 68362.59
2014-08-18 06:06:09.310 Power On Hours: 32992.98
2014-08-18 06:06:09.310 Time of Last Boot: 2014-04-06 02:03:58
2014-08-18 06:06:09.310 Total Number of Boots: 120
2014-08-18 06:06:09.310 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-18 06:06:09.310 Total Number of Re-Syncs: 213
2014-08-18 06:06:09.310 Status Inputs: 00000000
2014-08-18 06:06:09.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-18 06:06:09.310 Clock Quality: 100%
2014-08-18 06:06:09.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-18 06:06:09.310 Clock Phase: 0 usec. max allowed=50000
2014-08-18 06:06:09.310 Boom positions:
2014-08-18 06:06:09.310 Ch1: -2 ch2: -12 ch3: 16 ch4: 20 ch5: 20 ch6: 20
2014-08-18 06:06:09.310 Analog Status
2014-08-18 06:06:09.310 Analog Positive Supply: 5.46V
2014-08-18 06:06:09.310 Input Voltage: 13.35V
2014-08-18 06:06:09.310 System Temperature: 5C
2014-08-18 06:06:09.310 Main Current: 61ma
2014-08-18 06:06:09.310 Antenna Current: 0ma
2014-08-18 06:06:09.310 GPS Status
2014-08-18 06:06:09.310 Time: 06:06:08
2014-08-18 06:06:09.310 Date:
2014-08-18 06:06:09.310 Fix Type: 1-D
2014-08-18 06:06:09.310 Height:
2014-08-18 06:06:09.310 Latitude:
2014-08-18 06:06:09.310 Longitude:
2014-08-18 06:06:09.310 On Time: 0min
2014-08-18 06:06:09.310 Sat. Used: 0
2014-08-18 06:06:09.310 In View: 0
2014-08-18 06:06:09.310 Checksum Errors: 0
2014-08-18 06:06:09.310 Last GPS timemark: 2014-08-18 06:06:07
2014-08-18 06:06:09.310 PLL Status
2014-08-18 06:06:09.310 State: Lock
2014-08-18 06:06:09.310 Initial VCO: 2200.000000
2014-08-18 06:06:09.310 Time Error: 0.000000
2014-08-18 06:06:09.310 RMS VCO: 0.0000000
2014-08-18 06:06:09.310 Best VCO: 2200.00

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2014-08-18 06:06:09.310 Seconds Since Track or Lock: 0.0
2014-08-18 06:06:09.310 Vco Control: 2200
2014-08-18 06:06:09.310 timing mode: external seascan
2014-08-18 06:06:09.310 tempco normal
2014-08-18 06:06:09.310 PLL update: 10s PLL lock criterion: 5us
2014-08-18 06:06:09.310 Pfrac: 150.00
2014-08-18 06:06:09.310 VCO slope: -0.0175000
2014-08-18 06:06:09.310 VCO intercept: 7.1100001
2014-08-18 06:06:09.310 km delta: 600.0000000
2014-08-18 06:06:09.310 Logical Port 4 Status
2014-08-18 06:06:09.310 Data Packets Sent: 12968398
2014-08-18 06:06:09.310 Flood Packets Sent: 0
2014-08-18 06:06:09.310 Packets Re-Sent: 20267
2014-08-18 06:06:09.310 Sequence Errors: 0
2014-08-18 06:06:09.310 Packet Buffer Used: 20795016
2014-08-18 06:06:09.310 Physical Port: Ethernet
2014-08-18 06:06:09.310 Baler Model: 14 Software Version: 2.28
2014-08-18 06:06:09.310 MAC Address: 00:04:FB:00:02:EA
2014-08-18 06:06:09.310 Disk Size: 20000669696
2014-08-18 06:06:09.310 Percent of 1177 data files in use: 26.1
2014-08-18 06:06:09.310 Channels Enabled: 1234 Preamps ON channels:
2014-08-18 06:06:09.310 Channel Sensitivities (uV per count):
2014-08-18 06:06:09.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-18 06:06:09.310 Digitizer Calibration Results:
2014-08-18 06:06:09.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-18 06:06:09.310 DMU1 Software Version=10
2014-08-18 06:06:09.310 Supply Voltage=12.7
2014-08-18 06:06:09.310 Supply Current=0.41
2014-08-18 06:06:09.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-18 06:06:09.310 WebLink Data Maps Restored
2014-08-18 06:06:09.310 [2014-08-17 18:05:16.000000] sequence resumes: 11548825 to
11548825
2014-08-18 06:06:09.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-18 06:06:08
2014-08-18 06:08:43.160 [2014-08-18 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-18 06:11:17.940 [2014-08-18 06:06:37.000000] total packets received: 43499
2014-08-18 06:11:17.940 [2014-08-18 06:06:37.000000] command timeouts: 6
2014-08-18 06:11:17.940 [2014-08-18 06:06:37.000000] out of window: 59
2014-08-18 06:11:17.940 written: HHZ-1093 HH1-1234 HH2-1282 BDH-403 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-18 06:11:17.940 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-19 LH1-22 LH2-22 LDH-24
VMZ-2 VM1-2
2014-08-18 06:11:17.940 written: VM2-2 LOG-3 ACE-2 OCF-2
2014-08-18 06:11:17.940 [2014-08-18 06:06:37.000000] Done: 4144 recs. seq end:
11592106. run: 305 s
2014-08-18 18:12:14.350
2014-08-18 18:12:14.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-18 18:12:14.350 Control Port 2491 Opened
2014-08-18 18:12:14.350 Baler ready on Ethernet
2014-08-18 18:12:14.350 Power Cycled Baler Acknowledged
2014-08-18 18:12:14.350 Commands Accepted by Q330
2014-08-18 18:12:14.350 Access timeout: 300 sec
2014-08-18 18:12:14.350 Control Port 4023 Opened
2014-08-18 18:12:14.350 Data Port 4024 Opened
2014-08-18 18:12:14.350 Registered with Q330
2014-08-18 18:12:14.350 Combination Record Received
2014-08-18 18:12:14.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-18 18:12:14.350 Link Reset, starting window sequence: 34306
2014-08-18 18:12:14.350 GPS Receiver ID Received
2014-08-18 18:12:14.350 Manufacturer's Data Received, Property Tag=2017
2014-08-18 18:12:14.350 Digitizer Gain & Offsets Received
2014-08-18 18:12:14.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4144 recs.

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seq end: 11592106

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2014-08-18 18:12:14.350 Baler clock set to 2014-08-18 18:12:13
2014-08-18 18:12:14.350 Starting to Read DP Tokens
2014-08-18 18:12:14.350 DP Tokens loaded, size=1474 bytes
2014-08-18 18:12:14.350 webserver advertising 192.168.200.119:5380
2014-08-18 18:12:14.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-18 18:12:14.350 filters & delay HH1:2@100,Linear all=0.320000
2014-08-18 18:12:14.350 filters & delay HH2:3@100,Linear all=0.320000
2014-08-18 18:12:14.350 filters & delay BDH:4@20,Linear all=1.650000
2014-08-18 18:12:14.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-18 18:12:14.350 filters & delay LH1:2@1,Linear all=15.000000
2014-08-18 18:12:14.350 filters & delay LH2:3@1,Linear all=15.000000
2014-08-18 18:12:14.350 filters & delay LDH:4@1,Linear all=15.000000
2014-08-18 18:12:14.350 [2014-08-18 06:06:37.000000] continuity found: 11592106
461657197.000000 Q=100
2014-08-18 18:12:14.350 [2014-08-18 06:06:37.000000] restoring continuity
2014-08-18 18:12:14.350 Sending DT_OPEN
2014-08-18 18:12:14.350 Station: XX-2017
2014-08-18 18:12:14.350 Q330 Serial Number: 0100000DB18FC351
2014-08-18 18:12:14.350 AMB Serial Number: 0100000B6909DD82
2014-08-18 18:12:14.350 Seismo 1 Serial Number: 0000000000000000
2014-08-18 18:12:14.350 Seismo 2 Serial Number: 0000000000000000
2014-08-18 18:12:14.350 QAPCHP 1 Serial Number: 4643206
2014-08-18 18:12:14.350 QAPCHP 2 Serial Number: 3743050
2014-08-18 18:12:14.350 KMI Property Tag Number: 2017
2014-08-18 18:12:14.350 System Software Version: 1.146
2014-08-18 18:12:14.350 Slave Processor Version: 1.11
2014-08-18 18:12:14.350 Calibrator Type: QCAL330
2014-08-18 18:12:14.350 Calibrator Version: 1.8
2014-08-18 18:12:14.350 Auxiliary Board Type: None
2014-08-18 18:12:14.350 Clock Type: Motorola M12
2014-08-18 18:12:14.350 PLD Version: 7.9
2014-08-18 18:12:14.350 Total Hours: 68374.69
2014-08-18 18:12:14.350 Power On Hours: 33005.08
2014-08-18 18:12:14.350 Time of Last Boot: 2014-04-06 02:03:58
2014-08-18 18:12:14.350 Total Number of Boots: 120
2014-08-18 18:12:14.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-18 18:12:14.350 Total Number of Re-Syncs: 213
2014-08-18 18:12:14.350 Status Inputs: 00000000
2014-08-18 18:12:14.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-18 18:12:14.350 Clock Quality: 100%
2014-08-18 18:12:14.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-18 18:12:14.350 Clock Phase: 0 usec. max allowed=50000
2014-08-18 18:12:14.350 Boom positions:
2014-08-18 18:12:14.350 Ch1: -2 Ch2: -19 Ch3: 21 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-18 18:12:14.350 Analog Status
2014-08-18 18:12:14.350 Analog Positive Supply: 5.46V
2014-08-18 18:12:14.350 Input Voltage: 13.20V
2014-08-18 18:12:14.350 System Temperature: 5C
2014-08-18 18:12:14.350 Main Current: 61ma
2014-08-18 18:12:14.350 Antenna Current: 0ma
2014-08-18 18:12:14.350 GPS Status
2014-08-18 18:12:14.350 Time: 18:12:12
2014-08-18 18:12:14.350 Date:
2014-08-18 18:12:14.350 Fix Type: 1-D
2014-08-18 18:12:14.350 Height:
2014-08-18 18:12:14.350 Latitude:
2014-08-18 18:12:14.350 Longitude:
2014-08-18 18:12:14.350 On Time: 0min
2014-08-18 18:12:14.350 Sat. Used: 0
2014-08-18 18:12:14.350 In View: 0
2014-08-18 18:12:14.350 Checksum Errors: 0
2014-08-18 18:12:14.350 Last GPS timemark: 2014-08-18 18:12:11

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2014-08-18 18:12:14.350 PLL Status
2014-08-18 18:12:14.350 State: Lock
2014-08-18 18:12:14.350 Initial VCO: 2199.968262
2014-08-18 18:12:14.350 Time Error: 0.000000
2014-08-18 18:12:14.350 RMS VCO: 0.0000000
2014-08-18 18:12:14.350 Best VCO: 2199.86
2014-08-18 18:12:14.350 Seconds Since Track or Lock: 0.0
2014-08-18 18:12:14.350 Vco Control: 2200
2014-08-18 18:12:14.350 timing mode: external seascan
2014-08-18 18:12:14.350 tempco normal
2014-08-18 18:12:14.350 PLL update: 10s PLL lock criterion: 5us
2014-08-18 18:12:14.350 Pfrac: 150.00
2014-08-18 18:12:14.350 VCO slope: -0.0175000
2014-08-18 18:12:14.350 VCO intercept: 7.1100001
2014-08-18 18:12:14.350 km delta: 600.0000000
2014-08-18 18:12:14.350 Logical Port 4 Status
2014-08-18 18:12:14.350 Data Packets Sent: 13011809
2014-08-18 18:12:14.350 Flood Packets Sent: 0
2014-08-18 18:12:14.350 Packets Re-Sent: 20346
2014-08-18 18:12:14.350 Sequence Errors: 0
2014-08-18 18:12:14.350 Packet Buffer Used: 21428944
2014-08-18 18:12:14.350 Physical Port: Ethernet
2014-08-18 18:12:14.350 Baler Model: 14 Software Version: 2.28
2014-08-18 18:12:14.350 MAC Address: 00:04:FB:00:02:EA
2014-08-18 18:12:14.350 Disk Size: 20000669696
2014-08-18 18:12:14.350 Percent of 1177 data files in use: 26.3
2014-08-18 18:12:14.350 Channels Enabled: 1234 Preamps ON channels:
2014-08-18 18:12:14.350 Channel Sensitivities (uV per count):
2014-08-18 18:12:14.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-18 18:12:14.350 Digitizer Calibration Results:
2014-08-18 18:12:14.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-18 18:12:14.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-18 18:12:14.350 DMU1 Software Version=10
2014-08-18 18:12:14.350 Supply Voltage=12.7
2014-08-18 18:12:14.350 Supply Current=0.41
2014-08-18 18:12:14.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-18 18:12:14.350 webLink Data Maps Restored
2014-08-18 18:12:14.350 [2014-08-18 06:06:37.000000] sequence resumes: 11592106 to
11592106
2014-08-18 18:12:14.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-18 18:12:13
2014-08-18 18:17:38.410 Reducing Status Polling Interval
2014-08-18 18:17:38.410 [2014-08-18 18:17:36.999998] total packets received: 46765
2014-08-18 18:17:38.410 [2014-08-18 18:17:36.999998] command timeouts: 6
2014-08-18 18:17:38.410 [2014-08-18 18:17:36.999998] out of window: 65
2014-08-18 18:17:38.410 written: HHZ-1154 HH1-1340 HH2-1267 BDH-417 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-18 18:17:38.410 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-19 LH1-24 LH2-23 LDH-24
VMZ-2 VM1-2
2014-08-18 18:17:38.410 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-18 18:17:38.410 [2014-08-18 18:17:36.999998] Done: 4315 recs. seq end:
11635966. run: 320 s
2014-08-19 06:18:29.380
2014-08-19 06:18:29.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-19 06:18:29.380 Control Port 2491 Opened
2014-08-19 06:18:29.380 Baler ready on Ethernet
2014-08-19 06:18:29.380 Power Cycled Baler Acknowledged
2014-08-19 06:18:29.380 Commands Accepted by Q330
2014-08-19 06:18:29.380 Access timeout: 300 sec
2014-08-19 06:18:29.380 Control Port 4023 Opened
2014-08-19 06:18:29.380 Data Port 4024 Opened
2014-08-19 06:18:29.380 Registered with Q330
2014-08-19 06:18:29.380 Combination Record Received

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2014-08-19 06:18:29.380 window=4   Min. Timeout=10   Max. Timeout=30
2014-08-19 06:18:29.380 Link Reset, starting window sequence: 15435
2014-08-19 06:18:29.380 GPS Receiver ID Received
2014-08-19 06:18:29.380 Manufacturer's Data Received, Property Tag=2017
2014-08-19 06:18:29.380 Digitizer Gain & Offsets Received
2014-08-19 06:18:29.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4315 recs.
seq end: 11635966
2014-08-19 06:18:29.380 Baler clock set to 2014-08-19 06:18:28
2014-08-19 06:18:29.380 Starting to Read DP Tokens
2014-08-19 06:18:29.380 DP Tokens loaded, size=1474 bytes
2014-08-19 06:18:29.380 webserver advertising 192.168.200.119:5380
2014-08-19 06:18:29.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-19 06:18:29.380 filters & delay HH1:2@100,Linear all=0.320000
2014-08-19 06:18:29.380 filters & delay HH2:3@100,Linear all=0.320000
2014-08-19 06:18:29.380 filters & delay BDH:4@20,Linear all=1.650000
2014-08-19 06:18:29.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-19 06:18:29.380 filters & delay LH1:2@1,Linear all=15.000000
2014-08-19 06:18:29.380 filters & delay LH2:3@1,Linear all=15.000000
2014-08-19 06:18:29.380 filters & delay LDH:4@1,Linear all=15.000000
2014-08-19 06:18:29.380 [2014-08-18 18:17:36.999998] continuity found: 11635966
461701057.000000 Q=100
2014-08-19 06:18:29.380 [2014-08-18 18:17:36.999998] restoring continuity
2014-08-19 06:18:29.380 Sending DT_OPEN
2014-08-19 06:18:29.380 Station: XX-2017
2014-08-19 06:18:29.380 Q330 Serial Number: 0100000DB18FC351
2014-08-19 06:18:29.380 AMB Serial Number: 0100000B6909DD82
2014-08-19 06:18:29.380 Seismo 1 Serial Number: 0000000000000000
2014-08-19 06:18:29.380 Seismo 2 Serial Number: 0000000000000000
2014-08-19 06:18:29.380 QAPCHP 1 Serial Number: 4643206
2014-08-19 06:18:29.380 QAPCHP 2 Serial Number: 3743050
2014-08-19 06:18:29.380 KMI Property Tag Number: 2017
2014-08-19 06:18:29.380 System Software Version: 1.146
2014-08-19 06:18:29.380 Slave Processor Version: 1.11
2014-08-19 06:18:29.380 Calibrator Type: QCAL330
2014-08-19 06:18:29.380 Calibrator Version: 1.8
2014-08-19 06:18:29.380 Auxiliary Board Type: None
2014-08-19 06:18:29.380 Clock Type: Motorola M12
2014-08-19 06:18:29.380 PLD Version: 7.9
2014-08-19 06:18:29.380 Total Hours: 68386.80
2014-08-19 06:18:29.380 Power On Hours: 33017.18
2014-08-19 06:18:29.380 Time of Last Boot: 2014-04-06 02:03:58
2014-08-19 06:18:29.380 Total Number of Boots: 120
2014-08-19 06:18:29.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-19 06:18:29.380 Total Number of Re-Syncs: 213
2014-08-19 06:18:29.380 Status Inputs: 00000000
2014-08-19 06:18:29.380 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-08-19 06:18:29.380 Clock Quality: 100%
2014-08-19 06:18:29.380 Clock Phase: 0 usec. max allowed=50000
2014-08-19 06:18:29.380 Boom positions:
2014-08-19 06:18:29.380 Ch1: -2 Ch2: -1 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-19 06:18:29.380 Analog Status
2014-08-19 06:18:29.380 Analog Positive Supply: 5.46V
2014-08-19 06:18:29.380 Input Voltage: 13.35V
2014-08-19 06:18:29.380 System Temperature: 5C
2014-08-19 06:18:29.380 Main Current: 62ma
2014-08-19 06:18:29.380 Antenna Current: 0ma
2014-08-19 06:18:29.380 GPS Status
2014-08-19 06:18:29.380 Time: 06:18:28
2014-08-19 06:18:29.380 Date:
2014-08-19 06:18:29.380 Fix Type: 1-D
2014-08-19 06:18:29.380 Height:
2014-08-19 06:18:29.380 Latitude:
2014-08-19 06:18:29.380 Longitude:

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2014-08-19 06:18:29.380 On Time: 0min
2014-08-19 06:18:29.380 Sat. Used: 0
2014-08-19 06:18:29.380 In View: 0
2014-08-19 06:18:29.380 Checksum Errors: 0
2014-08-19 06:18:29.380 Last GPS timemark: 2014-08-19 06:18:27
2014-08-19 06:18:29.380 PLL Status
2014-08-19 06:18:29.380 State: Lock
2014-08-19 06:18:29.380 Initial VCO: 2199.993652
2014-08-19 06:18:29.380 Time Error: 0.000000
2014-08-19 06:18:29.380 RMS VCO: 0.0000000
2014-08-19 06:18:29.380 Best VCO: 2200.00
2014-08-19 06:18:29.380 Seconds Since Track or Lock: 0.0
2014-08-19 06:18:29.380 Vco Control: 2200
2014-08-19 06:18:29.380 timing mode: external seascan
2014-08-19 06:18:29.380 tempco normal
2014-08-19 06:18:29.380 PLL update: 10s PLL lock criterion: 5us
2014-08-19 06:18:29.380 Pfrac: 150.00
2014-08-19 06:18:29.380 VCO slope: -0.0175000
2014-08-19 06:18:29.380 VCO intercept: 7.1100001
2014-08-19 06:18:29.380 Km delta: 600.0000000
2014-08-19 06:18:29.380 Logical Port 4 Status
2014-08-19 06:18:29.380 Data Packets Sent: 13058479
2014-08-19 06:18:29.380 Flood Packets Sent: 0
2014-08-19 06:18:29.380 Packets Re-Sent: 20426
2014-08-19 06:18:29.380 Sequence Errors: 0
2014-08-19 06:18:29.380 Packet Buffer Used: 20610268
2014-08-19 06:18:29.380 Physical Port: Ethernet
2014-08-19 06:18:29.380 Baler Model: 14 Software Version: 2.28
2014-08-19 06:18:29.380 MAC Address: 00:04:FB:00:02:EA
2014-08-19 06:18:29.380 Disk Size: 20000669696
2014-08-19 06:18:29.380 Percent of 1177 data files in use: 26.3
2014-08-19 06:18:29.380 Channels Enabled: 1234 Preamps ON channels:
2014-08-19 06:18:29.380 Channel Sensitivities (uV per count):
2014-08-19 06:18:29.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-19 06:18:29.380 Digitizer Calibration Results:
2014-08-19 06:18:29.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-19 06:18:29.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-19 06:18:29.380 DMU1 Software Version=10
2014-08-19 06:18:29.380 Supply Voltage=12.8
2014-08-19 06:18:29.380 Supply Current=0.41
2014-08-19 06:18:29.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-19 06:18:29.380 WebLink Data Maps Restored
2014-08-19 06:18:29.380 [2014-08-18 18:17:36.999998] sequence resumes: 11635966 to
11635966
2014-08-19 06:18:29.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-19 06:18:28
2014-08-19 06:20:48.670 [2014-08-19 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-19 06:23:41.140 [2014-08-19 06:12:48.000000] total packets received: 43419
2014-08-19 06:23:41.140 [2014-08-19 06:12:48.000000] command timeouts: 6
2014-08-19 06:23:41.140 [2014-08-19 06:12:48.000000] out of window: 63
2014-08-19 06:23:41.140 written: HHZ-1058 HH1-1205 HH2-1256 BDH-411 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-08-19 06:23:41.140 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-20 LH1-22 LH2-23 LDH-23
VMZ-1 VM1-1
2014-08-19 06:23:41.140 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-19 06:23:41.140 [2014-08-19 06:12:48.000000] Done: 4058 recs. seq end:
11678877. run: 307 s
2014-08-19 18:24:31.340
2014-08-19 18:24:31.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-19 18:24:31.340 Control Port 2491 Opened
2014-08-19 18:24:31.340 Baler ready on Ethernet
2014-08-19 18:24:31.340 Power Cycled Baler Acknowledged

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2014-08-19 18:24:31.340 Commands Accepted by Q330
2014-08-19 18:24:31.340 Access timeout: 300 sec
2014-08-19 18:24:31.340 Control Port 4023 Opened
2014-08-19 18:24:31.340 Data Port 4024 Opened
2014-08-19 18:24:31.340 Registered with Q330
2014-08-19 18:24:31.340 Combination Record Received
2014-08-19 18:24:31.340 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-19 18:24:31.340 Link Reset, starting window sequence: 58757
2014-08-19 18:24:31.340 GPS Receiver ID Received
2014-08-19 18:24:31.340 Manufacturer's Data Received, Property Tag=2017
2014-08-19 18:24:31.340 Digitizer Gain & Offsets Received
2014-08-19 18:24:31.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4058 recs.
seq end: 11678877
2014-08-19 18:24:31.340 Baler clock set to 2014-08-19 18:24:30
2014-08-19 18:24:31.340 Starting to Read DP Tokens
2014-08-19 18:24:31.340 DP Tokens loaded, size=1474 bytes
2014-08-19 18:24:31.340 Webserver advertising 192.168.200.119:5380
2014-08-19 18:24:31.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-19 18:24:31.340 filters & delay HH1:2@100,Linear all=0.320000
2014-08-19 18:24:31.340 filters & delay HH2:3@100,Linear all=0.320000
2014-08-19 18:24:31.340 filters & delay BDH:4@20,Linear all=1.650000
2014-08-19 18:24:31.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-19 18:24:31.340 filters & delay LH1:2@1,Linear all=15.000000
2014-08-19 18:24:31.340 filters & delay LH2:3@1,Linear all=15.000000
2014-08-19 18:24:31.340 filters & delay LDH:4@1,Linear all=15.000000
2014-08-19 18:24:31.340 [2014-08-19 06:12:48.000000] continuity found: 11678877
461743968.000000 Q=100
2014-08-19 18:24:31.340 [2014-08-19 06:12:48.000000] restoring continuity
2014-08-19 18:24:31.340 Sending DT_OPEN
2014-08-19 18:24:31.340 Station: XX-2017
2014-08-19 18:24:31.340 Q330 Serial Number: 0100000DB18FC351
2014-08-19 18:24:31.340 AMB Serial Number: 0100000B6909DD82
2014-08-19 18:24:31.340 Seismo 1 Serial Number: 0000000000000000
2014-08-19 18:24:31.340 Seismo 2 Serial Number: 0000000000000000
2014-08-19 18:24:31.340 QAPCHP 1 Serial Number: 4643206
2014-08-19 18:24:31.340 QAPCHP 2 Serial Number: 3743050
2014-08-19 18:24:31.340 KMI Property Tag Number: 2017
2014-08-19 18:24:31.340 System Software Version: 1.146
2014-08-19 18:24:31.340 Slave Processor Version: 1.11
2014-08-19 18:24:31.340 Calibrator Type: QCAL330
2014-08-19 18:24:31.340 Calibrator Version: 1.8
2014-08-19 18:24:31.340 Auxiliary Board Type: None
2014-08-19 18:24:31.340 Clock Type: Motorola M12
2014-08-19 18:24:31.340 PLD Version: 7.9
2014-08-19 18:24:31.340 Total Hours: 68398.90
2014-08-19 18:24:31.340 Power On Hours: 33029.28
2014-08-19 18:24:31.340 Time of Last Boot: 2014-04-06 02:03:58
2014-08-19 18:24:31.340 Total Number of Boots: 120
2014-08-19 18:24:31.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-19 18:24:31.340 Total Number of Re-Syncs: 213
2014-08-19 18:24:31.340 Status Inputs: 00000000
2014-08-19 18:24:31.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-19 18:24:31.340 Clock Quality: 100%
2014-08-19 18:24:31.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-19 18:24:31.340 Clock Phase: 0 usec. max allowed=50000
2014-08-19 18:24:31.340 Boom positions:
2014-08-19 18:24:31.340 Ch1: -2 Ch2: -6 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-19 18:24:31.340 Analog Status
2014-08-19 18:24:31.340 Analog Positive Supply: 5.46V
2014-08-19 18:24:31.340 Input Voltage: 13.35V
2014-08-19 18:24:31.340 System Temperature: 5C
2014-08-19 18:24:31.340 Main Current: 61ma
2014-08-19 18:24:31.340 Antenna Current: 0ma

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2014-08-19 18:24:31.340 GPS Status  
 2014-08-19 18:24:31.340 Time: 18:24:30  
 2014-08-19 18:24:31.340 Date:  
 2014-08-19 18:24:31.340 Fix Type: 1-D  
 2014-08-19 18:24:31.340 Height:  
 2014-08-19 18:24:31.340 Latitude:  
 2014-08-19 18:24:31.340 Longitude:  
 2014-08-19 18:24:31.340 On Time: 0min  
 2014-08-19 18:24:31.340 Sat. Used: 0  
 2014-08-19 18:24:31.340 In View: 0  
 2014-08-19 18:24:31.340 Checksum Errors: 0  
 2014-08-19 18:24:31.340 Last GPS timemark: 2014-08-19 18:24:29  
 2014-08-19 18:24:31.340 PLL Status  
 2014-08-19 18:24:31.340 State: Lock  
 2014-08-19 18:24:31.340 Initial VCO: 2199.643311  
 2014-08-19 18:24:31.340 Time Error: 0.000000  
 2014-08-19 18:24:31.340 RMS VCO: 0.000000  
 2014-08-19 18:24:31.340 Best VCO: 2199.66  
 2014-08-19 18:24:31.340 Seconds Since Track or Lock: 0.0  
 2014-08-19 18:24:31.340 Vco Control: 2200  
 2014-08-19 18:24:31.340 timing mode: external seascan  
 2014-08-19 18:24:31.340 tempco normal  
 2014-08-19 18:24:31.340 PLL update: 10s PLL lock criterion: 5us  
 2014-08-19 18:24:31.340 Pfrac: 150.00  
 2014-08-19 18:24:31.340 VCO slope: -0.0175000  
 2014-08-19 18:24:31.340 VCO intercept: 7.1100001  
 2014-08-19 18:24:31.340 km delta: 600.000000  
 2014-08-19 18:24:31.340 Logical Port 4 Status  
 2014-08-19 18:24:31.340 Data Packets Sent: 13101806  
 2014-08-19 18:24:31.340 Flood Packets Sent: 0  
 2014-08-19 18:24:31.340 Packets Re-Sent: 20503  
 2014-08-19 18:24:31.340 Sequence Errors: 0  
 2014-08-19 18:24:31.340 Packet Buffer Used: 21605788  
 2014-08-19 18:24:31.340 Physical Port: Ethernet  
 2014-08-19 18:24:31.340 Baler Model: 14 Software Version: 2.28  
 2014-08-19 18:24:31.340 MAC Address: 00:04:FB:00:02:EA  
 2014-08-19 18:24:31.340 Disk Size: 20000669696  
 2014-08-19 18:24:31.340 Percent of 1177 data files in use: 26.3  
 2014-08-19 18:24:31.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-19 18:24:31.340 Channel Sensitivities (uV per count):  
 2014-08-19 18:24:31.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-19 18:24:31.340 Digitizer Calibration Results:  
 2014-08-19 18:24:31.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-19 18:24:31.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-19 18:24:31.340 DMU1 Software Version=10  
 2014-08-19 18:24:31.340 Supply Voltage=12.7  
 2014-08-19 18:24:31.340 Supply Current=0.41  
 2014-08-19 18:24:31.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-19 18:24:31.340 webLink Data Maps Restored  
 2014-08-19 18:24:31.340 [2014-08-19 06:12:48.000000] sequence resumes: 11678877 to 11678877  
 2014-08-19 18:24:31.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-19 18:24:30  
 2014-08-19 18:30:02.100 Reducing Status Polling Interval  
 2014-08-19 18:30:02.100 [2014-08-19 18:30:00.999998] total packets received: 44729  
 2014-08-19 18:30:02.100 [2014-08-19 18:30:00.999998] command timeouts: 6  
 2014-08-19 18:30:02.100 [2014-08-19 18:30:00.999998] out of window: 75  
 2014-08-19 18:30:02.100 written: HHZ-1139 HH1-1293 HH2-1355 BDH-433 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-08-19 18:30:02.100 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-08-19 18:30:02.100 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-19 18:30:02.100 [2014-08-19 18:30:00.999998] Done: 4360 recs. seq end:

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11723110. run: 325 s
2014-08-20 06:30:56.370
2014-08-20 06:30:56.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-20 06:30:56.370 Control Port 2491 Opened
2014-08-20 06:30:56.370 Baler ready on Ethernet
2014-08-20 06:30:56.370 Power Cycled Baler Acknowledged
2014-08-20 06:30:56.370 Commands Accepted by Q330
2014-08-20 06:30:56.370 Access timeout: 300 sec
2014-08-20 06:30:56.370 Control Port 4023 Opened
2014-08-20 06:30:56.370 Data Port 4024 Opened
2014-08-20 06:30:56.370 Registered with Q330
2014-08-20 06:30:56.370 Combination Record Received
2014-08-20 06:30:56.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-20 06:30:56.370 Link Reset, starting window sequence: 37840
2014-08-20 06:30:56.370 GPS Receiver ID Received
2014-08-20 06:30:56.370 Digitizer Gain & Offsets Received
2014-08-20 06:30:56.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4360 recs.
seq end: 11723110
2014-08-20 06:30:56.370 Baler clock set to 2014-08-20 06:30:55
2014-08-20 06:30:56.370 Starting to Read DP Tokens
2014-08-20 06:30:56.370 DP Tokens loaded, size=1474 bytes
2014-08-20 06:30:56.370 Webserver advertising 192.168.200.119:5380
2014-08-20 06:30:56.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-20 06:30:56.370 filters & delay HH1:2@100,Linear all=0.320000
2014-08-20 06:30:56.370 filters & delay HH2:3@100,Linear all=0.320000
2014-08-20 06:30:56.370 filters & delay BDH:4@20,Linear all=1.650000
2014-08-20 06:30:56.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-20 06:30:56.370 filters & delay LH1:2@1,Linear all=15.000000
2014-08-20 06:30:56.370 filters & delay LH2:3@1,Linear all=15.000000
2014-08-20 06:30:56.370 filters & delay LDH:4@1,Linear all=15.000000
2014-08-20 06:30:56.370 [2014-08-19 18:30:00.999998] continuity found: 11723110
461788201.000000 Q=100
2014-08-20 06:30:56.370 [2014-08-19 18:30:00.999998] restoring continuity
2014-08-20 06:30:56.370 Sending DT_OPEN
2014-08-20 06:30:56.370 Station: XX-2017
2014-08-20 06:30:56.370 Q330 Serial Number: 0100000DB18FC351
2014-08-20 06:30:56.370 AMB Serial Number: 0100000B6909DD82
2014-08-20 06:30:56.370 Seismo 1 Serial Number: 0000000000000000
2014-08-20 06:30:56.370 Seismo 2 Serial Number: 0000000000000000
2014-08-20 06:30:56.370 QAPCHP 1 Serial Number: 4643206
2014-08-20 06:30:56.370 QAPCHP 2 Serial Number: 3743050
2014-08-20 06:30:56.370 KMI Property Tag Number: 2017
2014-08-20 06:30:56.370 System Software Version: 1.146
2014-08-20 06:30:56.370 Slave Processor Version: 1.11
2014-08-20 06:30:56.370 Calibrator Type: QCAL330
2014-08-20 06:30:56.370 Calibrator Version: 1.8
2014-08-20 06:30:56.370 Auxiliary Board Type: None
2014-08-20 06:30:56.370 Clock Type: Motorola M12
2014-08-20 06:30:56.370 PLD Version: 7.9
2014-08-20 06:30:56.370 Total Hours: 68411.00
2014-08-20 06:30:56.370 Power On Hours: 33041.39
2014-08-20 06:30:56.370 Time of Last Boot: 2014-04-06 02:03:58
2014-08-20 06:30:56.370 Total Number of Boots: 120
2014-08-20 06:30:56.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-20 06:30:56.370 Total Number of Re-Syncs: 213
2014-08-20 06:30:56.370 Status Inputs: 00000000
2014-08-20 06:30:56.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-20 06:30:56.370 Clock Quality: 100%
2014-08-20 06:30:56.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-20 06:30:56.370 Clock Phase: 0 usec. max allowed=50000
2014-08-20 06:30:56.370 Boom positions:
2014-08-20 06:30:56.370 Ch1: -2 Ch2: 3 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-20 06:30:56.370 Analog Status

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2014-08-20 06:30:56.370 Analog Positive Supply: 5.46V  
 2014-08-20 06:30:56.370 Input Voltage: 13.20V  
 2014-08-20 06:30:56.370 System Temperature: 5C  
 2014-08-20 06:30:56.370 Main Current: 61ma  
 2014-08-20 06:30:56.370 Antenna Current: 0ma  
 2014-08-20 06:30:56.370 GPS Status  
 2014-08-20 06:30:56.370 Time: 06:30:55  
 2014-08-20 06:30:56.370 Date:  
 2014-08-20 06:30:56.370 Fix Type: 1-D  
 2014-08-20 06:30:56.370 Height:  
 2014-08-20 06:30:56.370 Latitude:  
 2014-08-20 06:30:56.370 Longitude:  
 2014-08-20 06:30:56.370 On Time: 0min  
 2014-08-20 06:30:56.370 Sat. Used: 0  
 2014-08-20 06:30:56.370 In View: 0  
 2014-08-20 06:30:56.370 Checksum Errors: 0  
 2014-08-20 06:30:56.370 Last GPS timemark: 2014-08-20 06:30:54  
 2014-08-20 06:30:56.370 PLL Status  
 2014-08-20 06:30:56.370 State: Lock  
 2014-08-20 06:30:56.370 Initial VCO: 2199.290527  
 2014-08-20 06:30:56.370 Time Error: 0.000000  
 2014-08-20 06:30:56.370 RMS VCO: 0.000000  
 2014-08-20 06:30:56.370 Best VCO: 2199.30  
 2014-08-20 06:30:56.370 Seconds Since Track or Lock: 0.0  
 2014-08-20 06:30:56.370 Vco Control: 2199  
 2014-08-20 06:30:56.370 timing mode: external seascan  
 2014-08-20 06:30:56.370 tempco normal  
 2014-08-20 06:30:56.370 PLL update: 10s PLL lock criterion: 5us  
 2014-08-20 06:30:56.370 Pfrac: 150.00  
 2014-08-20 06:30:56.370 VCO slope: -0.0175000  
 2014-08-20 06:30:56.370 VCO intercept: 7.1100001  
 2014-08-20 06:30:56.370 Km delta: 600.000000  
 2014-08-20 06:30:56.370 Logical Port 4 Status  
 2014-08-20 06:30:56.370 Data Packets Sent: 13146430  
 2014-08-20 06:30:56.370 Flood Packets Sent: 0  
 2014-08-20 06:30:56.370 Packets Re-Sent: 20596  
 2014-08-20 06:30:56.370 Sequence Errors: 0  
 2014-08-20 06:30:56.370 Packet Buffer Used: 21304588  
 2014-08-20 06:30:56.370 Physical Port: Ethernet  
 2014-08-20 06:30:56.370 Baler Model: 14 Software Version: 2.28  
 2014-08-20 06:30:56.370 MAC Address: 00:04:FB:00:02:EA  
 2014-08-20 06:30:56.370 Disk Size: 20000669696  
 2014-08-20 06:30:56.370 Percent of 1177 data files in use: 26.5  
 2014-08-20 06:30:56.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-20 06:30:56.370 Channel Sensitivities (uV per count):  
 2014-08-20 06:30:56.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-20 06:30:56.370 Digitizer Calibration Results:  
 2014-08-20 06:30:56.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-20 06:30:56.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-20 06:30:56.370 DMU1 Software Version=10  
 2014-08-20 06:30:56.370 Supply Voltage=12.7  
 2014-08-20 06:30:56.370 Supply Current=0.41  
 2014-08-20 06:30:56.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-20 06:30:56.370 webLink Data Maps Restored  
 2014-08-20 06:30:56.370 [2014-08-19 18:30:00.999998] sequence resumes: 11723110 to 11723110  
 2014-08-20 06:30:56.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-20 06:30:55  
 2014-08-20 06:33:15.820 [2014-08-20 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-08-20 06:36:17.790 Reducing Status Polling Interval  
 2014-08-20 06:36:17.790 [2014-08-20 06:36:17.000000] total packets received: 44059  
 2014-08-20 06:36:17.790 [2014-08-20 06:36:17.000000] command timeouts: 6

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2014-08-20 06:36:17.790 [2014-08-20 06:36:17.000000] out of window: 62
2014-08-20 06:36:17.790 written: HHZ-1124 HH1-1312 HH2-1298 BDH-424 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-20 06:36:17.790 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-20 06:36:17.790 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-20 06:36:17.790 [2014-08-20 06:36:17.000000] Done: 4302 recs. seq end:
11766686. run: 317 s
2014-08-20 18:37:10.410
2014-08-20 18:37:10.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-20 18:37:10.410 Control Port 2491 Opened
2014-08-20 18:37:10.410 Baler ready on Ethernet
2014-08-20 18:37:10.410 Power Cycled Baler Acknowledged
2014-08-20 18:37:10.410 Commands Accepted by Q330
2014-08-20 18:37:10.410 Access timeout: 300 sec
2014-08-20 18:37:10.410 Control Port 4023 Opened
2014-08-20 18:37:10.410 Data Port 4024 Opened
2014-08-20 18:37:10.410 Registered with Q330
2014-08-20 18:37:10.410 Combination Record Received
2014-08-20 18:37:10.410 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-20 18:37:10.410 Link Reset, starting window sequence: 16266
2014-08-20 18:37:10.410 GPS Receiver ID Received
2014-08-20 18:37:10.410 Manufacturer's Data Received, Property Tag=2017
2014-08-20 18:37:10.410 Digitizer Gain & Offsets Received
2014-08-20 18:37:10.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4302 recs.
seq end: 11766686
2014-08-20 18:37:10.410 Baler clock set to 2014-08-20 18:37:09
2014-08-20 18:37:10.410 Starting to Read DP Tokens
2014-08-20 18:37:10.410 DP Tokens loaded, size=1474 bytes
2014-08-20 18:37:10.410 Webserver advertising 192.168.200.119:5380
2014-08-20 18:37:10.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-20 18:37:10.410 filters & delay HH1:2@100,Linear all=0.320000
2014-08-20 18:37:10.410 filters & delay HH2:3@100,Linear all=0.320000
2014-08-20 18:37:10.410 filters & delay BDH:4@20,Linear all=1.650000
2014-08-20 18:37:10.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-20 18:37:10.410 filters & delay LH1:2@1,Linear all=15.000000
2014-08-20 18:37:10.410 filters & delay LH2:3@1,Linear all=15.000000
2014-08-20 18:37:10.410 filters & delay LDH:4@1,Linear all=15.000000
2014-08-20 18:37:10.410 [2014-08-20 06:36:17.000000] continuity found: 11766686
461831777.000000 Q=100
2014-08-20 18:37:10.410 [2014-08-20 06:36:17.000000] restoring continuity
2014-08-20 18:37:10.410 Sending DT_OPEN
2014-08-20 18:37:10.410 Station: XX-2017
2014-08-20 18:37:10.410 Q330 Serial Number: 0100000DB18FC351
2014-08-20 18:37:10.410 AMB Serial Number: 0100000B6909DD82
2014-08-20 18:37:10.410 Seismo 1 Serial Number: 0000000000000000
2014-08-20 18:37:10.410 Seismo 2 Serial Number: 0000000000000000
2014-08-20 18:37:10.410 QAPCHP 1 Serial Number: 4643206
2014-08-20 18:37:10.410 QAPCHP 2 Serial Number: 3743050
2014-08-20 18:37:10.410 KMI Property Tag Number: 2017
2014-08-20 18:37:10.410 System Software Version: 1.146
2014-08-20 18:37:10.410 Slave Processor Version: 1.11
2014-08-20 18:37:10.410 Calibrator Type: QCAL330
2014-08-20 18:37:10.410 Calibrator Version: 1.8
2014-08-20 18:37:10.410 Auxiliary Board Type: None
2014-08-20 18:37:10.410 Clock Type: Motorola M12
2014-08-20 18:37:10.410 PLD Version: 7.9
2014-08-20 18:37:10.410 Total Hours: 68423.11
2014-08-20 18:37:10.410 Power On Hours: 33053.49
2014-08-20 18:37:10.410 Time of Last Boot: 2014-04-06 02:03:58
2014-08-20 18:37:10.410 Total Number of Boots: 120
2014-08-20 18:37:10.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-20 18:37:10.410 Total Number of Re-Syncs: 213

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2014-08-20 18:37:10.410 Status Inputs: 00000000
2014-08-20 18:37:10.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-20 18:37:10.410 Clock Quality: 100%
2014-08-20 18:37:10.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-20 18:37:10.410 Clock Phase: 0 usec. max allowed=50000
2014-08-20 18:37:10.410 Boom positions:
2014-08-20 18:37:10.410 Ch1: -2 Ch2: -1 Ch3: 9 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-20 18:37:10.410 Analog Status
2014-08-20 18:37:10.410 Analog Positive Supply: 5.46V
2014-08-20 18:37:10.410 Input Voltage: 13.35V
2014-08-20 18:37:10.410 System Temperature: 5C
2014-08-20 18:37:10.410 Main Current: 62ma
2014-08-20 18:37:10.410 Antenna Current: 0ma
2014-08-20 18:37:10.410 GPS Status
2014-08-20 18:37:10.410 Time: 18:37:08
2014-08-20 18:37:10.410 Date:
2014-08-20 18:37:10.410 Fix Type: 1-D
2014-08-20 18:37:10.410 Height:
2014-08-20 18:37:10.410 Latitude:
2014-08-20 18:37:10.410 Longitude:
2014-08-20 18:37:10.410 On Time: 0min
2014-08-20 18:37:10.410 Sat. Used: 0
2014-08-20 18:37:10.410 In View: 0
2014-08-20 18:37:10.410 Checksum Errors: 0
2014-08-20 18:37:10.410 Last GPS timemark: 2014-08-20 18:37:07
2014-08-20 18:37:10.410 PLL Status
2014-08-20 18:37:10.410 State: Lock
2014-08-20 18:37:10.410 Initial VCO: 2199.684814
2014-08-20 18:37:10.410 Time Error: 0.000000
2014-08-20 18:37:10.410 RMS VCO: 0.0000000
2014-08-20 18:37:10.410 Best VCO: 2199.66
2014-08-20 18:37:10.410 Seconds Since Track or Lock: 0.0
2014-08-20 18:37:10.410 Vco Control: 2200
2014-08-20 18:37:10.410 timing mode: external seascan
2014-08-20 18:37:10.410 tempco normal
2014-08-20 18:37:10.410 PLL update: 10s PLL lock criterion: 5us
2014-08-20 18:37:10.410 Pfrac: 150.00
2014-08-20 18:37:10.410 VCO slope: -0.0175000
2014-08-20 18:37:10.410 VCO intercept: 7.1100001
2014-08-20 18:37:10.410 km delta: 600.0000000
2014-08-20 18:37:10.410 Logical Port 4 Status
2014-08-20 18:37:10.410 Data Packets Sent: 13190397
2014-08-20 18:37:10.410 Flood Packets Sent: 0
2014-08-20 18:37:10.410 Packets Re-Sent: 20676
2014-08-20 18:37:10.410 Packet Buffer Used: 21477592
2014-08-20 18:37:10.410 Physical Port: Ethernet
2014-08-20 18:37:10.410 Baler Model: 14 Software Version: 2.28
2014-08-20 18:37:10.410 MAC Address: 00:04:FB:00:02:EA
2014-08-20 18:37:10.410 Disk Size: 20000669696
2014-08-20 18:37:10.410 Percent of 1177 data files in use: 26.5
2014-08-20 18:37:10.410 Channels Enabled: 1234 Preamps ON channels:
2014-08-20 18:37:10.410 Channel Sensitivities (uV per count):
2014-08-20 18:37:10.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-20 18:37:10.410 Digitizer Calibration Results:
2014-08-20 18:37:10.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-20 18:37:10.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-20 18:37:10.410 DMU1 Software Version=10
2014-08-20 18:37:10.410 Supply Voltage=12.8
2014-08-20 18:37:10.410 Supply Current=0.40
2014-08-20 18:37:10.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-20 18:37:10.410 webLink Data Maps Restored
2014-08-20 18:37:10.410 [2014-08-20 06:36:17.000000] sequence resumes: 11766686 to
11766686

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2014-08-20 18:37:10.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-08-20 18:37:09  
2014-08-20 18:42:34.140 Reducing Status Polling Interval  
2014-08-20 18:42:34.140 [2014-08-20 18:42:33.000000] total packets received: 44766  
2014-08-20 18:42:34.140 [2014-08-20 18:42:33.000000] command timeouts: 6  
2014-08-20 18:42:34.140 [2014-08-20 18:42:33.000000] out of window: 70  
2014-08-20 18:42:34.140 written: HHZ-1143 HH1-1294 HH2-1329 BDH-429 VEP-1 VEC-2  
VEA-1 VKI-1 VCO-1  
2014-08-20 18:42:34.140 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24  
VMZ-1 VM1-1  
2014-08-20 18:42:34.140 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
2014-08-20 18:42:34.140 [2014-08-20 18:42:33.000000] Done: 4328 recs. seq end:  
11810262. run: 319 s  
2014-08-21 06:43:23.350  
2014-08-21 06:43:23.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-08-21 06:43:23.350 Control Port 2491 Opened  
2014-08-21 06:43:23.350 Baler ready on Ethernet  
2014-08-21 06:43:23.350 Power Cycled Baler Acknowledged  
2014-08-21 06:43:23.350 Commands Accepted by Q330  
2014-08-21 06:43:23.350 Access timeout: 300 sec  
2014-08-21 06:43:23.350 Control Port 4023 Opened  
2014-08-21 06:43:23.350 Data Port 4024 Opened  
2014-08-21 06:43:23.350 Registered with Q330  
2014-08-21 06:43:23.350 Combination Record Received  
2014-08-21 06:43:23.350 Window=4 Min. Timeout=10 Max. Timeout=30  
2014-08-21 06:43:23.350 Link Reset, starting window sequence: 60927  
2014-08-21 06:43:23.350 GPS Receiver ID Received  
2014-08-21 06:43:23.350 Manufacturer's Data Received, Property Tag=2017  
2014-08-21 06:43:23.350 Digitizer Gain & Offsets Received  
2014-08-21 06:43:23.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4328 recs.  
seq end: 11810262  
2014-08-21 06:43:23.350 Baler clock set to 2014-08-21 06:43:22  
2014-08-21 06:43:23.350 Starting to Read DP Tokens  
2014-08-21 06:43:23.350 DP Tokens loaded, size=1474 bytes  
2014-08-21 06:43:23.350 webserver advertising 192.168.200.119:5380  
2014-08-21 06:43:23.350 filters & delay HHZ:1@100,Linear all=0.320000  
2014-08-21 06:43:23.350 filters & delay HH1:2@100,Linear all=0.320000  
2014-08-21 06:43:23.350 filters & delay HH2:3@100,Linear all=0.320000  
2014-08-21 06:43:23.350 filters & delay BDH:4@20,Linear all=1.650000  
2014-08-21 06:43:23.350 filters & delay LHZ:1@1,Linear all=15.000000  
2014-08-21 06:43:23.350 filters & delay LH1:2@1,Linear all=15.000000  
2014-08-21 06:43:23.350 filters & delay LH2:3@1,Linear all=15.000000  
2014-08-21 06:43:23.350 filters & delay LDH:4@1,Linear all=15.000000  
2014-08-21 06:43:23.350 [2014-08-20 18:42:33.000000] continuity found: 11810262  
461875353.000000 Q=100  
2014-08-21 06:43:23.350 [2014-08-20 18:42:33.000000] restoring continuity  
2014-08-21 06:43:23.350 Sending DT\_OPEN  
2014-08-21 06:43:23.350 Station: XX-2017  
2014-08-21 06:43:23.350 Q330 Serial Number: 0100000DB18FC351  
2014-08-21 06:43:23.350 AMB Serial Number: 0100000B6909DD82  
2014-08-21 06:43:23.350 Seismo 1 Serial Number: 0000000000000000  
2014-08-21 06:43:23.350 Seismo 2 Serial Number: 0000000000000000  
2014-08-21 06:43:23.350 QAPCHP 1 Serial Number: 4643206  
2014-08-21 06:43:23.350 QAPCHP 2 Serial Number: 3743050  
2014-08-21 06:43:23.350 KMI Property Tag Number: 2017  
2014-08-21 06:43:23.350 System Software Version: 1.146  
2014-08-21 06:43:23.350 Slave Processor Version: 1.11  
2014-08-21 06:43:23.350 Calibrator Type: QCAL330  
2014-08-21 06:43:23.350 Calibrator Version: 1.8  
2014-08-21 06:43:23.350 Auxiliary Board Type: None  
2014-08-21 06:43:23.350 Clock Type: Motorola M12  
2014-08-21 06:43:23.350 PLD Version: 7.9  
2014-08-21 06:43:23.350 Total Hours: 68435.21

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2014-08-21 06:43:23.350 Power On Hours: 33065.60  
 2014-08-21 06:43:23.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-21 06:43:23.350 Total Number of Boots: 120  
 2014-08-21 06:43:23.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-21 06:43:23.350 Total Number of Re-Syncs: 213  
 2014-08-21 06:43:23.350 Status Inputs: 00000000  
 2014-08-21 06:43:23.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-21 06:43:23.350 Clock Quality: 100%  
 2014-08-21 06:43:23.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-21 06:43:23.350 Clock Phase: 0 usec. max allowed=50000  
 2014-08-21 06:43:23.350 Boom positions:  
 2014-08-21 06:43:23.350 Ch1: -2 Ch2: -6 Ch3: 13 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-08-21 06:43:23.350 Analog Status  
 2014-08-21 06:43:23.350 Analog Positive Supply: 5.46v  
 2014-08-21 06:43:23.350 Input Voltage: 13.35V  
 2014-08-21 06:43:23.350 System Temperature: 5C  
 2014-08-21 06:43:23.350 Main Current: 62ma  
 2014-08-21 06:43:23.350 Antenna Current: 0ma  
 2014-08-21 06:43:23.350 GPS Status  
 2014-08-21 06:43:23.350 Time: 06:43:22  
 2014-08-21 06:43:23.350 Date:  
 2014-08-21 06:43:23.350 Fix Type: 1-D  
 2014-08-21 06:43:23.350 Height:  
 2014-08-21 06:43:23.350 Latitude:  
 2014-08-21 06:43:23.350 Longitude:  
 2014-08-21 06:43:23.350 On Time: 0min  
 2014-08-21 06:43:23.350 Sat. Used: 0  
 2014-08-21 06:43:23.350 In View: 0  
 2014-08-21 06:43:23.350 Checksum Errors: 0  
 2014-08-21 06:43:23.350 Last GPS timemark: 2014-08-21 06:43:21  
 2014-08-21 06:43:23.350 PLL Status  
 2014-08-21 06:43:23.350 State: Lock  
 2014-08-21 06:43:23.350 Initial VCO: 2199.960938  
 2014-08-21 06:43:23.350 Time Error: 0.000000  
 2014-08-21 06:43:23.350 RMS VCO: 0.0000000  
 2014-08-21 06:43:23.350 Best VCO: 2199.97  
 2014-08-21 06:43:23.350 Seconds Since Track or Lock: 0.0  
 2014-08-21 06:43:23.350 Vco Control: 2200  
 2014-08-21 06:43:23.350 timing mode: external seascan  
 2014-08-21 06:43:23.350 tempco normal  
 2014-08-21 06:43:23.350 PLL update: 10s PLL lock criterion: 5us  
 2014-08-21 06:43:23.350 Pfrac: 150.00  
 2014-08-21 06:43:23.350 VCO slope: -0.0175000  
 2014-08-21 06:43:23.350 VCO intercept: 7.1100001  
 2014-08-21 06:43:23.350 Km delta: 600.0000000  
 2014-08-21 06:43:23.350 Logical Port 4 Status  
 2014-08-21 06:43:23.350 Data Packets Sent: 13235063  
 2014-08-21 06:43:23.350 Flood Packets Sent: 0  
 2014-08-21 06:43:23.350 Packets Re-Sent: 20758  
 2014-08-21 06:43:23.350 Sequence Errors: 0  
 2014-08-21 06:43:23.350 Packet Buffer Used: 23018404  
 2014-08-21 06:43:23.350 Physical Port: Ethernet  
 2014-08-21 06:43:23.350 Baler Model: 14 Software Version: 2.28  
 2014-08-21 06:43:23.350 MAC Address: 00:04:FB:00:02:EA  
 2014-08-21 06:43:23.350 Disk Size: 20000669696  
 2014-08-21 06:43:23.350 Percent of 1177 data files in use: 26.6  
 2014-08-21 06:43:23.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-21 06:43:23.350 Channel Sensitivities (uV per count):  
 2014-08-21 06:43:23.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-21 06:43:23.350 Digitizer Calibration Results:  
 2014-08-21 06:43:23.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-21 06:43:23.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-21 06:43:23.350 DMU1 Software Version=10

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2014-08-21 06:43:23.350 Supply Voltage=12.7
2014-08-21 06:43:23.350 Supply Current=0.41
2014-08-21 06:43:23.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-21 06:43:23.350 WebLink Data Maps Restored
2014-08-21 06:43:23.350 [2014-08-20 18:42:33.000000] sequence resumes: 11810262 to
11810262
2014-08-21 06:43:23.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-21 06:43:22
2014-08-21 06:45:44.570 [2014-08-21 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-21 06:49:13.170 Reducing Status Polling Interval
2014-08-21 06:49:13.170 [2014-08-21 06:49:12.999998] total packets received: 56661
2014-08-21 06:49:13.170 [2014-08-21 06:49:12.999998] command timeouts: 6
2014-08-21 06:49:13.170 [2014-08-21 06:49:12.999998] out of window: 73
2014-08-21 06:49:13.170 written: HHZ-1160 HH1-1487 HH2-1503 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-21 06:49:13.170 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-08-21 06:49:13.170 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-21 06:49:13.170 [2014-08-21 06:49:12.999998] Done: 4729 recs. seq end:
11853862. run: 345 s
2014-08-21 18:50:06.400
2014-08-21 18:50:06.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-21 18:50:06.400 Control Port 2491 Opened
2014-08-21 18:50:06.400 Baler ready on Ethernet
2014-08-21 18:50:06.400 Power Cycled Baler Acknowledged
2014-08-21 18:50:06.400 Commands Accepted by Q330
2014-08-21 18:50:06.400 Access timeout: 300 sec
2014-08-21 18:50:06.400 Control Port 4023 Opened
2014-08-21 18:50:06.400 Data Port 4024 Opened
2014-08-21 18:50:06.400 Registered with Q330
2014-08-21 18:50:06.400 Combination Record Received
2014-08-21 18:50:06.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-21 18:50:06.400 Link Reset, starting window sequence: 51942
2014-08-21 18:50:06.400 GPS Receiver ID Received
2014-08-21 18:50:06.400 Manufacturer's Data Received, Property Tag=2017
2014-08-21 18:50:06.400 Digitizer Gain & Offsets Received
2014-08-21 18:50:06.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4729 recs.
seq end: 11853862
2014-08-21 18:50:06.400 Baler clock set to 2014-08-21 18:50:05
2014-08-21 18:50:06.400 Starting to Read DP Tokens
2014-08-21 18:50:06.400 DP Tokens loaded, size=1474 bytes
2014-08-21 18:50:06.400 webserver advertising 192.168.200.119:5380
2014-08-21 18:50:06.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-21 18:50:06.400 filters & delay HH1:2@100,Linear all=0.320000
2014-08-21 18:50:06.400 filters & delay HH2:3@100,Linear all=0.320000
2014-08-21 18:50:06.400 filters & delay BDH:4@20,Linear all=1.650000
2014-08-21 18:50:06.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-21 18:50:06.400 filters & delay LH1:2@1,Linear all=15.000000
2014-08-21 18:50:06.400 filters & delay LH2:3@1,Linear all=15.000000
2014-08-21 18:50:06.400 filters & delay LDH:4@1,Linear all=15.000000
2014-08-21 18:50:06.400 [2014-08-21 06:49:12.999998] continuity found: 11853862
461918953.000000 Q=100
2014-08-21 18:50:06.400 [2014-08-21 06:49:12.999998] restoring continuity
2014-08-21 18:50:06.400 Sending DT_OPEN
2014-08-21 18:50:06.400 Station: XX-2017
2014-08-21 18:50:06.400 Q330 Serial Number: 0100000DB18FC351
2014-08-21 18:50:06.400 AMB Serial Number: 0100000B6909DD82
2014-08-21 18:50:06.400 Seismo 1 Serial Number: 0000000000000000
2014-08-21 18:50:06.400 Seismo 2 Serial Number: 0000000000000000
2014-08-21 18:50:06.400 QAPCHP 1 Serial Number: 4643206
2014-08-21 18:50:06.400 QAPCHP 2 Serial Number: 3743050
2014-08-21 18:50:06.400 KMI Property Tag Number: 2017

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2014-08-21 18:50:06.400 System Software Version: 1.146  
 2014-08-21 18:50:06.400 Slave Processor Version: 1.11  
 2014-08-21 18:50:06.400 Calibrator Version: 1.8  
 2014-08-21 18:50:06.400 Auxiliary Board Type: None  
 2014-08-21 18:50:06.400 Clock Type: Motorola M12  
 2014-08-21 18:50:06.400 PLD Version: 7.9  
 2014-08-21 18:50:06.400 Total Hours: 68447.32  
 2014-08-21 18:50:06.400 Power On Hours: 33077.71  
 2014-08-21 18:50:06.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-21 18:50:06.400 Total Number of Boots: 120  
 2014-08-21 18:50:06.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-21 18:50:06.400 Total Number of Re-Syncs: 213  
 2014-08-21 18:50:06.400 Status Inputs: 00000000  
 2014-08-21 18:50:06.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-21 18:50:06.400 Clock Quality: 100%  
 2014-08-21 18:50:06.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-21 18:50:06.400 Clock Phase: 0 usec. max allowed=50000  
 2014-08-21 18:50:06.400 Boom positions:  
 2014-08-21 18:50:06.400 ch1: -2 ch2: -9 ch3: 16 ch4: 20 ch5: 20 ch6: 20  
 2014-08-21 18:50:06.400 Analog Status  
 2014-08-21 18:50:06.400 Analog Positive Supply: 5.46V  
 2014-08-21 18:50:06.400 Input Voltage: 13.20V  
 2014-08-21 18:50:06.400 System Temperature: 5C  
 2014-08-21 18:50:06.400 Main Current: 62ma  
 2014-08-21 18:50:06.400 Antenna Current: 0ma  
 2014-08-21 18:50:06.400 GPS Status  
 2014-08-21 18:50:06.400 Time: 18:50:05  
 2014-08-21 18:50:06.400 Date:  
 2014-08-21 18:50:06.400 Fix Type: 1-D  
 2014-08-21 18:50:06.400 Height:  
 2014-08-21 18:50:06.400 Latitude:  
 2014-08-21 18:50:06.400 Longitude:  
 2014-08-21 18:50:06.400 On Time: 0min  
 2014-08-21 18:50:06.400 Sat. Used: 0  
 2014-08-21 18:50:06.400 In View: 0  
 2014-08-21 18:50:06.400 Checksum Errors: 0  
 2014-08-21 18:50:06.400 Last GPS timemark: 2014-08-21 18:50:04  
 2014-08-21 18:50:06.400 PLL Status  
 2014-08-21 18:50:06.400 State: Lock  
 2014-08-21 18:50:06.400 Initial VCO: 2200.103271  
 2014-08-21 18:50:06.400 Time Error: 0.000000  
 2014-08-21 18:50:06.400 RMS VCO: 0.000000  
 2014-08-21 18:50:06.400 Best VCO: 2200.12  
 2014-08-21 18:50:06.400 Seconds Since Track or Lock: 0.0  
 2014-08-21 18:50:06.400 Vco Control: 2200  
 2014-08-21 18:50:06.400 timing mode: external seascan  
 2014-08-21 18:50:06.400 tempco normal  
 2014-08-21 18:50:06.400 PLL update: 10s PLL lock criterion: 5us  
 2014-08-21 18:50:06.400 Pfrac: 150.00  
 2014-08-21 18:50:06.400 VCO slope: -0.0175000  
 2014-08-21 18:50:06.400 VCO intercept: 7.1100001  
 2014-08-21 18:50:06.400 km delta: 600.0000000  
 2014-08-21 18:50:06.400 Logical Port 4 Status  
 2014-08-21 18:50:06.400 Data Packets Sent: 13291620  
 2014-08-21 18:50:06.400 Flood Packets Sent: 0  
 2014-08-21 18:50:06.400 Packets Re-Sent: 20846  
 2014-08-21 18:50:06.400 Sequence Errors: 0  
 2014-08-21 18:50:06.400 Packet Buffer Used: 23153404  
 2014-08-21 18:50:06.400 Physical Port: Ethernet  
 2014-08-21 18:50:06.400 Baler Model: 14 Software Version: 2.28  
 2014-08-21 18:50:06.400 MAC Address: 00:04:FB:00:02:EA  
 2014-08-21 18:50:06.400 Disk Size: 20000669696  
 2014-08-21 18:50:06.400 Percent of 1177 data files in use: 26.8

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2014-08-21 18:50:06.400 Channels Enabled: 1234 Preamps ON channels:
2014-08-21 18:50:06.400 Channel Sensitivities (uV per count):
2014-08-21 18:50:06.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-21 18:50:06.400 Digitizer Calibration Results:
2014-08-21 18:50:06.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-21 18:50:06.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-21 18:50:06.400 DMU1 Software Version=10
2014-08-21 18:50:06.400 Supply Voltage=12.8
2014-08-21 18:50:06.400 Supply Current=0.41
2014-08-21 18:50:06.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-21 18:50:06.400 WebLink Data Maps Restored
2014-08-21 18:50:06.400 [2014-08-21 06:49:12.999998] sequence resumes: 11853862 to
11853862
2014-08-21 18:50:06.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-21 18:50:05
2014-08-21 18:55:48.250 Reducing Status Polling Interval
2014-08-21 18:55:48.250 [2014-08-21 18:55:47.000000] total packets received: 55804
2014-08-21 18:55:48.250 [2014-08-21 18:55:47.000000] command timeouts: 6
2014-08-21 18:55:48.250 [2014-08-21 18:55:47.000000] out of window: 58
2014-08-21 18:55:48.250 written: HHZ-1171 HH1-1496 HH2-1523 BDH-427 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-21 18:55:48.250 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-21 18:55:48.250 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-08-21 18:55:48.250 [2014-08-21 18:55:47.000000] Done: 4756 recs. seq end:
11897456. run: 338 s
2014-08-22 06:56:42.350
2014-08-22 06:56:42.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-22 06:56:42.350 Control Port 2491 Opened
2014-08-22 06:56:42.350 Baler ready on Ethernet
2014-08-22 06:56:42.350 Power Cycled Baler Acknowledged
2014-08-22 06:56:42.350 Commands Accepted by Q330
2014-08-22 06:56:42.350 Access timeout: 300 sec
2014-08-22 06:56:42.350 Control Port 4023 Opened
2014-08-22 06:56:42.350 Data Port 4024 Opened
2014-08-22 06:56:42.350 Registered with Q330
2014-08-22 06:56:42.350 Combination Record Received
2014-08-22 06:56:42.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-22 06:56:42.350 Link Reset, starting window sequence: 42115
2014-08-22 06:56:42.350 GPS Receiver ID Received
2014-08-22 06:56:42.350 Manufacturer's Data Received, Property Tag=2017
2014-08-22 06:56:42.350 Digitizer Gain & Offsets Received
2014-08-22 06:56:42.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4756 recs.
seq end: 11897456
2014-08-22 06:56:42.350 Baler clock set to 2014-08-22 06:56:41
2014-08-22 06:56:42.350 Starting to Read DP Tokens
2014-08-22 06:56:42.350 DP Tokens loaded, size=1474 bytes
2014-08-22 06:56:42.350 Webserver advertising 192.168.200.119:5380
2014-08-22 06:56:42.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-22 06:56:42.350 filters & delay HH1:2@100,Linear all=0.320000
2014-08-22 06:56:42.350 filters & delay HH2:3@100,Linear all=0.320000
2014-08-22 06:56:42.350 filters & delay BDH:4@20,Linear all=1.650000
2014-08-22 06:56:42.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-22 06:56:42.350 filters & delay LH1:2@1,Linear all=15.000000
2014-08-22 06:56:42.350 filters & delay LH2:3@1,Linear all=15.000000
2014-08-22 06:56:42.350 filters & delay LDH:4@1,Linear all=15.000000
2014-08-22 06:56:42.350 [2014-08-21 18:55:47.000000] continuity found: 11897456
461962547.000000 Q=100
2014-08-22 06:56:42.350 [2014-08-21 18:55:47.000000] restoring continuity
2014-08-22 06:56:42.350 Sending DT_OPEN
2014-08-22 06:56:42.350 Station: XX-2017
2014-08-22 06:56:42.350 Q330 Serial Number: 0100000DB18FC351
2014-08-22 06:56:42.350 AMB Serial Number: 0100000B6909DD82

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2014-08-22 06:56:42.350 Seismo 1 Serial Number: 0000000000000000  
 2014-08-22 06:56:42.350 Seismo 2 Serial Number: 0000000000000000  
 2014-08-22 06:56:42.350 QAPCHP 1 Serial Number: 4643206  
 2014-08-22 06:56:42.350 QAPCHP 2 Serial Number: 3743050  
 2014-08-22 06:56:42.350 KMI Property Tag Number: 2017  
 2014-08-22 06:56:42.350 System Software Version: 1.146  
 2014-08-22 06:56:42.350 Slave Processor Version: 1.11  
 2014-08-22 06:56:42.350 Calibrator Type: QCAL330  
 2014-08-22 06:56:42.350 Calibrator Version: 1.8  
 2014-08-22 06:56:42.350 Auxiliary Board Type: None  
 2014-08-22 06:56:42.350 Clock Type: Motorola M12  
 2014-08-22 06:56:42.350 PLD Version: 7.9  
 2014-08-22 06:56:42.350 Total Hours: 68459.43  
 2014-08-22 06:56:42.350 Power On Hours: 33089.82  
 2014-08-22 06:56:42.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-22 06:56:42.350 Total Number of Boots: 120  
 2014-08-22 06:56:42.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-22 06:56:42.350 Total Number of Re-Syncs: 213  
 2014-08-22 06:56:42.350 Status Inputs: 00000000  
 2014-08-22 06:56:42.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-22 06:56:42.350 Clock Quality: 100%  
 2014-08-22 06:56:42.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-22 06:56:42.350 Clock Phase: 0 usec. max allowed=50000  
 2014-08-22 06:56:42.350 Boom positions:  
 2014-08-22 06:56:42.350 ch1: -2 ch2: -13 ch3: 19 ch4: 20 ch5: 20 ch6: 20  
 2014-08-22 06:56:42.350 Analog Status  
 2014-08-22 06:56:42.350 Analog Positive Supply: 5.46V  
 2014-08-22 06:56:42.350 Input Voltage: 13.35V  
 2014-08-22 06:56:42.350 System Temperature: 5C  
 2014-08-22 06:56:42.350 Main Current: 62ma  
 2014-08-22 06:56:42.350 Antenna Current: 0ma  
 2014-08-22 06:56:42.350 GPS Status  
 2014-08-22 06:56:42.350 Time: 06:56:41  
 2014-08-22 06:56:42.350 Date:  
 2014-08-22 06:56:42.350 Fix Type: 1-D  
 2014-08-22 06:56:42.350 Height:  
 2014-08-22 06:56:42.350 Latitude:  
 2014-08-22 06:56:42.350 Longitude:  
 2014-08-22 06:56:42.350 On Time: 0min  
 2014-08-22 06:56:42.350 Sat. Used: 0  
 2014-08-22 06:56:42.350 In View: 0  
 2014-08-22 06:56:42.350 Checksum Errors: 0  
 2014-08-22 06:56:42.350 Last GPS timemark: 2014-08-22 06:56:40  
 2014-08-22 06:56:42.350 PLL Status  
 2014-08-22 06:56:42.350 State: Lock  
 2014-08-22 06:56:42.350 Initial VCO: 2199.854004  
 2014-08-22 06:56:42.350 Time Error: 0.000000  
 2014-08-22 06:56:42.350 RMS VCO: 0.000000  
 2014-08-22 06:56:42.350 Best VCO: 2199.87  
 2014-08-22 06:56:42.350 Seconds Since Track or Lock: 0.0  
 2014-08-22 06:56:42.350 Vco Control: 2200  
 2014-08-22 06:56:42.350 timing mode: external seascan  
 2014-08-22 06:56:42.350 tempco normal  
 2014-08-22 06:56:42.350 PLL update: 10s PLL lock criterion: 5us  
 2014-08-22 06:56:42.350 Pfrac: 150.00  
 2014-08-22 06:56:42.350 VCO slope: -0.0175000  
 2014-08-22 06:56:42.350 VCO intercept: 7.1100001  
 2014-08-22 06:56:42.350 km delta: 600.0000000  
 2014-08-22 06:56:42.350 Logical Port 4 Status  
 2014-08-22 06:56:42.350 Data Packets Sent: 13347335  
 2014-08-22 06:56:42.350 Flood Packets Sent: 0  
 2014-08-22 06:56:42.350 Packets Re-Sent: 20926  
 2014-08-22 06:56:42.350 Sequence Errors: 0

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2014-08-22 06:56:42.350 Packet Buffer Used: 22158464  
 2014-08-22 06:56:42.350 Physical Port: Ethernet  
 2014-08-22 06:56:42.350 Baler Model: 14 Software Version: 2.28  
 2014-08-22 06:56:42.350 MAC Address: 00:04:FB:00:02:EA  
 2014-08-22 06:56:42.350 Disk Size: 20000669696  
 2014-08-22 06:56:42.350 Percent of 1177 data files in use: 26.8  
 2014-08-22 06:56:42.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-22 06:56:42.350 Channel Sensitivities (uV per count):  
 2014-08-22 06:56:42.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-22 06:56:42.350 Digitizer Calibration Results:  
 2014-08-22 06:56:42.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-22 06:56:42.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-22 06:56:42.350 DMU1 Software Version=10  
 2014-08-22 06:56:42.350 Supply Voltage=12.7  
 2014-08-22 06:56:42.350 Supply Current=0.41  
 2014-08-22 06:56:42.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-22 06:56:42.350 webLink Data Maps Restored  
 2014-08-22 06:56:42.350 [2014-08-21 18:55:47.000000] sequence resumes: 11897456 to  
 11897456  
 2014-08-22 06:56:42.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-22 06:56:41  
 2014-08-22 06:58:59.830 [2014-08-22 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-08-22 07:02:20.150 Reducing Status Polling Interval  
 2014-08-22 07:02:20.150 [2014-08-22 07:02:18.999998] total packets received: 48306  
 2014-08-22 07:02:20.150 [2014-08-22 07:02:18.999998] command timeouts: 6  
 2014-08-22 07:02:20.150 [2014-08-22 07:02:18.999998] out of window: 82  
 2014-08-22 07:02:20.150 written: HHZ-1149 HH1-1396 HH2-1412 BDH-417 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-08-22 07:02:20.150 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-08-22 07:02:20.150 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-08-22 07:02:20.150 [2014-08-22 07:02:18.999998] Done: 4511 recs. seq end:  
 11941048. run: 333 s  
 2014-08-22 19:03:13.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-22 19:03:13.420 Control Port 2491 Opened  
 2014-08-22 19:03:13.420 Baler ready on Ethernet  
 2014-08-22 19:03:13.420 Power Cycled Baler Acknowledged  
 2014-08-22 19:03:13.420 Commands Accepted by Q330  
 2014-08-22 19:03:13.420 Access timeout: 300 sec  
 2014-08-22 19:03:13.420 Control Port 4023 Opened  
 2014-08-22 19:03:13.420 Data Port 4024 Opened  
 2014-08-22 19:03:13.420 Registered with Q330  
 2014-08-22 19:03:13.420 Combination Record Received  
 2014-08-22 19:03:13.420 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-22 19:03:13.420 Link Reset, starting window sequence: 24767  
 2014-08-22 19:03:13.420 GPS Receiver ID Received  
 2014-08-22 19:03:13.420 Manufacturer's Data Received, Property Tag=2017  
 2014-08-22 19:03:13.420 Digitizer Gain & Offsets Received  
 2014-08-22 19:03:13.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4511 recs.  
 seq end: 11941048  
 2014-08-22 19:03:13.420 Baler clock set to 2014-08-22 19:03:12  
 2014-08-22 19:03:13.420 Starting to Read DP Tokens  
 2014-08-22 19:03:13.420 DP Tokens loaded, size=1474 bytes  
 2014-08-22 19:03:13.420 webserver advertising 192.168.200.119:5380  
 2014-08-22 19:03:13.420 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-22 19:03:13.420 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-22 19:03:13.420 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-22 19:03:13.420 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-22 19:03:13.420 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-22 19:03:13.420 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-22 19:03:13.420 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-22 19:03:13.420 filters & delay LDH:4@1,Linear all=15.000000



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2014-08-22 19:03:13.420 [2014-08-22 07:02:18.999998] continuity found: 11941048  
 462006139.000000 Q=100  
 2014-08-22 19:03:13.420 [2014-08-22 07:02:18.999998] restoring continuity  
 2014-08-22 19:03:13.420 Sending DT\_OPEN  
 2014-08-22 19:03:13.420 Station: XX-2017  
 2014-08-22 19:03:13.420 Q330 Serial Number: 0100000DB18FC351  
 2014-08-22 19:03:13.420 AMB Serial Number: 0100000B6909DD82  
 2014-08-22 19:03:13.420 Seismo 1 Serial Number: 0000000000000000  
 2014-08-22 19:03:13.420 Seismo 2 Serial Number: 0000000000000000  
 2014-08-22 19:03:13.420 QAPCHP 1 Serial Number: 4643206  
 2014-08-22 19:03:13.420 QAPCHP 2 Serial Number: 3743050  
 2014-08-22 19:03:13.420 KMI Property Tag Number: 2017  
 2014-08-22 19:03:13.420 System Software Version: 1.146  
 2014-08-22 19:03:13.420 Slave Processor Version: 1.11  
 2014-08-22 19:03:13.420 Calibrator Type: QCAL330  
 2014-08-22 19:03:13.420 Calibrator Version: 1.8  
 2014-08-22 19:03:13.420 Auxiliary Board Type: None  
 2014-08-22 19:03:13.420 Clock Type: Motorola M12  
 2014-08-22 19:03:13.420 PLD Version: 7.9  
 2014-08-22 19:03:13.420 Total Hours: 68471.54  
 2014-08-22 19:03:13.420 Power On Hours: 33101.93  
 2014-08-22 19:03:13.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-22 19:03:13.420 Total Number of Boots: 120  
 2014-08-22 19:03:13.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-22 19:03:13.420 Total Number of Re-Syncs: 213  
 2014-08-22 19:03:13.420 Status Inputs: 00000000  
 2014-08-22 19:03:13.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-22 19:03:13.420 Clock Quality: 100%  
 2014-08-22 19:03:13.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-22 19:03:13.420 Clock Phase: 0 usec. max allowed=50000  
 2014-08-22 19:03:13.420 Boom positions:  
 2014-08-22 19:03:13.420 Ch1: -2 Ch2: -16 Ch3: 20 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-08-22 19:03:13.420 Analog Status  
 2014-08-22 19:03:13.420 Analog Positive Supply: 5.46V  
 2014-08-22 19:03:13.420 Input Voltage: 13.35V  
 2014-08-22 19:03:13.420 System Temperature: 5C  
 2014-08-22 19:03:13.420 Main Current: 62ma  
 2014-08-22 19:03:13.420 Antenna Current: 0ma  
 2014-08-22 19:03:13.420 GPS Status  
 2014-08-22 19:03:13.420 Time: 19:03:12  
 2014-08-22 19:03:13.420 Date:  
 2014-08-22 19:03:13.420 Fix Type: 1-D  
 2014-08-22 19:03:13.420 Height:  
 2014-08-22 19:03:13.420 Latitude:  
 2014-08-22 19:03:13.420 Longitude:  
 2014-08-22 19:03:13.420 On Time: 0min  
 2014-08-22 19:03:13.420 Sat. Used: 0  
 2014-08-22 19:03:13.420 In View: 0  
 2014-08-22 19:03:13.420 Checksum Errors: 0  
 2014-08-22 19:03:13.420 Last GPS timemark: 2014-08-22 19:03:11  
 2014-08-22 19:03:13.420 PLL Status  
 2014-08-22 19:03:13.420 State: Lock  
 2014-08-22 19:03:13.420 Initial VCO: 2199.999756  
 2014-08-22 19:03:13.420 Time Error: 0.000000  
 2014-08-22 19:03:13.420 RMS VCO: 0.0000000  
 2014-08-22 19:03:13.420 Best VCO: 2200.00  
 2014-08-22 19:03:13.420 Seconds Since Track or Lock: 0.0  
 2014-08-22 19:03:13.420 Vco Control: 2200  
 2014-08-22 19:03:13.420 timing mode: external seascan  
 2014-08-22 19:03:13.420 tempco normal  
 2014-08-22 19:03:13.420 PLL update: 10s PLL lock criterion: 5us  
 2014-08-22 19:03:13.420 Pfrac: 150.00  
 2014-08-22 19:03:13.420 VCO slope: -0.0175000

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2014-08-22 19:03:13.420 VCO intercept: 7.1100001
2014-08-22 19:03:13.420 Km delta: 600.0000000
2014-08-22 19:03:13.420 Logical Port 4 Status
2014-08-22 19:03:13.420 Data Packets Sent: 13395528
2014-08-22 19:03:13.420 Flood Packets Sent: 0
2014-08-22 19:03:13.420 Packets Re-Sent: 21023
2014-08-22 19:03:13.420 Sequence Errors: 0
2014-08-22 19:03:13.420 Packet Buffer Used: 21178008
2014-08-22 19:03:13.420 Physical Port: Ethernet
2014-08-22 19:03:13.420 Baler Model: 14   Software Version: 2.28
2014-08-22 19:03:13.420 MAC Address: 00:04:FB:00:02:EA
2014-08-22 19:03:13.420 Disk Size: 20000669696
2014-08-22 19:03:13.420 Percent of 1177 data files in use: 26.8
2014-08-22 19:03:13.420 Channels Enabled: 1234   Preamps ON channels:
2014-08-22 19:03:13.420 Channel Sensitivities (uV per count):
2014-08-22 19:03:13.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-22 19:03:13.420 Digitizer Calibration Results:
2014-08-22 19:03:13.420 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-08-22 19:03:13.420 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-08-22 19:03:13.420 DMU1 Software Version=10
2014-08-22 19:03:13.420 Supply Voltage=12.7
2014-08-22 19:03:13.420 Supply Current=0.40
2014-08-22 19:03:13.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-22 19:03:13.420 WebLink Data Maps Restored
2014-08-22 19:03:13.420 [2014-08-22 07:02:18.999998] sequence resumes: 11941048 to
11941048
2014-08-22 19:03:13.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-22 19:03:12
2014-08-22 19:08:28.310 Reducing Status Polling Interval
2014-08-22 19:08:28.310 [2014-08-22 19:08:26.999998] total packets received: 44060
2014-08-22 19:08:28.310 [2014-08-22 19:08:26.999998] command timeouts: 6
2014-08-22 19:08:28.310 [2014-08-22 19:08:26.999998] out of window: 56
2014-08-22 19:08:28.310 written: HHZ-1105 HH1-1267 HH2-1344 BDH-420 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-22 19:08:28.310 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-22 19:08:28.310 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-22 19:08:28.310 [2014-08-22 19:08:26.999998] Done: 4277 recs. seq end:
11984616. run: 311 s
2014-08-23 07:09:22.410
2014-08-23 07:09:22.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-23 07:09:22.410 Control Port 2491 Opened
2014-08-23 07:09:22.410 Baler ready on Ethernet
2014-08-23 07:09:22.410 Power Cycled Baler Acknowledged
2014-08-23 07:09:22.410 Commands Accepted by Q330
2014-08-23 07:09:22.410 Access timeout: 300 sec
2014-08-23 07:09:22.410 Control Port 4023 Opened
2014-08-23 07:09:22.410 Data Port 4024 Opened
2014-08-23 07:09:22.410 Registered with Q330
2014-08-23 07:09:22.410 Combination Record Received
2014-08-23 07:09:22.410 Window=4   Min. Timeout=10   Max. Timeout=30
2014-08-23 07:09:22.410 Link Reset, starting window sequence: 3200
2014-08-23 07:09:22.410 GPS Receiver ID Received
2014-08-23 07:09:22.410 Manufacturer's Data Received, Property Tag=2017
2014-08-23 07:09:22.410 Digitizer Gain & Offsets Received
2014-08-23 07:09:22.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4277 recs.
seq end: 11984616
2014-08-23 07:09:22.410 Baler clock set to 2014-08-23 07:09:21
2014-08-23 07:09:22.410 Starting to Read DP Tokens
2014-08-23 07:09:22.410 DP Tokens loaded, size=1474 bytes
2014-08-23 07:09:22.410 webserver advertising 192.168.200.119:5380
2014-08-23 07:09:22.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-23 07:09:22.410 filters & delay HH1:2@100,Linear all=0.320000

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2014-08-23 07:09:22.410 filters & delay HH2:3@100,Linear all=0.320000
2014-08-23 07:09:22.410 filters & delay BDH:4@20,Linear all=1.650000
2014-08-23 07:09:22.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-23 07:09:22.410 filters & delay LH1:2@1,Linear all=15.000000
2014-08-23 07:09:22.410 filters & delay LH2:3@1,Linear all=15.000000
2014-08-23 07:09:22.410 filters & delay LDH:4@1,Linear all=15.000000
2014-08-23 07:09:22.410 [2014-08-22 19:08:26.999998] continuity found: 11984616
462049707.000000 Q=100
2014-08-23 07:09:22.410 [2014-08-22 19:08:26.999998] restoring continuity
2014-08-23 07:09:22.410 Sending DT_OPEN
2014-08-23 07:09:22.410 Station: XX-2017
2014-08-23 07:09:22.410 Q330 Serial Number: 0100000DB18FC351
2014-08-23 07:09:22.410 AMB Serial Number: 0100000B6909DD82
2014-08-23 07:09:22.410 Seismo 1 Serial Number: 0000000000000000
2014-08-23 07:09:22.410 Seismo 2 Serial Number: 0000000000000000
2014-08-23 07:09:22.410 QAPCHP 1 Serial Number: 4643206
2014-08-23 07:09:22.410 QAPCHP 2 Serial Number: 3743050
2014-08-23 07:09:22.410 KMI Property Tag Number: 2017
2014-08-23 07:09:22.410 System Software Version: 1.146
2014-08-23 07:09:22.410 Slave Processor Version: 1.11
2014-08-23 07:09:22.410 Calibrator Type: QCAL330
2014-08-23 07:09:22.410 Calibrator Version: 1.8
2014-08-23 07:09:22.410 Auxiliary Board Type: None
2014-08-23 07:09:22.410 Clock Type: Motorola M12
2014-08-23 07:09:22.410 PLD Version: 7.9
2014-08-23 07:09:22.410 Total Hours: 68483.65
2014-08-23 07:09:22.410 Power On Hours: 33114.03
2014-08-23 07:09:22.410 Time of Last Boot: 2014-04-06 02:03:58
2014-08-23 07:09:22.410 Total Number of Boots: 120
2014-08-23 07:09:22.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-23 07:09:22.410 Total Number of Re-Syncs: 213
2014-08-23 07:09:22.410 Status Inputs: 00000000
2014-08-23 07:09:22.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-08-23 07:09:22.410 Clock Quality: 100%
2014-08-23 07:09:22.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-23 07:09:22.410 Clock Phase: 0 usec. max allowed=50000
2014-08-23 07:09:22.410 Boom positions:
2014-08-23 07:09:22.410 Ch1: -2 Ch2: -20 Ch3: 23 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-23 07:09:22.410 Analog Status
2014-08-23 07:09:22.410 Analog Positive Supply: 5.46V
2014-08-23 07:09:22.410 Input Voltage: 13.35V
2014-08-23 07:09:22.410 System Temperature: 5C
2014-08-23 07:09:22.410 Main Current: 61ma
2014-08-23 07:09:22.410 Antenna Current: 0ma
2014-08-23 07:09:22.410 GPS Status
2014-08-23 07:09:22.410 Time: 07:09:21
2014-08-23 07:09:22.410 Date:
2014-08-23 07:09:22.410 Fix Type: 1-D
2014-08-23 07:09:22.410 Height:
2014-08-23 07:09:22.410 Latitude:
2014-08-23 07:09:22.410 Longitude:
2014-08-23 07:09:22.410 On Time: 0min
2014-08-23 07:09:22.410 Sat. Used: 0
2014-08-23 07:09:22.410 In View: 0
2014-08-23 07:09:22.410 Checksum Errors: 0
2014-08-23 07:09:22.410 Last GPS timemark: 2014-08-23 07:09:20
2014-08-23 07:09:22.410 PLL Status
2014-08-23 07:09:22.410 State: Lock
2014-08-23 07:09:22.410 Initial VCO: 2199.997314
2014-08-23 07:09:22.410 RMS VCO: 0.0000000
2014-08-23 07:09:22.410 Best VCO: 2200.00
2014-08-23 07:09:22.410 Seconds Since Track or Lock: 0.0
2014-08-23 07:09:22.410 vco control: 2200

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2014-08-23 07:09:22.410 timing mode: external seascan  
 2014-08-23 07:09:22.410 tempco normal  
 2014-08-23 07:09:22.410 PLL update: 10s PLL lock criterion: 5us  
 2014-08-23 07:09:22.410 Pfrac: 150.00  
 2014-08-23 07:09:22.410 VCO slope: -0.0175000  
 2014-08-23 07:09:22.410 VCO intercept: 7.1100001  
 2014-08-23 07:09:22.410 km delta: 600.0000000  
 2014-08-23 07:09:22.410 Logical Port 4 Status  
 2014-08-23 07:09:22.410 Data Packets Sent: 13439502  
 2014-08-23 07:09:22.410 Flood Packets Sent: 0  
 2014-08-23 07:09:22.410 Packets Re-Sent: 21092  
 2014-08-23 07:09:22.410 Sequence Errors: 0  
 2014-08-23 07:09:22.410 Packet Buffer Used: 21604324  
 2014-08-23 07:09:22.410 Physical Port: Ethernet  
 2014-08-23 07:09:22.410 Baler Model: 14 Software Version: 2.28  
 2014-08-23 07:09:22.410 MAC Address: 00:04:FB:00:02:EA  
 2014-08-23 07:09:22.410 Disk Size: 20000669696  
 2014-08-23 07:09:22.410 Percent of 1177 data files in use: 27.1  
 2014-08-23 07:09:22.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-23 07:09:22.410 Channel Sensitivities (uV per count):  
 2014-08-23 07:09:22.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-23 07:09:22.410 Digitizer Calibration Results:  
 2014-08-23 07:09:22.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-23 07:09:22.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-23 07:09:22.410 DMU1 Software Version=10  
 2014-08-23 07:09:22.410 Supply Voltage=12.7  
 2014-08-23 07:09:22.410 Supply Current=0.41  
 2014-08-23 07:09:22.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-23 07:09:22.410 webLink Data Maps Restored  
 2014-08-23 07:09:22.410 [2014-08-22 19:08:26.999998] sequence resumes: 11984616 to  
 11984616  
 2014-08-23 07:09:22.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-23 07:09:21  
 2014-08-23 07:11:31.650 [2014-08-23 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-08-23 07:14:50.150 Reducing Status Polling Interval  
 2014-08-23 07:14:50.150 [2014-08-23 07:14:49.999998] total packets received: 44489  
 2014-08-23 07:14:50.150 [2014-08-23 07:14:49.999998] command timeouts: 6  
 2014-08-23 07:14:50.150 [2014-08-23 07:14:49.999998] out of window: 77  
 2014-08-23 07:14:50.150 written: HHZ-1120 HH1-1325 HH2-1370 BDH-426 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-08-23 07:14:50.150 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-25 LH2-25 LDH-24  
 VMZ-2 VM1-2  
 2014-08-23 07:14:50.150 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-08-23 07:14:50.150 [2014-08-23 07:14:49.999998] Done: 4383 recs. seq end:  
 12028199. run: 323 s  
 2014-08-23 19:15:43.380  
 2014-08-23 19:15:43.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-23 19:15:43.380 Control Port 2491 Opened  
 2014-08-23 19:15:43.380 Baler ready on Ethernet  
 2014-08-23 19:15:43.380 Power Cycled Baler Acknowledged  
 2014-08-23 19:15:43.380 Commands Accepted by Q330  
 2014-08-23 19:15:43.380 Access timeout: 300 sec  
 2014-08-23 19:15:43.380 Control Port 4023 Opened  
 2014-08-23 19:15:43.380 Data Port 4024 Opened  
 2014-08-23 19:15:43.380 Registered with Q330  
 2014-08-23 19:15:43.380 Combination Record Received  
 2014-08-23 19:15:43.380 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-23 19:15:43.380 Link Reset, starting window sequence: 47577  
 2014-08-23 19:15:43.380 GPS Receiver ID Received  
 2014-08-23 19:15:43.380 Manufacturer's Data Received, Property Tag=2017  
 2014-08-23 19:15:43.380 Digitizer Gain & Offsets Received  
 2014-08-23 19:15:43.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4383 recs.

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```
seq end: 12028199
2014-08-23 19:15:43.380 Baler clock set to 2014-08-23 19:15:42
2014-08-23 19:15:43.380 Starting to Read DP Tokens
2014-08-23 19:15:43.380 DP Tokens loaded, size=1474 bytes
2014-08-23 19:15:43.380 webserver advertising 192.168.200.119:5380
2014-08-23 19:15:43.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-23 19:15:43.380 filters & delay HH1:2@100,Linear all=0.320000
2014-08-23 19:15:43.380 filters & delay HH2:3@100,Linear all=0.320000
2014-08-23 19:15:43.380 filters & delay BDH:4@20,Linear all=1.650000
2014-08-23 19:15:43.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-23 19:15:43.380 filters & delay LH1:2@1,Linear all=15.000000
2014-08-23 19:15:43.380 filters & delay LH2:3@1,Linear all=15.000000
2014-08-23 19:15:43.380 filters & delay LDH:4@1,Linear all=15.000000
2014-08-23 19:15:43.380 [2014-08-23 07:14:49.999998] continuity found: 12028199
462093290.000000 Q=100
2014-08-23 19:15:43.380 [2014-08-23 07:14:49.999998] restoring continuity
2014-08-23 19:15:43.380 Sending DT_OPEN
2014-08-23 19:15:43.380 Station: XX-2017
2014-08-23 19:15:43.380 Q330 Serial Number: 0100000DB18FC351
2014-08-23 19:15:43.380 AMB Serial Number: 0100000B6909DD82
2014-08-23 19:15:43.380 Seismo 1 Serial Number: 0000000000000000
2014-08-23 19:15:43.380 Seismo 2 Serial Number: 0000000000000000
2014-08-23 19:15:43.380 QAPCHP 1 Serial Number: 4643206
2014-08-23 19:15:43.380 QAPCHP 2 Serial Number: 3743050
2014-08-23 19:15:43.380 KMI Property Tag Number: 2017
2014-08-23 19:15:43.380 System Software Version: 1.146
2014-08-23 19:15:43.380 Slave Processor Version: 1.11
2014-08-23 19:15:43.380 Calibrator Type: QCAL330
2014-08-23 19:15:43.380 Calibrator Version: 1.8
2014-08-23 19:15:43.380 Auxiliary Board Type: None
2014-08-23 19:15:43.380 Clock Type: Motorola M12
2014-08-23 19:15:43.380 PLD Version: 7.9
2014-08-23 19:15:43.380 Total Hours: 68495.75
2014-08-23 19:15:43.380 Power On Hours: 33126.14
2014-08-23 19:15:43.380 Time of Last Boot: 2014-04-06 02:03:58
2014-08-23 19:15:43.380 Total Number of Boots: 120
2014-08-23 19:15:43.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-23 19:15:43.380 Total Number of Re-Syncs: 213
2014-08-23 19:15:43.380 Status Inputs: 00000000
2014-08-23 19:15:43.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-23 19:15:43.380 Clock Quality: 100%
2014-08-23 19:15:43.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-23 19:15:43.380 Clock Phase: 0 usec. max allowed=50000
2014-08-23 19:15:43.380 Boom positions:
2014-08-23 19:15:43.380 Ch1: -2 Ch2: 3 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-23 19:15:43.380 Analog Status
2014-08-23 19:15:43.380 Analog Positive Supply: 5.46V
2014-08-23 19:15:43.380 Input Voltage: 13.35V
2014-08-23 19:15:43.380 System Temperature: 5C
2014-08-23 19:15:43.380 Main Current: 61ma
2014-08-23 19:15:43.380 Antenna Current: 0ma
2014-08-23 19:15:43.380 GPS Status
2014-08-23 19:15:43.380 Time: 19:15:42
2014-08-23 19:15:43.380 Date:
2014-08-23 19:15:43.380 Fix Type: 1-D
2014-08-23 19:15:43.380 Height:
2014-08-23 19:15:43.380 Latitude:
2014-08-23 19:15:43.380 Longitude:
2014-08-23 19:15:43.380 On Time: 0min
2014-08-23 19:15:43.380 Sat. Used: 0
2014-08-23 19:15:43.380 In View: 0
2014-08-23 19:15:43.380 Checksum Errors: 0
2014-08-23 19:15:43.380 Last GPS timemark: 2014-08-23 19:15:41
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2014-08-23 19:15:43.380 PLL Status  
 2014-08-23 19:15:43.380 State: Lock  
 2014-08-23 19:15:43.380 Initial VCO: 2199.954590  
 2014-08-23 19:15:43.380 Time Error: 0.000000  
 2014-08-23 19:15:43.380 RMS VCO: 0.000000  
 2014-08-23 19:15:43.380 Best VCO: 2199.97  
 2014-08-23 19:15:43.380 Seconds Since Track or Lock: 0.0  
 2014-08-23 19:15:43.380 Vco Control: 2200  
 2014-08-23 19:15:43.380 timing mode: external seascan  
 2014-08-23 19:15:43.380 tempco normal  
 2014-08-23 19:15:43.380 PLL update: 10s PLL lock criterion: 5us  
 2014-08-23 19:15:43.380 Pfrac: 150.00  
 2014-08-23 19:15:43.380 VCO slope: -0.0175000  
 2014-08-23 19:15:43.380 VCO intercept: 7.1100001  
 2014-08-23 19:15:43.380 km delta: 600.000000  
 2014-08-23 19:15:43.380 Logical Port 4 Status  
 2014-08-23 19:15:43.380 Data Packets Sent: 13483884  
 2014-08-23 19:15:43.380 Flood Packets Sent: 0  
 2014-08-23 19:15:43.380 Packets Re-Sent: 21183  
 2014-08-23 19:15:43.380 Sequence Errors: 0  
 2014-08-23 19:15:43.380 Packet Buffer Used: 22364500  
 2014-08-23 19:15:43.380 Physical Port: Ethernet  
 2014-08-23 19:15:43.380 Baler Model: 14 Software Version: 2.28  
 2014-08-23 19:15:43.380 MAC Address: 00:04:FB:00:02:EA  
 2014-08-23 19:15:43.380 Disk Size: 20000669696  
 2014-08-23 19:15:43.380 Percent of 1177 data files in use: 27.1  
 2014-08-23 19:15:43.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-23 19:15:43.380 Channel Sensitivities (uV per count):  
 2014-08-23 19:15:43.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-23 19:15:43.380 Digitizer Calibration Results:  
 2014-08-23 19:15:43.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-23 19:15:43.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-23 19:15:43.380 DMU1 Software Version=10  
 2014-08-23 19:15:43.380 Supply Voltage=12.8  
 2014-08-23 19:15:43.380 Supply Current=0.41  
 2014-08-23 19:15:43.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-23 19:15:43.380 webLink Data Maps Restored  
 2014-08-23 19:15:43.380 [2014-08-23 07:14:49.999998] sequence resumes: 12028199 to 12028199  
 2014-08-23 19:15:43.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-23 19:15:42  
 2014-08-23 19:21:24.740 Reducing Status Polling Interval  
 2014-08-23 19:21:24.740 [2014-08-23 19:21:23.999998] total packets received: 52833  
 2014-08-23 19:21:24.740 [2014-08-23 19:21:23.999998] command timeouts: 6  
 2014-08-23 19:21:24.740 [2014-08-23 19:21:23.999998] out of window: 75  
 2014-08-23 19:21:24.740 written: HHZ-1156 HH1-1413 HH2-1413 BDH-434 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-08-23 19:21:24.740 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-08-23 19:21:24.740 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-23 19:21:24.740 [2014-08-23 19:21:23.999998] Done: 4550 recs. seq end: 12071793. run: 337 s  
 2014-08-24 07:22:18.400  
 2014-08-24 07:22:18.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-24 07:22:18.400 Control Port 2491 Opened  
 2014-08-24 07:22:18.400 Baler ready on Ethernet  
 2014-08-24 07:22:18.400 Power Cycled Baler Acknowledged  
 2014-08-24 07:22:18.400 Commands Accepted by Q330  
 2014-08-24 07:22:18.400 Access timeout: 300 sec  
 2014-08-24 07:22:18.400 Control Port 4023 Opened  
 2014-08-24 07:22:18.400 Data Port 4024 Opened  
 2014-08-24 07:22:18.400 Registered with Q330  
 2014-08-24 07:22:18.400 Combination Record Received

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2014-08-24 07:22:18.400 window=4   Min. Timeout=10   Max. Timeout=30
2014-08-24 07:22:18.400 Link Reset, starting window sequence: 34763
2014-08-24 07:22:18.400 GPS Receiver ID Received
2014-08-24 07:22:18.400 Manufacturer's Data Received, Property Tag=2017
2014-08-24 07:22:18.400 Digitizer Gain & Offsets Received
2014-08-24 07:22:18.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4550 recs.
seq end: 12071793
2014-08-24 07:22:18.400 Baler clock set to 2014-08-24 07:22:17
2014-08-24 07:22:18.400 Starting to Read DP Tokens
2014-08-24 07:22:18.400 DP Tokens loaded, size=1474 bytes
2014-08-24 07:22:18.400 webserver advertising 192.168.200.119:5380
2014-08-24 07:22:18.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-24 07:22:18.400 filters & delay HH1:2@100,Linear all=0.320000
2014-08-24 07:22:18.400 filters & delay HH2:3@100,Linear all=0.320000
2014-08-24 07:22:18.400 filters & delay BDH:4@20,Linear all=1.650000
2014-08-24 07:22:18.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-24 07:22:18.400 filters & delay LH1:2@1,Linear all=15.000000
2014-08-24 07:22:18.400 filters & delay LH2:3@1,Linear all=15.000000
2014-08-24 07:22:18.400 filters & delay LDH:4@1,Linear all=15.000000
2014-08-24 07:22:18.400 [2014-08-23 19:21:23.999998] continuity found: 12071793
462136884.000000 Q=100
2014-08-24 07:22:18.400 Sending DT_OPEN
2014-08-24 07:22:18.400 Station: XX-2017
2014-08-24 07:22:18.400 Q330 Serial Number: 0100000DB18FC351
2014-08-24 07:22:18.400 AMB Serial Number: 0100000B6909DD82
2014-08-24 07:22:18.400 Seismo 1 Serial Number: 0000000000000000
2014-08-24 07:22:18.400 Seismo 2 Serial Number: 0000000000000000
2014-08-24 07:22:18.400 QAPCHP 1 Serial Number: 4643206
2014-08-24 07:22:18.400 QAPCHP 2 Serial Number: 3743050
2014-08-24 07:22:18.400 KMI Property Tag Number: 2017
2014-08-24 07:22:18.400 System Software Version: 1.146
2014-08-24 07:22:18.400 Slave Processor Version: 1.11
2014-08-24 07:22:18.400 Calibrator Type: QCAL330
2014-08-24 07:22:18.400 Calibrator Version: 1.8
2014-08-24 07:22:18.400 Auxiliary Board Type: None
2014-08-24 07:22:18.400 Clock Type: Motorola M12
2014-08-24 07:22:18.400 PLD Version: 7.9
2014-08-24 07:22:18.400 Total Hours: 68507.86
2014-08-24 07:22:18.400 Power On Hours: 33138.25
2014-08-24 07:22:18.400 Time of Last Boot: 2014-04-06 02:03:58
2014-08-24 07:22:18.400 Total Number of Boots: 120
2014-08-24 07:22:18.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-24 07:22:18.400 Total Number of Re-Syncs: 213
2014-08-24 07:22:18.400 Status Inputs: 00000000
2014-08-24 07:22:18.400 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: off
2014-08-24 07:22:18.400 Clock Quality: 100%
2014-08-24 07:22:18.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-24 07:22:18.400 Clock Phase: 0 usec. max allowed=50000
2014-08-24 07:22:18.400 Boom positions:
2014-08-24 07:22:18.400 Ch1: -2 Ch2: -1 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-24 07:22:18.400 Analog Status
2014-08-24 07:22:18.400 Analog Positive Supply: 5.46V
2014-08-24 07:22:18.400 Input Voltage: 13.35V
2014-08-24 07:22:18.400 System Temperature: 5C
2014-08-24 07:22:18.400 Main Current: 62ma
2014-08-24 07:22:18.400 Antenna Current: Oma
2014-08-24 07:22:18.400 GPS Status
2014-08-24 07:22:18.400 Time: 07:22:17
2014-08-24 07:22:18.400 Date:
2014-08-24 07:22:18.400 Fix Type: 1-D
2014-08-24 07:22:18.400 Height:
2014-08-24 07:22:18.400 Latitude:
2014-08-24 07:22:18.400 Longitude:

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2014-08-24 07:22:18.400 On Time: 0min
2014-08-24 07:22:18.400 Sat. Used: 0
2014-08-24 07:22:18.400 In View: 0
2014-08-24 07:22:18.400 Checksum Errors: 0
2014-08-24 07:22:18.400 Last GPS timemark: 2014-08-24 07:22:16
2014-08-24 07:22:18.400 PLL Status
2014-08-24 07:22:18.400 State: Lock
2014-08-24 07:22:18.400 Initial VCO: 2200.000000
2014-08-24 07:22:18.400 Time Error: 0.000000
2014-08-24 07:22:18.400 RMS VCO: 0.000000
2014-08-24 07:22:18.400 Best VCO: 2200.00
2014-08-24 07:22:18.400 Seconds Since Track or Lock: 0.0
2014-08-24 07:22:18.400 Vco Control: 2200
2014-08-24 07:22:18.400 timing mode: external seascan
2014-08-24 07:22:18.400 tempco normal
2014-08-24 07:22:18.400 PLL update: 10s PLL lock criterion: 5us
2014-08-24 07:22:18.400 Pfrac: 150.00
2014-08-24 07:22:18.400 VCO slope: -0.0175000
2014-08-24 07:22:18.400 VCO intercept: 7.1100001
2014-08-24 07:22:18.400 Km delta: 600.0000000
2014-08-24 07:22:18.400 Logical Port 4 Status
2014-08-24 07:22:18.400 Data Packets Sent: 13536611
2014-08-24 07:22:18.400 Flood Packets Sent: 0
2014-08-24 07:22:18.400 Packets Re-Sent: 21275
2014-08-24 07:22:18.400 Sequence Errors: 0
2014-08-24 07:22:18.400 Packet Buffer Used: 22624352
2014-08-24 07:22:18.400 Physical Port: Ethernet
2014-08-24 07:22:18.400 Baler Model: 14 Software Version: 2.28
2014-08-24 07:22:18.400 MAC Address: 00:04:FB:00:02:EA
2014-08-24 07:22:18.400 Disk Size: 20000669696
2014-08-24 07:22:18.400 Percent of 1177 data files in use: 27.1
2014-08-24 07:22:18.400 Channels Enabled: 1234 Preamps ON channels:
2014-08-24 07:22:18.400 Channel Sensitivities (uV per count):
2014-08-24 07:22:18.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-24 07:22:18.400 Digitizer Calibration Results:
2014-08-24 07:22:18.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-24 07:22:18.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-24 07:22:18.400 DMU1 Software Version=10
2014-08-24 07:22:18.400 Supply Voltage=12.7
2014-08-24 07:22:18.400 Supply Current=0.41
2014-08-24 07:22:18.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-24 07:22:18.400 WebLink Data Maps Restored
2014-08-24 07:22:18.400 [2014-08-23 19:21:23.999998] sequence resumes: 12071793 to
12071793
2014-08-24 07:22:18.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-24 07:22:17
2014-08-24 07:24:27.480 [2014-08-24 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-24 07:27:59.320 Reducing Status Polling Interval
2014-08-24 07:27:59.320 [2014-08-24 07:27:57.999998] total packets received: 46095
2014-08-24 07:27:59.320 [2014-08-24 07:27:57.999998] command timeouts: 6
2014-08-24 07:27:59.320 [2014-08-24 07:27:57.999998] out of window: 78
2014-08-24 07:27:59.320 written: HHZ-1166 HH1-1444 HH2-1430 BDH-445 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-08-24 07:27:59.320 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-24 07:27:59.320 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-24 07:27:59.320 [2014-08-24 07:27:57.999998] Done: 4625 recs. seq end:
12115387. run: 335 s
2014-08-24 19:28:51.390
2014-08-24 19:28:51.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-24 19:28:51.390 Control Port 2491 Opened
2014-08-24 19:28:51.390 Baler ready on Ethernet

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2014-08-24 19:28:51.390 Power Cycled Baler Acknowledged
2014-08-24 19:28:51.390 Commands Accepted by Q330
2014-08-24 19:28:51.390 Access timeout: 300 sec
2014-08-24 19:28:51.390 Control Port 4023 Opened
2014-08-24 19:28:51.390 Data Port 4024 Opened
2014-08-24 19:28:51.390 Registered with Q330
2014-08-24 19:28:51.390 Combination Record Received
2014-08-24 19:28:51.390 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-24 19:28:51.390 Link Reset, starting window sequence: 15208
2014-08-24 19:28:51.390 GPS Receiver ID Received
2014-08-24 19:28:51.390 Manufacturer's Data Received, Property Tag=2017
2014-08-24 19:28:51.390 Digitizer Gain & Offsets Received
2014-08-24 19:28:51.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4625 recs.
seq end: 12115387
2014-08-24 19:28:51.390 Baler clock set to 2014-08-24 19:28:50
2014-08-24 19:28:51.390 Starting to Read DP Tokens
2014-08-24 19:28:51.390 DP Tokens loaded, size=1474 bytes
2014-08-24 19:28:51.390 Webserver advertising 192.168.200.119:5380
2014-08-24 19:28:51.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-24 19:28:51.390 filters & delay HH1:2@100,Linear all=0.320000
2014-08-24 19:28:51.390 filters & delay HH2:3@100,Linear all=0.320000
2014-08-24 19:28:51.390 filters & delay BDH:4@20,Linear all=1.650000
2014-08-24 19:28:51.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-24 19:28:51.390 filters & delay LH1:2@1,Linear all=15.000000
2014-08-24 19:28:51.390 filters & delay LH2:3@1,Linear all=15.000000
2014-08-24 19:28:51.390 filters & delay LDH:4@1,Linear all=15.000000
2014-08-24 19:28:51.390 [2014-08-24 07:27:57.999998] continuity found: 12115387
462180478.000000 Q=100
2014-08-24 19:28:51.390 [2014-08-24 07:27:57.999998] restoring continuity
2014-08-24 19:28:51.390 Sending DT_OPEN
2014-08-24 19:28:51.390 Station: XX-2017
2014-08-24 19:28:51.390 Q330 Serial Number: 0100000DB18FC351
2014-08-24 19:28:51.390 AMB Serial Number: 0100000B6909DD82
2014-08-24 19:28:51.390 Seismo 1 Serial Number: 0000000000000000
2014-08-24 19:28:51.390 Seismo 2 Serial Number: 0000000000000000
2014-08-24 19:28:51.390 QAPCHP 1 Serial Number: 4643206
2014-08-24 19:28:51.390 QAPCHP 2 Serial Number: 3743050
2014-08-24 19:28:51.390 KMI Property Tag Number: 2017
2014-08-24 19:28:51.390 System Software Version: 1.146
2014-08-24 19:28:51.390 Slave Processor Version: 1.11
2014-08-24 19:28:51.390 Calibrator Type: QCAL330
2014-08-24 19:28:51.390 Calibrator Version: 1.8
2014-08-24 19:28:51.390 Auxiliary Board Type: None
2014-08-24 19:28:51.390 Clock Type: Motorola M12
2014-08-24 19:28:51.390 PLD Version: 7.9
2014-08-24 19:28:51.390 Total Hours: 68519.97
2014-08-24 19:28:51.390 Power On Hours: 33150.36
2014-08-24 19:28:51.390 Time of Last Boot: 2014-04-06 02:03:58
2014-08-24 19:28:51.390 Total Number of Boots: 120
2014-08-24 19:28:51.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-24 19:28:51.390 Total Number of Re-Syncs: 213
2014-08-24 19:28:51.390 Status Inputs: 00000000
2014-08-24 19:28:51.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-24 19:28:51.390 Clock Quality: 100%
2014-08-24 19:28:51.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-24 19:28:51.390 Clock Phase: 1 usec. max allowed=50000
2014-08-24 19:28:51.390 Boom positions:
2014-08-24 19:28:51.390 ch1: -2 ch2: -4 ch3: 2 ch4: 20 ch5: 20 ch6: 20
2014-08-24 19:28:51.390 Analog Status
2014-08-24 19:28:51.390 Analog Positive Supply: 5.46V
2014-08-24 19:28:51.390 Input Voltage: 13.35V
2014-08-24 19:28:51.390 System Temperature: 5C
2014-08-24 19:28:51.390 Main Current: 60ma

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2014-08-24 19:28:51.390 Antenna Current: 0ma
2014-08-24 19:28:51.390 GPS Status
2014-08-24 19:28:51.390 Time: 19:28:50
2014-08-24 19:28:51.390 Date:
2014-08-24 19:28:51.390 Fix Type: 1-D
2014-08-24 19:28:51.390 Height:
2014-08-24 19:28:51.390 Latitude:
2014-08-24 19:28:51.390 Longitude:
2014-08-24 19:28:51.390 On Time: 0min
2014-08-24 19:28:51.390 Sat. Used: 0
2014-08-24 19:28:51.390 In View: 0
2014-08-24 19:28:51.390 Checksum Errors: 0
2014-08-24 19:28:51.390 Last GPS timemark: 2014-08-24 19:28:49
2014-08-24 19:28:51.390 PLL Status
2014-08-24 19:28:51.390 State: Lock
2014-08-24 19:28:51.390 Initial VCO: 2200.392822
2014-08-24 19:28:51.390 Time Error: -0.000001
2014-08-24 19:28:51.390 RMS VCO: 0.0000000
2014-08-24 19:28:51.390 Best VCO: 2200.73
2014-08-24 19:28:51.390 Seconds Since Track or Lock: 0.0
2014-08-24 19:28:51.390 Vco Control: 2200
2014-08-24 19:28:51.390 timing mode: external seascan
2014-08-24 19:28:51.390 tempco normal
2014-08-24 19:28:51.390 PLL update: 10s PLL lock criterion: 5us
2014-08-24 19:28:51.390 Pfrac: 150.00
2014-08-24 19:28:51.390 VCO slope: -0.0175000
2014-08-24 19:28:51.390 VCO intercept: 7.1100001
2014-08-24 19:28:51.390 Km delta: 600.0000000
2014-08-24 19:28:51.390 Logical Port 4 Status
2014-08-24 19:28:51.390 Data Packets Sent: 13582597
2014-08-24 19:28:51.390 Flood Packets Sent: 0
2014-08-24 19:28:51.390 Packets Re-Sent: 21366
2014-08-24 19:28:51.390 Sequence Errors: 0
2014-08-24 19:28:51.390 Packet Buffer Used: 22764116
2014-08-24 19:28:51.390 Physical Port: Ethernet
2014-08-24 19:28:51.390 Baler Model: 14 Software Version: 2.28
2014-08-24 19:28:51.390 MAC Address: 00:04:FB:00:02:EA
2014-08-24 19:28:51.390 Disk Size: 20000669696
2014-08-24 19:28:51.390 Percent of 1177 data files in use: 27.4
2014-08-24 19:28:51.390 Channels Enabled: 1234 Preamps ON channels:
2014-08-24 19:28:51.390 Channel Sensitivities (uV per count):
2014-08-24 19:28:51.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-24 19:28:51.390 Digitizer Calibration Results:
2014-08-24 19:28:51.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-24 19:28:51.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-24 19:28:51.390 DMU1 Software Version=10
2014-08-24 19:28:51.390 Supply Voltage=12.7
2014-08-24 19:28:51.390 Supply Current=0.41
2014-08-24 19:28:51.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-24 19:28:51.390 WebLink Data Maps Restored
2014-08-24 19:28:51.390 [2014-08-24 07:27:57.999998] sequence resumes: 12115387 to
12115387
2014-08-24 19:34:21.220 [2014-08-24 19:28:13.000001] total packets received: 47664
2014-08-24 19:34:21.220 [2014-08-24 19:28:13.000001] command timeouts: 6
2014-08-24 19:34:21.220 [2014-08-24 19:28:13.000001] out of window: 69
2014-08-24 19:34:21.220 written: HHZ-1170 HH1-1408 HH2-1452 BDH-444 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-24 19:34:21.220 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-08-24 19:34:21.220 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-24 19:34:21.220 [2014-08-24 19:28:13.000001] Done: 4618 recs. seq end:
12158602. run: 325 s
2014-08-25 07:35:14.390

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2014-08-25 07:35:14.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-25 07:35:14.390 Control Port 2491 Opened  
 2014-08-25 07:35:14.390 Baler ready on Ethernet  
 2014-08-25 07:35:14.390 Power Cycled Baler Acknowledged  
 2014-08-25 07:35:14.390 Commands Accepted by Q330  
 2014-08-25 07:35:14.390 Access timeout: 300 sec  
 2014-08-25 07:35:14.390 Control Port 4023 Opened  
 2014-08-25 07:35:14.390 Data Port 4024 Opened  
 2014-08-25 07:35:14.390 Registered with Q330  
 2014-08-25 07:35:14.390 Combination Record Received  
 2014-08-25 07:35:14.390 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-25 07:35:14.390 Link Reset, starting window sequence: 62768  
 2014-08-25 07:35:14.390 GPS Receiver ID Received  
 2014-08-25 07:35:14.390 Manufacturer's Data Received, Property Tag=2017  
 2014-08-25 07:35:14.390 Digitizer Gain & Offsets Received  
 2014-08-25 07:35:14.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4618 recs.  
 seq end: 12158602  
 2014-08-25 07:35:14.390 Baler clock set to 2014-08-25 07:35:13  
 2014-08-25 07:35:14.390 Starting to Read DP Tokens  
 2014-08-25 07:35:14.390 DP Tokens loaded, size=1474 bytes  
 2014-08-25 07:35:14.390 Webserver advertising 192.168.200.119:5380  
 2014-08-25 07:35:14.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-25 07:35:14.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-25 07:35:14.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-25 07:35:14.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-25 07:35:14.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-25 07:35:14.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-25 07:35:14.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-25 07:35:14.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-25 07:35:14.390 [2014-08-24 19:28:13.000001] continuity found: 12158602  
 462223693.000000 Q=100  
 2014-08-25 07:35:14.390 [2014-08-24 19:28:13.000001] restoring continuity  
 2014-08-25 07:35:14.390 Sending DT\_OPEN  
 2014-08-25 07:35:14.390 Station: XX-2017  
 2014-08-25 07:35:14.390 Q330 Serial Number: 0100000DB18FC351  
 2014-08-25 07:35:14.390 AMB Serial Number: 0100000B6909DD82  
 2014-08-25 07:35:14.390 Seismo 1 Serial Number: 0000000000000000  
 2014-08-25 07:35:14.390 Seismo 2 Serial Number: 0000000000000000  
 2014-08-25 07:35:14.390 QAPCHP 1 Serial Number: 4643206  
 2014-08-25 07:35:14.390 QAPCHP 2 Serial Number: 3743050  
 2014-08-25 07:35:14.390 KMI Property Tag Number: 2017  
 2014-08-25 07:35:14.390 System Software Version: 1.146  
 2014-08-25 07:35:14.390 Slave Processor Version: 1.11  
 2014-08-25 07:35:14.390 Calibrator Type: QCAL330  
 2014-08-25 07:35:14.390 Calibrator Version: 1.8  
 2014-08-25 07:35:14.390 Auxiliary Board Type: None  
 2014-08-25 07:35:14.390 Clock Type: Motorola M12  
 2014-08-25 07:35:14.390 PLD Version: 7.9  
 2014-08-25 07:35:14.390 Total Hours: 68532.08  
 2014-08-25 07:35:14.390 Power On Hours: 33162.46  
 2014-08-25 07:35:14.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-25 07:35:14.390 Total Number of Boots: 120  
 2014-08-25 07:35:14.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-25 07:35:14.390 Total Number of Re-Syncs: 213  
 2014-08-25 07:35:14.390 Status Inputs: 00000000  
 2014-08-25 07:35:14.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-25 07:35:14.390 Clock Quality: 100%  
 2014-08-25 07:35:14.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-25 07:35:14.390 Clock Phase: 0 usec. max allowed=50000  
 2014-08-25 07:35:14.390 Boom positions:  
 2014-08-25 07:35:14.390 Ch1: -2 Ch2: -8 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-08-25 07:35:14.390 Analog Status  
 2014-08-25 07:35:14.390 Analog Positive Supply: 5.46V

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2014-08-25 07:35:14.390 Input Voltage: 13.35V  
 2014-08-25 07:35:14.390 System Temperature: 5C  
 2014-08-25 07:35:14.390 Main Current: 62ma  
 2014-08-25 07:35:14.390 Antenna Current: 0ma  
 2014-08-25 07:35:14.390 GPS Status  
 2014-08-25 07:35:14.390 Time: 07:35:13  
 2014-08-25 07:35:14.390 Date:  
 2014-08-25 07:35:14.390 Fix Type: 1-D  
 2014-08-25 07:35:14.390 Height:  
 2014-08-25 07:35:14.390 Latitude:  
 2014-08-25 07:35:14.390 Longitude:  
 2014-08-25 07:35:14.390 On Time: 0min  
 2014-08-25 07:35:14.390 Sat. Used: 0  
 2014-08-25 07:35:14.390 In View: 0  
 2014-08-25 07:35:14.390 Checksum Errors: 0  
 2014-08-25 07:35:14.390 Last GPS timemark: 2014-08-25 07:35:12  
 2014-08-25 07:35:14.390 PLL Status  
 2014-08-25 07:35:14.390 State: Lock  
 2014-08-25 07:35:14.390 Initial VCO: 2200.631836  
 2014-08-25 07:35:14.390 Time Error: 0.000000  
 2014-08-25 07:35:14.390 RMS VCO: 0.0000000  
 2014-08-25 07:35:14.390 Best VCO: 2200.72  
 2014-08-25 07:35:14.390 Seconds Since Track or Lock: 0.0  
 2014-08-25 07:35:14.390 Vco Control: 2201  
 2014-08-25 07:35:14.390 timing mode: external seascan  
 2014-08-25 07:35:14.390 tempco normal  
 2014-08-25 07:35:14.390 PLL update: 10s PLL lock criterion: 5us  
 2014-08-25 07:35:14.390 Pfrac: 150.00  
 2014-08-25 07:35:14.390 VCO slope: -0.0175000  
 2014-08-25 07:35:14.390 VCO intercept: 7.1100001  
 2014-08-25 07:35:14.390 Km delta: 600.0000000  
 2014-08-25 07:35:14.390 Logical Port 4 Status  
 2014-08-25 07:35:14.390 Data Packets Sent: 13630162  
 2014-08-25 07:35:14.390 Flood Packets Sent: 0  
 2014-08-25 07:35:14.390 Packets Re-Sent: 21454  
 2014-08-25 07:35:14.390 Sequence Errors: 0  
 2014-08-25 07:35:14.390 Packet Buffer Used: 22476504  
 2014-08-25 07:35:14.390 Physical Port: Ethernet  
 2014-08-25 07:35:14.390 Baler Model: 14 Software Version: 2.28  
 2014-08-25 07:35:14.390 MAC Address: 00:04:FB:00:02:EA  
 2014-08-25 07:35:14.390 Disk Size: 20000669696  
 2014-08-25 07:35:14.390 Percent of 1177 data files in use: 27.4  
 2014-08-25 07:35:14.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-25 07:35:14.390 Channel Sensitivities (uV per count):  
 2014-08-25 07:35:14.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-25 07:35:14.390 Digitizer Calibration Results:  
 2014-08-25 07:35:14.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-25 07:35:14.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-25 07:35:14.390 DMU1 Software Version=10  
 2014-08-25 07:35:14.390 Supply Voltage=12.7  
 2014-08-25 07:35:14.390 Supply Current=0.41  
 2014-08-25 07:35:14.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-25 07:35:14.390 WebLink Data Maps Restored  
 2014-08-25 07:35:14.390 [2014-08-24 19:28:13.000001] sequence resumes: 12158602 to  
 12158602  
 2014-08-25 07:35:14.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-25 07:35:13  
 2014-08-25 07:37:12.480 [2014-08-25 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-08-25 07:40:44.650 [2014-08-25 07:35:46.999998] total packets received: 44868  
 2014-08-25 07:40:44.650 [2014-08-25 07:35:46.999998] command timeouts: 6  
 2014-08-25 07:40:44.650 [2014-08-25 07:35:46.999998] out of window: 72  
 2014-08-25 07:40:44.650 written: HHZ-1156 HH1-1379 HH2-1423 BDH-450 VEP-1 VEC-2

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VEA-1 VKI-1 VCO-1  
 2014-08-25 07:40:44.650 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-26  
 VMZ-1 VM1-1  
 2014-08-25 07:40:44.650 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-08-25 07:40:44.650 [2014-08-25 07:35:46.999998] Done: 4550 recs. seq end:  
 12202256. run: 325 s  
 2014-08-25 19:41:36.340  
 2014-08-25 19:41:36.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-25 19:41:36.340 Control Port 2491 Opened  
 2014-08-25 19:41:36.340 Baler ready on Ethernet  
 2014-08-25 19:41:36.340 Power Cycled Baler Acknowledged  
 2014-08-25 19:41:36.340 Commands Accepted by Q330  
 2014-08-25 19:41:36.340 Access timeout: 300 sec  
 2014-08-25 19:41:36.340 Control Port 4023 Opened  
 2014-08-25 19:41:36.340 Data Port 4024 Opened  
 2014-08-25 19:41:36.340 Registered with Q330  
 2014-08-25 19:41:36.340 Combination Record Received  
 2014-08-25 19:41:36.340 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-25 19:41:36.340 Link Reset, starting window sequence: 41993  
 2014-08-25 19:41:36.340 GPS Receiver ID Received  
 2014-08-25 19:41:36.340 Manufacturer's Data Received, Property Tag=2017  
 2014-08-25 19:41:36.340 Digitizer Gain & Offsets Received  
 2014-08-25 19:41:36.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4550 recs.  
 seq end: 12202256  
 2014-08-25 19:41:36.340 Baler clock set to 2014-08-25 19:41:35  
 2014-08-25 19:41:36.340 Starting to Read DP Tokens  
 2014-08-25 19:41:36.340 DP Tokens loaded, size=1474 bytes  
 2014-08-25 19:41:36.340 webserver advertising 192.168.200.119:5380  
 2014-08-25 19:41:36.340 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-25 19:41:36.340 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-25 19:41:36.340 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-25 19:41:36.340 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-25 19:41:36.340 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-25 19:41:36.340 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-25 19:41:36.340 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-25 19:41:36.340 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-25 19:41:36.340 [2014-08-25 07:35:46.999998] continuity found: 12202256  
 462267347.000000 q=100  
 2014-08-25 19:41:36.340 [2014-08-25 07:35:46.999998] restoring continuity  
 2014-08-25 19:41:36.340 Sending DT\_OPEN  
 2014-08-25 19:41:36.340 Station: XX-2017  
 2014-08-25 19:41:36.340 Q330 Serial Number: 0100000DB18FC351  
 2014-08-25 19:41:36.340 AMB Serial Number: 0100000B6909DD82  
 2014-08-25 19:41:36.340 Seismo 1 Serial Number: 0000000000000000  
 2014-08-25 19:41:36.340 Seismo 2 Serial Number: 0000000000000000  
 2014-08-25 19:41:36.340 QAPCHP 1 Serial Number: 4643206  
 2014-08-25 19:41:36.340 QAPCHP 2 Serial Number: 3743050  
 2014-08-25 19:41:36.340 KMI Property Tag Number: 2017  
 2014-08-25 19:41:36.340 System Software Version: 1.146  
 2014-08-25 19:41:36.340 Slave Processor Version: 1.11  
 2014-08-25 19:41:36.340 Calibrator Type: QCAL330  
 2014-08-25 19:41:36.340 Calibrator Version: 1.8  
 2014-08-25 19:41:36.340 Auxiliary Board Type: None  
 2014-08-25 19:41:36.340 Clock Type: Motorola M12  
 2014-08-25 19:41:36.340 PLD Version: 7.9  
 2014-08-25 19:41:36.340 Total Hours: 68544.19  
 2014-08-25 19:41:36.340 Power On Hours: 33174.57  
 2014-08-25 19:41:36.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-25 19:41:36.340 Total Number of Boots: 120  
 2014-08-25 19:41:36.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-25 19:41:36.340 Total Number of Re-Syncs: 213  
 2014-08-25 19:41:36.340 Status Inputs: 00000000  
 2014-08-25 19:41:36.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off

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2014-08-25 19:41:36.340 Clock Quality: 100%  
 2014-08-25 19:41:36.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-25 19:41:36.340 Clock Phase: 1 usec. max allowed=50000  
 2014-08-25 19:41:36.340 Boom positions:  
 2014-08-25 19:41:36.340 ch1: -2 ch2: -19 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-08-25 19:41:36.340 Analog Status  
 2014-08-25 19:41:36.340 Analog Positive Supply: 5.46V  
 2014-08-25 19:41:36.340 Input Voltage: 13.20V  
 2014-08-25 19:41:36.340 System Temperature: 5C  
 2014-08-25 19:41:36.340 Main Current: 62ma  
 2014-08-25 19:41:36.340 GPS Status  
 2014-08-25 19:41:36.340 Time: 19:41:35  
 2014-08-25 19:41:36.340 Date:  
 2014-08-25 19:41:36.340 Fix Type: 1-D  
 2014-08-25 19:41:36.340 Height:  
 2014-08-25 19:41:36.340 Latitude:  
 2014-08-25 19:41:36.340 Longitude:  
 2014-08-25 19:41:36.340 On Time: 0min  
 2014-08-25 19:41:36.340 Sat. Used: 0  
 2014-08-25 19:41:36.340 In View: 0  
 2014-08-25 19:41:36.340 Checksum Errors: 0  
 2014-08-25 19:41:36.340 Last GPS timemark: 2014-08-25 19:41:34  
 2014-08-25 19:41:36.340 PLL Status  
 2014-08-25 19:41:36.340 State: Lock  
 2014-08-25 19:41:36.340 Initial VCO: 2200.324219  
 2014-08-25 19:41:36.340 Time Error: -0.000001  
 2014-08-25 19:41:36.340 RMS VCO: 0.0000000  
 2014-08-25 19:41:36.340 Best VCO: 2200.62  
 2014-08-25 19:41:36.340 Seconds Since Track or Lock: 0.0  
 2014-08-25 19:41:36.340 Vco Control: 2200  
 2014-08-25 19:41:36.340 timing mode: external seascan  
 2014-08-25 19:41:36.340 tempco normal  
 2014-08-25 19:41:36.340 PLL update: 10s PLL lock criterion: 5us  
 2014-08-25 19:41:36.340 Pfrac: 150.00  
 2014-08-25 19:41:36.340 VCO slope: -0.0175000  
 2014-08-25 19:41:36.340 VCO intercept: 7.1100001  
 2014-08-25 19:41:36.340 Km delta: 600.0000000  
 2014-08-25 19:41:36.340 Logical Port 4 Status  
 2014-08-25 19:41:36.340 Data Packets Sent: 13674928  
 2014-08-25 19:41:36.340 Flood Packets Sent: 0  
 2014-08-25 19:41:36.340 Packets Re-Sent: 21540  
 2014-08-25 19:41:36.340 Sequence Errors: 0  
 2014-08-25 19:41:36.340 Packet Buffer Used: 23347588  
 2014-08-25 19:41:36.340 Physical Port: Ethernet  
 2014-08-25 19:41:36.340 Baler Model: 14 Software Version: 2.28  
 2014-08-25 19:41:36.340 MAC Address: 00:04:FB:00:02:EA  
 2014-08-25 19:41:36.340 Disk Size: 20000669696  
 2014-08-25 19:41:36.340 Percent of 1177 data files in use: 27.4  
 2014-08-25 19:41:36.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-25 19:41:36.340 Channel Sensitivities (uV per count):  
 2014-08-25 19:41:36.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-25 19:41:36.340 Digitizer Calibration Results:  
 2014-08-25 19:41:36.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-25 19:41:36.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-25 19:41:36.340 DMU1 Software Version=10  
 2014-08-25 19:41:36.340 Supply Voltage=12.7  
 2014-08-25 19:41:36.340 Supply Current=0.40  
 2014-08-25 19:41:36.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-25 19:41:36.340 webLink Data Maps Restored  
 2014-08-25 19:41:36.340 [2014-08-25 07:35:46.999998] sequence resumes: 12202256 to 12202256  
 2014-08-25 19:41:36.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-08-25 19:41:35

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2014-08-25 19:47:25.940 Reducing Status Polling Interval  
2014-08-25 19:47:25.940 [2014-08-25 19:47:24.999998] total packets received: 53624  
2014-08-25 19:47:25.940 [2014-08-25 19:47:24.999998] command timeouts: 6  
2014-08-25 19:47:25.940 [2014-08-25 19:47:24.999998] out of window: 77  
2014-08-25 19:47:25.940 written: HHZ-1228 HH1-1485 HH2-1480 BDH-455 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-08-25 19:47:25.940 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-24 LDH-30  
VMZ-2 VM1-2  
2014-08-25 19:47:25.940 written: VM2-2 LOG-2 ACE-1 OCF-1  
2014-08-25 19:47:25.940 [2014-08-25 19:47:24.999998] Done: 4793 recs. seq end:  
12246154. run: 344 s  
2014-08-26 07:48:18.390  
2014-08-26 07:48:18.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-08-26 07:48:18.390 Control Port 2491 Opened  
2014-08-26 07:48:18.390 Baler ready on Ethernet  
2014-08-26 07:48:18.390 Power Cycled Baler Acknowledged  
2014-08-26 07:48:18.390 Commands Accepted by Q330  
2014-08-26 07:48:18.390 Access timeout: 300 sec  
2014-08-26 07:48:18.390 Control Port 4023 Opened  
2014-08-26 07:48:18.390 Data Port 4024 Opened  
2014-08-26 07:48:18.390 Registered with Q330  
2014-08-26 07:48:18.390 Combination Record Received  
2014-08-26 07:48:18.390 window=4 Min. Timeout=10 Max. Timeout=30  
2014-08-26 07:48:18.390 Link Reset, starting window sequence: 29967  
2014-08-26 07:48:18.390 GPS Receiver ID Received  
2014-08-26 07:48:18.390 Manufacturer's Data Received, Property Tag=2017  
2014-08-26 07:48:18.390 Digitizer Gain & Offsets Received  
2014-08-26 07:48:18.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4793 recs.  
seq end: 12246154  
2014-08-26 07:48:18.390 Baler clock set to 2014-08-26 07:48:17  
2014-08-26 07:48:18.390 Starting to Read DP Tokens  
2014-08-26 07:48:18.390 DP Tokens loaded, size=1474 bytes  
2014-08-26 07:48:18.390 Webserver advertising 192.168.200.119:5380  
2014-08-26 07:48:18.390 filters & delay HHZ:1@100,Linear all=0.320000  
2014-08-26 07:48:18.390 filters & delay HH1:2@100,Linear all=0.320000  
2014-08-26 07:48:18.390 filters & delay HH2:3@100,Linear all=0.320000  
2014-08-26 07:48:18.390 filters & delay BDH:4@20,Linear all=1.650000  
2014-08-26 07:48:18.390 filters & delay LHZ:1@1,Linear all=15.000000  
2014-08-26 07:48:18.390 filters & delay LH1:2@1,Linear all=15.000000  
2014-08-26 07:48:18.390 filters & delay LH2:3@1,Linear all=15.000000  
2014-08-26 07:48:18.390 filters & delay LDH:4@1,Linear all=15.000000  
2014-08-26 07:48:18.390 [2014-08-25 19:47:24.999998] continuity found: 12246154  
462311245.000000 Q=100  
2014-08-26 07:48:18.390 [2014-08-25 19:47:24.999998] restoring continuity  
2014-08-26 07:48:18.390 Sending DT\_OPEN  
2014-08-26 07:48:18.390 Station: XX-2017  
2014-08-26 07:48:18.390 Q330 Serial Number: 0100000DB18FC351  
2014-08-26 07:48:18.390 AMB Serial Number: 0100000B6909DD82  
2014-08-26 07:48:18.390 Seismo 1 Serial Number: 0000000000000000  
2014-08-26 07:48:18.390 Seismo 2 Serial Number: 0000000000000000  
2014-08-26 07:48:18.390 QAPCHP 1 Serial Number: 4643206  
2014-08-26 07:48:18.390 QAPCHP 2 Serial Number: 3743050  
2014-08-26 07:48:18.390 KMI Property Tag Number: 2017  
2014-08-26 07:48:18.390 System Software Version: 1.146  
2014-08-26 07:48:18.390 Slave Processor Version: 1.11  
2014-08-26 07:48:18.390 Calibrator Type: QCAL330  
2014-08-26 07:48:18.390 Calibrator Version: 1.8  
2014-08-26 07:48:18.390 Auxiliary Board Type: None  
2014-08-26 07:48:18.390 Clock Type: Motorola M12  
2014-08-26 07:48:18.390 PLD Version: 7.9  
2014-08-26 07:48:18.390 Total Hours: 68556.30  
2014-08-26 07:48:18.390 Power On Hours: 33186.68  
2014-08-26 07:48:18.390 Time of Last Boot: 2014-04-06 02:03:58

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2014-08-26 07:48:18.390 Total Number of Boots: 120  
 2014-08-26 07:48:18.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-26 07:48:18.390 Total Number of Re-Syncs: 213  
 2014-08-26 07:48:18.390 Status Inputs: 00000000  
 2014-08-26 07:48:18.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-26 07:48:18.390 Clock Quality: 100%  
 2014-08-26 07:48:18.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-26 07:48:18.390 Clock Phase: 0 usec. max allowed=50000  
 2014-08-26 07:48:18.390 Boom positions:  
 2014-08-26 07:48:18.390 Ch1: -1 ch2: -24 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2014-08-26 07:48:18.390 Analog Status  
 2014-08-26 07:48:18.390 Analog Positive Supply: 5.46V  
 2014-08-26 07:48:18.390 Input Voltage: 13.20V  
 2014-08-26 07:48:18.390 System Temperature: 5C  
 2014-08-26 07:48:18.390 Main Current: 62ma  
 2014-08-26 07:48:18.390 Antenna Current: 0ma  
 2014-08-26 07:48:18.390 GPS Status  
 2014-08-26 07:48:18.390 Time: 07:48:17  
 2014-08-26 07:48:18.390 Date:  
 2014-08-26 07:48:18.390 Fix Type: 1-D  
 2014-08-26 07:48:18.390 Height:  
 2014-08-26 07:48:18.390 Latitude:  
 2014-08-26 07:48:18.390 Longitude:  
 2014-08-26 07:48:18.390 On Time: 0min  
 2014-08-26 07:48:18.390 Sat. Used: 0  
 2014-08-26 07:48:18.390 In View: 0  
 2014-08-26 07:48:18.390 Checksum Errors: 0  
 2014-08-26 07:48:18.390 Last GPS timemark: 2014-08-26 07:48:16  
 2014-08-26 07:48:18.390 PLL Status  
 2014-08-26 07:48:18.390 State: Lock  
 2014-08-26 07:48:18.390 Initial VCO: 2200.017090  
 2014-08-26 07:48:18.390 Time Error: 0.000000  
 2014-08-26 07:48:18.390 RMS VCO: 0.0000000  
 2014-08-26 07:48:18.390 Best VCO: 2200.01  
 2014-08-26 07:48:18.390 Seconds Since Track or Lock: 0.0  
 2014-08-26 07:48:18.390 Vco Control: 2200  
 2014-08-26 07:48:18.390 timing mode: external seascan  
 2014-08-26 07:48:18.390 tempco normal  
 2014-08-26 07:48:18.390 PLL update: 10s PLL lock criterion: 5us  
 2014-08-26 07:48:18.390 Pfrac: 150.00  
 2014-08-26 07:48:18.390 VCO slope: -0.0175000  
 2014-08-26 07:48:18.390 VCO intercept: 7.1100001  
 2014-08-26 07:48:18.390 km delta: 600.0000000  
 2014-08-26 07:48:18.390 Logical Port 4 Status  
 2014-08-26 07:48:18.390 Data Packets Sent: 13728444  
 2014-08-26 07:48:18.390 Flood Packets Sent: 0  
 2014-08-26 07:48:18.390 Packets Re-Sent: 21632  
 2014-08-26 07:48:18.390 Sequence Errors: 0  
 2014-08-26 07:48:18.390 Packet Buffer Used: 23218476  
 2014-08-26 07:48:18.390 Physical Port: Ethernet  
 2014-08-26 07:48:18.390 Baler Model: 14 Software Version: 2.28  
 2014-08-26 07:48:18.390 MAC Address: 00:04:FB:00:02:EA  
 2014-08-26 07:48:18.390 Disk Size: 20000669696  
 2014-08-26 07:48:18.390 Percent of 1177 data files in use: 27.6  
 2014-08-26 07:48:18.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-26 07:48:18.390 Channel Sensitivities (uV per count):  
 2014-08-26 07:48:18.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-26 07:48:18.390 Digitizer Calibration Results:  
 2014-08-26 07:48:18.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-26 07:48:18.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-26 07:48:18.390 DMU1 Software Version=10  
 2014-08-26 07:48:18.390 Supply Voltage=12.6  
 2014-08-26 07:48:18.390 Supply Current=0.41



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2014-08-26 07:48:18.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-26 07:48:18.390 WebLink Data Maps Restored  
 2014-08-26 07:48:18.390 [2014-08-25 19:47:24.999998] sequence resumes: 12246154 to 12246154  
 2014-08-26 07:48:18.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-26 07:48:17  
 2014-08-26 07:50:22.140 [2014-08-26 00:00:00.000000] saving Configuration to Backup Memory  
 2014-08-26 07:54:07.670 Reducing Status Polling Interval  
 2014-08-26 07:54:07.670 [2014-08-26 07:54:06.999998] total packets received: 56760  
 2014-08-26 07:54:07.670 [2014-08-26 07:54:06.999998] command timeouts: 6  
 2014-08-26 07:54:07.670 [2014-08-26 07:54:06.999998] out of window: 68  
 2014-08-26 07:54:07.670 written: HHZ-1206 HH1-1459 HH2-1501 BDH-452 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-08-26 07:54:07.670 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-32  
 VMZ-2 VM1-2  
 2014-08-26 07:54:07.670 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-08-26 07:54:07.670 [2014-08-26 07:54:06.999998] Done: 4772 recs. seq end: 12289756. run: 345 s  
 2014-08-26 19:55:01.380  
 2014-08-26 19:55:01.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-26 19:55:01.380 Control Port 2491 Opened  
 2014-08-26 19:55:01.380 Baler ready on Ethernet  
 2014-08-26 19:55:01.380 Power Cycled Baler Acknowledged  
 2014-08-26 19:55:01.380 Commands Accepted by Q330  
 2014-08-26 19:55:01.380 Access timeout: 300 sec  
 2014-08-26 19:55:01.380 Control Port 4023 Opened  
 2014-08-26 19:55:01.380 Data Port 4024 Opened  
 2014-08-26 19:55:01.380 Registered with Q330  
 2014-08-26 19:55:01.380 Combination Record Received  
 2014-08-26 19:55:01.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-26 19:55:01.380 Link Reset, starting window sequence: 21087  
 2014-08-26 19:55:01.380 GPS Receiver ID Received  
 2014-08-26 19:55:01.380 Manufacturer's Data Received, Property Tag=2017  
 2014-08-26 19:55:01.380 Digitizer Gain & Offsets Received  
 2014-08-26 19:55:01.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4772 recs. seq end: 12289756  
 2014-08-26 19:55:01.380 Baler clock set to 2014-08-26 19:55:00  
 2014-08-26 19:55:01.380 Starting to Read DP Tokens  
 2014-08-26 19:55:01.380 DP Tokens loaded, size=1474 bytes  
 2014-08-26 19:55:01.380 webserver advertising 192.168.200.119:5380  
 2014-08-26 19:55:01.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-26 19:55:01.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-26 19:55:01.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-26 19:55:01.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-26 19:55:01.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-26 19:55:01.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-26 19:55:01.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-26 19:55:01.380 [2014-08-26 07:54:06.999998] continuity found: 12289756  
 462354847.000000 Q=100  
 2014-08-26 19:55:01.380 [2014-08-26 07:54:06.999998] restoring continuity  
 2014-08-26 19:55:01.380 Sending DT\_OPEN  
 2014-08-26 19:55:01.380 Station: XX-2017  
 2014-08-26 19:55:01.380 Q330 Serial Number: 0100000DB18FC351  
 2014-08-26 19:55:01.380 AMB Serial Number: 0100000B6909DD82  
 2014-08-26 19:55:01.380 Seismo 1 Serial Number: 0000000000000000  
 2014-08-26 19:55:01.380 Seismo 2 Serial Number: 0000000000000000  
 2014-08-26 19:55:01.380 QAPCHP 1 Serial Number: 4643206  
 2014-08-26 19:55:01.380 QAPCHP 2 Serial Number: 3743050  
 2014-08-26 19:55:01.380 KMI Property Tag Number: 2017  
 2014-08-26 19:55:01.380 System Software Version: 1.146  
 2014-08-26 19:55:01.380 Slave Processor Version: 1.11  
 2014-08-26 19:55:01.380 Calibrator Type: QCAL330

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2014-08-26 19:55:01.380 Calibrator Version: 1.8  
 2014-08-26 19:55:01.380 Auxiliary Board Type: None  
 2014-08-26 19:55:01.380 Clock Type: Motorola M12  
 2014-08-26 19:55:01.380 PLD Version: 7.9  
 2014-08-26 19:55:01.380 Total Hours: 68568.41  
 2014-08-26 19:55:01.380 Power On Hours: 33198.79  
 2014-08-26 19:55:01.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-26 19:55:01.380 Total Number of Boots: 120  
 2014-08-26 19:55:01.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-26 19:55:01.380 Total Number of Re-Syncs: 213  
 2014-08-26 19:55:01.380 Status Inputs: 00000000  
 2014-08-26 19:55:01.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-26 19:55:01.380 Clock Quality: 100%  
 2014-08-26 19:55:01.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-26 19:55:01.380 Clock Phase: 0 usec. max allowed=50000  
 2014-08-26 19:55:01.380 Boom positions:  
 2014-08-26 19:55:01.380 ch1: -2 ch2: 7 ch3: -7 ch4: 20 ch5: 20 ch6: 20  
 2014-08-26 19:55:01.380 Analog Status  
 2014-08-26 19:55:01.380 Analog Positive Supply: 5.46V  
 2014-08-26 19:55:01.380 Input Voltage: 13.35V  
 2014-08-26 19:55:01.380 System Temperature: 5C  
 2014-08-26 19:55:01.380 Main Current: 61ma  
 2014-08-26 19:55:01.380 Antenna Current: 0ma  
 2014-08-26 19:55:01.380 GPS Status  
 2014-08-26 19:55:01.380 Time: 19:55:00  
 2014-08-26 19:55:01.380 Date:  
 2014-08-26 19:55:01.380 Fix Type: 1-D  
 2014-08-26 19:55:01.380 Height:  
 2014-08-26 19:55:01.380 Latitude:  
 2014-08-26 19:55:01.380 Longitude:  
 2014-08-26 19:55:01.380 On Time: 0min  
 2014-08-26 19:55:01.380 Sat. Used: 0  
 2014-08-26 19:55:01.380 In View: 0  
 2014-08-26 19:55:01.380 Checksum Errors: 0  
 2014-08-26 19:55:01.380 Last GPS timemark: 2014-08-26 19:54:59  
 2014-08-26 19:55:01.380 PLL Status  
 2014-08-26 19:55:01.380 State: Lock  
 2014-08-26 19:55:01.380 Initial VCO: 2200.337891  
 2014-08-26 19:55:01.380 Time Error: 0.000000  
 2014-08-26 19:55:01.380 RMS VCO: 0.0000000  
 2014-08-26 19:55:01.380 Best VCO: 2200.07  
 2014-08-26 19:55:01.380 Seconds Since Track or Lock: 0.0  
 2014-08-26 19:55:01.380 vco Control: 2201  
 2014-08-26 19:55:01.380 timing mode: external seascan  
 2014-08-26 19:55:01.380 tempco normal  
 2014-08-26 19:55:01.380 PLL update: 10s PLL lock criterion: 5us  
 2014-08-26 19:55:01.380 Pfrac: 150.00  
 2014-08-26 19:55:01.380 VCO slope: -0.0175000  
 2014-08-26 19:55:01.380 VCO intercept: 7.1100001  
 2014-08-26 19:55:01.380 Km delta: 600.0000000  
 2014-08-26 19:55:01.380 Logical Port 4 Status  
 2014-08-26 19:55:01.380 Data Packets Sent: 13785105  
 2014-08-26 19:55:01.380 Flood Packets Sent: 0  
 2014-08-26 19:55:01.380 Packets Re-Sent: 21717  
 2014-08-26 19:55:01.380 Sequence Errors: 0  
 2014-08-26 19:55:01.380 Packet Buffer Used: 22785268  
 2014-08-26 19:55:01.380 Physical Port: Ethernet  
 2014-08-26 19:55:01.380 Baler Model: 14 Software Version: 2.28  
 2014-08-26 19:55:01.380 MAC Address: 00:04:FB:00:02:EA  
 2014-08-26 19:55:01.380 Disk Size: 20000669696  
 2014-08-26 19:55:01.380 Percent of 1177 data files in use: 27.7  
 2014-08-26 19:55:01.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-26 19:55:01.380 Channel sensitivities (uV per count):

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2014-08-26 19:55:01.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-26 19:55:01.380 Digitizer Calibration Results:
2014-08-26 19:55:01.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-26 19:55:01.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-26 19:55:01.380 DMU1 Software Version=10
2014-08-26 19:55:01.380 Supply Voltage=12.7
2014-08-26 19:55:01.380 Supply Current=0.40
2014-08-26 19:55:01.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-26 19:55:01.380 WebLink Data Maps Restored
2014-08-26 19:55:01.380 [2014-08-26 07:54:06.999998] sequence resumes: 12289756 to
12289756
2014-08-26 19:55:01.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-26 19:55:00
2014-08-26 20:00:31.040 [2014-08-26 19:53:54.000000] total packets received: 50014
2014-08-26 20:00:31.040 [2014-08-26 19:53:54.000000] command timeouts: 6
2014-08-26 20:00:31.040 [2014-08-26 19:53:54.000000] out of window: 64
2014-08-26 20:00:31.040 written: HHZ-1157 HH1-1423 HH2-1451 BDH-447 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-08-26 20:00:31.040 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-24 LDH-33
VMZ-1 VM1-1
2014-08-26 20:00:31.040 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-26 20:00:31.040 [2014-08-26 19:53:54.000000] Done: 4621 recs. seq end:
12332943. run: 325 s
2014-08-27 08:01:24.320
2014-08-27 08:01:24.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-27 08:01:24.320 Control Port 2491 Opened
2014-08-27 08:01:24.320 Baler ready on Ethernet
2014-08-27 08:01:24.320 Power Cycled Baler Acknowledged
2014-08-27 08:01:24.320 Commands Accepted by Q330
2014-08-27 08:01:24.320 Access timeout: 300 sec
2014-08-27 08:01:24.320 Control Port 4023 Opened
2014-08-27 08:01:24.320 Data Port 4024 Opened
2014-08-27 08:01:24.320 Registered with Q330
2014-08-27 08:01:24.320 Combination Record Received
2014-08-27 08:01:24.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-27 08:01:24.320 Link Reset, starting window sequence: 5465
2014-08-27 08:01:24.320 GPS Receiver ID Received
2014-08-27 08:01:24.320 Manufacturer's Data Received, Property Tag=2017
2014-08-27 08:01:24.320 Digitizer Gain & Offsets Received
2014-08-27 08:01:24.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4621 recs.
seq end: 12332943
2014-08-27 08:01:24.320 Baler clock set to 2014-08-27 08:01:23
2014-08-27 08:01:24.320 Starting to Read DP Tokens
2014-08-27 08:01:24.320 DP Tokens loaded, size=1474 bytes
2014-08-27 08:01:24.320 Webserver advertising 192.168.200.119:5380
2014-08-27 08:01:24.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-27 08:01:24.320 filters & delay HH1:2@100,Linear all=0.320000
2014-08-27 08:01:24.320 filters & delay HH2:3@100,Linear all=0.320000
2014-08-27 08:01:24.320 filters & delay BDH:4@20,Linear all=1.650000
2014-08-27 08:01:24.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-27 08:01:24.320 filters & delay LH1:2@1,Linear all=15.000000
2014-08-27 08:01:24.320 filters & delay LH2:3@1,Linear all=15.000000
2014-08-27 08:01:24.320 filters & delay LDH:4@1,Linear all=15.000000
2014-08-27 08:01:24.320 [2014-08-26 19:53:54.000000] continuity found: 12332943
462398034.000000 Q=100
2014-08-27 08:01:24.320 [2014-08-26 19:53:54.000000] restoring continuity
2014-08-27 08:01:24.320 Sending DT_OPEN
2014-08-27 08:01:24.320 Station: XX-2017
2014-08-27 08:01:24.320 Q330 Serial Number: 0100000DB18FC351
2014-08-27 08:01:24.320 AMB Serial Number: 0100000B6909DD82
2014-08-27 08:01:24.320 Seismo 1 Serial Number: 0000000000000000
2014-08-27 08:01:24.320 Seismo 2 Serial Number: 0000000000000000
2014-08-27 08:01:24.320 QAPCHP 1 Serial Number: 4643206

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2014-08-27 08:01:24.320 QAPCHP 2 Serial Number: 3743050  
 2014-08-27 08:01:24.320 KMI Property Tag Number: 2017  
 2014-08-27 08:01:24.320 System Software Version: 1.146  
 2014-08-27 08:01:24.320 Slave Processor Version: 1.11  
 2014-08-27 08:01:24.320 Calibrator Type: QCAL330  
 2014-08-27 08:01:24.320 Calibrator Version: 1.8  
 2014-08-27 08:01:24.320 Auxiliary Board Type: None  
 2014-08-27 08:01:24.320 Clock Type: Motorola M12  
 2014-08-27 08:01:24.320 PLD Version: 7.9  
 2014-08-27 08:01:24.320 Total Hours: 68580.52  
 2014-08-27 08:01:24.320 Power On Hours: 33210.90  
 2014-08-27 08:01:24.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-27 08:01:24.320 Total Number of Boots: 120  
 2014-08-27 08:01:24.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-27 08:01:24.320 Total Number of Re-Syncs: 213  
 2014-08-27 08:01:24.320 Status Inputs: 00000000  
 2014-08-27 08:01:24.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-27 08:01:24.320 Clock Quality: 100%  
 2014-08-27 08:01:24.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-27 08:01:24.320 Clock Phase: 0 usec. max allowed=50000  
 2014-08-27 08:01:24.320 Boom positions:  
 2014-08-27 08:01:24.320 ch1: -2 ch2: 3 ch3: -6 ch4: 20 ch5: 20 ch6: 20  
 2014-08-27 08:01:24.320 Analog Status  
 2014-08-27 08:01:24.320 Analog Positive Supply: 5.46V  
 2014-08-27 08:01:24.320 Input Voltage: 13.35V  
 2014-08-27 08:01:24.320 System Temperature: 5C  
 2014-08-27 08:01:24.320 Main Current: 61ma  
 2014-08-27 08:01:24.320 Antenna Current: 0ma  
 2014-08-27 08:01:24.320 GPS Status  
 2014-08-27 08:01:24.320 Time: 08:01:23  
 2014-08-27 08:01:24.320 Date:  
 2014-08-27 08:01:24.320 Fix Type: 1-D  
 2014-08-27 08:01:24.320 Height:  
 2014-08-27 08:01:24.320 Latitude:  
 2014-08-27 08:01:24.320 Longitude:  
 2014-08-27 08:01:24.320 On Time: 0min  
 2014-08-27 08:01:24.320 Sat. Used: 0  
 2014-08-27 08:01:24.320 In View: 0  
 2014-08-27 08:01:24.320 Checksum Errors: 0  
 2014-08-27 08:01:24.320 Last GPS timemark: 2014-08-27 08:01:22  
 2014-08-27 08:01:24.320 PLL Status  
 2014-08-27 08:01:24.320 State: Lock  
 2014-08-27 08:01:24.320 Initial VCO: 2200.007080  
 2014-08-27 08:01:24.320 Time Error: 0.000000  
 2014-08-27 08:01:24.320 RMS VCO: 0.0000000  
 2014-08-27 08:01:24.320 Best VCO: 2200.00  
 2014-08-27 08:01:24.320 Seconds Since Track or Lock: 0.0  
 2014-08-27 08:01:24.320 Vco Control: 2200  
 2014-08-27 08:01:24.320 timing mode: external seascan  
 2014-08-27 08:01:24.320 tempco normal  
 2014-08-27 08:01:24.320 PLL update: 10s PLL lock criterion: 5us  
 2014-08-27 08:01:24.320 Pfrac: 150.00  
 2014-08-27 08:01:24.320 VCO slope: -0.0175000  
 2014-08-27 08:01:24.320 VCO intercept: 7.1100001  
 2014-08-27 08:01:24.320 km delta: 600.0000000  
 2014-08-27 08:01:24.320 Logical Port 4 Status  
 2014-08-27 08:01:24.320 Data Packets Sent: 13835025  
 2014-08-27 08:01:24.320 Flood Packets Sent: 0  
 2014-08-27 08:01:24.320 Packets Re-Sent: 21797  
 2014-08-27 08:01:24.320 Sequence Errors: 0  
 2014-08-27 08:01:24.320 Packet Buffer Used: 22744312  
 2014-08-27 08:01:24.320 Physical Port: Ethernet  
 2014-08-27 08:01:24.320 Baler Model: 14 Software Version: 2.28

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2014-08-27 08:01:24.320 MAC Address: 00:04:FB:00:02:EA
2014-08-27 08:01:24.320 Disk Size: 20000669696
2014-08-27 08:01:24.320 Percent of 1177 data files in use: 27.8
2014-08-27 08:01:24.320 Channels Enabled: 1234 Preamps ON channels:
2014-08-27 08:01:24.320 Channel Sensitivities (uV per count):
2014-08-27 08:01:24.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-27 08:01:24.320 Digitizer Calibration Results:
2014-08-27 08:01:24.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-27 08:01:24.320 DMU1 Software Version=10
2014-08-27 08:01:24.320 Supply Voltage=12.8
2014-08-27 08:01:24.320 Supply Current=0.40
2014-08-27 08:01:24.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-27 08:01:24.320 WebLink Data Maps Restored
2014-08-27 08:01:24.320 [2014-08-26 19:53:54.000000] sequence resumes: 12332943 to
12332943
2014-08-27 08:01:24.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-27 08:01:23
2014-08-27 08:03:19.560 [2014-08-27 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-27 08:06:54.040 [2014-08-27 07:57:21.000000] total packets received: 49420
2014-08-27 08:06:54.040 [2014-08-27 07:57:21.000000] command timeouts: 6
2014-08-27 08:06:54.040 [2014-08-27 07:57:21.000000] out of window: 64
2014-08-27 08:06:54.040 written: HHZ-1159 HH1-1417 HH2-1415 BDH-448 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-27 08:06:54.040 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-31
VMZ-2 VM1-2
2014-08-27 08:06:54.040 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-27 08:06:54.040 [2014-08-27 07:57:21.000000] Done: 4592 recs. seq end:
12376350. run: 325 s
2014-08-27 20:07:46.380
2014-08-27 20:07:46.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-27 20:07:46.380 Control Port 2491 Opened
2014-08-27 20:07:46.380 Baler ready on Ethernet
2014-08-27 20:07:46.380 Power Cycled Baler Acknowledged
2014-08-27 20:07:46.380 Commands Accepted by Q330
2014-08-27 20:07:46.380 Access timeout: 300 sec
2014-08-27 20:07:46.380 Control Port 4023 Opened
2014-08-27 20:07:46.380 Data Port 4024 Opened
2014-08-27 20:07:46.380 Registered with Q330
2014-08-27 20:07:46.380 Combination Record Received
2014-08-27 20:07:46.380 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-27 20:07:46.380 Link Reset, starting window sequence: 54786
2014-08-27 20:07:46.380 GPS Receiver ID Received
2014-08-27 20:07:46.380 Manufacturer's Data Received, Property Tag=2017
2014-08-27 20:07:46.380 Digitizer Gain & Offsets Received
2014-08-27 20:07:46.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4592 recs.
seq end: 12376350
2014-08-27 20:07:46.380 Baler clock set to 2014-08-27 20:07:45
2014-08-27 20:07:46.380 Starting to Read DP Tokens
2014-08-27 20:07:46.380 DP Tokens loaded, size=1474 bytes
2014-08-27 20:07:46.380 Webserver advertising 192.168.200.119:5380
2014-08-27 20:07:46.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-27 20:07:46.380 filters & delay HH1:2@100,Linear all=0.320000
2014-08-27 20:07:46.380 filters & delay HH2:3@100,Linear all=0.320000
2014-08-27 20:07:46.380 filters & delay BDH:4@20,Linear all=1.650000
2014-08-27 20:07:46.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-27 20:07:46.380 filters & delay LH1:2@1,Linear all=15.000000
2014-08-27 20:07:46.380 filters & delay LH2:3@1,Linear all=15.000000
2014-08-27 20:07:46.380 filters & delay LDH:4@1,Linear all=15.000000
2014-08-27 20:07:46.380 [2014-08-27 07:57:21.000000] continuity found: 12376350
462441441.000000 Q=100
2014-08-27 20:07:46.380 [2014-08-27 07:57:21.000000] restoring continuity
2014-08-27 20:07:46.380 Sending DT_OPEN

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2014-08-27 20:07:46.380 Station: XX-2017  
 2014-08-27 20:07:46.380 Q330 Serial Number: 0100000DB18FC351  
 2014-08-27 20:07:46.380 AMB Serial Number: 0100000B6909DD82  
 2014-08-27 20:07:46.380 Seismo 1 Serial Number: 0000000000000000  
 2014-08-27 20:07:46.380 Seismo 2 Serial Number: 0000000000000000  
 2014-08-27 20:07:46.380 QAPCHP 1 Serial Number: 4643206  
 2014-08-27 20:07:46.380 QAPCHP 2 Serial Number: 3743050  
 2014-08-27 20:07:46.380 KMI Property Tag Number: 2017  
 2014-08-27 20:07:46.380 System Software Version: 1.146  
 2014-08-27 20:07:46.380 Slave Processor Version: 1.11  
 2014-08-27 20:07:46.380 Calibrator Type: QCAL330  
 2014-08-27 20:07:46.380 Calibrator Version: 1.8  
 2014-08-27 20:07:46.380 Auxiliary Board Type: None  
 2014-08-27 20:07:46.380 Clock Type: Motorola M12  
 2014-08-27 20:07:46.380 PLD Version: 7.9  
 2014-08-27 20:07:46.380 Total Hours: 68592.62  
 2014-08-27 20:07:46.380 Power On Hours: 33223.01  
 2014-08-27 20:07:46.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-27 20:07:46.380 Total Number of Boots: 120  
 2014-08-27 20:07:46.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-27 20:07:46.380 Total Number of Re-Syncs: 213  
 2014-08-27 20:07:46.380 Status Inputs: 00000000  
 2014-08-27 20:07:46.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-27 20:07:46.380 Clock Quality: 100%  
 2014-08-27 20:07:46.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-27 20:07:46.380 Clock Phase: 0 usec. max allowed=50000  
 2014-08-27 20:07:46.380 Boom positions:  
 2014-08-27 20:07:46.380 ch1: -2 ch2: -1 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2014-08-27 20:07:46.380 Analog Status  
 2014-08-27 20:07:46.380 Analog Positive Supply: 5.46V  
 2014-08-27 20:07:46.380 Input Voltage: 13.20V  
 2014-08-27 20:07:46.380 System Temperature: 5C  
 2014-08-27 20:07:46.380 Main Current: 61ma  
 2014-08-27 20:07:46.380 Antenna Current: 0ma  
 2014-08-27 20:07:46.380 GPS Status  
 2014-08-27 20:07:46.380 Time: 20:07:44  
 2014-08-27 20:07:46.380 Date:  
 2014-08-27 20:07:46.380 Fix Type: 1-D  
 2014-08-27 20:07:46.380 Height:  
 2014-08-27 20:07:46.380 Latitude:  
 2014-08-27 20:07:46.380 Longitude:  
 2014-08-27 20:07:46.380 On Time: 0min  
 2014-08-27 20:07:46.380 Sat. Used: 0  
 2014-08-27 20:07:46.380 In View: 0  
 2014-08-27 20:07:46.380 Checksum Errors: 0  
 2014-08-27 20:07:46.380 Last GPS timemark: 2014-08-27 20:07:43  
 2014-08-27 20:07:46.380 PLL Status  
 2014-08-27 20:07:46.380 State: Lock  
 2014-08-27 20:07:46.380 Initial VCO: 2200.380127  
 2014-08-27 20:07:46.380 Time Error: 0.000000  
 2014-08-27 20:07:46.380 RMS VCO: 0.0000000  
 2014-08-27 20:07:46.380 Best VCO: 2200.28  
 2014-08-27 20:07:46.380 Seconds Since Track or Lock: 0.0  
 2014-08-27 20:07:46.380 Vco Control: 2200  
 2014-08-27 20:07:46.380 timing mode: external seascan  
 2014-08-27 20:07:46.380 tempco normal  
 2014-08-27 20:07:46.380 PLL update: 10s PLL lock criterion: 5us  
 2014-08-27 20:07:46.380 Pfrac: 150.00  
 2014-08-27 20:07:46.380 VCO slope: -0.0175000  
 2014-08-27 20:07:46.380 VCO intercept: 7.1100001  
 2014-08-27 20:07:46.380 km delta: 600.0000000  
 2014-08-27 20:07:46.380 Logical Port 4 Status  
 2014-08-27 20:07:46.380 Data Packets Sent: 13884351

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2014-08-27 20:07:46.380 Flood Packets Sent: 0
2014-08-27 20:07:46.380 Packets Re-Sent: 21879
2014-08-27 20:07:46.380 Sequence Errors: 0
2014-08-27 20:07:46.380 Packet Buffer Used: 23254744
2014-08-27 20:07:46.380 Physical Port: Ethernet
2014-08-27 20:07:46.380 Baler Model: 14 Software Version: 2.28
2014-08-27 20:07:46.380 MAC Address: 00:04:FB:00:02:EA
2014-08-27 20:07:46.380 Disk Size: 20000669696
2014-08-27 20:07:46.380 Percent of 1177 data files in use: 27.9
2014-08-27 20:07:46.380 Channels Enabled: 1234 Preamps ON channels:
2014-08-27 20:07:46.380 Channel Sensitivities (uV per count):
2014-08-27 20:07:46.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-27 20:07:46.380 Digitizer Calibration Results:
2014-08-27 20:07:46.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-27 20:07:46.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-27 20:07:46.380 DMU1 Software Version=10
2014-08-27 20:07:46.380 Supply Voltage=12.7
2014-08-27 20:07:46.380 Supply Current=0.40
2014-08-27 20:07:46.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-27 20:07:46.380 webLink Data Maps Restored
2014-08-27 20:07:46.380 [2014-08-27 07:57:21.000000] sequence resumes: 12376350 to
12376350
2014-08-27 20:07:46.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-27 20:07:45
2014-08-27 20:13:36.310 [2014-08-27 20:06:55.000000] total packets received: 54793
2014-08-27 20:13:36.310 [2014-08-27 20:06:55.000000] command timeouts: 6
2014-08-27 20:13:36.310 [2014-08-27 20:06:55.000000] out of window: 86
2014-08-27 20:13:36.310 written: HHZ-1219 HH1-1429 HH2-1473 BDH-453 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-27 20:13:36.310 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-32
VMZ-2 VM1-2
2014-08-27 20:13:36.310 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-27 20:13:36.310 [2014-08-27 20:06:55.000000] Done: 4727 recs. seq end:
12420124. run: 345 s
2014-08-28 08:14:28.330
2014-08-28 08:14:28.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-28 08:14:28.330 Control Port 2491 Opened
2014-08-28 08:14:28.330 Baler ready on Ethernet
2014-08-28 08:14:28.330 Power Cycled Baler Acknowledged
2014-08-28 08:14:28.330 Commands Accepted by Q330
2014-08-28 08:14:28.330 Access timeout: 300 sec
2014-08-28 08:14:28.330 Control Port 4023 Opened
2014-08-28 08:14:28.330 Data Port 4024 Opened
2014-08-28 08:14:28.330 Registered with Q330
2014-08-28 08:14:28.330 Combination Record Received
2014-08-28 08:14:28.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-28 08:14:28.330 Link Reset, starting window sequence: 43921
2014-08-28 08:14:28.330 GPS Receiver ID Received
2014-08-28 08:14:28.330 Manufacturer's Data Received, Property Tag=2017
2014-08-28 08:14:28.330 Digitizer Gain & Offsets Received
2014-08-28 08:14:28.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4727 recs.
seq end: 12420124
2014-08-28 08:14:28.330 Baler clock set to 2014-08-28 08:14:27
2014-08-28 08:14:28.330 Starting to Read DP Tokens
2014-08-28 08:14:28.330 DP Tokens loaded, size=1474 bytes
2014-08-28 08:14:28.330 Webserver advertising 192.168.200.119:5380
2014-08-28 08:14:28.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-28 08:14:28.330 filters & delay HH1:2@100,Linear all=0.320000
2014-08-28 08:14:28.330 filters & delay HH2:3@100,Linear all=0.320000
2014-08-28 08:14:28.330 filters & delay BDH:4@20,Linear all=1.650000
2014-08-28 08:14:28.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-28 08:14:28.330 filters & delay LH1:2@1,Linear all=15.000000
2014-08-28 08:14:28.330 filters & delay LH2:3@1,Linear all=15.000000

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2014-08-28 08:14:28.330 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-28 08:14:28.330 [2014-08-27 20:06:55.000000] continuity found: 12420124  
 462485215.000000 Q=100  
 2014-08-28 08:14:28.330 [2014-08-27 20:06:55.000000] restoring continuity  
 2014-08-28 08:14:28.330 Sending DT\_OPEN  
 2014-08-28 08:14:28.330 Station: XX-2017  
 2014-08-28 08:14:28.330 Q330 Serial Number: 0100000DB18FC351  
 2014-08-28 08:14:28.330 AMB Serial Number: 0100000B6909DD82  
 2014-08-28 08:14:28.330 Seismo 1 Serial Number: 0000000000000000  
 2014-08-28 08:14:28.330 Seismo 2 Serial Number: 0000000000000000  
 2014-08-28 08:14:28.330 QAPCHP 1 Serial Number: 4643206  
 2014-08-28 08:14:28.330 QAPCHP 2 Serial Number: 3743050  
 2014-08-28 08:14:28.330 KMI Property Tag Number: 2017  
 2014-08-28 08:14:28.330 System Software Version: 1.146  
 2014-08-28 08:14:28.330 Slave Processor Version: 1.11  
 2014-08-28 08:14:28.330 Calibrator Type: QCAL330  
 2014-08-28 08:14:28.330 Calibrator Version: 1.8  
 2014-08-28 08:14:28.330 Auxiliary Board Type: None  
 2014-08-28 08:14:28.330 Clock Type: Motorola M12  
 2014-08-28 08:14:28.330 PLD Version: 7.9  
 2014-08-28 08:14:28.330 Total Hours: 68604.73  
 2014-08-28 08:14:28.330 Power On Hours: 33235.12  
 2014-08-28 08:14:28.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-28 08:14:28.330 Total Number of Boots: 120  
 2014-08-28 08:14:28.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-28 08:14:28.330 Total Number of Re-Syncs: 213  
 2014-08-28 08:14:28.330 Status Inputs: 00000000  
 2014-08-28 08:14:28.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-28 08:14:28.330 Clock Quality: 100%  
 2014-08-28 08:14:28.330 Clock Phase: 0 usec. max allowed=50000  
 2014-08-28 08:14:28.330 Boom positions:  
 2014-08-28 08:14:28.330 Ch1: -2 Ch2: -5 Ch3: -2 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-08-28 08:14:28.330 Analog Status  
 2014-08-28 08:14:28.330 Analog Positive Supply: 5.46V  
 2014-08-28 08:14:28.330 Input Voltage: 13.35V  
 2014-08-28 08:14:28.330 System Temperature: 5C  
 2014-08-28 08:14:28.330 Main Current: 62ma  
 2014-08-28 08:14:28.330 Antenna Current: 0ma  
 2014-08-28 08:14:28.330 GPS Status  
 2014-08-28 08:14:28.330 Time: 08:14:27  
 2014-08-28 08:14:28.330 Date:  
 2014-08-28 08:14:28.330 Fix Type: 1-D  
 2014-08-28 08:14:28.330 Height:  
 2014-08-28 08:14:28.330 Latitude:  
 2014-08-28 08:14:28.330 Longitude:  
 2014-08-28 08:14:28.330 On Time: 0min  
 2014-08-28 08:14:28.330 Sat. Used: 0  
 2014-08-28 08:14:28.330 In View: 0  
 2014-08-28 08:14:28.330 Checksum Errors: 0  
 2014-08-28 08:14:28.330 Last GPS timemark: 2014-08-28 08:14:26  
 2014-08-28 08:14:28.330 PLL Status  
 2014-08-28 08:14:28.330 State: Lock  
 2014-08-28 08:14:28.330 Initial VCO: 2200.372803  
 2014-08-28 08:14:28.330 Time Error: 0.000000  
 2014-08-28 08:14:28.330 RMS VCO: 0.000000  
 2014-08-28 08:14:28.330 Best VCO: 2200.08  
 2014-08-28 08:14:28.330 Seconds Since Track or Lock: 0.0  
 2014-08-28 08:14:28.330 Vco Control: 2201  
 2014-08-28 08:14:28.330 timing mode: external seascan  
 2014-08-28 08:14:28.330 tempco normal  
 2014-08-28 08:14:28.330 PLL update: 10s PLL lock criterion: 5us  
 2014-08-28 08:14:28.330 Pfrac: 150.00  
 2014-08-28 08:14:28.330 VCO slope: -0.0175000



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2014-08-28 08:14:28.330 VCO intercept: 7.1100001
2014-08-28 08:14:28.330 Km delta: 600.0000000
2014-08-28 08:14:28.330 Logical Port 4 Status
2014-08-28 08:14:28.330 Data Packets Sent: 13939027
2014-08-28 08:14:28.330 Flood Packets Sent: 0
2014-08-28 08:14:28.330 Packets Re-Sent: 21981
2014-08-28 08:14:28.330 Sequence Errors: 0
2014-08-28 08:14:28.330 Packet Buffer Used: 23043928
2014-08-28 08:14:28.330 Physical Port: Ethernet
2014-08-28 08:14:28.330 Baler Model: 14 Software Version: 2.28
2014-08-28 08:14:28.330 MAC Address: 00:04:FB:00:02:EA
2014-08-28 08:14:28.330 Disk Size: 20000669696
2014-08-28 08:14:28.330 Percent of 1177 data files in use: 28.0
2014-08-28 08:14:28.330 Channels Enabled: 1234 Preamps ON channels:
2014-08-28 08:14:28.330 Channel Sensitivities (uV per count):
2014-08-28 08:14:28.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-28 08:14:28.330 Digitizer Calibration Results:
2014-08-28 08:14:28.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-28 08:14:28.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-28 08:14:28.330 DMU1 Software Version=10
2014-08-28 08:14:28.330 Supply Voltage=12.8
2014-08-28 08:14:28.330 Supply Current=0.40
2014-08-28 08:14:28.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-28 08:14:28.330 WebLink Data Maps Restored
2014-08-28 08:14:28.330 [2014-08-27 20:06:55.000000] sequence resumes: 12420124 to
12420124
2014-08-28 08:14:28.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-28 08:14:27
2014-08-28 08:16:17.360 [2014-08-28 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-28 08:20:18.590 [2014-08-28 08:19:05.999998] total packets received: 52005
2014-08-28 08:20:18.590 [2014-08-28 08:19:05.999998] command timeouts: 6
2014-08-28 08:20:18.590 [2014-08-28 08:19:05.999998] out of window: 88
2014-08-28 08:20:18.590 written: HHZ-1203 HH1-1436 HH2-1467 BDH-457 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-08-28 08:20:18.590 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-27 LH2-27 LDH-35
VMZ-1 VM1-1
2014-08-28 08:20:18.590 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-08-28 08:20:18.590 [2014-08-28 08:19:05.999998] Done: 4716 recs. seq end:
12464055. run: 345 s
2014-08-28 20:21:11.320
2014-08-28 20:21:11.320 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-28 20:21:11.320 Control Port 2491 Opened
2014-08-28 20:21:11.320 Baler ready on Ethernet
2014-08-28 20:21:11.320 Power Cycled Baler Acknowledged
2014-08-28 20:21:11.320 Commands Accepted by Q330
2014-08-28 20:21:11.320 Access timeout: 300 sec
2014-08-28 20:21:11.320 Control Port 4023 Opened
2014-08-28 20:21:11.320 Data Port 4024 Opened
2014-08-28 20:21:11.320 Registered with Q330
2014-08-28 20:21:11.320 Combination Record Received
2014-08-28 20:21:11.320 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-28 20:21:11.320 Link Reset, starting window sequence: 30266
2014-08-28 20:21:11.320 GPS Receiver ID Received
2014-08-28 20:21:11.320 Manufacturer's Data Received, Property Tag=2017
2014-08-28 20:21:11.320 Digitizer Gain & Offsets Received
2014-08-28 20:21:11.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4716 recs.
seq end: 12464055
2014-08-28 20:21:11.320 Baler clock set to 2014-08-28 20:21:10
2014-08-28 20:21:11.320 Starting to Read DP Tokens
2014-08-28 20:21:11.320 DP Tokens loaded, size=1474 bytes
2014-08-28 20:21:11.320 Webserver advertising 192.168.200.119:5380
2014-08-28 20:21:11.320 filters & delay HHZ:1@100,Linear all=0.320000

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2014-08-28 20:21:11.320 filters & delay HH1:2@100,Linear all=0.320000
2014-08-28 20:21:11.320 filters & delay HH2:3@100,Linear all=0.320000
2014-08-28 20:21:11.320 filters & delay BDH:4@20,Linear all=1.650000
2014-08-28 20:21:11.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-28 20:21:11.320 filters & delay LH1:2@1,Linear all=15.000000
2014-08-28 20:21:11.320 filters & delay LH2:3@1,Linear all=15.000000
2014-08-28 20:21:11.320 filters & delay LDH:4@1,Linear all=15.000000
2014-08-28 20:21:11.320 [2014-08-28 08:19:05.999998] continuity found: 12464055
462529146.000000 Q=100
2014-08-28 20:21:11.320 [2014-08-28 08:19:05.999998] restoring continuity
2014-08-28 20:21:11.320 Sending DT_OPEN
2014-08-28 20:21:11.320 Station: XX-2017
2014-08-28 20:21:11.320 Q330 Serial Number: 0100000DB18FC351
2014-08-28 20:21:11.320 AMB Serial Number: 0100000B6909DD82
2014-08-28 20:21:11.320 Seismo 1 Serial Number: 0000000000000000
2014-08-28 20:21:11.320 Seismo 2 Serial Number: 0000000000000000
2014-08-28 20:21:11.320 QAPCHP 1 Serial Number: 4643206
2014-08-28 20:21:11.320 QAPCHP 2 Serial Number: 3743050
2014-08-28 20:21:11.320 KMI Property Tag Number: 2017
2014-08-28 20:21:11.320 System Software Version: 1.146
2014-08-28 20:21:11.320 Slave Processor Version: 1.11
2014-08-28 20:21:11.320 Calibrator Type: QCAL330
2014-08-28 20:21:11.320 Calibrator Version: 1.8
2014-08-28 20:21:11.320 Auxiliary Board Type: None
2014-08-28 20:21:11.320 Clock Type: Motorola M12
2014-08-28 20:21:11.320 PLD Version: 7.9
2014-08-28 20:21:11.320 Total Hours: 68616.85
2014-08-28 20:21:11.320 Power On Hours: 33247.23
2014-08-28 20:21:11.320 Time of Last Boot: 2014-04-06 02:03:58
2014-08-28 20:21:11.320 Total Number of Boots: 120
2014-08-28 20:21:11.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-28 20:21:11.320 Total Number of Re-Syncs: 213
2014-08-28 20:21:11.320 Status Inputs: 00000000
2014-08-28 20:21:11.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-08-28 20:21:11.320 Clock Quality: 100%
2014-08-28 20:21:11.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-28 20:21:11.320 Clock Phase: 0 usec. max allowed=50000
2014-08-28 20:21:11.320 Boom positions:
2014-08-28 20:21:11.320 ch1: -2 ch2: -8 ch3: 0 ch4: 20 ch5: 20 ch6: 20
2014-08-28 20:21:11.320 Analog Status
2014-08-28 20:21:11.320 Analog Positive Supply: 5.46V
2014-08-28 20:21:11.320 Input Voltage: 13.35V
2014-08-28 20:21:11.320 System Temperature: 5C
2014-08-28 20:21:11.320 Main Current: 61ma
2014-08-28 20:21:11.320 Antenna Current: 0ma
2014-08-28 20:21:11.320 GPS Status
2014-08-28 20:21:11.320 Time: 20:21:10
2014-08-28 20:21:11.320 Date:
2014-08-28 20:21:11.320 Fix Type: 1-D
2014-08-28 20:21:11.320 Height:
2014-08-28 20:21:11.320 Latitude:
2014-08-28 20:21:11.320 Longitude:
2014-08-28 20:21:11.320 On Time: 0min
2014-08-28 20:21:11.320 Sat. Used: 0
2014-08-28 20:21:11.320 In View: 0
2014-08-28 20:21:11.320 Checksum Errors: 0
2014-08-28 20:21:11.320 Last GPS timemark: 2014-08-28 20:21:09
2014-08-28 20:21:11.320 PLL Status
2014-08-28 20:21:11.320 State: Lock
2014-08-28 20:21:11.320 Initial VCO: 2200.000000
2014-08-28 20:21:11.320 Time Error: 0.000000
2014-08-28 20:21:11.320 RMS VCO: 0.0000000
2014-08-28 20:21:11.320 Best VCO: 2200.00

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2014-08-28 20:21:11.320 Seconds Since Track or Lock: 0.0
2014-08-28 20:21:11.320 Vco Control: 2200
2014-08-28 20:21:11.320 timing mode: external seascan
2014-08-28 20:21:11.320 tempco normal
2014-08-28 20:21:11.320 PLL update: 10s PLL lock criterion: 5us
2014-08-28 20:21:11.320 Pfrac: 150.00
2014-08-28 20:21:11.320 VCO slope: -0.0175000
2014-08-28 20:21:11.320 VCO intercept: 7.1100001
2014-08-28 20:21:11.320 Km delta: 600.0000000
2014-08-28 20:21:11.320 Logical Port 4 Status
2014-08-28 20:21:11.320 Data Packets Sent: 13990913
2014-08-28 20:21:11.320 Flood Packets Sent: 0
2014-08-28 20:21:11.320 Packets Re-Sent: 22084
2014-08-28 20:21:11.320 Sequence Errors: 0
2014-08-28 20:21:11.320 Packet Buffer Used: 23973704
2014-08-28 20:21:11.320 Physical Port: Ethernet
2014-08-28 20:21:11.320 Baler Model: 14 Software Version: 2.28
2014-08-28 20:21:11.320 MAC Address: 00:04:FB:00:02:EA
2014-08-28 20:21:11.320 Disk Size: 20000669696
2014-08-28 20:21:11.320 Percent of 1177 data files in use: 28.0
2014-08-28 20:21:11.320 Channels Enabled: 1234 Preamps ON channels:
2014-08-28 20:21:11.320 Channel Sensitivities (uV per count):
2014-08-28 20:21:11.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-28 20:21:11.320 Digitizer Calibration Results:
2014-08-28 20:21:11.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-28 20:21:11.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-28 20:21:11.320 DMU1 Software Version=10
2014-08-28 20:21:11.320 Supply Voltage=12.7
2014-08-28 20:21:11.320 Supply Current=0.41
2014-08-28 20:21:11.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-28 20:21:11.320 webLink Data Maps Restored
2014-08-28 20:21:11.320 [2014-08-28 08:19:05.999998] sequence resumes: 12464055 to
12464055
2014-08-28 20:21:11.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-28 20:21:10
2014-08-28 20:27:11.790 Reducing Status Polling Interval
2014-08-28 20:27:11.790 [2014-08-28 20:27:10.999998] total packets received: 66516
2014-08-28 20:27:11.790 [2014-08-28 20:27:10.999998] command timeouts: 6
2014-08-28 20:27:11.790 [2014-08-28 20:27:10.999998] out of window: 64
2014-08-28 20:27:11.790 written: HHZ-1295 HH1-1505 HH2-1543 BDH-450 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-28 20:27:11.790 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-26 LDH-32
VMZ-2 VM1-2
2014-08-28 20:27:11.790 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-28 20:27:11.790 [2014-08-28 20:27:10.999998] Done: 4946 recs. seq end:
12507740. run: 357 s
2014-08-29 08:28:05.350
2014-08-29 08:28:05.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-29 08:28:05.350 Control Port 2491 Opened
2014-08-29 08:28:05.350 Baler ready on Ethernet
2014-08-29 08:28:05.350 Power Cycled Baler Acknowledged
2014-08-29 08:28:05.350 Commands Accepted by Q330
2014-08-29 08:28:05.350 Access timeout: 300 sec
2014-08-29 08:28:05.350 Control Port 4023 Opened
2014-08-29 08:28:05.350 Data Port 4024 Opened
2014-08-29 08:28:05.350 Registered with Q330
2014-08-29 08:28:05.350 Combination Record Received
2014-08-29 08:28:05.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-29 08:28:05.350 Link Reset, starting window sequence: 31145
2014-08-29 08:28:05.350 GPS Receiver ID Received
2014-08-29 08:28:05.350 Digitizer Gain & Offsets Received
2014-08-29 08:28:05.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4946 recs.
seq end: 12507740

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2014-08-29 08:28:05.350 Baler clock set to 2014-08-29 08:28:04
2014-08-29 08:28:05.350 Starting to Read DP Tokens
2014-08-29 08:28:05.350 DP Tokens loaded, size=1474 bytes
2014-08-29 08:28:05.350 Webserver advertising 192.168.200.119:5380
2014-08-29 08:28:05.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-29 08:28:05.350 filters & delay HH1:2@100,Linear all=0.320000
2014-08-29 08:28:05.350 filters & delay HH2:3@100,Linear all=0.320000
2014-08-29 08:28:05.350 filters & delay BDH:4@20,Linear all=1.650000
2014-08-29 08:28:05.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-29 08:28:05.350 filters & delay LH1:2@1,Linear all=15.000000
2014-08-29 08:28:05.350 filters & delay LH2:3@1,Linear all=15.000000
2014-08-29 08:28:05.350 filters & delay LDH:4@1,Linear all=15.000000
2014-08-29 08:28:05.350 [2014-08-28 20:27:10.999998] continuity found: 12507740
462572831.000000 Q=100
2014-08-29 08:28:05.350 [2014-08-28 20:27:10.999998] restoring continuity
2014-08-29 08:28:05.350 Sending DT_OPEN
2014-08-29 08:28:05.350 Station: XX-2017
2014-08-29 08:28:05.350 Q330 Serial Number: 0100000DB18FC351
2014-08-29 08:28:05.350 AMB Serial Number: 0100000B6909DD82
2014-08-29 08:28:05.350 Seismo 1 Serial Number: 0000000000000000
2014-08-29 08:28:05.350 Seismo 2 Serial Number: 0000000000000000
2014-08-29 08:28:05.350 QAPCHP 1 Serial Number: 4643206
2014-08-29 08:28:05.350 QAPCHP 2 Serial Number: 3743050
2014-08-29 08:28:05.350 KMI Property Tag Number: 2017
2014-08-29 08:28:05.350 System Software Version: 1.146
2014-08-29 08:28:05.350 Slave Processor Version: 1.11
2014-08-29 08:28:05.350 Calibrator Type: QCAL330
2014-08-29 08:28:05.350 Calibrator Version: 1.8
2014-08-29 08:28:05.350 Auxiliary Board Type: None
2014-08-29 08:28:05.350 Clock Type: Motorola M12
2014-08-29 08:28:05.350 PLD Version: 7.9
2014-08-29 08:28:05.350 Total Hours: 68628.96
2014-08-29 08:28:05.350 Power On Hours: 33259.35
2014-08-29 08:28:05.350 Time of Last Boot: 2014-04-06 02:03:58
2014-08-29 08:28:05.350 Total Number of Boots: 120
2014-08-29 08:28:05.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-29 08:28:05.350 Total Number of Re-Syncs: 213
2014-08-29 08:28:05.350 Status Inputs: 00000000
2014-08-29 08:28:05.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-08-29 08:28:05.350 Clock Quality: 100%
2014-08-29 08:28:05.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-29 08:28:05.350 Clock Phase: 0 usec. max allowed=50000
2014-08-29 08:28:05.350 Boom positions:
2014-08-29 08:28:05.350 Ch1: -2 Ch2: -12 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-29 08:28:05.350 Analog Status
2014-08-29 08:28:05.350 Analog Positive Supply: 5.46V
2014-08-29 08:28:05.350 Input Voltage: 13.20V
2014-08-29 08:28:05.350 System Temperature: 5C
2014-08-29 08:28:05.350 Main Current: 62ma
2014-08-29 08:28:05.350 Antenna Current: 0ma
2014-08-29 08:28:05.350 GPS Status
2014-08-29 08:28:05.350 Time: 08:28:04
2014-08-29 08:28:05.350 Date:
2014-08-29 08:28:05.350 Fix Type: 1-D
2014-08-29 08:28:05.350 Height:
2014-08-29 08:28:05.350 Latitude:
2014-08-29 08:28:05.350 Longitude:
2014-08-29 08:28:05.350 On Time: 0min
2014-08-29 08:28:05.350 Sat. Used: 0
2014-08-29 08:28:05.350 In View: 0
2014-08-29 08:28:05.350 Checksum Errors: 0
2014-08-29 08:28:05.350 Last GPS timemark: 2014-08-29 08:28:03
2014-08-29 08:28:05.350 PLL Status

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2014-08-29 08:28:05.350 State: Lock
2014-08-29 08:28:05.350 Initial VCO: 2200.663330
2014-08-29 08:28:05.350 Time Error: 0.000002
2014-08-29 08:28:05.350 RMS VCO: 0.0000000
2014-08-29 08:28:05.350 Best VCO: 2200.44
2014-08-29 08:28:05.350 Seconds Since Track or Lock: 0.0
2014-08-29 08:28:05.350 Vco Control: 2201
2014-08-29 08:28:05.350 timing mode: external seascan
2014-08-29 08:28:05.350 tempco normal
2014-08-29 08:28:05.350 PLL update: 10s PLL lock criterion: 5us
2014-08-29 08:28:05.350 Pfrac: 150.00
2014-08-29 08:28:05.350 VCO slope: -0.0175000
2014-08-29 08:28:05.350 VCO intercept: 7.1100001
2014-08-29 08:28:05.350 Km delta: 600.0000000
2014-08-29 08:28:05.350 Logical Port 4 Status
2014-08-29 08:28:05.350 Data Packets Sent: 14057333
2014-08-29 08:28:05.350 Flood Packets Sent: 0
2014-08-29 08:28:05.350 Packets Re-Sent: 22160
2014-08-29 08:28:05.350 Sequence Errors: 0
2014-08-29 08:28:05.350 Packet Buffer Used: 23172420
2014-08-29 08:28:05.350 Physical Port: Ethernet
2014-08-29 08:28:05.350 Baler Model: 14 Software Version: 2.28
2014-08-29 08:28:05.350 MAC Address: 00:04:FB:00:02:EA
2014-08-29 08:28:05.350 Disk Size: 20000669696
2014-08-29 08:28:05.350 Percent of 1177 data files in use: 28.1
2014-08-29 08:28:05.350 Channels Enabled: 1234 Preamps ON channels:
2014-08-29 08:28:05.350 Channel Sensitivities (uV per count):
2014-08-29 08:28:05.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-29 08:28:05.350 Digitizer Calibration Results:
2014-08-29 08:28:05.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-29 08:28:05.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-29 08:28:05.350 DMU1 Software Version=10
2014-08-29 08:28:05.350 Supply Voltage=12.7
2014-08-29 08:28:05.350 Supply Current=0.40
2014-08-29 08:28:05.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-29 08:28:05.350 WebLink Data Maps Restored
2014-08-29 08:28:05.350 [2014-08-28 20:27:10.999998] sequence resumes: 12507740 to
12507740
2014-08-29 08:28:05.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-29 08:28:04
2014-08-29 08:29:47.180 [2014-08-29 00:00:00.000000] Saving Configuration to Backup
Memory
2014-08-29 08:33:51.710 Reducing Status Polling Interval
2014-08-29 08:33:51.710 [2014-08-29 08:33:50.999998] total packets received: 58733
2014-08-29 08:33:51.710 [2014-08-29 08:33:50.999998] command timeouts: 6
2014-08-29 08:33:51.710 [2014-08-29 08:33:50.999998] out of window: 67
2014-08-29 08:33:51.710 written: HHZ-1211 HH1-1447 HH2-1504 BDH-440 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-08-29 08:33:51.710 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-29
VMZ-2 VM1-2
2014-08-29 08:33:51.710 written: VM2-2 LOG-3 ACE-2 OCF-2
2014-08-29 08:33:51.710 [2014-08-29 08:33:50.999998] Done: 4753 recs. seq end:
12551340. run: 343 s
2014-08-29 20:34:45.370
2014-08-29 20:34:45.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-29 20:34:45.370 Control Port 2491 Opened
2014-08-29 20:34:45.370 Baler ready on Ethernet
2014-08-29 20:34:45.370 Power Cycled Baler Acknowledged
2014-08-29 20:34:45.370 Commands Accepted by Q330
2014-08-29 20:34:45.370 Access timeout: 300 sec
2014-08-29 20:34:45.370 Control Port 4023 Opened
2014-08-29 20:34:45.370 Data Port 4024 Opened
2014-08-29 20:34:45.370 Registered with Q330

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2014-08-29 20:34:45.370 Combination Record Received
2014-08-29 20:34:45.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-29 20:34:45.370 Link Reset, starting window sequence: 24239
2014-08-29 20:34:45.370 GPS Receiver ID Received
2014-08-29 20:34:45.370 Manufacturer's Data Received, Property Tag=2017
2014-08-29 20:34:45.370 Digitizer Gain & Offsets Received
2014-08-29 20:34:45.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4753 recs.
seq end: 12551340
2014-08-29 20:34:45.370 Baler clock set to 2014-08-29 20:34:44
2014-08-29 20:34:45.370 Starting to Read DP Tokens
2014-08-29 20:34:45.370 DP Tokens loaded, size=1474 bytes
2014-08-29 20:34:45.370 webserver advertising 192.168.200.119:5380
2014-08-29 20:34:45.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-29 20:34:45.370 filters & delay HH1:2@100,Linear all=0.320000
2014-08-29 20:34:45.370 filters & delay HH2:3@100,Linear all=0.320000
2014-08-29 20:34:45.370 filters & delay BDH:4@20,Linear all=1.650000
2014-08-29 20:34:45.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-29 20:34:45.370 filters & delay LH1:2@1,Linear all=15.000000
2014-08-29 20:34:45.370 filters & delay LH2:3@1,Linear all=15.000000
2014-08-29 20:34:45.370 filters & delay LDH:4@1,Linear all=15.000000
2014-08-29 20:34:45.370 [2014-08-29 08:33:50.999998] continuity found: 12551340
462616431.000000 Q=100
2014-08-29 20:34:45.370 [2014-08-29 08:33:50.999998] restoring continuity
2014-08-29 20:34:45.370 Sending DT_OPEN
2014-08-29 20:34:45.370 Station: XX-2017
2014-08-29 20:34:45.370 Q330 Serial Number: 0100000DB18FC351
2014-08-29 20:34:45.370 AMB Serial Number: 0100000B6909DD82
2014-08-29 20:34:45.370 Seismo 1 Serial Number: 0000000000000000
2014-08-29 20:34:45.370 Seismo 2 Serial Number: 0000000000000000
2014-08-29 20:34:45.370 QAPCHP 1 Serial Number: 4643206
2014-08-29 20:34:45.370 QAPCHP 2 Serial Number: 3743050
2014-08-29 20:34:45.370 KMI Property Tag Number: 2017
2014-08-29 20:34:45.370 System Software Version: 1.146
2014-08-29 20:34:45.370 Slave Processor Version: 1.11
2014-08-29 20:34:45.370 Calibrator Type: QCAL330
2014-08-29 20:34:45.370 Calibrator Version: 1.8
2014-08-29 20:34:45.370 Auxiliary Board Type: None
2014-08-29 20:34:45.370 Clock Type: Motorola M12
2014-08-29 20:34:45.370 PLD Version: 7.9
2014-08-29 20:34:45.370 Total Hours: 68641.07
2014-08-29 20:34:45.370 Power On Hours: 33271.46
2014-08-29 20:34:45.370 Time of Last Boot: 2014-04-06 02:03:58
2014-08-29 20:34:45.370 Total Number of Boots: 120
2014-08-29 20:34:45.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-29 20:34:45.370 Total Number of Re-Syncs: 213
2014-08-29 20:34:45.370 Status Inputs: 00000000
2014-08-29 20:34:45.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-29 20:34:45.370 Clock Quality: 100%
2014-08-29 20:34:45.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-29 20:34:45.370 Clock Phase: 0 usec. max allowed=50000
2014-08-29 20:34:45.370 Boom positions:
2014-08-29 20:34:45.370 ch1: -2 ch2: -15 ch3: 7 ch4: 20 ch5: 20 ch6: 20
2014-08-29 20:34:45.370 Analog Status
2014-08-29 20:34:45.370 Analog Positive Supply: 5.46V
2014-08-29 20:34:45.370 Input Voltage: 13.05V
2014-08-29 20:34:45.370 System Temperature: 5C
2014-08-29 20:34:45.370 Main Current: 62ma
2014-08-29 20:34:45.370 Antenna Current: 0ma
2014-08-29 20:34:45.370 GPS Status
2014-08-29 20:34:45.370 Time: 20:34:44
2014-08-29 20:34:45.370 Date:
2014-08-29 20:34:45.370 Fix Type: 1-D
2014-08-29 20:34:45.370 Height:

```

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2014-08-29 20:34:45.370 Latitude:  
 2014-08-29 20:34:45.370 Longitude:  
 2014-08-29 20:34:45.370 On Time: 0min  
 2014-08-29 20:34:45.370 Sat. Used: 0  
 2014-08-29 20:34:45.370 In View: 0  
 2014-08-29 20:34:45.370 Checksum Errors: 0  
 2014-08-29 20:34:45.370 Last GPS timemark: 2014-08-29 20:34:43  
 2014-08-29 20:34:45.370 PLL Status  
 2014-08-29 20:34:45.370 State: Lock  
 2014-08-29 20:34:45.370 Initial VCO: 2200.827393  
 2014-08-29 20:34:45.370 Time Error: 0.000000  
 2014-08-29 20:34:45.370 RMS VCO: 0.000000  
 2014-08-29 20:34:45.370 Best VCO: 2200.88  
 2014-08-29 20:34:45.370 Seconds Since Track or Lock: 0.0  
 2014-08-29 20:34:45.370 Vco Control: 2201  
 2014-08-29 20:34:45.370 timing mode: external seascan  
 2014-08-29 20:34:45.370 tempco normal  
 2014-08-29 20:34:45.370 PLL update: 10s PLL lock criterion: 5us  
 2014-08-29 20:34:45.370 Pfrac: 150.00  
 2014-08-29 20:34:45.370 VCO slope: -0.0175000  
 2014-08-29 20:34:45.370 VCO intercept: 7.1100001  
 2014-08-29 20:34:45.370 Km delta: 600.0000000  
 2014-08-29 20:34:45.370 Logical Port 4 Status  
 2014-08-29 20:34:45.370 Data Packets Sent: 14115968  
 2014-08-29 20:34:45.370 Flood Packets Sent: 0  
 2014-08-29 20:34:45.370 Packets Re-Sent: 22240  
 2014-08-29 20:34:45.370 Sequence Errors: 0  
 2014-08-29 20:34:45.370 Physical Port: Ethernet  
 2014-08-29 20:34:45.370 Baler Model: 14 Software Version: 2.28  
 2014-08-29 20:34:45.370 MAC Address: 00:04:FB:00:02:EA  
 2014-08-29 20:34:45.370 Disk Size: 20000669696  
 2014-08-29 20:34:45.370 Percent of 1177 data files in use: 28.1  
 2014-08-29 20:34:45.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-29 20:34:45.370 Channel sensitivities (uV per count):  
 2014-08-29 20:34:45.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-29 20:34:45.370 Digitizer Calibration Results:  
 2014-08-29 20:34:45.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-29 20:34:45.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-29 20:34:45.370 DMU1 Software Version=10  
 2014-08-29 20:34:45.370 Supply Voltage=12.7  
 2014-08-29 20:34:45.370 Supply Current=0.40  
 2014-08-29 20:34:45.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-29 20:34:45.370 webLink Data Maps Restored  
 2014-08-29 20:34:45.370 [2014-08-29 08:33:50.999998] sequence resumes: 12551340 to  
 12551340  
 2014-08-29 20:34:45.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-29 20:34:44  
 2014-08-29 20:40:14.920 [2014-08-29 20:34:20.000000] total packets received: 50232  
 2014-08-29 20:40:14.920 [2014-08-29 20:34:20.000000] command timeouts: 6  
 2014-08-29 20:40:14.920 [2014-08-29 20:34:20.000000] out of window: 68  
 2014-08-29 20:40:14.920 written: HHZ-1137 HH1-1382 HH2-1424 BDH-429 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-08-29 20:40:14.920 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-25  
 VMZ-1 VM1-1  
 2014-08-29 20:40:14.920 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-29 20:40:14.920 [2014-08-29 20:34:20.000000] Done: 4505 recs. seq end:  
 12594569. run: 325 s  
 2014-08-30 08:41:09.350  
 2014-08-30 08:41:09.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-08-30 08:41:09.350 Control Port 2491 Opened  
 2014-08-30 08:41:09.350 Baler ready on Ethernet  
 2014-08-30 08:41:09.350 Power Cycled Baler Acknowledged  
 2014-08-30 08:41:09.350 Commands Accepted by Q330

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2014-08-30 08:41:09.350 Access timeout: 300 sec  
 2014-08-30 08:41:09.350 Control Port 4023 Opened  
 2014-08-30 08:41:09.350 Data Port 4024 Opened  
 2014-08-30 08:41:09.350 Registered with Q330  
 2014-08-30 08:41:09.350 Combination Record Received  
 2014-08-30 08:41:09.350 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-08-30 08:41:09.350 Link Reset, starting window sequence: 8832  
 2014-08-30 08:41:09.350 GPS Receiver ID Received  
 2014-08-30 08:41:09.350 Manufacturer's Data Received, Property Tag=2017  
 2014-08-30 08:41:09.350 Digitizer Gain & Offsets Received  
 2014-08-30 08:41:09.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4505 recs.  
 seq end: 12594569  
 2014-08-30 08:41:09.350 Baler clock set to 2014-08-30 08:41:08  
 2014-08-30 08:41:09.350 Starting to Read DP Tokens  
 2014-08-30 08:41:09.350 DP Tokens loaded, size=1474 bytes  
 2014-08-30 08:41:09.350 webserver advertising 192.168.200.119:5380  
 2014-08-30 08:41:09.350 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-08-30 08:41:09.350 filters & delay HH1:2@100,Linear all=0.320000  
 2014-08-30 08:41:09.350 filters & delay HH2:3@100,Linear all=0.320000  
 2014-08-30 08:41:09.350 filters & delay BDH:4@20,Linear all=1.650000  
 2014-08-30 08:41:09.350 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-08-30 08:41:09.350 filters & delay LH1:2@1,Linear all=15.000000  
 2014-08-30 08:41:09.350 filters & delay LH2:3@1,Linear all=15.000000  
 2014-08-30 08:41:09.350 filters & delay LDH:4@1,Linear all=15.000000  
 2014-08-30 08:41:09.350 [2014-08-29 20:34:20.000000] continuity found: 12594569  
 462659660.000000 Q=100  
 2014-08-30 08:41:09.350 [2014-08-29 20:34:20.000000] restoring continuity  
 2014-08-30 08:41:09.350 Sending DT\_OPEN  
 2014-08-30 08:41:09.350 Station: XX-2017  
 2014-08-30 08:41:09.350 Q330 Serial Number: 0100000DB18FC351  
 2014-08-30 08:41:09.350 AMB Serial Number: 0100000B6909DD82  
 2014-08-30 08:41:09.350 Seismo 1 Serial Number: 0000000000000000  
 2014-08-30 08:41:09.350 Seismo 2 Serial Number: 0000000000000000  
 2014-08-30 08:41:09.350 QAPCHP 1 Serial Number: 4643206  
 2014-08-30 08:41:09.350 QAPCHP 2 Serial Number: 3743050  
 2014-08-30 08:41:09.350 KMI Property Tag Number: 2017  
 2014-08-30 08:41:09.350 System Software Version: 1.146  
 2014-08-30 08:41:09.350 Slave Processor Version: 1.11  
 2014-08-30 08:41:09.350 Calibrator Type: QCAL330  
 2014-08-30 08:41:09.350 Calibrator Version: 1.8  
 2014-08-30 08:41:09.350 Auxiliary Board Type: None  
 2014-08-30 08:41:09.350 Clock Type: Motorola M12  
 2014-08-30 08:41:09.350 PLD Version: 7.9  
 2014-08-30 08:41:09.350 Total Hours: 68653.18  
 2014-08-30 08:41:09.350 Power On Hours: 33283.57  
 2014-08-30 08:41:09.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-08-30 08:41:09.350 Total Number of Boots: 120  
 2014-08-30 08:41:09.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-08-30 08:41:09.350 Total Number of Re-Syncs: 213  
 2014-08-30 08:41:09.350 Status Inputs: 00000000  
 2014-08-30 08:41:09.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-08-30 08:41:09.350 Clock Quality: 100%  
 2014-08-30 08:41:09.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-08-30 08:41:09.350 Clock Phase: 0 usec. max allowed=50000  
 2014-08-30 08:41:09.350 Boom positions:  
 2014-08-30 08:41:09.350 ch1: -2 ch2: -18 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-08-30 08:41:09.350 Analog Status  
 2014-08-30 08:41:09.350 Analog Positive Supply: 5.46V  
 2014-08-30 08:41:09.350 Input Voltage: 13.35V  
 2014-08-30 08:41:09.350 System Temperature: 5C  
 2014-08-30 08:41:09.350 Main Current: 66ma  
 2014-08-30 08:41:09.350 Antenna Current: Oma  
 2014-08-30 08:41:09.350 GPS Status



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2014-08-30 08:41:09.350 Time: 08:41:07  
 2014-08-30 08:41:09.350 Date:  
 2014-08-30 08:41:09.350 Fix Type: 1-D  
 2014-08-30 08:41:09.350 Height:  
 2014-08-30 08:41:09.350 Latitude:  
 2014-08-30 08:41:09.350 Longitude:  
 2014-08-30 08:41:09.350 On Time: 0min  
 2014-08-30 08:41:09.350 Sat. Used: 0  
 2014-08-30 08:41:09.350 In View: 0  
 2014-08-30 08:41:09.350 Checksum Errors: 0  
 2014-08-30 08:41:09.350 Last GPS timemark: 2014-08-30 08:41:06  
 2014-08-30 08:41:09.350 PLL Status  
 2014-08-30 08:41:09.350 State: Lock  
 2014-08-30 08:41:09.350 Initial VCO: 2200.697021  
 2014-08-30 08:41:09.350 Time Error: 0.000000  
 2014-08-30 08:41:09.350 RMS VCO: 0.000000  
 2014-08-30 08:41:09.350 Best VCO: 2200.74  
 2014-08-30 08:41:09.350 Seconds Since Track or Lock: 0.0  
 2014-08-30 08:41:09.350 Vco Control: 2201  
 2014-08-30 08:41:09.350 timing mode: external seascan  
 2014-08-30 08:41:09.350 tempco normal  
 2014-08-30 08:41:09.350 PLL update: 10s PLL lock criterion: 5us  
 2014-08-30 08:41:09.350 Pfrac: 150.00  
 2014-08-30 08:41:09.350 VCO slope: -0.0175000  
 2014-08-30 08:41:09.350 VCO intercept: 7.1100001  
 2014-08-30 08:41:09.350 Km delta: 600.000000  
 2014-08-30 08:41:09.350 Logical Port 4 Status  
 2014-08-30 08:41:09.350 Data Packets Sent: 14166102  
 2014-08-30 08:41:09.350 Flood Packets Sent: 0  
 2014-08-30 08:41:09.350 Packets Re-Sent: 22327  
 2014-08-30 08:41:09.350 Sequence Errors: 0  
 2014-08-30 08:41:09.350 Packet Buffer Used: 22071112  
 2014-08-30 08:41:09.350 Physical Port: Ethernet  
 2014-08-30 08:41:09.350 Baler Model: 14 Software Version: 2.28  
 2014-08-30 08:41:09.350 MAC Address: 00:04:FB:00:02:EA  
 2014-08-30 08:41:09.350 Disk Size: 20000669696  
 2014-08-30 08:41:09.350 Percent of 1177 data files in use: 28.4  
 2014-08-30 08:41:09.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-08-30 08:41:09.350 Channel Sensitivities (uV per count):  
 2014-08-30 08:41:09.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-08-30 08:41:09.350 Digitizer Calibration Results:  
 2014-08-30 08:41:09.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-08-30 08:41:09.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-08-30 08:41:09.350 DMU1 Software Version=10  
 2014-08-30 08:41:09.350 Supply Voltage=12.7  
 2014-08-30 08:41:09.350 Supply Current=0.40  
 2014-08-30 08:41:09.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-30 08:41:09.350 WebLink Data Maps Restored  
 2014-08-30 08:41:09.350 [2014-08-29 20:34:20.000000] sequence resumes: 12594569 to 12594569  
 2014-08-30 08:41:09.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-30 08:41:08  
 2014-08-30 08:42:38.060 [2014-08-30 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-08-30 08:46:39.020 [2014-08-30 08:36:56.000000] total packets received: 49116  
 2014-08-30 08:46:39.020 [2014-08-30 08:36:56.000000] command timeouts: 6  
 2014-08-30 08:46:39.020 [2014-08-30 08:36:56.000000] out of window: 70  
 2014-08-30 08:46:39.020 written: HHZ-1128 HH1-1348 HH2-1383 BDH-423 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-08-30 08:46:39.020 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-08-30 08:46:39.020 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-08-30 08:46:39.020 [2014-08-30 08:36:56.000000] Done: 4426 recs. seq end:

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12637925. run: 325 s
2014-08-30 20:47:30.370
2014-08-30 20:47:30.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-30 20:47:30.370 Control Port 2491 Opened
2014-08-30 20:47:30.370 Baler ready on Ethernet
2014-08-30 20:47:30.370 Power Cycled Baler Acknowledged
2014-08-30 20:47:30.370 Commands Accepted by Q330
2014-08-30 20:47:30.370 Access timeout: 300 sec
2014-08-30 20:47:30.370 Control Port 4023 Opened
2014-08-30 20:47:30.370 Data Port 4024 Opened
2014-08-30 20:47:30.370 Registered with Q330
2014-08-30 20:47:30.370 Combination Record Received
2014-08-30 20:47:30.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-08-30 20:47:30.370 Link Reset, starting window sequence: 57843
2014-08-30 20:47:30.370 GPS Receiver ID Received
2014-08-30 20:47:30.370 Manufacturer's Data Received, Property Tag=2017
2014-08-30 20:47:30.370 Digitizer Gain & Offsets Received
2014-08-30 20:47:30.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4426 recs.
seq end: 12637925
2014-08-30 20:47:30.370 Baler clock set to 2014-08-30 20:47:29
2014-08-30 20:47:30.370 Starting to Read DP Tokens
2014-08-30 20:47:30.370 DP Tokens loaded, size=1474 bytes
2014-08-30 20:47:30.370 webserver advertising 192.168.200.119:5380
2014-08-30 20:47:30.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-30 20:47:30.370 filters & delay HH1:2@100,Linear all=0.320000
2014-08-30 20:47:30.370 filters & delay HH2:3@100,Linear all=0.320000
2014-08-30 20:47:30.370 filters & delay BDH:4@20,Linear all=1.650000
2014-08-30 20:47:30.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-30 20:47:30.370 filters & delay LH1:2@1,Linear all=15.000000
2014-08-30 20:47:30.370 filters & delay LH2:3@1,Linear all=15.000000
2014-08-30 20:47:30.370 filters & delay LDH:4@1,Linear all=15.000000
2014-08-30 20:47:30.370 [2014-08-30 08:36:56.000000] continuity found: 12637925
462703016.000000 Q=100
2014-08-30 20:47:30.370 [2014-08-30 08:36:56.000000] restoring continuity
2014-08-30 20:47:30.370 Sending DT_OPEN
2014-08-30 20:47:30.370 Station: XX-2017
2014-08-30 20:47:30.370 Q330 Serial Number: 0100000DB18FC351
2014-08-30 20:47:30.370 AMB Serial Number: 0100000B6909DD82
2014-08-30 20:47:30.370 Seismo 1 Serial Number: 0000000000000000
2014-08-30 20:47:30.370 Seismo 2 Serial Number: 0000000000000000
2014-08-30 20:47:30.370 QAPCHP 1 Serial Number: 4643206
2014-08-30 20:47:30.370 QAPCHP 2 Serial Number: 3743050
2014-08-30 20:47:30.370 KMI Property Tag Number: 2017
2014-08-30 20:47:30.370 System Software Version: 1.146
2014-08-30 20:47:30.370 Slave Processor Version: 1.11
2014-08-30 20:47:30.370 Calibrator Type: QCAL330
2014-08-30 20:47:30.370 Calibrator Version: 1.8
2014-08-30 20:47:30.370 Auxiliary Board Type: None
2014-08-30 20:47:30.370 PLD Version: 7.9
2014-08-30 20:47:30.370 Total Hours: 68665.29
2014-08-30 20:47:30.370 Power On Hours: 33295.67
2014-08-30 20:47:30.370 Time of Last Boot: 2014-04-06 02:03:58
2014-08-30 20:47:30.370 Total Number of Boots: 120
2014-08-30 20:47:30.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-30 20:47:30.370 Total Number of Re-Syncs: 213
2014-08-30 20:47:30.370 Status Inputs: 00000000
2014-08-30 20:47:30.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-30 20:47:30.370 Clock Quality: 100%
2014-08-30 20:47:30.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-30 20:47:30.370 Clock Phase: 0 usec. max allowed=50000
2014-08-30 20:47:30.370 Boom positions:
2014-08-30 20:47:30.370 Ch1: -2 Ch2: -21 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20
2014-08-30 20:47:30.370 Analog Status

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2014-08-30 20:47:30.370 Analog Positive Supply: 5.46V
2014-08-30 20:47:30.370 Input Voltage: 13.35V
2014-08-30 20:47:30.370 System Temperature: 5C
2014-08-30 20:47:30.370 Main Current: 61ma
2014-08-30 20:47:30.370 Antenna Current: 0ma
2014-08-30 20:47:30.370 GPS Status
2014-08-30 20:47:30.370 Time: 20:47:29
2014-08-30 20:47:30.370 Date:
2014-08-30 20:47:30.370 Fix Type: 1-D
2014-08-30 20:47:30.370 Height:
2014-08-30 20:47:30.370 Latitude:
2014-08-30 20:47:30.370 Longitude:
2014-08-30 20:47:30.370 On Time: 0min
2014-08-30 20:47:30.370 Sat. Used: 0
2014-08-30 20:47:30.370 In View: 0
2014-08-30 20:47:30.370 Checksum Errors: 0
2014-08-30 20:47:30.370 Last GPS timemark: 2014-08-30 20:47:28
2014-08-30 20:47:30.370 PLL Status
2014-08-30 20:47:30.370 State: Lock
2014-08-30 20:47:30.370 Initial VCO: 2200.937744
2014-08-30 20:47:30.370 Time Error: 0.000000
2014-08-30 20:47:30.370 RMS VCO: 0.0000000
2014-08-30 20:47:30.370 Best VCO: 2201.04
2014-08-30 20:47:30.370 Seconds Since Track or Lock: 0.0
2014-08-30 20:47:30.370 Vco Control: 2201
2014-08-30 20:47:30.370 timing mode: external seascan
2014-08-30 20:47:30.370 tempco normal
2014-08-30 20:47:30.370 PLL update: 10s PLL lock criterion: 5us
2014-08-30 20:47:30.370 Pfrac: 150.00
2014-08-30 20:47:30.370 VCO slope: -0.0175000
2014-08-30 20:47:30.370 VCO intercept: 7.1100001
2014-08-30 20:47:30.370 Km delta: 600.0000000
2014-08-30 20:47:30.370 Logical Port 4 Status
2014-08-30 20:47:30.370 Data Packets Sent: 14215118
2014-08-30 20:47:30.370 Flood Packets Sent: 0
2014-08-30 20:47:30.370 Packets Re-Sent: 22415
2014-08-30 20:47:30.370 Sequence Errors: 0
2014-08-30 20:47:30.370 Packet Buffer Used: 22263944
2014-08-30 20:47:30.370 Physical Port: Ethernet
2014-08-30 20:47:30.370 Baler Model: 14 Software Version: 2.28
2014-08-30 20:47:30.370 MAC Address: 00:04:FB:00:02:EA
2014-08-30 20:47:30.370 Disk Size: 20000669696
2014-08-30 20:47:30.370 Percent of 1177 data files in use: 28.4
2014-08-30 20:47:30.370 Channels Enabled: 1234 Preamps ON channels:
2014-08-30 20:47:30.370 Channel Sensitivities (uV per count):
2014-08-30 20:47:30.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-30 20:47:30.370 Digitizer Calibration Results:
2014-08-30 20:47:30.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-30 20:47:30.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-30 20:47:30.370 DMU1 Software Version=10
2014-08-30 20:47:30.370 Supply Voltage=12.7
2014-08-30 20:47:30.370 Supply Current=0.40
2014-08-30 20:47:30.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-30 20:47:30.370 webLink Data Maps Restored
2014-08-30 20:47:30.370 [2014-08-30 08:36:56.000000] sequence resumes: 12637925 to
12637925
2014-08-30 20:47:30.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-08-30 20:47:29
2014-08-30 20:53:00.140 [2014-08-30 20:44:33.000000] total packets received: 48433
2014-08-30 20:53:00.140 [2014-08-30 20:44:33.000000] command timeouts: 6
2014-08-30 20:53:00.140 [2014-08-30 20:44:33.000000] out of window: 63
2014-08-30 20:53:00.140 written: HHZ-1154 HH1-1371 HH2-1395 BDH-418 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2

```

S01\_messages.txt

```

2014-08-30 20:53:00.140 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-08-30 20:53:00.140 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-08-30 20:53:00.140 [2014-08-30 20:44:33.000000] Done: 4476 recs. seq end:
12681582. run: 325 s
2014-08-31 08:53:53.370
2014-08-31 08:53:53.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-08-31 08:53:53.370 Control Port 2491 Opened
2014-08-31 08:53:53.370 Baler ready on Ethernet
2014-08-31 08:53:53.370 Power Cycled Baler Acknowledged
2014-08-31 08:53:53.370 Commands Accepted by Q330
2014-08-31 08:53:53.370 Access timeout: 300 sec
2014-08-31 08:53:53.370 Control Port 4023 Opened
2014-08-31 08:53:53.370 Data Port 4024 Opened
2014-08-31 08:53:53.370 Registered with Q330
2014-08-31 08:53:53.370 Combination Record Received
2014-08-31 08:53:53.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-08-31 08:53:53.370 Link Reset, starting window sequence: 40642
2014-08-31 08:53:53.370 GPS Receiver ID Received
2014-08-31 08:53:53.370 Manufacturer's Data Received, Property Tag=2017
2014-08-31 08:53:53.370 Digitizer Gain & Offsets Received
2014-08-31 08:53:53.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4476 recs.
seq end: 12681582
2014-08-31 08:53:53.370 Baler clock set to 2014-08-31 08:53:52
2014-08-31 08:53:53.370 Starting to Read DP Tokens
2014-08-31 08:53:53.370 DP Tokens loaded, size=1474 bytes
2014-08-31 08:53:53.370 Webserver advertising 192.168.200.119:5380
2014-08-31 08:53:53.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-08-31 08:53:53.370 filters & delay HH1:2@100,Linear all=0.320000
2014-08-31 08:53:53.370 filters & delay HH2:3@100,Linear all=0.320000
2014-08-31 08:53:53.370 filters & delay BDH:4@20,Linear all=1.650000
2014-08-31 08:53:53.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-08-31 08:53:53.370 filters & delay LH1:2@1,Linear all=15.000000
2014-08-31 08:53:53.370 filters & delay LH2:3@1,Linear all=15.000000
2014-08-31 08:53:53.370 filters & delay LDH:4@1,Linear all=15.000000
2014-08-31 08:53:53.370 [2014-08-30 20:44:33.000000] continuity found: 12681582
462746673.000000 Q=100
2014-08-31 08:53:53.370 [2014-08-30 20:44:33.000000] restoring continuity
2014-08-31 08:53:53.370 Sending DT_OPEN
2014-08-31 08:53:53.370 Station: XX-2017
2014-08-31 08:53:53.370 Q330 Serial Number: 0100000DB18FC351
2014-08-31 08:53:53.370 AMB Serial Number: 0100000B6909DD82
2014-08-31 08:53:53.370 Seismo 1 Serial Number: 0000000000000000
2014-08-31 08:53:53.370 Seismo 2 Serial Number: 0000000000000000
2014-08-31 08:53:53.370 QAPCHP 1 Serial Number: 4643206
2014-08-31 08:53:53.370 QAPCHP 2 Serial Number: 3743050
2014-08-31 08:53:53.370 KMI Property Tag Number: 2017
2014-08-31 08:53:53.370 System Software Version: 1.146
2014-08-31 08:53:53.370 Slave Processor Version: 1.11
2014-08-31 08:53:53.370 Calibrator Type: QCAL330
2014-08-31 08:53:53.370 Calibrator Version: 1.8
2014-08-31 08:53:53.370 Auxiliary Board Type: None
2014-08-31 08:53:53.370 Clock Type: Motorola M12
2014-08-31 08:53:53.370 PLD Version: 7.9
2014-08-31 08:53:53.370 Total Hours: 68677.39
2014-08-31 08:53:53.370 Power On Hours: 33307.78
2014-08-31 08:53:53.370 Time of Last Boot: 2014-04-06 02:03:58
2014-08-31 08:53:53.370 Total Number of Boots: 120
2014-08-31 08:53:53.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-31 08:53:53.370 Total Number of Re-Syncs: 213
2014-08-31 08:53:53.370 Status Inputs: 00000000
2014-08-31 08:53:53.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-31 08:53:53.370 Clock Quality: 100%

```

S01\_messages.txt

```

2014-08-31 08:53:53.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-31 08:53:53.370 Clock Phase: 0 usec. max allowed=50000
2014-08-31 08:53:53.370 Boom positions:
2014-08-31 08:53:53.370 ch1: -2 ch2: -24 ch3: 13 ch4: 20 ch5: 20 ch6: 20
2014-08-31 08:53:53.370 Analog Status
2014-08-31 08:53:53.370 Analog Positive Supply: 5.46V
2014-08-31 08:53:53.370 Input Voltage: 13.35V
2014-08-31 08:53:53.370 System Temperature: 5C
2014-08-31 08:53:53.370 Main Current: 61ma
2014-08-31 08:53:53.370 Antenna Current: 0ma
2014-08-31 08:53:53.370 GPS Status
2014-08-31 08:53:53.370 Time: 08:53:52
2014-08-31 08:53:53.370 Date:
2014-08-31 08:53:53.370 Fix Type: 1-D
2014-08-31 08:53:53.370 Height:
2014-08-31 08:53:53.370 Latitude:
2014-08-31 08:53:53.370 Longitude:
2014-08-31 08:53:53.370 On Time: 0min
2014-08-31 08:53:53.370 Sat. Used: 0
2014-08-31 08:53:53.370 In View: 0
2014-08-31 08:53:53.370 Checksum Errors: 0
2014-08-31 08:53:53.370 Last GPS timemark: 2014-08-31 08:53:51
2014-08-31 08:53:53.370 PLL Status
2014-08-31 08:53:53.370 State: Lock
2014-08-31 08:53:53.370 Initial VCO: 2201.012939
2014-08-31 08:53:53.370 Time Error: 0.000000
2014-08-31 08:53:53.370 RMS VCO: 0.0000000
2014-08-31 08:53:53.370 Best VCO: 2201.01
2014-08-31 08:53:53.370 Seconds Since Track or Lock: 0.0
2014-08-31 08:53:53.370 Vco Control: 2201
2014-08-31 08:53:53.370 timing mode: external seascan
2014-08-31 08:53:53.370 tempco normal
2014-08-31 08:53:53.370 PLL update: 10s PLL lock criterion: 5us
2014-08-31 08:53:53.370 Pfrac: 150.00
2014-08-31 08:53:53.370 VCO slope: -0.0175000
2014-08-31 08:53:53.370 VCO intercept: 7.1100001
2014-08-31 08:53:53.370 Km delta: 600.0000000
2014-08-31 08:53:53.370 Logical Port 4 Status
2014-08-31 08:53:53.370 Data Packets Sent: 14263458
2014-08-31 08:53:53.370 Flood Packets Sent: 0
2014-08-31 08:53:53.370 Packets Re-Sent: 22491
2014-08-31 08:53:53.370 Sequence Errors: 0
2014-08-31 08:53:53.370 Packet Buffer Used: 21377296
2014-08-31 08:53:53.370 Physical Port: Ethernet
2014-08-31 08:53:53.370 Baler Model: 14 Software Version: 2.28
2014-08-31 08:53:53.370 MAC Address: 00:04:FB:00:02:EA
2014-08-31 08:53:53.370 Disk Size: 20000669696
2014-08-31 08:53:53.370 Percent of 1177 data files in use: 28.5
2014-08-31 08:53:53.370 Channels Enabled: 1234 Preamps ON channels:
2014-08-31 08:53:53.370 Channel Sensitivities (uV per count):
2014-08-31 08:53:53.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-31 08:53:53.370 Digitizer Calibration Results:
2014-08-31 08:53:53.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-31 08:53:53.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-31 08:53:53.370 DMU1 Software Version=10
2014-08-31 08:53:53.370 Supply Voltage=12.8
2014-08-31 08:53:53.370 Supply Current=0.41
2014-08-31 08:53:53.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-08-31 08:53:53.370 webLink Data Maps Restored
2014-08-31 08:53:53.370 [2014-08-30 20:44:33.000000] sequence resumes: 12681582 to
12681582
2014-08-31 08:53:53.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-08-31 08:53:52

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2014-08-31 08:55:20.750 [2014-08-31 00:00:00.000000] Saving Configuration to Backup Memory  
2014-08-31 08:59:14.680 Reducing Status Polling Interval  
2014-08-31 08:59:14.680 [2014-08-31 08:59:13.999998] total packets received: 44365  
2014-08-31 08:59:14.680 [2014-08-31 08:59:13.999998] command timeouts: 6  
2014-08-31 08:59:14.680 [2014-08-31 08:59:13.999998] out of window: 64  
2014-08-31 08:59:14.680 written: HHZ-1052 HH1-1374 HH2-1354 BDH-406 VEP-1 VEC-2  
VEA-1 VKI-1 VCO-1  
2014-08-31 08:59:14.680 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-25 LDH-24  
VMZ-1 VM1-1  
2014-08-31 08:59:14.680 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
2014-08-31 08:59:14.680 [2014-08-31 08:59:13.999998] Done: 4324 recs. seq end: 12725663. run: 317 s  
2014-08-31 21:00:09.390  
2014-08-31 21:00:09.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-08-31 21:00:09.390 Baler ready on Ethernet  
2014-08-31 21:00:09.390 Power Cycled Baler Acknowledged  
2014-08-31 21:00:09.390 Commands Accepted by Q330  
2014-08-31 21:00:09.390 Access timeout: 300 sec  
2014-08-31 21:00:09.390 Control Port 4023 Opened  
2014-08-31 21:00:09.390 Data Port 4024 Opened  
2014-08-31 21:00:09.390 Registered with Q330  
2014-08-31 21:00:09.390 Combination Record Received  
2014-08-31 21:00:09.390 window=4 Min. Timeout=10 Max. Timeout=30  
2014-08-31 21:00:09.390 Link Reset, starting window sequence: 19372  
2014-08-31 21:00:09.390 GPS Receiver ID Received  
2014-08-31 21:00:09.390 Manufacturer's Data Received, Property Tag=2017  
2014-08-31 21:00:09.390 Digitizer Gain & Offsets Received  
2014-08-31 21:00:09.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4324 recs. seq end: 12725663  
2014-08-31 21:00:09.390 Baler clock set to 2014-08-31 21:00:08  
2014-08-31 21:00:09.390 Starting to Read DP Tokens  
2014-08-31 21:00:09.390 DP Tokens loaded, size=1474 bytes  
2014-08-31 21:00:09.390 webserver advertising 192.168.200.119:5380  
2014-08-31 21:00:09.390 filters & delay HHZ:1@100,Linear all=0.320000  
2014-08-31 21:00:09.390 filters & delay HH1:2@100,Linear all=0.320000  
2014-08-31 21:00:09.390 filters & delay HH2:3@100,Linear all=0.320000  
2014-08-31 21:00:09.390 filters & delay BDH:4@20,Linear all=1.650000  
2014-08-31 21:00:09.390 filters & delay LHZ:1@1,Linear all=15.000000  
2014-08-31 21:00:09.390 filters & delay LH1:2@1,Linear all=15.000000  
2014-08-31 21:00:09.390 filters & delay LH2:3@1,Linear all=15.000000  
2014-08-31 21:00:09.390 filters & delay LDH:4@1,Linear all=15.000000  
2014-08-31 21:00:09.390 [2014-08-31 08:59:13.999998] continuity found: 12725663  
462790754.000000 Q=100  
2014-08-31 21:00:09.390 [2014-08-31 08:59:13.999998] restoring continuity  
2014-08-31 21:00:09.390 Sending DT\_OPEN  
2014-08-31 21:00:09.390 Station: XX-2017  
2014-08-31 21:00:09.390 Q330 Serial Number: 0100000DB18FC351  
2014-08-31 21:00:09.390 AMB Serial Number: 0100000B6909DD82  
2014-08-31 21:00:09.390 Seismo 1 Serial Number: 0000000000000000  
2014-08-31 21:00:09.390 Seismo 2 Serial Number: 0000000000000000  
2014-08-31 21:00:09.390 QAPCHP 1 Serial Number: 4643206  
2014-08-31 21:00:09.390 QAPCHP 2 Serial Number: 3743050  
2014-08-31 21:00:09.390 KMI Property Tag Number: 2017  
2014-08-31 21:00:09.390 System Software Version: 1.146  
2014-08-31 21:00:09.390 Slave Processor Version: 1.11  
2014-08-31 21:00:09.390 Calibrator Type: QCAL330  
2014-08-31 21:00:09.390 Calibrator Version: 1.8  
2014-08-31 21:00:09.390 Auxiliary Board Type: None  
2014-08-31 21:00:09.390 Clock Type: Motorola M12  
2014-08-31 21:00:09.390 PLD Version: 7.9  
2014-08-31 21:00:09.390 Total Hours: 68689.50  
2014-08-31 21:00:09.390 Power On Hours: 33319.88

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2014-08-31 21:00:09.390 Time of Last Boot: 2014-04-06 02:03:58
2014-08-31 21:00:09.390 Total Number of Boots: 120
2014-08-31 21:00:09.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-08-31 21:00:09.390 Total Number of Re-Syncs: 213
2014-08-31 21:00:09.390 Status Inputs: 00000000
2014-08-31 21:00:09.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-08-31 21:00:09.390 Clock Quality: 100%
2014-08-31 21:00:09.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-08-31 21:00:09.390 Clock Phase: 0 usec. max allowed=50000
2014-08-31 21:00:09.390 Boom positions:
2014-08-31 21:00:09.390 ch1: -2 ch2: 2 ch3: -4 ch4: 20 ch5: 20 ch6: 20
2014-08-31 21:00:09.390 Analog Status
2014-08-31 21:00:09.390 Analog Positive Supply: 5.46V
2014-08-31 21:00:09.390 Input Voltage: 13.35V
2014-08-31 21:00:09.390 System Temperature: 5C
2014-08-31 21:00:09.390 Main Current: 62ma
2014-08-31 21:00:09.390 Antenna Current: 0ma
2014-08-31 21:00:09.390 GPS Status
2014-08-31 21:00:09.390 Time: 21:00:08
2014-08-31 21:00:09.390 Date:
2014-08-31 21:00:09.390 Fix Type: 1-D
2014-08-31 21:00:09.390 Height:
2014-08-31 21:00:09.390 Latitude:
2014-08-31 21:00:09.390 Longitude:
2014-08-31 21:00:09.390 On Time: 0min
2014-08-31 21:00:09.390 Sat. Used: 0
2014-08-31 21:00:09.390 In View: 0
2014-08-31 21:00:09.390 Checksum Errors: 0
2014-08-31 21:00:09.390 Last GPS timemark: 2014-08-31 21:00:07
2014-08-31 21:00:09.390 PLL Status
2014-08-31 21:00:09.390 State: Lock
2014-08-31 21:00:09.390 Initial VCO: 2200.918213
2014-08-31 21:00:09.390 Time Error: 0.000000
2014-08-31 21:00:09.390 RMS VCO: 0.0000000
2014-08-31 21:00:09.390 Best VCO: 2200.97
2014-08-31 21:00:09.390 Seconds Since Track or Lock: 0.0
2014-08-31 21:00:09.390 Vco Control: 2201
2014-08-31 21:00:09.390 timing mode: external seascan
2014-08-31 21:00:09.390 tempco normal
2014-08-31 21:00:09.390 PLL update: 10s PLL lock criterion: 5us
2014-08-31 21:00:09.390 Pfrac: 150.00
2014-08-31 21:00:09.390 VCO slope: -0.0175000
2014-08-31 21:00:09.390 VCO intercept: 7.1100001
2014-08-31 21:00:09.390 Km delta: 600.0000000
2014-08-31 21:00:09.390 Logical Port 4 Status
2014-08-31 21:00:09.390 Data Packets Sent: 14307729
2014-08-31 21:00:09.390 Flood Packets Sent: 0
2014-08-31 21:00:09.390 Packets Re-Sent: 22568
2014-08-31 21:00:09.390 Sequence Errors: 0
2014-08-31 21:00:09.390 Packet Buffer Used: 21978180
2014-08-31 21:00:09.390 Physical Port: Ethernet
2014-08-31 21:00:09.390 Baler Model: 14 Software Version: 2.28
2014-08-31 21:00:09.390 MAC Address: 00:04:FB:00:02:EA
2014-08-31 21:00:09.390 Disk Size: 20000669696
2014-08-31 21:00:09.390 Percent of 1177 data files in use: 28.7
2014-08-31 21:00:09.390 Channels Enabled: 1234 Preamps ON channels:
2014-08-31 21:00:09.390 Channel Sensitivities (uV per count):
2014-08-31 21:00:09.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-08-31 21:00:09.390 Digitizer Calibration Results:
2014-08-31 21:00:09.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-08-31 21:00:09.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-08-31 21:00:09.390 DMU1 Software Version=10
2014-08-31 21:00:09.390 Supply Voltage=12.8

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2014-08-31 21:00:09.390 Supply Current=0.41  
 2014-08-31 21:00:09.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-08-31 21:00:09.390 WebLink Data Maps Restored  
 2014-08-31 21:00:09.390 [2014-08-31 08:59:13.999998] sequence resumes: 12725663 to 12725663  
 2014-08-31 21:00:09.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-08-31 21:00:08  
 2014-08-31 21:05:38.830 Reducing Status Polling Interval  
 2014-08-31 21:05:38.830 [2014-08-31 21:05:37.999998] total packets received: 46984  
 2014-08-31 21:05:38.830 [2014-08-31 21:05:37.999998] command timeouts: 6  
 2014-08-31 21:05:38.830 [2014-08-31 21:05:37.999998] out of window: 69  
 2014-08-31 21:05:38.830 written: HHZ-1111 HH1-1398 HH2-1438 BDH-405 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-08-31 21:05:38.830 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-08-31 21:05:38.830 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-08-31 21:05:38.830 [2014-08-31 21:05:37.999998] Done: 4492 recs. seq end: 12769247. run: 325 s  
 2014-09-01 09:06:32.380  
 2014-09-01 09:06:32.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-01 09:06:32.380 Control Port 2491 Opened  
 2014-09-01 09:06:32.380 Baler ready on Ethernet  
 2014-09-01 09:06:32.380 Power Cycled Baler Acknowledged  
 2014-09-01 09:06:32.380 Commands Accepted by Q330  
 2014-09-01 09:06:32.380 Access timeout: 300 sec  
 2014-09-01 09:06:32.380 Control Port 4023 Opened  
 2014-09-01 09:06:32.380 Data Port 4024 Opened  
 2014-09-01 09:06:32.380 Registered with Q330  
 2014-09-01 09:06:32.380 Combination Record Received  
 2014-09-01 09:06:32.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-01 09:06:32.380 Link Reset, starting window sequence: 716  
 2014-09-01 09:06:32.380 GPS Receiver ID Received  
 2014-09-01 09:06:32.380 Manufacturer's Data Received, Property Tag=2017  
 2014-09-01 09:06:32.380 Digitizer Gain & Offsets Received  
 2014-09-01 09:06:32.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4492 recs. seq end: 12769247  
 2014-09-01 09:06:32.380 Baler clock set to 2014-09-01 09:06:31  
 2014-09-01 09:06:32.380 Starting to Read DP Tokens  
 2014-09-01 09:06:32.380 DP Tokens loaded, size=1474 bytes  
 2014-09-01 09:06:32.380 webserver advertising 192.168.200.119:5380  
 2014-09-01 09:06:32.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-01 09:06:32.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-01 09:06:32.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-01 09:06:32.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-01 09:06:32.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-01 09:06:32.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-01 09:06:32.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-01 09:06:32.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-01 09:06:32.380 [2014-08-31 21:05:37.999998] continuity found: 12769247  
 462834338.000000 Q=100  
 2014-09-01 09:06:32.380 [2014-08-31 21:05:37.999998] restoring continuity  
 2014-09-01 09:06:32.380 Sending DT\_OPEN  
 2014-09-01 09:06:32.380 Station: XX-2017  
 2014-09-01 09:06:32.380 Q330 Serial Number: 0100000DB18FC351  
 2014-09-01 09:06:32.380 AMB Serial Number: 0100000B6909DD82  
 2014-09-01 09:06:32.380 Seismo 1 Serial Number: 0000000000000000  
 2014-09-01 09:06:32.380 Seismo 2 Serial Number: 0000000000000000  
 2014-09-01 09:06:32.380 QAPCHP 1 Serial Number: 4643206  
 2014-09-01 09:06:32.380 QAPCHP 2 Serial Number: 3743050  
 2014-09-01 09:06:32.380 KMI Property Tag Number: 2017  
 2014-09-01 09:06:32.380 System Software Version: 1.146  
 2014-09-01 09:06:32.380 Slave Processor Version: 1.11  
 2014-09-01 09:06:32.380 Calibrator Type: QCAL330



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2014-09-01 09:06:32.380 Calibrator Version: 1.8  
 2014-09-01 09:06:32.380 Auxiliary Board Type: None  
 2014-09-01 09:06:32.380 Clock Type: Motorola M12  
 2014-09-01 09:06:32.380 PLD Version: 7.9  
 2014-09-01 09:06:32.380 Total Hours: 68701.60  
 2014-09-01 09:06:32.380 Power On Hours: 33331.99  
 2014-09-01 09:06:32.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-01 09:06:32.380 Total Number of Boots: 120  
 2014-09-01 09:06:32.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-01 09:06:32.380 Total Number of Re-Syncs: 213  
 2014-09-01 09:06:32.380 Status Inputs: 00000000  
 2014-09-01 09:06:32.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-01 09:06:32.380 Clock Quality: 100%  
 2014-09-01 09:06:32.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-01 09:06:32.380 Clock Phase: 0 usec. max allowed=50000  
 2014-09-01 09:06:32.380 Boom positions:  
 2014-09-01 09:06:32.380 ch1: -2 ch2: -1 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2014-09-01 09:06:32.380 Analog Status  
 2014-09-01 09:06:32.380 Analog Positive Supply: 5.46V  
 2014-09-01 09:06:32.380 Input Voltage: 13.35V  
 2014-09-01 09:06:32.380 System Temperature: 5C  
 2014-09-01 09:06:32.380 Main Current: 60ma  
 2014-09-01 09:06:32.380 Antenna Current: 0ma  
 2014-09-01 09:06:32.380 GPS Status  
 2014-09-01 09:06:32.380 Time: 09:06:31  
 2014-09-01 09:06:32.380 Date:  
 2014-09-01 09:06:32.380 Fix Type: 1-D  
 2014-09-01 09:06:32.380 Height:  
 2014-09-01 09:06:32.380 Latitude:  
 2014-09-01 09:06:32.380 Longitude:  
 2014-09-01 09:06:32.380 On Time: 0min  
 2014-09-01 09:06:32.380 Sat. Used: 0  
 2014-09-01 09:06:32.380 In View: 0  
 2014-09-01 09:06:32.380 Checksum Errors: 0  
 2014-09-01 09:06:32.380 Last GPS timemark: 2014-09-01 09:06:30  
 2014-09-01 09:06:32.380 PLL Status  
 2014-09-01 09:06:32.380 State: Lock  
 2014-09-01 09:06:32.380 Initial VCO: 2201.000000  
 2014-09-01 09:06:32.380 Time Error: 0.000000  
 2014-09-01 09:06:32.380 RMS VCO: 0.000000  
 2014-09-01 09:06:32.380 Best VCO: 2201.00  
 2014-09-01 09:06:32.380 Seconds Since Track or Lock: 0.0  
 2014-09-01 09:06:32.380 Vco Control: 2201  
 2014-09-01 09:06:32.380 tempco normal  
 2014-09-01 09:06:32.380 PLL update: 10s PLL lock criterion: 5us  
 2014-09-01 09:06:32.380 Pfrac: 150.00  
 2014-09-01 09:06:32.380 VCO slope: -0.0175000  
 2014-09-01 09:06:32.380 VCO intercept: 7.1100001  
 2014-09-01 09:06:32.380 Km delta: 600.0000000  
 2014-09-01 09:06:32.380 Logical Port 4 Status  
 2014-09-01 09:06:32.380 Data Packets Sent: 14354614  
 2014-09-01 09:06:32.380 Flood Packets Sent: 0  
 2014-09-01 09:06:32.380 Packets Re-Sent: 22652  
 2014-09-01 09:06:32.380 Sequence Errors: 0  
 2014-09-01 09:06:32.380 Packet Buffer Used: 22517680  
 2014-09-01 09:06:32.380 Physical Port: Ethernet  
 2014-09-01 09:06:32.380 Baler Model: 14 Software Version: 2.28  
 2014-09-01 09:06:32.380 MAC Address: 00:04:FB:00:02:EA  
 2014-09-01 09:06:32.380 Disk Size: 20000669696  
 2014-09-01 09:06:32.380 Percent of 1177 data files in use: 28.7  
 2014-09-01 09:06:32.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-01 09:06:32.380 Channel sensitivities (uV per count):  
 2014-09-01 09:06:32.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2014-09-01 09:06:32.380 Digitizer Calibration Results:
2014-09-01 09:06:32.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-01 09:06:32.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-01 09:06:32.380 DMU1 Software Version=10
2014-09-01 09:06:32.380 Supply Voltage=12.7
2014-09-01 09:06:32.380 Supply Current=0.41
2014-09-01 09:06:32.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-01 09:06:32.380 WebLink Data Maps Restored
2014-09-01 09:06:32.380 [2014-08-31 21:05:37.999998] sequence resumes: 12769247 to
12769247
2014-09-01 09:06:32.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-01 09:06:31
2014-09-01 09:07:51.580 [2014-09-01 00:00:00.000000] saving Configuration to Backup
Memory
2014-09-01 09:12:02.040 [2014-09-01 09:09:58.000000] total packets received: 48218
2014-09-01 09:12:02.040 [2014-09-01 09:09:58.000000] command timeouts: 6
2014-09-01 09:12:02.040 [2014-09-01 09:09:58.000000] out of window: 66
2014-09-01 09:12:02.040 written: HHZ-1145 HH1-1439 HH2-1472 BDH-410 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-01 09:12:02.040 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-20 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-09-01 09:12:02.040 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-09-01 09:12:02.040 [2014-09-01 09:09:58.000000] Done: 4604 recs. seq end:
12812707. run: 325 s
2014-09-01 21:12:54.390
2014-09-01 21:12:54.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-01 21:12:54.390 Control Port 2491 Opened
2014-09-01 21:12:54.390 Baler ready on Ethernet
2014-09-01 21:12:54.390 Power Cycled Baler Acknowledged
2014-09-01 21:12:54.390 Commands Accepted by Q330
2014-09-01 21:12:54.390 Access timeout: 300 sec
2014-09-01 21:12:54.390 Control Port 4023 Opened
2014-09-01 21:12:54.390 Data Port 4024 Opened
2014-09-01 21:12:54.390 Registered with Q330
2014-09-01 21:12:54.390 Combination Record Received
2014-09-01 21:12:54.390 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-01 21:12:54.390 Link Reset, starting window sequence: 48833
2014-09-01 21:12:54.390 GPS Receiver ID Received
2014-09-01 21:12:54.390 Manufacturer's Data Received, Property Tag=2017
2014-09-01 21:12:54.390 Digitizer Gain & Offsets Received
2014-09-01 21:12:54.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4604 recs.
seq end: 12812707
2014-09-01 21:12:54.390 Baler clock set to 2014-09-01 21:12:53
2014-09-01 21:12:54.390 Starting to Read DP Tokens
2014-09-01 21:12:54.390 DP Tokens loaded, size=1474 bytes
2014-09-01 21:12:54.390 webserver advertising 192.168.200.119:5380
2014-09-01 21:12:54.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-01 21:12:54.390 filters & delay HH1:2@100,Linear all=0.320000
2014-09-01 21:12:54.390 filters & delay HH2:3@100,Linear all=0.320000
2014-09-01 21:12:54.390 filters & delay BDH:4@20,Linear all=1.650000
2014-09-01 21:12:54.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-01 21:12:54.390 filters & delay LH1:2@1,Linear all=15.000000
2014-09-01 21:12:54.390 filters & delay LH2:3@1,Linear all=15.000000
2014-09-01 21:12:54.390 filters & delay LDH:4@1,Linear all=15.000000
2014-09-01 21:12:54.390 [2014-09-01 09:09:58.000000] continuity found: 12812707
462877798.000000 Q=100
2014-09-01 21:12:54.390 [2014-09-01 09:09:58.000000] restoring continuity
2014-09-01 21:12:54.390 Sending DT_OPEN
2014-09-01 21:12:54.390 Station: XX-2017
2014-09-01 21:12:54.390 Q330 Serial Number: 0100000DB18FC351
2014-09-01 21:12:54.390 AMB Serial Number: 0100000B6909DD82
2014-09-01 21:12:54.390 Seismo 1 Serial Number: 0000000000000000
2014-09-01 21:12:54.390 Seismo 2 Serial Number: 0000000000000000

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2014-09-01 21:12:54.390 QAPCHP 1 Serial Number: 4643206  
 2014-09-01 21:12:54.390 QAPCHP 2 Serial Number: 3743050  
 2014-09-01 21:12:54.390 KMI Property Tag Number: 2017  
 2014-09-01 21:12:54.390 System Software Version: 1.146  
 2014-09-01 21:12:54.390 Slave Processor Version: 1.11  
 2014-09-01 21:12:54.390 Calibrator Type: QCAL330  
 2014-09-01 21:12:54.390 Calibrator Version: 1.8  
 2014-09-01 21:12:54.390 Auxiliary Board Type: None  
 2014-09-01 21:12:54.390 Clock Type: Motorola M12  
 2014-09-01 21:12:54.390 PLD Version: 7.9  
 2014-09-01 21:12:54.390 Total Hours: 68713.71  
 2014-09-01 21:12:54.390 Power On Hours: 33344.10  
 2014-09-01 21:12:54.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-01 21:12:54.390 Total Number of Boots: 120  
 2014-09-01 21:12:54.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-01 21:12:54.390 Total Number of Re-Syncs: 213  
 2014-09-01 21:12:54.390 Status Inputs: 00000000  
 2014-09-01 21:12:54.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-01 21:12:54.390 Clock Quality: 100%  
 2014-09-01 21:12:54.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-01 21:12:54.390 Clock Phase: 0 usec. max allowed=50000  
 2014-09-01 21:12:54.390 Boom positions:  
 2014-09-01 21:12:54.390 ch1: -2 ch2: -5 ch3: 2 ch4: 20 ch5: 20 ch6: 20  
 2014-09-01 21:12:54.390 Analog Status  
 2014-09-01 21:12:54.390 Analog Positive Supply: 5.46V  
 2014-09-01 21:12:54.390 Input Voltage: 13.35V  
 2014-09-01 21:12:54.390 System Temperature: 5C  
 2014-09-01 21:12:54.390 Main Current: 61ma  
 2014-09-01 21:12:54.390 Antenna Current: 0ma  
 2014-09-01 21:12:54.390 GPS Status  
 2014-09-01 21:12:54.390 Time: 21:12:53  
 2014-09-01 21:12:54.390 Date:  
 2014-09-01 21:12:54.390 Fix Type: 1-D  
 2014-09-01 21:12:54.390 Height:  
 2014-09-01 21:12:54.390 Latitude:  
 2014-09-01 21:12:54.390 Longitude:  
 2014-09-01 21:12:54.390 On Time: 0min  
 2014-09-01 21:12:54.390 Sat. Used: 0  
 2014-09-01 21:12:54.390 In View: 0  
 2014-09-01 21:12:54.390 Checksum Errors: 0  
 2014-09-01 21:12:54.390 Last GPS timemark: 2014-09-01 21:12:52  
 2014-09-01 21:12:54.390 PLL Status  
 2014-09-01 21:12:54.390 State: Lock  
 2014-09-01 21:12:54.390 Initial VCO: 2201.069092  
 2014-09-01 21:12:54.390 Time Error: 0.000000  
 2014-09-01 21:12:54.390 RMS VCO: 0.0000000  
 2014-09-01 21:12:54.390 Best VCO: 2201.26  
 2014-09-01 21:12:54.390 Seconds Since Track or Lock: 0.0  
 2014-09-01 21:12:54.390 Vco Control: 2201  
 2014-09-01 21:12:54.390 timing mode: external seascan  
 2014-09-01 21:12:54.390 tempco normal  
 2014-09-01 21:12:54.390 PLL update: 10s PLL lock criterion: 5us  
 2014-09-01 21:12:54.390 Pfrac: 150.00  
 2014-09-01 21:12:54.390 VCO slope: -0.0175000  
 2014-09-01 21:12:54.390 VCO intercept: 7.1100001  
 2014-09-01 21:12:54.390 km delta: 600.0000000  
 2014-09-01 21:12:54.390 Logical Port 4 Status  
 2014-09-01 21:12:54.390 Data Packets Sent: 14402736  
 2014-09-01 21:12:54.390 Flood Packets Sent: 0  
 2014-09-01 21:12:54.390 Packets Re-Sent: 22734  
 2014-09-01 21:12:54.390 Sequence Errors: 0  
 2014-09-01 21:12:54.390 Packet Buffer Used: 23131676  
 2014-09-01 21:12:54.390 Physical Port: Ethernet

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2014-09-01 21:12:54.390 Baler Model: 14 Software Version: 2.28
2014-09-01 21:12:54.390 MAC Address: 00:04:FB:00:02:EA
2014-09-01 21:12:54.390 Disk Size: 20000669696
2014-09-01 21:12:54.390 Percent of 1177 data files in use: 28.7
2014-09-01 21:12:54.390 Channels Enabled: 1234 Preamps ON channels:
2014-09-01 21:12:54.390 Channel Sensitivities (uV per count):
2014-09-01 21:12:54.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-01 21:12:54.390 Digitizer Calibration Results:
2014-09-01 21:12:54.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-01 21:12:54.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-01 21:12:54.390 DMU1 Software Version=10
2014-09-01 21:12:54.390 Supply Voltage=12.7
2014-09-01 21:12:54.390 Supply Current=0.41
2014-09-01 21:12:54.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-01 21:12:54.390 WebLink Data Maps Restored
2014-09-01 21:12:54.390 [2014-09-01 09:09:58.000000] sequence resumes: 12812707 to
12812707
2014-09-01 21:12:54.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-01 21:12:53
2014-09-01 21:18:43.820 [2014-09-01 21:18:42.999998] total packets received: 58779
2014-09-01 21:18:43.820 [2014-09-01 21:18:42.999998] command timeouts: 6
2014-09-01 21:18:43.820 [2014-09-01 21:18:42.999998] out of window: 70
2014-09-01 21:18:43.820 written: HHZ-1203 HH1-1463 HH2-1519 BDH-419 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-09-01 21:18:43.820 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-23 LDH-24
VMZ-1 VM1-1
2014-09-01 21:18:43.820 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-09-01 21:18:43.820 [2014-09-01 21:18:42.999998] Done: 4734 recs. seq end:
12856432. run: 345 s
2014-09-02 09:19:36.390
2014-09-02 09:19:36.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-02 09:19:36.390 Control Port 2491 Opened
2014-09-02 09:19:36.390 Baler ready on Ethernet
2014-09-02 09:19:36.390 Power Cycled Baler Acknowledged
2014-09-02 09:19:36.390 Commands Accepted by Q330
2014-09-02 09:19:36.390 Access timeout: 300 sec
2014-09-02 09:19:36.390 Control Port 4023 Opened
2014-09-02 09:19:36.390 Data Port 4024 Opened
2014-09-02 09:19:36.390 Registered with Q330
2014-09-02 09:19:36.390 Combination Record Received
2014-09-02 09:19:36.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-02 09:19:36.390 Link Reset, starting window sequence: 41970
2014-09-02 09:19:36.390 GPS Receiver ID Received
2014-09-02 09:19:36.390 Manufacturer's Data Received, Property Tag=2017
2014-09-02 09:19:36.390 Digitizer Gain & Offsets Received
2014-09-02 09:19:36.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4734 recs.
seq end: 12856432
2014-09-02 09:19:36.390 Baler clock set to 2014-09-02 09:19:35
2014-09-02 09:19:36.390 Starting to Read DP Tokens
2014-09-02 09:19:36.390 DP Tokens loaded, size=1474 bytes
2014-09-02 09:19:36.390 Webserver advertising 192.168.200.119:5380
2014-09-02 09:19:36.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-02 09:19:36.390 filters & delay HH1:2@100,Linear all=0.320000
2014-09-02 09:19:36.390 filters & delay HH2:3@100,Linear all=0.320000
2014-09-02 09:19:36.390 filters & delay BDH:4@20,Linear all=1.650000
2014-09-02 09:19:36.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-02 09:19:36.390 filters & delay LH1:2@1,Linear all=15.000000
2014-09-02 09:19:36.390 filters & delay LH2:3@1,Linear all=15.000000
2014-09-02 09:19:36.390 filters & delay LDH:4@1,Linear all=15.000000
2014-09-02 09:19:36.390 [2014-09-01 21:18:42.999998] continuity found: 12856432
462921523.000000 Q=100
2014-09-02 09:19:36.390 [2014-09-01 21:18:42.999998] restoring continuity
2014-09-02 09:19:36.390 Sending DT_OPEN

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2014-09-02 09:19:36.390 Station: XX-2017  
 2014-09-02 09:19:36.390 Q330 Serial Number: 0100000DB18FC351  
 2014-09-02 09:19:36.390 AMB Serial Number: 0100000B6909DD82  
 2014-09-02 09:19:36.390 Seismo 2 Serial Number: 0000000000000000  
 2014-09-02 09:19:36.390 QAPCHP 1 Serial Number: 4643206  
 2014-09-02 09:19:36.390 QAPCHP 2 Serial Number: 3743050  
 2014-09-02 09:19:36.390 KMI Property Tag Number: 2017  
 2014-09-02 09:19:36.390 System Software Version: 1.146  
 2014-09-02 09:19:36.390 Slave Processor Version: 1.11  
 2014-09-02 09:19:36.390 Calibrator Type: QCAL330  
 2014-09-02 09:19:36.390 Calibrator Version: 1.8  
 2014-09-02 09:19:36.390 Auxiliary Board Type: None  
 2014-09-02 09:19:36.390 Clock Type: Motorola M12  
 2014-09-02 09:19:36.390 PLD Version: 7.9  
 2014-09-02 09:19:36.390 Total Hours: 68725.82  
 2014-09-02 09:19:36.390 Power On Hours: 33356.21  
 2014-09-02 09:19:36.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-02 09:19:36.390 Total Number of Boots: 120  
 2014-09-02 09:19:36.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-02 09:19:36.390 Total Number of Re-Syncs: 213  
 2014-09-02 09:19:36.390 Status Inputs: 00000000  
 2014-09-02 09:19:36.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-09-02 09:19:36.390 Clock Quality: 100%  
 2014-09-02 09:19:36.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-02 09:19:36.390 Clock Phase: 0 usec. max allowed=50000  
 2014-09-02 09:19:36.390 Boom positions:  
 2014-09-02 09:19:36.390 Ch1: -2 Ch2: -8 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-02 09:19:36.390 Analog Status  
 2014-09-02 09:19:36.390 Analog Positive Supply: 5.46V  
 2014-09-02 09:19:36.390 Input Voltage: 13.20V  
 2014-09-02 09:19:36.390 System Temperature: 5C  
 2014-09-02 09:19:36.390 Main Current: 62ma  
 2014-09-02 09:19:36.390 Antenna Current: 0ma  
 2014-09-02 09:19:36.390 GPS Status  
 2014-09-02 09:19:36.390 Time: 09:19:35  
 2014-09-02 09:19:36.390 Date:  
 2014-09-02 09:19:36.390 Fix Type: 1-D  
 2014-09-02 09:19:36.390 Height:  
 2014-09-02 09:19:36.390 Latitude:  
 2014-09-02 09:19:36.390 Longitude:  
 2014-09-02 09:19:36.390 On Time: 0min  
 2014-09-02 09:19:36.390 Sat. Used: 0  
 2014-09-02 09:19:36.390 In View: 0  
 2014-09-02 09:19:36.390 Checksum Errors: 0  
 2014-09-02 09:19:36.390 Last GPS timemark: 2014-09-02 09:19:34  
 2014-09-02 09:19:36.390 PLL Status  
 2014-09-02 09:19:36.390 State: Lock  
 2014-09-02 09:19:36.390 Initial VCO: 2201.227539  
 2014-09-02 09:19:36.390 Time Error: 0.000000  
 2014-09-02 09:19:36.390 RMS VCO: 0.0000000  
 2014-09-02 09:19:36.390 Best VCO: 2201.24  
 2014-09-02 09:19:36.390 Seconds Since Track or Lock: 0.0  
 2014-09-02 09:19:36.390 Vco Control: 2201  
 2014-09-02 09:19:36.390 timing mode: external seascan  
 2014-09-02 09:19:36.390 tempco normal  
 2014-09-02 09:19:36.390 PLL update: 10s PLL lock criterion: 5us  
 2014-09-02 09:19:36.390 Pfrac: 150.00  
 2014-09-02 09:19:36.390 VCO slope: -0.0175000  
 2014-09-02 09:19:36.390 VCO intercept: 7.1100001  
 2014-09-02 09:19:36.390 Km delta: 600.0000000  
 2014-09-02 09:19:36.390 Logical Port 4 Status  
 2014-09-02 09:19:36.390 Data Packets Sent: 14461414  
 2014-09-02 09:19:36.390 Flood Packets Sent: 0

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2014-09-02 09:19:36.390 Packets Re-Sent: 22818
2014-09-02 09:19:36.390 Sequence Errors: 0
2014-09-02 09:19:36.390 Packet Buffer Used: 22442060
2014-09-02 09:19:36.390 Physical Port: Ethernet
2014-09-02 09:19:36.390 Baler Model: 14   Software Version: 2.28
2014-09-02 09:19:36.390 MAC Address: 00:04:FB:00:02:EA
2014-09-02 09:19:36.390 Disk Size: 20000669696
2014-09-02 09:19:36.390 Percent of 1177 data files in use: 28.9
2014-09-02 09:19:36.390 Channels Enabled: 1234   Preamps ON channels:
2014-09-02 09:19:36.390 Channel Sensitivities (uV per count):
2014-09-02 09:19:36.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-02 09:19:36.390 Digitizer Calibration Results:
2014-09-02 09:19:36.390 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-09-02 09:19:36.390 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-09-02 09:19:36.390 DMU1 Software Version=10
2014-09-02 09:19:36.390 Supply Voltage=12.7
2014-09-02 09:19:36.390 Supply Current=0.41
2014-09-02 09:19:36.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-02 09:19:36.390 webLink Data Maps Restored
2014-09-02 09:19:36.390 [2014-09-01 21:18:42.999998] sequence resumes: 12856432 to
12856432
2014-09-02 09:19:36.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-09-02 09:19:35
2014-09-02 09:20:56.030 [2014-09-02 00:00:00.000000] Saving Configuration to Backup
Memory
2014-09-02 09:25:14.130 Reducing Status Polling Interval
2014-09-02 09:25:14.130 [2014-09-02 09:25:14.000000] total packets received: 50944
2014-09-02 09:25:14.130 [2014-09-02 09:25:14.000000] command timeouts: 6
2014-09-02 09:25:14.130 [2014-09-02 09:25:14.000000] out of window: 73
2014-09-02 09:25:14.130 written: HHZ-1135 HH1-1387 HH2-1509 BDH-417 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-02 09:25:14.130 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-19 LH1-23 LH2-24 LDH-24
VMZ-2 VM1-2
2014-09-02 09:25:14.130 written: VM2-2 LOG-3 ACE-2 OCF-2
2014-09-02 09:25:14.130 [2014-09-02 09:25:14.000000] Done: 4584 recs. seq end:
12900023. run: 333 s
2014-09-02 21:26:06.360
2014-09-02 21:26:06.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-02 21:26:06.360 Control Port 2491 Opened
2014-09-02 21:26:06.360 Baler ready on Ethernet
2014-09-02 21:26:06.360 Power Cycled Baler Acknowledged
2014-09-02 21:26:06.360 Commands Accepted by Q330
2014-09-02 21:26:06.360 Access timeout: 300 sec
2014-09-02 21:26:06.360 Control Port 4023 Opened
2014-09-02 21:26:06.360 Data Port 4024 Opened
2014-09-02 21:26:06.360 Registered with Q330
2014-09-02 21:26:06.360 Combination Record Received
2014-09-02 21:26:06.360 window=4   Min. Timeout=10   Max. Timeout=30
2014-09-02 21:26:06.360 Link Reset, starting window sequence: 27269
2014-09-02 21:26:06.360 GPS Receiver ID Received
2014-09-02 21:26:06.360 Manufacturer's Data Received, Property Tag=2017
2014-09-02 21:26:06.360 Digitizer Gain & Offsets Received
2014-09-02 21:26:06.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4584 recs.
seq end: 12900023
2014-09-02 21:26:06.360 Baler clock set to 2014-09-02 21:26:05
2014-09-02 21:26:06.360 Starting to Read DP Tokens
2014-09-02 21:26:06.360 DP Tokens loaded, size=1474 bytes
2014-09-02 21:26:06.360 webserver advertising 192.168.200.119:5380
2014-09-02 21:26:06.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-02 21:26:06.360 filters & delay HH1:2@100,Linear all=0.320000
2014-09-02 21:26:06.360 filters & delay HH2:3@100,Linear all=0.320000
2014-09-02 21:26:06.360 filters & delay BDH:4@20,Linear all=1.650000
2014-09-02 21:26:06.360 filters & delay LHZ:1@1,Linear all=15.000000

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2014-09-02 21:26:06.360 filters & delay LH1:2@1,Linear all=15.000000
2014-09-02 21:26:06.360 filters & delay LH2:3@1,Linear all=15.000000
2014-09-02 21:26:06.360 filters & delay LDH:4@1,Linear all=15.000000
2014-09-02 21:26:06.360 [2014-09-02 09:25:14.000000] continuity found: 12900023
462965114.000000 Q=100
2014-09-02 21:26:06.360 [2014-09-02 09:25:14.000000] restoring continuity
2014-09-02 21:26:06.360 Sending DT_OPEN
2014-09-02 21:26:06.360 Station: XX-2017
2014-09-02 21:26:06.360 Q330 Serial Number: 0100000DB18FC351
2014-09-02 21:26:06.360 AMB Serial Number: 0100000B6909DD82
2014-09-02 21:26:06.360 Seismo 1 Serial Number: 0000000000000000
2014-09-02 21:26:06.360 Seismo 2 Serial Number: 0000000000000000
2014-09-02 21:26:06.360 QAPCHP 1 Serial Number: 4643206
2014-09-02 21:26:06.360 QAPCHP 2 Serial Number: 3743050
2014-09-02 21:26:06.360 KMI Property Tag Number: 2017
2014-09-02 21:26:06.360 System Software Version: 1.146
2014-09-02 21:26:06.360 Slave Processor Version: 1.11
2014-09-02 21:26:06.360 Calibrator Type: QCAL330
2014-09-02 21:26:06.360 Calibrator Version: 1.8
2014-09-02 21:26:06.360 Auxiliary Board Type: None
2014-09-02 21:26:06.360 Clock Type: Motorola M12
2014-09-02 21:26:06.360 PLD Version: 7.9
2014-09-02 21:26:06.360 Total Hours: 68737.93
2014-09-02 21:26:06.360 Power On Hours: 33368.32
2014-09-02 21:26:06.360 Time of Last Boot: 2014-04-06 02:03:58
2014-09-02 21:26:06.360 Total Number of Boots: 120
2014-09-02 21:26:06.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-02 21:26:06.360 Total Number of Re-Syncs: 213
2014-09-02 21:26:06.360 Status Inputs: 00000000
2014-09-02 21:26:06.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-02 21:26:06.360 Clock Quality: 100%
2014-09-02 21:26:06.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-02 21:26:06.360 Clock Phase: 0 usec. max allowed=50000
2014-09-02 21:26:06.360 Boom positions:
2014-09-02 21:26:06.360 Ch1: -2 Ch2: -11 Ch3: 6 Ch4: 20 Ch5: 20 Ch6: 20
2014-09-02 21:26:06.360 Analog Status
2014-09-02 21:26:06.360 Analog Positive Supply: 5.46V
2014-09-02 21:26:06.360 Input Voltage: 13.20V
2014-09-02 21:26:06.360 System Temperature: 5C
2014-09-02 21:26:06.360 Main Current: 62ma
2014-09-02 21:26:06.360 Antenna Current: 0ma
2014-09-02 21:26:06.360 GPS Status
2014-09-02 21:26:06.360 Time: 21:26:05
2014-09-02 21:26:06.360 Date:
2014-09-02 21:26:06.360 Fix Type: 1-D
2014-09-02 21:26:06.360 Height:
2014-09-02 21:26:06.360 Latitude:
2014-09-02 21:26:06.360 Longitude:
2014-09-02 21:26:06.360 On Time: 0min
2014-09-02 21:26:06.360 Sat. Used: 0
2014-09-02 21:26:06.360 In View: 0
2014-09-02 21:26:06.360 Checksum Errors: 0
2014-09-02 21:26:06.360 Last GPS timemark: 2014-09-02 21:26:04
2014-09-02 21:26:06.360 PLL Status
2014-09-02 21:26:06.360 State: Lock
2014-09-02 21:26:06.360 Initial VCO: 2201.007813
2014-09-02 21:26:06.360 Time Error: 0.000000
2014-09-02 21:26:06.360 RMS VCO: 0.0000000
2014-09-02 21:26:06.360 Best VCO: 2201.01
2014-09-02 21:26:06.360 Seconds Since Track or Lock: 0.0
2014-09-02 21:26:06.360 Vco Control: 2201
2014-09-02 21:26:06.360 timing mode: external seascan
2014-09-02 21:26:06.360 tempco normal

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2014-09-02 21:26:06.360 PLL update: 10s PLL lock criterion: 5us  
 2014-09-02 21:26:06.360 Pfrac: 150.00  
 2014-09-02 21:26:06.360 VCO slope: -0.0175000  
 2014-09-02 21:26:06.360 VCO intercept: 7.1100001  
 2014-09-02 21:26:06.360 km delta: 600.0000000  
 2014-09-02 21:26:06.360 Logical Port 4 Status  
 2014-09-02 21:26:06.360 Data Packets Sent: 14512254  
 2014-09-02 21:26:06.360 Flood Packets Sent: 0  
 2014-09-02 21:26:06.360 Packets Re-Sent: 22907  
 2014-09-02 21:26:06.360 Sequence Errors: 0  
 2014-09-02 21:26:06.360 Packet Buffer Used: 22143432  
 2014-09-02 21:26:06.360 Physical Port: Ethernet  
 2014-09-02 21:26:06.360 Baler Model: 14 Software Version: 2.28  
 2014-09-02 21:26:06.360 MAC Address: 00:04:FB:00:02:EA  
 2014-09-02 21:26:06.360 Disk Size: 20000669696  
 2014-09-02 21:26:06.360 Percent of 1177 data files in use: 29.0  
 2014-09-02 21:26:06.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-02 21:26:06.360 Channel Sensitivities (uV per count):  
 2014-09-02 21:26:06.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-02 21:26:06.360 Digitizer Calibration Results:  
 2014-09-02 21:26:06.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-02 21:26:06.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-02 21:26:06.360 DMU1 Software Version=10  
 2014-09-02 21:26:06.360 Supply Voltage=12.8  
 2014-09-02 21:26:06.360 Supply Current=0.41  
 2014-09-02 21:26:06.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-02 21:26:06.360 WebLink Data Maps Restored  
 2014-09-02 21:26:06.360 [2014-09-02 09:25:14.000000] sequence resumes: 12900023 to  
 12900023  
 2014-09-02 21:26:06.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-02 21:26:05  
 2014-09-02 21:31:35.750 [2014-09-02 21:31:22.999998] total packets received: 48564  
 2014-09-02 21:31:35.750 [2014-09-02 21:31:22.999998] command timeouts: 6  
 2014-09-02 21:31:35.750 written: HHZ-1112 HH1-1367 HH2-1478 BDH-420 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-02 21:31:35.750 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-09-02 21:31:35.750 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-09-02 21:31:35.750 [2014-09-02 21:31:22.999998] Done: 4515 recs. seq end:  
 12943592. run: 325 s  
 2014-09-03 09:32:28.420  
 2014-09-03 09:32:28.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-03 09:32:28.420 Control Port 2491 Opened  
 2014-09-03 09:32:28.420 Baler ready on Ethernet  
 2014-09-03 09:32:28.420 Power Cycled Baler Acknowledged  
 2014-09-03 09:32:28.420 Commands Accepted by Q330  
 2014-09-03 09:32:28.420 Access timeout: 300 sec  
 2014-09-03 09:32:28.420 Control Port 4023 Opened  
 2014-09-03 09:32:28.420 Data Port 4024 Opened  
 2014-09-03 09:32:28.420 Registered with Q330  
 2014-09-03 09:32:28.420 Combination Record Received  
 2014-09-03 09:32:28.420 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-03 09:32:28.420 Link Reset, starting window sequence: 10195  
 2014-09-03 09:32:28.420 GPS Receiver ID Received  
 2014-09-03 09:32:28.420 Manufacturer's Data Received, Property Tag=2017  
 2014-09-03 09:32:28.420 Digitizer Gain & Offsets Received  
 2014-09-03 09:32:28.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4515 recs.  
 seq end: 12943592  
 2014-09-03 09:32:28.420 Baler clock set to 2014-09-03 09:32:27  
 2014-09-03 09:32:28.420 Starting to Read DP Tokens  
 2014-09-03 09:32:28.420 DP Tokens loaded, size=1474 bytes  
 2014-09-03 09:32:28.420 Webserver advertising 192.168.200.119:5380  
 2014-09-03 09:32:28.420 filters & delay HHZ:1@100,Linear all=0.320000



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2014-09-03 09:32:28.420 filters & delay HH1:2@100,Linear all=0.320000
2014-09-03 09:32:28.420 filters & delay HH2:3@100,Linear all=0.320000
2014-09-03 09:32:28.420 filters & delay BDH:4@20,Linear all=1.650000
2014-09-03 09:32:28.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-03 09:32:28.420 filters & delay LH1:2@1,Linear all=15.000000
2014-09-03 09:32:28.420 filters & delay LH2:3@1,Linear all=15.000000
2014-09-03 09:32:28.420 filters & delay LDH:4@1,Linear all=15.000000
2014-09-03 09:32:28.420 [2014-09-02 21:31:22.999998] continuity found: 12943592
463008683.000000 Q=100
2014-09-03 09:32:28.420 [2014-09-02 21:31:22.999998] restoring continuity
2014-09-03 09:32:28.420 Sending DT_OPEN
2014-09-03 09:32:28.420 Station: XX-2017
2014-09-03 09:32:28.420 Q330 Serial Number: 0100000DB18FC351
2014-09-03 09:32:28.420 AMB Serial Number: 0100000B6909DD82
2014-09-03 09:32:28.420 Seismo 1 Serial Number: 0000000000000000
2014-09-03 09:32:28.420 Seismo 2 Serial Number: 0000000000000000
2014-09-03 09:32:28.420 QAPCHP 1 Serial Number: 4643206
2014-09-03 09:32:28.420 QAPCHP 2 Serial Number: 3743050
2014-09-03 09:32:28.420 KMI Property Tag Number: 2017
2014-09-03 09:32:28.420 System Software Version: 1.146
2014-09-03 09:32:28.420 Slave Processor Version: 1.11
2014-09-03 09:32:28.420 Calibrator Type: QCAL330
2014-09-03 09:32:28.420 Calibrator Version: 1.8
2014-09-03 09:32:28.420 Auxiliary Board Type: None
2014-09-03 09:32:28.420 Clock Type: Motorola M12
2014-09-03 09:32:28.420 PLD Version: 7.9
2014-09-03 09:32:28.420 Total Hours: 68750.04
2014-09-03 09:32:28.420 Power On Hours: 33380.42
2014-09-03 09:32:28.420 Time of Last Boot: 2014-04-06 02:03:58
2014-09-03 09:32:28.420 Total Number of Boots: 120
2014-09-03 09:32:28.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-03 09:32:28.420 Total Number of Re-Syncs: 213
2014-09-03 09:32:28.420 Status Inputs: 00000000
2014-09-03 09:32:28.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-03 09:32:28.420 Clock Quality: 100%
2014-09-03 09:32:28.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-03 09:32:28.420 Clock Phase: 0 usec. max allowed=50000
2014-09-03 09:32:28.420 Boom positions:
2014-09-03 09:32:28.420 Ch1: -2 ch2: 2 ch3: -4 ch4: 20 ch5: 20 ch6: 20
2014-09-03 09:32:28.420 Analog Status
2014-09-03 09:32:28.420 Analog Positive Supply: 5.46V
2014-09-03 09:32:28.420 Input Voltage: 13.20V
2014-09-03 09:32:28.420 System Temperature: 5C
2014-09-03 09:32:28.420 Main Current: 62ma
2014-09-03 09:32:28.420 Antenna Current: 0ma
2014-09-03 09:32:28.420 GPS Status
2014-09-03 09:32:28.420 Time: 09:32:27
2014-09-03 09:32:28.420 Date:
2014-09-03 09:32:28.420 Fix Type: 1-D
2014-09-03 09:32:28.420 Height:
2014-09-03 09:32:28.420 Latitude:
2014-09-03 09:32:28.420 Longitude:
2014-09-03 09:32:28.420 On Time: 0min
2014-09-03 09:32:28.420 Sat. Used: 0
2014-09-03 09:32:28.420 In View: 0
2014-09-03 09:32:28.420 Checksum Errors: 0
2014-09-03 09:32:28.420 Last GPS timemark: 2014-09-03 09:32:26
2014-09-03 09:32:28.420 PLL Status
2014-09-03 09:32:28.420 State: Lock
2014-09-03 09:32:28.420 Intitial VCO: 2201.088379
2014-09-03 09:32:28.420 Time Error: 0.000000
2014-09-03 09:32:28.420 RMS VCO: 0.0000000
2014-09-03 09:32:28.420 Best VCO: 2201.03

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2014-09-03 09:32:28.420 Seconds Since Track or Lock: 0.0
2014-09-03 09:32:28.420 Vco Control: 2201
2014-09-03 09:32:28.420 timing mode: external seascan
2014-09-03 09:32:28.420 tempco normal
2014-09-03 09:32:28.420 PLL update: 10s PLL lock criterion: 5us
2014-09-03 09:32:28.420 Pfrac: 150.00
2014-09-03 09:32:28.420 VCO slope: -0.0175000
2014-09-03 09:32:28.420 VCO intercept: 7.1100001
2014-09-03 09:32:28.420 km delta: 600.0000000
2014-09-03 09:32:28.420 Logical Port 4 Status
2014-09-03 09:32:28.420 Data Packets Sent: 14560721
2014-09-03 09:32:28.420 Flood Packets Sent: 0
2014-09-03 09:32:28.420 Packets Re-Sent: 22993
2014-09-03 09:32:28.420 Sequence Errors: 0
2014-09-03 09:32:28.420 Packet Buffer Used: 21796752
2014-09-03 09:32:28.420 Physical Port: Ethernet
2014-09-03 09:32:28.420 Baler Model: 14 Software Version: 2.28
2014-09-03 09:32:28.420 MAC Address: 00:04:FB:00:02:EA
2014-09-03 09:32:28.420 Disk Size: 20000669696
2014-09-03 09:32:28.420 Percent of 1177 data files in use: 29.0
2014-09-03 09:32:28.420 Channels Enabled: 1234 Preamps ON channels:
2014-09-03 09:32:28.420 Channel Sensitivities (uV per count):
2014-09-03 09:32:28.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-03 09:32:28.420 Digitizer Calibration Results:
2014-09-03 09:32:28.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-03 09:32:28.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-03 09:32:28.420 DMU1 Software Version=10
2014-09-03 09:32:28.420 Supply Voltage=12.7
2014-09-03 09:32:28.420 Supply Current=0.41
2014-09-03 09:32:28.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-03 09:32:28.420 webLink Data Maps Restored
2014-09-03 09:32:28.420 [2014-09-02 21:31:22.999998] sequence resumes: 12943592 to
12943592
2014-09-03 09:32:28.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-03 09:32:27
2014-09-03 09:32:28.420 [2014-09-02 23:59:59.999998] Saving Configuration to Backup
Memory
2014-09-03 09:37:58.690 [2014-09-03 09:37:28.000000] total packets received: 45440
2014-09-03 09:37:58.690 [2014-09-03 09:37:28.000000] command timeouts: 6
2014-09-03 09:37:58.690 [2014-09-03 09:37:28.000000] out of window: 75
2014-09-03 09:37:58.690 written: HHZ-1085 HH1-1331 HH2-1465 BDH-415 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-09-03 09:37:58.690 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-18 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-09-03 09:37:58.690 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-09-03 09:37:58.690 [2014-09-03 09:37:28.000000] Done: 4428 recs. seq end:
12987157. run: 325 s
2014-09-03 21:38:50.370
2014-09-03 21:38:50.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-03 21:38:50.370 Control Port 2491 Opened
2014-09-03 21:38:50.370 Baler ready on Ethernet
2014-09-03 21:38:50.370 Power Cycled Baler Acknowledged
2014-09-03 21:38:50.370 Commands Accepted by Q330
2014-09-03 21:38:50.370 Access timeout: 300 sec
2014-09-03 21:38:50.370 Control Port 4023 Opened
2014-09-03 21:38:50.370 Data Port 4024 Opened
2014-09-03 21:38:50.370 Registered with Q330
2014-09-03 21:38:50.370 Combination Record Received
2014-09-03 21:38:50.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-03 21:38:50.370 Link Reset, starting window sequence: 55525
2014-09-03 21:38:50.370 GPS Receiver ID Received
2014-09-03 21:38:50.370 Manufacturer's Data Received, Property Tag=2017
2014-09-03 21:38:50.370 Digitizer Gain & Offsets Received

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2014-09-03 21:38:50.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4428 recs.  
seq end: 12987157  
2014-09-03 21:38:50.370 Baler clock set to 2014-09-03 21:38:49  
2014-09-03 21:38:50.370 Starting to Read DP Tokens  
2014-09-03 21:38:50.370 DP Tokens loaded, size=1474 bytes  
2014-09-03 21:38:50.370 webserver advertising 192.168.200.119:5380  
2014-09-03 21:38:50.370 filters & delay HHZ:1@100,Linear all=0.320000  
2014-09-03 21:38:50.370 filters & delay HH1:2@100,Linear all=0.320000  
2014-09-03 21:38:50.370 filters & delay HH2:3@100,Linear all=0.320000  
2014-09-03 21:38:50.370 filters & delay BDH:4@20,Linear all=1.650000  
2014-09-03 21:38:50.370 filters & delay LHZ:1@1,Linear all=15.000000  
2014-09-03 21:38:50.370 filters & delay LH1:2@1,Linear all=15.000000  
2014-09-03 21:38:50.370 filters & delay LH2:3@1,Linear all=15.000000  
2014-09-03 21:38:50.370 filters & delay LDH:4@1,Linear all=15.000000  
2014-09-03 21:38:50.370 [2014-09-03 09:37:28.000000] continuity found: 12987157  
463052248.000000 Q=100  
2014-09-03 21:38:50.370 [2014-09-03 09:37:28.000000] restoring continuity  
2014-09-03 21:38:50.370 Sending DT\_OPEN  
2014-09-03 21:38:50.370 Station: XX-2017  
2014-09-03 21:38:50.370 Q330 Serial Number: 0100000DB18FC351  
2014-09-03 21:38:50.370 AMB Serial Number: 0100000B6909DD82  
2014-09-03 21:38:50.370 Seismo 1 Serial Number: 0000000000000000  
2014-09-03 21:38:50.370 Seismo 2 Serial Number: 0000000000000000  
2014-09-03 21:38:50.370 QAPCHP 1 Serial Number: 4643206  
2014-09-03 21:38:50.370 QAPCHP 2 Serial Number: 3743050  
2014-09-03 21:38:50.370 KMI Property Tag Number: 2017  
2014-09-03 21:38:50.370 System Software Version: 1.146  
2014-09-03 21:38:50.370 Slave Processor Version: 1.11  
2014-09-03 21:38:50.370 Calibrator Type: QCAL330  
2014-09-03 21:38:50.370 Calibrator Version: 1.8  
2014-09-03 21:38:50.370 Auxiliary Board Type: None  
2014-09-03 21:38:50.370 Clock Type: Motorola M12  
2014-09-03 21:38:50.370 PLD Version: 7.9  
2014-09-03 21:38:50.370 Total Hours: 68762.14  
2014-09-03 21:38:50.370 Power On Hours: 33392.53  
2014-09-03 21:38:50.370 Time of Last Boot: 2014-04-06 02:03:58  
2014-09-03 21:38:50.370 Total Number of Boots: 120  
2014-09-03 21:38:50.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-09-03 21:38:50.370 Total Number of Re-Syncs: 213  
2014-09-03 21:38:50.370 Status Inputs: 00000000  
2014-09-03 21:38:50.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-09-03 21:38:50.370 Clock Quality: 100%  
2014-09-03 21:38:50.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-09-03 21:38:50.370 Clock Phase: 0 usec. max allowed=50000  
2014-09-03 21:38:50.370 Boom positions:  
2014-09-03 21:38:50.370 ch1: -2 ch2: 0 ch3: -1 ch4: 20 ch5: 20 ch6: 20  
2014-09-03 21:38:50.370 Analog Status  
2014-09-03 21:38:50.370 Analog Positive Supply: 5.46V  
2014-09-03 21:38:50.370 Input Voltage: 13.35V  
2014-09-03 21:38:50.370 System Temperature: 5C  
2014-09-03 21:38:50.370 Main Current: 61ma  
2014-09-03 21:38:50.370 Antenna Current: 0ma  
2014-09-03 21:38:50.370 GPS Status  
2014-09-03 21:38:50.370 Time: 21:38:48  
2014-09-03 21:38:50.370 Date:  
2014-09-03 21:38:50.370 Fix Type: 1-D  
2014-09-03 21:38:50.370 Height:  
2014-09-03 21:38:50.370 Latitude:  
2014-09-03 21:38:50.370 Longitude:  
2014-09-03 21:38:50.370 On Time: 0min  
2014-09-03 21:38:50.370 In View: 0  
2014-09-03 21:38:50.370 Checksum Errors: 0  
2014-09-03 21:38:50.370 Last GPS timemark: 2014-09-03 21:38:47

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2014-09-03 21:38:50.370 PLL Status
2014-09-03 21:38:50.370 State: Lock
2014-09-03 21:38:50.370 Initial VCO: 2201.157227
2014-09-03 21:38:50.370 Time Error: 0.000000
2014-09-03 21:38:50.370 RMS VCO: 0.0000000
2014-09-03 21:38:50.370 Best VCO: 2201.11
2014-09-03 21:38:50.370 Seconds Since Track or Lock: 0.0
2014-09-03 21:38:50.370 Vco Control: 2201
2014-09-03 21:38:50.370 timing mode: external seascan
2014-09-03 21:38:50.370 tempco normal
2014-09-03 21:38:50.370 PLL update: 10s PLL lock criterion: 5us
2014-09-03 21:38:50.370 Pfrac: 150.00
2014-09-03 21:38:50.370 VCO slope: -0.0175000
2014-09-03 21:38:50.370 VCO intercept: 7.1100001
2014-09-03 21:38:50.370 km delta: 600.0000000
2014-09-03 21:38:50.370 Logical Port 4 Status
2014-09-03 21:38:50.370 Data Packets Sent: 14606056
2014-09-03 21:38:50.370 Flood Packets Sent: 0
2014-09-03 21:38:50.370 Packets Re-Sent: 23084
2014-09-03 21:38:50.370 Sequence Errors: 0
2014-09-03 21:38:50.370 Packet Buffer Used: 22402344
2014-09-03 21:38:50.370 Physical Port: Ethernet
2014-09-03 21:38:50.370 Baler Model: 14 Software Version: 2.28
2014-09-03 21:38:50.370 MAC Address: 00:04:FB:00:02:EA
2014-09-03 21:38:50.370 Disk Size: 20000669696
2014-09-03 21:38:50.370 Percent of 1177 data files in use: 29.1
2014-09-03 21:38:50.370 Channels Enabled: 1234 Preamps ON channels:
2014-09-03 21:38:50.370 Channel Sensitivities (uV per count):
2014-09-03 21:38:50.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-03 21:38:50.370 Digitizer Calibration Results:
2014-09-03 21:38:50.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-03 21:38:50.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-03 21:38:50.370 DMU1 Software Version=10
2014-09-03 21:38:50.370 Supply Voltage=12.8
2014-09-03 21:38:50.370 Supply Current=0.41
2014-09-03 21:38:50.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-03 21:38:50.370 webLink Data Maps Restored
2014-09-03 21:38:50.370 [2014-09-03 09:37:28.000000] sequence resumes: 12987157 to
12987157
2014-09-03 21:38:50.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-03 21:38:49
2014-09-03 21:44:27.070 Reducing Status Polling Interval
2014-09-03 21:44:27.070 [2014-09-03 21:44:26.000000] total packets received: 48273
2014-09-03 21:44:27.070 [2014-09-03 21:44:26.000000] command timeouts: 6
2014-09-03 21:44:27.070 [2014-09-03 21:44:26.000000] out of window: 76
2014-09-03 21:44:27.070 written: HHZ-1144 HH1-1414 HH2-1463 BDH-420 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-09-03 21:44:27.070 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-19 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-09-03 21:44:27.070 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-09-03 21:44:27.070 [2014-09-03 21:44:26.000000] Done: 4575 recs. seq end:
13030775. run: 332 s
2014-09-04 09:45:20.340
2014-09-04 09:45:20.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-04 09:45:20.340 Control Port 2491 Opened
2014-09-04 09:45:20.340 Baler ready on Ethernet
2014-09-04 09:45:20.340 Power Cycled Baler Acknowledged
2014-09-04 09:45:20.340 Commands Accepted by Q330
2014-09-04 09:45:20.340 Access timeout: 300 sec
2014-09-04 09:45:20.340 Control Port 4023 Opened
2014-09-04 09:45:20.340 Data Port 4024 Opened
2014-09-04 09:45:20.340 Registered with Q330
2014-09-04 09:45:20.340 Combination Record Received

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2014-09-04 09:45:20.340 window=4   Min. Timeout=10   Max. Timeout=30
2014-09-04 09:45:20.340 Link Reset, starting window sequence: 38150
2014-09-04 09:45:20.340 GPS Receiver ID Received
2014-09-04 09:45:20.340 Manufacturer's Data Received, Property Tag=2017
2014-09-04 09:45:20.340 Digitizer Gain & Offsets Received
2014-09-04 09:45:20.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4575 recs.
seq end: 13030775
2014-09-04 09:45:20.340 Baler clock set to 2014-09-04 09:45:19
2014-09-04 09:45:20.340 Starting to Read DP Tokens
2014-09-04 09:45:20.340 DP Tokens loaded, size=1474 bytes
2014-09-04 09:45:20.340 webserver advertising 192.168.200.119:5380
2014-09-04 09:45:20.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-04 09:45:20.340 filters & delay HH1:2@100,Linear all=0.320000
2014-09-04 09:45:20.340 filters & delay HH2:3@100,Linear all=0.320000
2014-09-04 09:45:20.340 filters & delay BDH:4@20,Linear all=1.650000
2014-09-04 09:45:20.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-04 09:45:20.340 filters & delay LH1:2@1,Linear all=15.000000
2014-09-04 09:45:20.340 filters & delay LH2:3@1,Linear all=15.000000
2014-09-04 09:45:20.340 filters & delay LDH:4@1,Linear all=15.000000
2014-09-04 09:45:20.340 [2014-09-03 21:44:26.000000] continuity found: 13030775
463095866.000000 Q=100
2014-09-04 09:45:20.340 [2014-09-03 21:44:26.000000] restoring continuity
2014-09-04 09:45:20.340 Sending DT_OPEN
2014-09-04 09:45:20.340 Station: XX-2017
2014-09-04 09:45:20.340 Q330 Serial Number: 0100000DB18FC351
2014-09-04 09:45:20.340 AMB Serial Number: 0100000B6909DD82
2014-09-04 09:45:20.340 Seismo 1 Serial Number: 0000000000000000
2014-09-04 09:45:20.340 Seismo 2 Serial Number: 0000000000000000
2014-09-04 09:45:20.340 QAPCHP 1 Serial Number: 4643206
2014-09-04 09:45:20.340 QAPCHP 2 Serial Number: 3743050
2014-09-04 09:45:20.340 KMI Property Tag Number: 2017
2014-09-04 09:45:20.340 System Software Version: 1.146
2014-09-04 09:45:20.340 Slave Processor Version: 1.11
2014-09-04 09:45:20.340 Calibrator Type: QCAL330
2014-09-04 09:45:20.340 Calibrator Version: 1.8
2014-09-04 09:45:20.340 Auxiliary Board Type: None
2014-09-04 09:45:20.340 Clock Type: Motorola M12
2014-09-04 09:45:20.340 PLD Version: 7.9
2014-09-04 09:45:20.340 Total Hours: 68774.25
2014-09-04 09:45:20.340 Power On Hours: 33404.64
2014-09-04 09:45:20.340 Time of Last Boot: 2014-04-06 02:03:58
2014-09-04 09:45:20.340 Total Number of Boots: 120
2014-09-04 09:45:20.340 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-04 09:45:20.340 Total Number of Re-Syncs: 213
2014-09-04 09:45:20.340 Status Inputs: 00000000
2014-09-04 09:45:20.340 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-09-04 09:45:20.340 Clock Quality: 100%
2014-09-04 09:45:20.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-04 09:45:20.340 Clock Phase: 0 usec. max allowed=50000
2014-09-04 09:45:20.340 Boom positions:
2014-09-04 09:45:20.340 ch1: -2 ch2: -3 ch3: 2 ch4: 20 ch5: 20 ch6: 20
2014-09-04 09:45:20.340 Analog Status
2014-09-04 09:45:20.340 Analog Positive Supply: 5.46V
2014-09-04 09:45:20.340 Input Voltage: 13.35V
2014-09-04 09:45:20.340 System Temperature: 5C
2014-09-04 09:45:20.340 Main Current: 61ma
2014-09-04 09:45:20.340 Antenna Current: 0ma
2014-09-04 09:45:20.340 GPS Status
2014-09-04 09:45:20.340 Time: 09:45:19
2014-09-04 09:45:20.340 Date:
2014-09-04 09:45:20.340 Fix Type: 1-D
2014-09-04 09:45:20.340 Height:
2014-09-04 09:45:20.340 Latitude:

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2014-09-04 09:45:20.340 Longitude:  
 2014-09-04 09:45:20.340 On Time: 0min  
 2014-09-04 09:45:20.340 Sat. Used: 0  
 2014-09-04 09:45:20.340 In View: 0  
 2014-09-04 09:45:20.340 Checksum Errors: 0  
 2014-09-04 09:45:20.340 Last GPS timemark: 2014-09-04 09:45:18  
 2014-09-04 09:45:20.340 PLL Status  
 2014-09-04 09:45:20.340 State: Lock  
 2014-09-04 09:45:20.340 Initial VCO: 2201.277344  
 2014-09-04 09:45:20.340 Time Error: 0.000000  
 2014-09-04 09:45:20.340 RMS VCO: 0.000000  
 2014-09-04 09:45:20.340 Best VCO: 2201.26  
 2014-09-04 09:45:20.340 Seconds Since Track or Lock: 0.0  
 2014-09-04 09:45:20.340 Vco Control: 2201  
 2014-09-04 09:45:20.340 timing mode: external seascan  
 2014-09-04 09:45:20.340 tempco normal  
 2014-09-04 09:45:20.340 PLL update: 10s PLL lock criterion: 5us  
 2014-09-04 09:45:20.340 Pfrac: 150.00  
 2014-09-04 09:45:20.340 VCO slope: -0.0175000  
 2014-09-04 09:45:20.340 VCO intercept: 7.1100001  
 2014-09-04 09:45:20.340 km delta: 600.000000  
 2014-09-04 09:45:20.340 Logical Port 4 Status  
 2014-09-04 09:45:20.340 Data Packets Sent: 14654222  
 2014-09-04 09:45:20.340 Flood Packets Sent: 0  
 2014-09-04 09:45:20.340 Packets Re-Sent: 23176  
 2014-09-04 09:45:20.340 Sequence Errors: 0  
 2014-09-04 09:45:20.340 Packet Buffer Used: 21812440  
 2014-09-04 09:45:20.340 Physical Port: Ethernet  
 2014-09-04 09:45:20.340 Baler Model: 14 Software Version: 2.28  
 2014-09-04 09:45:20.340 MAC Address: 00:04:FB:00:02:EA  
 2014-09-04 09:45:20.340 Disk Size: 20000669696  
 2014-09-04 09:45:20.340 Percent of 1177 data files in use: 29.1  
 2014-09-04 09:45:20.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-04 09:45:20.340 Channel sensitivities (uV per count):  
 2014-09-04 09:45:20.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-04 09:45:20.340 Digitizer Calibration Results:  
 2014-09-04 09:45:20.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-04 09:45:20.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-04 09:45:20.340 DMU1 Software Version=10  
 2014-09-04 09:45:20.340 Supply Voltage=12.7  
 2014-09-04 09:45:20.340 Supply Current=0.40  
 2014-09-04 09:45:20.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-04 09:45:20.340 webLink Data Maps Restored  
 2014-09-04 09:45:20.340 [2014-09-03 21:44:26.000000] sequence resumes: 13030775 to  
 13030775  
 2014-09-04 09:45:20.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-04 09:45:19  
 2014-09-04 09:45:20.340 [2014-09-04 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-09-04 09:50:46.050 Reducing Status Polling Interval  
 2014-09-04 09:50:46.050 [2014-09-04 09:50:46.000000] total packets received: 46181  
 2014-09-04 09:50:46.050 [2014-09-04 09:50:46.000000] command timeouts: 6  
 2014-09-04 09:50:46.050 [2014-09-04 09:50:46.000000] out of window: 62  
 2014-09-04 09:50:46.050 written: HHZ-1127 HH1-1331 HH2-1426 BDH-413 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-04 09:50:46.050 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-18 LH1-23 LH2-23 LDH-23  
 VMZ-2 VM1-2  
 2014-09-04 09:50:46.050 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-09-04 09:50:46.050 [2014-09-04 09:50:46.000000] Done: 4432 recs. seq end:  
 13074355. run: 321 s  
 2014-09-04 21:51:39.380  
 2014-09-04 21:51:39.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-04 21:51:39.380 Control Port 2491 Opened

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2014-09-04 21:51:39.380 Baler ready on Ethernet
2014-09-04 21:51:39.380 Power Cycled Baler Acknowledged
2014-09-04 21:51:39.380 Commands Accepted by Q330
2014-09-04 21:51:39.380 Access timeout: 300 sec
2014-09-04 21:51:39.380 Control Port 4023 Opened
2014-09-04 21:51:39.380 Data Port 4024 Opened
2014-09-04 21:51:39.380 Registered with Q330
2014-09-04 21:51:39.380 Combination Record Received
2014-09-04 21:51:39.380 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-04 21:51:39.380 Link Reset, starting window sequence: 18698
2014-09-04 21:51:39.380 GPS Receiver ID Received
2014-09-04 21:51:39.380 Manufacturer's Data Received, Property Tag=2017
2014-09-04 21:51:39.380 Digitizer Gain & Offsets Received
2014-09-04 21:51:39.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4432 recs.
seq end: 13074355
2014-09-04 21:51:39.380 Baler clock set to 2014-09-04 21:51:38
2014-09-04 21:51:39.380 Starting to Read DP Tokens
2014-09-04 21:51:39.380 DP Tokens loaded, size=1474 bytes
2014-09-04 21:51:39.380 webserver advertising 192.168.200.119:5380
2014-09-04 21:51:39.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-04 21:51:39.380 filters & delay HH1:2@100,Linear all=0.320000
2014-09-04 21:51:39.380 filters & delay HH2:3@100,Linear all=0.320000
2014-09-04 21:51:39.380 filters & delay BDH:4@20,Linear all=1.650000
2014-09-04 21:51:39.380 filters & delay LH1:2@1,Linear all=15.000000
2014-09-04 21:51:39.380 filters & delay LH2:3@1,Linear all=15.000000
2014-09-04 21:51:39.380 filters & delay LDH:4@1,Linear all=15.000000
2014-09-04 21:51:39.380 [2014-09-04 09:50:46.000000] continuity found: 13074355
463139446.000000 Q=100
2014-09-04 21:51:39.380 [2014-09-04 09:50:46.000000] restoring continuity
2014-09-04 21:51:39.380 Sending DT_OPEN
2014-09-04 21:51:39.380 Station: XX-2017
2014-09-04 21:51:39.380 Q330 Serial Number: 0100000DB18FC351
2014-09-04 21:51:39.380 AMB Serial Number: 0100000B6909DD82
2014-09-04 21:51:39.380 Seismo 1 Serial Number: 0000000000000000
2014-09-04 21:51:39.380 Seismo 2 Serial Number: 0000000000000000
2014-09-04 21:51:39.380 QAPCHP 1 Serial Number: 4643206
2014-09-04 21:51:39.380 QAPCHP 2 Serial Number: 3743050
2014-09-04 21:51:39.380 KMI Property Tag Number: 2017
2014-09-04 21:51:39.380 System Software Version: 1.146
2014-09-04 21:51:39.380 Slave Processor Version: 1.11
2014-09-04 21:51:39.380 Calibrator Type: QCAL330
2014-09-04 21:51:39.380 Calibrator Version: 1.8
2014-09-04 21:51:39.380 Auxiliary Board Type: None
2014-09-04 21:51:39.380 Clock Type: Motorola M12
2014-09-04 21:51:39.380 PLD Version: 7.9
2014-09-04 21:51:39.380 Total Hours: 68786.36
2014-09-04 21:51:39.380 Power On Hours: 33416.74
2014-09-04 21:51:39.380 Time of Last Boot: 2014-04-06 02:03:58
2014-09-04 21:51:39.380 Total Number of Boots: 120
2014-09-04 21:51:39.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-04 21:51:39.380 Total Number of Re-Syncs: 213
2014-09-04 21:51:39.380 Status Inputs: 00000000
2014-09-04 21:51:39.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-04 21:51:39.380 Clock Quality: 100%
2014-09-04 21:51:39.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-04 21:51:39.380 Clock Phase: 0 usec. max allowed=50000
2014-09-04 21:51:39.380 Boom positions:
2014-09-04 21:51:39.380 ch1: -2 ch2: -5 ch3: 4 ch4: 20 ch5: 20 ch6: 20
2014-09-04 21:51:39.380 Analog Status
2014-09-04 21:51:39.380 Analog Positive Supply: 5.46V
2014-09-04 21:51:39.380 Input Voltage: 13.35V
2014-09-04 21:51:39.380 System Temperature: 5C
2014-09-04 21:51:39.380 Main Current: 62ma

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2014-09-04 21:51:39.380 Antenna Current: 0ma  
 2014-09-04 21:51:39.380 GPS Status  
 2014-09-04 21:51:39.380 Time: 21:51:38  
 2014-09-04 21:51:39.380 Date:  
 2014-09-04 21:51:39.380 Fix Type: 1-D  
 2014-09-04 21:51:39.380 Height:  
 2014-09-04 21:51:39.380 Latitude:  
 2014-09-04 21:51:39.380 Longitude:  
 2014-09-04 21:51:39.380 On Time: 0min  
 2014-09-04 21:51:39.380 Sat. Used: 0  
 2014-09-04 21:51:39.380 In View: 0  
 2014-09-04 21:51:39.380 Checksum Errors: 0  
 2014-09-04 21:51:39.380 Last GPS timemark: 2014-09-04 21:51:37  
 2014-09-04 21:51:39.380 PLL Status  
 2014-09-04 21:51:39.380 State: Lock  
 2014-09-04 21:51:39.380 Initial VCO: 2201.492676  
 2014-09-04 21:51:39.380 Time Error: 0.000000  
 2014-09-04 21:51:39.380 RMS VCO: 0.0000000  
 2014-09-04 21:51:39.380 Best VCO: 2201.47  
 2014-09-04 21:51:39.380 Seconds Since Track or Lock: 0.0  
 2014-09-04 21:51:39.380 Vco Control: 2201  
 2014-09-04 21:51:39.380 timing mode: external seascan  
 2014-09-04 21:51:39.380 tempco normal  
 2014-09-04 21:51:39.380 PLL update: 10s PLL lock criterion: 5us  
 2014-09-04 21:51:39.380 Pfrac: 150.00  
 2014-09-04 21:51:39.380 VCO slope: -0.0175000  
 2014-09-04 21:51:39.380 VCO intercept: 7.1100001  
 2014-09-04 21:51:39.380 Km delta: 600.0000000  
 2014-09-04 21:51:39.380 Logical Port 4 Status  
 2014-09-04 21:51:39.380 Data Packets Sent: 14700311  
 2014-09-04 21:51:39.380 Flood Packets Sent: 0  
 2014-09-04 21:51:39.380 Packets Re-Sent: 23253  
 2014-09-04 21:51:39.380 Sequence Errors: 0  
 2014-09-04 21:51:39.380 Packet Buffer Used: 22220624  
 2014-09-04 21:51:39.380 Physical Port: Ethernet  
 2014-09-04 21:51:39.380 Baler Model: 14 Software Version: 2.28  
 2014-09-04 21:51:39.380 MAC Address: 00:04:FB:00:02:EA  
 2014-09-04 21:51:39.380 Disk Size: 20000669696  
 2014-09-04 21:51:39.380 Percent of 1177 data files in use: 29.3  
 2014-09-04 21:51:39.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-04 21:51:39.380 Channel Sensitivities (uV per count):  
 2014-09-04 21:51:39.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-04 21:51:39.380 Digitizer Calibration Results:  
 2014-09-04 21:51:39.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-04 21:51:39.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-04 21:51:39.380 DMU1 Software Version=10  
 2014-09-04 21:51:39.380 Supply Voltage=12.7  
 2014-09-04 21:51:39.380 Supply Current=0.41  
 2014-09-04 21:51:39.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-04 21:51:39.380 WebLink Data Maps Restored  
 2014-09-04 21:51:39.380 [2014-09-04 09:50:46.000000] sequence resumes: 13074355 to 13074355  
 2014-09-04 21:51:39.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-04 21:51:38  
 2014-09-04 21:57:15.910 Reducing Status Polling Interval  
 2014-09-04 21:57:15.910 [2014-09-04 21:57:14.999998] total packets received: 46674  
 2014-09-04 21:57:15.910 [2014-09-04 21:57:14.999998] command timeouts: 6  
 2014-09-04 21:57:15.910 [2014-09-04 21:57:14.999998] out of window: 84  
 2014-09-04 21:57:15.910 written: HHZ-1159 HH1-1368 HH2-1451 BDH-410 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-09-04 21:57:15.910 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-18 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-09-04 21:57:15.910 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1



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2014-09-04 21:57:15.910 [2014-09-04 21:57:14.999998] Done: 4515 recs. seq end:
13117944. run: 331 s
2014-09-05 09:58:08.420
2014-09-05 09:58:08.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-05 09:58:08.420 Control Port 2491 Opened
2014-09-05 09:58:08.420 Baler ready on Ethernet
2014-09-05 09:58:08.420 Power Cycled Baler Acknowledged
2014-09-05 09:58:08.420 Commands Accepted by Q330
2014-09-05 09:58:08.420 Access timeout: 300 sec
2014-09-05 09:58:08.420 Control Port 4023 Opened
2014-09-05 09:58:08.420 Data Port 4024 Opened
2014-09-05 09:58:08.420 Registered with Q330
2014-09-05 09:58:08.420 Combination Record Received
2014-09-05 09:58:08.420 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-05 09:58:08.420 Link Reset, starting window sequence: 65252
2014-09-05 09:58:08.420 GPS Receiver ID Received
2014-09-05 09:58:08.420 Manufacturer's Data Received, Property Tag=2017
2014-09-05 09:58:08.420 Digitizer Gain & Offsets Received
2014-09-05 09:58:08.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4515 recs.
seq end: 13117944
2014-09-05 09:58:08.420 Baler clock set to 2014-09-05 09:58:07
2014-09-05 09:58:08.420 Starting to Read DP Tokens
2014-09-05 09:58:08.420 DP Tokens loaded, size=1474 bytes
2014-09-05 09:58:08.420 Webserver advertising 192.168.200.119:5380
2014-09-05 09:58:08.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-05 09:58:08.420 filters & delay HH1:2@100,Linear all=0.320000
2014-09-05 09:58:08.420 filters & delay HH2:3@100,Linear all=0.320000
2014-09-05 09:58:08.420 filters & delay BDH:4@20,Linear all=1.650000
2014-09-05 09:58:08.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-05 09:58:08.420 filters & delay LH1:2@1,Linear all=15.000000
2014-09-05 09:58:08.420 filters & delay LH2:3@1,Linear all=15.000000
2014-09-05 09:58:08.420 filters & delay LDH:4@1,Linear all=15.000000
2014-09-05 09:58:08.420 [2014-09-04 21:57:14.999998] continuity found: 13117944
463183035.000000 Q=100
2014-09-05 09:58:08.420 [2014-09-04 21:57:14.999998] restoring continuity
2014-09-05 09:58:08.420 Sending DT_OPEN
2014-09-05 09:58:08.420 Station: XX-2017
2014-09-05 09:58:08.420 Q330 Serial Number: 0100000DB18FC351
2014-09-05 09:58:08.420 AMB Serial Number: 0100000B6909DD82
2014-09-05 09:58:08.420 Seismo 1 Serial Number: 0000000000000000
2014-09-05 09:58:08.420 Seismo 2 Serial Number: 0000000000000000
2014-09-05 09:58:08.420 QAPCHP 1 Serial Number: 4643206
2014-09-05 09:58:08.420 QAPCHP 2 Serial Number: 3743050
2014-09-05 09:58:08.420 KMI Property Tag Number: 2017
2014-09-05 09:58:08.420 System Software Version: 1.146
2014-09-05 09:58:08.420 Slave Processor Version: 1.11
2014-09-05 09:58:08.420 Calibrator Type: QCAL330
2014-09-05 09:58:08.420 Calibrator Version: 1.8
2014-09-05 09:58:08.420 Auxiliary Board Type: None
2014-09-05 09:58:08.420 Clock Type: Motorola M12
2014-09-05 09:58:08.420 PLD Version: 7.9
2014-09-05 09:58:08.420 Total Hours: 68798.47
2014-09-05 09:58:08.420 Power On Hours: 33428.85
2014-09-05 09:58:08.420 Time of Last Boot: 2014-04-06 02:03:58
2014-09-05 09:58:08.420 Total Number of Boots: 120
2014-09-05 09:58:08.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-05 09:58:08.420 Total Number of Re-Syncs: 213
2014-09-05 09:58:08.420 Status Inputs: 00000000
2014-09-05 09:58:08.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-05 09:58:08.420 Clock Quality: 100%
2014-09-05 09:58:08.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-05 09:58:08.420 Clock Phase: 0 usec. max allowed=50000
2014-09-05 09:58:08.420 Boom positions:

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2014-09-05 09:58:08.420 Ch1: -2 Ch2: -8 Ch3: 6 Ch4: 20 Ch5: 20 Ch6: 20
2014-09-05 09:58:08.420 Analog Status
2014-09-05 09:58:08.420 Analog Positive Supply: 5.46V
2014-09-05 09:58:08.420 Input Voltage: 13.20V
2014-09-05 09:58:08.420 System Temperature: 5C
2014-09-05 09:58:08.420 Main Current: 63ma
2014-09-05 09:58:08.420 Antenna Current: 0ma
2014-09-05 09:58:08.420 GPS Status
2014-09-05 09:58:08.420 Time: 09:58:07
2014-09-05 09:58:08.420 Date:
2014-09-05 09:58:08.420 Fix Type: 1-D
2014-09-05 09:58:08.420 Height:
2014-09-05 09:58:08.420 Latitude:
2014-09-05 09:58:08.420 Longitude:
2014-09-05 09:58:08.420 On Time: 0min
2014-09-05 09:58:08.420 Sat. Used: 0
2014-09-05 09:58:08.420 In View: 0
2014-09-05 09:58:08.420 Checksum Errors: 0
2014-09-05 09:58:08.420 Last GPS timemark: 2014-09-05 09:58:06
2014-09-05 09:58:08.420 PLL Status
2014-09-05 09:58:08.420 State: Lock
2014-09-05 09:58:08.420 Initial VCO: 2201.794434
2014-09-05 09:58:08.420 Time Error: 0.000000
2014-09-05 09:58:08.420 RMS VCO: 0.0000000
2014-09-05 09:58:08.420 Best VCO: 2202.09
2014-09-05 09:58:08.420 Seconds Since Track or Lock: 0.0
2014-09-05 09:58:08.420 Vco Control: 2202
2014-09-05 09:58:08.420 timing mode: external seacan
2014-09-05 09:58:08.420 tempco normal
2014-09-05 09:58:08.420 PLL update: 10s PLL lock criterion: 5us
2014-09-05 09:58:08.420 Pfrac: 150.00
2014-09-05 09:58:08.420 VCO slope: -0.0175000
2014-09-05 09:58:08.420 VCO intercept: 7.1100001
2014-09-05 09:58:08.420 Km delta: 600.0000000
2014-09-05 09:58:08.420 Logical Port 4 Status
2014-09-05 09:58:08.420 Data Packets Sent: 14746870
2014-09-05 09:58:08.420 Flood Packets Sent: 0
2014-09-05 09:58:08.420 Packets Re-Sent: 23348
2014-09-05 09:58:08.420 Sequence Errors: 0
2014-09-05 09:58:08.420 Packet Buffer Used: 21927540
2014-09-05 09:58:08.420 Physical Port: Ethernet
2014-09-05 09:58:08.420 Baler Model: 14 Software Version: 2.28
2014-09-05 09:58:08.420 MAC Address: 00:04:FB:00:02:EA
2014-09-05 09:58:08.420 Disk Size: 20000669696
2014-09-05 09:58:08.420 Percent of 1177 data files in use: 29.5
2014-09-05 09:58:08.420 Channels Enabled: 1234 Preamps ON channels:
2014-09-05 09:58:08.420 Channel Sensitivities (uV per count):
2014-09-05 09:58:08.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-05 09:58:08.420 Digitizer Calibration Results:
2014-09-05 09:58:08.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-05 09:58:08.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-05 09:58:08.420 DMU1 Software Version=10
2014-09-05 09:58:08.420 Supply Current=0.41
2014-09-05 09:58:08.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-05 09:58:08.420 webLink Data Maps Restored
2014-09-05 09:58:08.420 [2014-09-04 21:57:14.999998] sequence resumes: 13117944 to
13117944
2014-09-05 09:58:08.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-05 09:58:07
2014-09-05 09:58:08.420 [2014-09-05 00:00:00.000000] saving Configuration to Backup
Memory
2014-09-05 10:03:44.350 Reducing Status Polling Interval
2014-09-05 10:03:44.350 [2014-09-05 10:03:43.000000] total packets received: 48214

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2014-09-05 10:03:44.350 [2014-09-05 10:03:43.000000] command timeouts: 6
2014-09-05 10:03:44.350 [2014-09-05 10:03:43.000000] out of window: 74
2014-09-05 10:03:44.350 written: HHZ-1154 HH1-1328 HH2-1434 BDH-402 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-05 10:03:44.350 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-18 LH1-24 LH2-24 LDH-23
VMZ-2 VM1-2
2014-09-05 10:03:44.350 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-09-05 10:03:44.350 [2014-09-05 10:03:43.000000] Done: 4453 recs. seq end:
13161532. run: 331 s
2014-09-05 22:04:37.400
2014-09-05 22:04:37.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-05 22:04:37.400 Control Port 2491 Opened
2014-09-05 22:04:37.400 Baler ready on Ethernet
2014-09-05 22:04:37.400 Power Cycled Baler Acknowledged
2014-09-05 22:04:37.400 Commands Accepted by Q330
2014-09-05 22:04:37.400 Access timeout: 300 sec
2014-09-05 22:04:37.400 Control Port 4023 Opened
2014-09-05 22:04:37.400 Data Port 4024 Opened
2014-09-05 22:04:37.400 Registered with Q330
2014-09-05 22:04:37.400 Combination Record Received
2014-09-05 22:04:37.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-05 22:04:37.400 Link Reset, starting window sequence: 47820
2014-09-05 22:04:37.400 GPS Receiver ID Received
2014-09-05 22:04:37.400 Manufacturer's Data Received, Property Tag=2017
2014-09-05 22:04:37.400 Digitizer Gain & Offsets Received
2014-09-05 22:04:37.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4453 recs.
seq end: 13161532
2014-09-05 22:04:37.400 Baler clock set to 2014-09-05 22:04:36
2014-09-05 22:04:37.400 Starting to Read DP Tokens
2014-09-05 22:04:37.400 DP Tokens loaded, size=1474 bytes
2014-09-05 22:04:37.400 webserver advertising 192.168.200.119:5380
2014-09-05 22:04:37.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-05 22:04:37.400 filters & delay HH1:2@100,Linear all=0.320000
2014-09-05 22:04:37.400 filters & delay HH2:3@100,Linear all=0.320000
2014-09-05 22:04:37.400 filters & delay BDH:4@20,Linear all=1.650000
2014-09-05 22:04:37.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-05 22:04:37.400 filters & delay LH1:2@1,Linear all=15.000000
2014-09-05 22:04:37.400 filters & delay LH2:3@1,Linear all=15.000000
2014-09-05 22:04:37.400 filters & delay LDH:4@1,Linear all=15.000000
2014-09-05 22:04:37.400 [2014-09-05 10:03:43.000000] continuity found: 13161532
463226623.000000 Q=100
2014-09-05 22:04:37.400 [2014-09-05 10:03:43.000000] restoring continuity
2014-09-05 22:04:37.400 Sending DT_OPEN
2014-09-05 22:04:37.400 Station: XX-2017
2014-09-05 22:04:37.400 Q330 Serial Number: 0100000DB18FC351
2014-09-05 22:04:37.400 AMB Serial Number: 0100000B6909DD82
2014-09-05 22:04:37.400 Seismo 1 Serial Number: 0000000000000000
2014-09-05 22:04:37.400 Seismo 2 Serial Number: 0000000000000000
2014-09-05 22:04:37.400 QAPCHP 1 Serial Number: 4643206
2014-09-05 22:04:37.400 QAPCHP 2 Serial Number: 3743050
2014-09-05 22:04:37.400 KMI Property Tag Number: 2017
2014-09-05 22:04:37.400 System Software Version: 1.146
2014-09-05 22:04:37.400 Slave Processor Version: 1.11
2014-09-05 22:04:37.400 Calibrator Type: QCAL330
2014-09-05 22:04:37.400 Calibrator Version: 1.8
2014-09-05 22:04:37.400 Auxiliary Board Type: None
2014-09-05 22:04:37.400 Clock Type: Motorola M12
2014-09-05 22:04:37.400 PLD Version: 7.9
2014-09-05 22:04:37.400 Total Hours: 68810.58
2014-09-05 22:04:37.400 Power On Hours: 33440.96
2014-09-05 22:04:37.400 Time of Last Boot: 2014-04-06 02:03:58
2014-09-05 22:04:37.400 Total Number of Boots: 120
2014-09-05 22:04:37.400 Time of Last Re-Sync: 2014-04-06 02:17:08

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2014-09-05 22:04:37.400 Total Number of Re-Syncs: 213  
 2014-09-05 22:04:37.400 Status Inputs: 00000000  
 2014-09-05 22:04:37.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-05 22:04:37.400 Clock Quality: 100%  
 2014-09-05 22:04:37.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-05 22:04:37.400 Clock Phase: 0 usec. max allowed=50000  
 2014-09-05 22:04:37.400 Boom positions:  
 2014-09-05 22:04:37.400 ch1: -2 ch2: -11 ch3: 10 ch4: 20 ch5: 20 ch6: 20  
 2014-09-05 22:04:37.400 Analog Status  
 2014-09-05 22:04:37.400 Analog Positive Supply: 5.46V  
 2014-09-05 22:04:37.400 Input Voltage: 13.20V  
 2014-09-05 22:04:37.400 System Temperature: 5C  
 2014-09-05 22:04:37.400 Main Current: 62ma  
 2014-09-05 22:04:37.400 Antenna Current: 0ma  
 2014-09-05 22:04:37.400 GPS Status  
 2014-09-05 22:04:37.400 Time: 22:04:36  
 2014-09-05 22:04:37.400 Date:  
 2014-09-05 22:04:37.400 Fix Type: 1-D  
 2014-09-05 22:04:37.400 Height:  
 2014-09-05 22:04:37.400 Latitude:  
 2014-09-05 22:04:37.400 Longitude:  
 2014-09-05 22:04:37.400 On Time: 0min  
 2014-09-05 22:04:37.400 Sat. Used: 0  
 2014-09-05 22:04:37.400 In View: 0  
 2014-09-05 22:04:37.400 Checksum Errors: 0  
 2014-09-05 22:04:37.400 Last GPS timemark: 2014-09-05 22:04:35  
 2014-09-05 22:04:37.400 PLL Status  
 2014-09-05 22:04:37.400 State: Lock  
 2014-09-05 22:04:37.400 Initial VCO: 2202.148438  
 2014-09-05 22:04:37.400 Time Error: -0.000001  
 2014-09-05 22:04:37.400 RMS VCO: 0.0000000  
 2014-09-05 22:04:37.400 Best VCO: 2202.17  
 2014-09-05 22:04:37.400 Seconds Since Track or Lock: 0.0  
 2014-09-05 22:04:37.400 Vco Control: 2202  
 2014-09-05 22:04:37.400 timing mode: external seascan  
 2014-09-05 22:04:37.400 tempco normal  
 2014-09-05 22:04:37.400 PLL update: 10s PLL lock criterion: 5us  
 2014-09-05 22:04:37.400 Pfrac: 150.00  
 2014-09-05 22:04:37.400 VCO slope: -0.0175000  
 2014-09-05 22:04:37.400 VCO intercept: 7.1100001  
 2014-09-05 22:04:37.400 Km delta: 600.0000000  
 2014-09-05 22:04:37.400 Logical Port 4 Status  
 2014-09-05 22:04:37.400 Data Packets Sent: 14794979  
 2014-09-05 22:04:37.400 Flood Packets Sent: 0  
 2014-09-05 22:04:37.400 Packets Re-Sent: 23441  
 2014-09-05 22:04:37.400 Sequence Errors: 0  
 2014-09-05 22:04:37.400 Packet Buffer Used: 22249552  
 2014-09-05 22:04:37.400 Physical Port: Ethernet  
 2014-09-05 22:04:37.400 Baler Model: 14 Software Version: 2.28  
 2014-09-05 22:04:37.400 MAC Address: 00:04:FB:00:02:EA  
 2014-09-05 22:04:37.400 Disk Size: 20000669696  
 2014-09-05 22:04:37.400 Percent of 1177 data files in use: 29.5  
 2014-09-05 22:04:37.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-05 22:04:37.400 Channel Sensitivities (uV per count):  
 2014-09-05 22:04:37.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-05 22:04:37.400 Digitizer Calibration Results:  
 2014-09-05 22:04:37.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-05 22:04:37.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-05 22:04:37.400 DMU1 Software Version=10  
 2014-09-05 22:04:37.400 Supply Voltage=12.8  
 2014-09-05 22:04:37.400 Supply Current=0.40  
 2014-09-05 22:04:37.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-05 22:04:37.400 webLink Data Maps Restored

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2014-09-05 22:04:37.400 [2014-09-05 10:03:43.000000] sequence resumes: 13161532 to
13161532
2014-09-05 22:04:37.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-05 22:04:36
2014-09-05 22:10:07.290 [2014-09-05 22:04:35.000000] total packets received: 48480
2014-09-05 22:10:07.290 [2014-09-05 22:04:35.000000] command timeouts: 6
2014-09-05 22:10:07.290 [2014-09-05 22:04:35.000000] out of window: 72
2014-09-05 22:10:07.290 written: HHZ-1139 HH1-1356 HH2-1484 BDH-394 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-09-05 22:10:07.290 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-17 LH1-23 LH2-23 LDH-24
VMZ-2 VM1-2
2014-09-05 22:10:07.290 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-09-05 22:10:07.290 [2014-09-05 22:04:35.000000] Done: 4504 recs. seq end:
13204784. run: 325 s
2014-09-06 10:10:59.410
2014-09-06 10:10:59.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-06 10:10:59.410 Control Port 2491 Opened
2014-09-06 10:10:59.410 Baler ready on Ethernet
2014-09-06 10:10:59.410 Power Cycled Baler Acknowledged
2014-09-06 10:10:59.410 Commands Accepted by Q330
2014-09-06 10:10:59.410 Access timeout: 300 sec
2014-09-06 10:10:59.410 Control Port 4023 Opened
2014-09-06 10:10:59.410 Data Port 4024 Opened
2014-09-06 10:10:59.410 Registered with Q330
2014-09-06 10:10:59.410 Combination Record Received
2014-09-06 10:10:59.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-06 10:10:59.410 Link Reset, starting window sequence: 30657
2014-09-06 10:10:59.410 GPS Receiver ID Received
2014-09-06 10:10:59.410 Manufacturer's Data Received, Property Tag=2017
2014-09-06 10:10:59.410 Digitizer Gain & Offsets Received
2014-09-06 10:10:59.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4504 recs.
seq end: 13204784
2014-09-06 10:10:59.410 Baler clock set to 2014-09-06 10:10:58
2014-09-06 10:10:59.410 Starting to Read DP Tokens
2014-09-06 10:10:59.410 DP Tokens loaded, size=1474 bytes
2014-09-06 10:10:59.410 Webserver advertising 192.168.200.119:5380
2014-09-06 10:10:59.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-06 10:10:59.410 filters & delay HH1:2@100,Linear all=0.320000
2014-09-06 10:10:59.410 filters & delay HH2:3@100,Linear all=0.320000
2014-09-06 10:10:59.410 filters & delay BDH:4@20,Linear all=1.650000
2014-09-06 10:10:59.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-06 10:10:59.410 filters & delay LH1:2@1,Linear all=15.000000
2014-09-06 10:10:59.410 filters & delay LH2:3@1,Linear all=15.000000
2014-09-06 10:10:59.410 filters & delay LDH:4@1,Linear all=15.000000
2014-09-06 10:10:59.410 [2014-09-05 22:04:35.000000] continuity found: 13204784
463269875.000000 Q=100
2014-09-06 10:10:59.410 [2014-09-05 22:04:35.000000] restoring continuity
2014-09-06 10:10:59.410 Sending DT_OPEN
2014-09-06 10:10:59.410 Station: XX-2017
2014-09-06 10:10:59.410 Q330 Serial Number: 0100000DB18FC351
2014-09-06 10:10:59.410 AMB Serial Number: 0100000B6909DD82
2014-09-06 10:10:59.410 Seismo 1 Serial Number: 0000000000000000
2014-09-06 10:10:59.410 Seismo 2 Serial Number: 0000000000000000
2014-09-06 10:10:59.410 QAPCHP 1 Serial Number: 4643206
2014-09-06 10:10:59.410 QAPCHP 2 Serial Number: 3743050
2014-09-06 10:10:59.410 KMI Property Tag Number: 2017
2014-09-06 10:10:59.410 System Software Version: 1.146
2014-09-06 10:10:59.410 Slave Processor Version: 1.11
2014-09-06 10:10:59.410 Calibrator Type: QCAL330
2014-09-06 10:10:59.410 Calibrator Version: 1.8
2014-09-06 10:10:59.410 Auxiliary Board Type: None
2014-09-06 10:10:59.410 Clock Type: Motorola M12
2014-09-06 10:10:59.410 PLD Version: 7.9

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2014-09-06 10:10:59.410 Total Hours: 68822.68  
 2014-09-06 10:10:59.410 Power On Hours: 33453.07  
 2014-09-06 10:10:59.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-06 10:10:59.410 Total Number of Boots: 120  
 2014-09-06 10:10:59.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-06 10:10:59.410 Total Number of Re-Syncs: 213  
 2014-09-06 10:10:59.410 Status Inputs: 00000000  
 2014-09-06 10:10:59.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-06 10:10:59.410 Clock Quality: 100%  
 2014-09-06 10:10:59.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-06 10:10:59.410 Clock Phase: 0 usec. max allowed=50000  
 2014-09-06 10:10:59.410 Ch1: -2 Ch2: -14 Ch3: 13 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-06 10:10:59.410 Analog Status  
 2014-09-06 10:10:59.410 Analog Positive Supply: 5.46v  
 2014-09-06 10:10:59.410 Input Voltage: 13.20V  
 2014-09-06 10:10:59.410 System Temperature: 5C  
 2014-09-06 10:10:59.410 Main Current: 62ma  
 2014-09-06 10:10:59.410 Antenna Current: 0ma  
 2014-09-06 10:10:59.410 GPS Status  
 2014-09-06 10:10:59.410 Time: 10:10:57  
 2014-09-06 10:10:59.410 Date:  
 2014-09-06 10:10:59.410 Fix Type: 1-D  
 2014-09-06 10:10:59.410 Height:  
 2014-09-06 10:10:59.410 Latitude:  
 2014-09-06 10:10:59.410 Longitude:  
 2014-09-06 10:10:59.410 On Time: 0min  
 2014-09-06 10:10:59.410 Sat. Used: 0  
 2014-09-06 10:10:59.410 In View: 0  
 2014-09-06 10:10:59.410 Checksum Errors: 0  
 2014-09-06 10:10:59.410 Last GPS timemark: 2014-09-06 10:10:56  
 2014-09-06 10:10:59.410 PLL Status  
 2014-09-06 10:10:59.410 State: Lock  
 2014-09-06 10:10:59.410 Initial VCO: 2202.151123  
 2014-09-06 10:10:59.410 Time Error: 0.000000  
 2014-09-06 10:10:59.410 RMS VCO: 0.000000  
 2014-09-06 10:10:59.410 Best VCO: 2202.15  
 2014-09-06 10:10:59.410 Seconds Since Track or Lock: 0.0  
 2014-09-06 10:10:59.410 Vco Control: 2202  
 2014-09-06 10:10:59.410 timing mode: external seascan  
 2014-09-06 10:10:59.410 tempco normal  
 2014-09-06 10:10:59.410 PLL update: 10s PLL lock criterion: 5us  
 2014-09-06 10:10:59.410 Pfrac: 150.00  
 2014-09-06 10:10:59.410 VCO slope: -0.0175000  
 2014-09-06 10:10:59.410 VCO intercept: 7.1100001  
 2014-09-06 10:10:59.410 Km delta: 600.000000  
 2014-09-06 10:10:59.410 Logical Port 4 Status  
 2014-09-06 10:10:59.410 Data Packets Sent: 14843357  
 2014-09-06 10:10:59.410 Flood Packets Sent: 0  
 2014-09-06 10:10:59.410 Packets Re-Sent: 23527  
 2014-09-06 10:10:59.410 Sequence Errors: 0  
 2014-09-06 10:10:59.410 Packet Buffer Used: 22167040  
 2014-09-06 10:10:59.410 Physical Port: Ethernet  
 2014-09-06 10:10:59.410 Baler Model: 14 Software Version: 2.28  
 2014-09-06 10:10:59.410 MAC Address: 00:04:FB:00:02:EA  
 2014-09-06 10:10:59.410 Disk Size: 20000669696  
 2014-09-06 10:10:59.410 Percent of 1177 data files in use: 29.6  
 2014-09-06 10:10:59.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-06 10:10:59.410 Channel Sensitivities (uV per count):  
 2014-09-06 10:10:59.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-06 10:10:59.410 Digitizer Calibration Results:  
 2014-09-06 10:10:59.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-06 10:10:59.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-06 10:10:59.410 DMU1 Software Version=10

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2014-09-06 10:10:59.410 Supply Voltage=12.7  
 2014-09-06 10:10:59.410 Supply Current=0.41  
 2014-09-06 10:10:59.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-06 10:10:59.410 WebLink Data Maps Restored  
 2014-09-06 10:10:59.410 [2014-09-05 22:04:35.000000] sequence resumes: 13204784 to 13204784  
 2014-09-06 10:10:59.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-06 10:10:58  
 2014-09-06 10:10:59.410 [2014-09-06 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-09-06 10:16:28.850 Reducing Status Polling Interval  
 2014-09-06 10:16:28.850 [2014-09-06 10:16:28.000000] total packets received: 46449  
 2014-09-06 10:16:28.850 [2014-09-06 10:16:28.000000] command timeouts: 6  
 2014-09-06 10:16:28.850 [2014-09-06 10:16:28.000000] out of window: 66  
 2014-09-06 10:16:28.850 written: HHZ-1175 HH1-1356 HH2-1444 BDH-400 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-09-06 10:16:28.850 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-17 LH1-24 LH2-24 LDH-23  
 VMZ-1 VM1-1  
 2014-09-06 10:16:28.850 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-09-06 10:16:28.850 [2014-09-06 10:16:28.000000] Done: 4502 recs. seq end: 13248697. run: 324 s  
 2014-09-06 22:17:19.380  
 2014-09-06 22:17:19.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-06 22:17:19.380 Control Port 2491 Opened  
 2014-09-06 22:17:19.380 Baler ready on Ethernet  
 2014-09-06 22:17:19.380 Power Cycled Baler Acknowledged  
 2014-09-06 22:17:19.380 Commands Accepted by Q330  
 2014-09-06 22:17:19.380 Access timeout: 300 sec  
 2014-09-06 22:17:19.380 Control Port 4023 Opened  
 2014-09-06 22:17:19.380 Data Port 4024 Opened  
 2014-09-06 22:17:19.380 Registered with Q330  
 2014-09-06 22:17:19.380 Combination Record Received  
 2014-09-06 22:17:19.380 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-06 22:17:19.380 Link Reset, starting window sequence: 11469  
 2014-09-06 22:17:19.380 GPS Receiver ID Received  
 2014-09-06 22:17:19.380 Manufacturer's Data Received, Property Tag=2017  
 2014-09-06 22:17:19.380 Digitizer Gain & Offsets Received  
 2014-09-06 22:17:19.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4502 recs. seq end: 13248697  
 2014-09-06 22:17:19.380 Baler clock set to 2014-09-06 22:17:18  
 2014-09-06 22:17:19.380 Starting to Read DP Tokens  
 2014-09-06 22:17:19.380 DP Tokens loaded, size=1474 bytes  
 2014-09-06 22:17:19.380 webserver advertising 192.168.200.119:5380  
 2014-09-06 22:17:19.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-06 22:17:19.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-06 22:17:19.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-06 22:17:19.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-06 22:17:19.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-06 22:17:19.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-06 22:17:19.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-06 22:17:19.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-06 22:17:19.380 [2014-09-06 10:16:28.000000] continuity found: 13248697  
 463313788.000000 Q=100  
 2014-09-06 22:17:19.380 [2014-09-06 10:16:28.000000] restoring continuity  
 2014-09-06 22:17:19.380 Sending DT\_OPEN  
 2014-09-06 22:17:19.380 Station: XX-2017  
 2014-09-06 22:17:19.380 Q330 Serial Number: 0100000DB18FC351  
 2014-09-06 22:17:19.380 AMB Serial Number: 0100000B6909DD82  
 2014-09-06 22:17:19.380 Seismo 1 Serial Number: 0000000000000000  
 2014-09-06 22:17:19.380 Seismo 2 Serial Number: 0000000000000000  
 2014-09-06 22:17:19.380 QAPCHP 1 Serial Number: 4643206  
 2014-09-06 22:17:19.380 QAPCHP 2 Serial Number: 3743050  
 2014-09-06 22:17:19.380 KMI Property Tag Number: 2017

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2014-09-06 22:17:19.380 System Software Version: 1.146  
 2014-09-06 22:17:19.380 Slave Processor Version: 1.11  
 2014-09-06 22:17:19.380 Calibrator Type: QCAL330  
 2014-09-06 22:17:19.380 Calibrator Version: 1.8  
 2014-09-06 22:17:19.380 Auxiliary Board Type: None  
 2014-09-06 22:17:19.380 Clock Type: Motorola M12  
 2014-09-06 22:17:19.380 PLD Version: 7.9  
 2014-09-06 22:17:19.380 Total Hours: 68834.79  
 2014-09-06 22:17:19.380 Power On Hours: 33465.17  
 2014-09-06 22:17:19.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-06 22:17:19.380 Total Number of Boots: 120  
 2014-09-06 22:17:19.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-06 22:17:19.380 Total Number of Re-Syncs: 213  
 2014-09-06 22:17:19.380 Status Inputs: 00000000  
 2014-09-06 22:17:19.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-06 22:17:19.380 Clock Quality: 100%  
 2014-09-06 22:17:19.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-06 22:17:19.380 Clock Phase: 0 usec. max allowed=50000  
 2014-09-06 22:17:19.380 Boom positions:  
 2014-09-06 22:17:19.380 ch1: -2 ch2: -16 ch3: 14 ch4: 20 ch5: 20 ch6: 20  
 2014-09-06 22:17:19.380 Analog Status  
 2014-09-06 22:17:19.380 Analog Positive Supply: 5.46V  
 2014-09-06 22:17:19.380 Input Voltage: 13.35V  
 2014-09-06 22:17:19.380 System Temperature: 5C  
 2014-09-06 22:17:19.380 Main Current: 62ma  
 2014-09-06 22:17:19.380 Antenna Current: 0ma  
 2014-09-06 22:17:19.380 GPS Status  
 2014-09-06 22:17:19.380 Time: 22:17:18  
 2014-09-06 22:17:19.380 Date:  
 2014-09-06 22:17:19.380 Fix Type: 1-D  
 2014-09-06 22:17:19.380 Height:  
 2014-09-06 22:17:19.380 Latitude:  
 2014-09-06 22:17:19.380 Longitude:  
 2014-09-06 22:17:19.380 On Time: 0min  
 2014-09-06 22:17:19.380 Sat. Used: 0  
 2014-09-06 22:17:19.380 In View: 0  
 2014-09-06 22:17:19.380 Checksum Errors: 0  
 2014-09-06 22:17:19.380 Last GPS timemark: 2014-09-06 22:17:17  
 2014-09-06 22:17:19.380 PLL Status  
 2014-09-06 22:17:19.380 State: Lock  
 2014-09-06 22:17:19.380 Initial VCO: 2202.057861  
 2014-09-06 22:17:19.380 Time Error: 0.000000  
 2014-09-06 22:17:19.380 RMS VCO: 0.000000  
 2014-09-06 22:17:19.380 Best VCO: 2202.06  
 2014-09-06 22:17:19.380 Seconds Since Track or Lock: 0.0  
 2014-09-06 22:17:19.380 Vco Control: 2202  
 2014-09-06 22:17:19.380 timing mode: external seascan  
 2014-09-06 22:17:19.380 tempco normal  
 2014-09-06 22:17:19.380 PLL update: 10s PLL lock criterion: 5us  
 2014-09-06 22:17:19.380 Pfrac: 150.00  
 2014-09-06 22:17:19.380 VCO slope: -0.0175000  
 2014-09-06 22:17:19.380 VCO intercept: 7.1100001  
 2014-09-06 22:17:19.380 Km delta: 600.0000000  
 2014-09-06 22:17:19.380 Logical Port 4 Status  
 2014-09-06 22:17:19.380 Data Packets Sent: 14889710  
 2014-09-06 22:17:19.380 Flood Packets Sent: 0  
 2014-09-06 22:17:19.380 Packets Re-Sent: 23607  
 2014-09-06 22:17:19.380 Sequence Errors: 0  
 2014-09-06 22:17:19.380 Packet Buffer Used: 21654196  
 2014-09-06 22:17:19.380 Physical Port: Ethernet  
 2014-09-06 22:17:19.380 Baler Model: 14 Software Version: 2.28  
 2014-09-06 22:17:19.380 MAC Address: 00:04:FB:00:02:EA  
 2014-09-06 22:17:19.380 Disk Size: 20000669696



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2014-09-06 22:17:19.380 Percent of 1177 data files in use: 29.7
2014-09-06 22:17:19.380 Channels Enabled: 1234 Preamps ON channels:
2014-09-06 22:17:19.380 Channel Sensitivities (uV per count):
2014-09-06 22:17:19.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-06 22:17:19.380 Digitizer Calibration Results:
2014-09-06 22:17:19.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-06 22:17:19.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-06 22:17:19.380 DMU1 Software Version=10
2014-09-06 22:17:19.380 Supply Voltage=12.7
2014-09-06 22:17:19.380 Supply Current=0.41
2014-09-06 22:17:19.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-06 22:17:19.380 WebLink Data Maps Restored
2014-09-06 22:17:19.380 [2014-09-06 10:16:28.000000] sequence resumes: 13248697 to
13248697
2014-09-06 22:17:19.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-06 22:17:18
2014-09-06 22:22:38.720 Reducing Status Polling Interval
2014-09-06 22:22:38.720 [2014-09-06 22:22:37.999998] total packets received: 44432
2014-09-06 22:22:38.720 [2014-09-06 22:22:37.999998] command timeouts: 6
2014-09-06 22:22:38.720 [2014-09-06 22:22:37.999998] out of window: 60
2014-09-06 22:22:38.720 written: HHZ-1135 HH1-1335 HH2-1384 BDH-403 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-06 22:22:38.720 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-17 LH1-23 LH2-23 LDH-23
VMZ-2 VM1-2
2014-09-06 22:22:38.720 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-09-06 22:22:38.720 [2014-09-06 22:22:37.999998] Done: 4390 recs. seq end:
13292267. run: 315 s
2014-09-07 10:23:32.380
2014-09-07 10:23:32.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-07 10:23:32.380 Control Port 2491 Opened
2014-09-07 10:23:32.380 Baler ready on Ethernet
2014-09-07 10:23:32.380 Power Cycled Baler Acknowledged
2014-09-07 10:23:32.380 Commands Accepted by Q330
2014-09-07 10:23:32.380 Access timeout: 300 sec
2014-09-07 10:23:32.380 Control Port 4023 Opened
2014-09-07 10:23:32.380 Data Port 4024 Opened
2014-09-07 10:23:32.380 Registered with Q330
2014-09-07 10:23:32.380 Combination Record Received
2014-09-07 10:23:32.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-07 10:23:32.380 Link Reset, starting window sequence: 55806
2014-09-07 10:23:32.380 GPS Receiver ID Received
2014-09-07 10:23:32.380 Manufacturer's Data Received, Property Tag=2017
2014-09-07 10:23:32.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4390 recs.
seq end: 13292267
2014-09-07 10:23:32.380 Baler clock set to 2014-09-07 10:23:31
2014-09-07 10:23:32.380 Starting to Read DP Tokens
2014-09-07 10:23:32.380 DP Tokens loaded, size=1474 bytes
2014-09-07 10:23:32.380 Webserver advertising 192.168.200.119:5380
2014-09-07 10:23:32.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-07 10:23:32.380 filters & delay HH1:2@100,Linear all=0.320000
2014-09-07 10:23:32.380 filters & delay HH2:3@100,Linear all=0.320000
2014-09-07 10:23:32.380 filters & delay BDH:4@20,Linear all=1.650000
2014-09-07 10:23:32.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-07 10:23:32.380 filters & delay LH1:2@1,Linear all=15.000000
2014-09-07 10:23:32.380 filters & delay LH2:3@1,Linear all=15.000000
2014-09-07 10:23:32.380 filters & delay LDH:4@1,Linear all=15.000000
2014-09-07 10:23:32.380 [2014-09-06 22:22:37.999998] continuity found: 13292267
463357358.000000 Q=100
2014-09-07 10:23:32.380 [2014-09-06 22:22:37.999998] restoring continuity
2014-09-07 10:23:32.380 Sending DT_OPEN
2014-09-07 10:23:32.380 Station: XX-2017
2014-09-07 10:23:32.380 Q330 Serial Number: 0100000DB18FC351
2014-09-07 10:23:32.380 AMB Serial Number: 0100000B6909DD82

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2014-09-07 10:23:32.380 Seismo 1 Serial Number: 0000000000000000  
 2014-09-07 10:23:32.380 Seismo 2 Serial Number: 0000000000000000  
 2014-09-07 10:23:32.380 QAPCHP 1 Serial Number: 4643206  
 2014-09-07 10:23:32.380 QAPCHP 2 Serial Number: 3743050  
 2014-09-07 10:23:32.380 KMI Property Tag Number: 2017  
 2014-09-07 10:23:32.380 System Software Version: 1.146  
 2014-09-07 10:23:32.380 Slave Processor Version: 1.11  
 2014-09-07 10:23:32.380 Calibrator Type: QCAL330  
 2014-09-07 10:23:32.380 Calibrator Version: 1.8  
 2014-09-07 10:23:32.380 Auxiliary Board Type: None  
 2014-09-07 10:23:32.380 Clock Type: Motorola M12  
 2014-09-07 10:23:32.380 PLD Version: 7.9  
 2014-09-07 10:23:32.380 Total Hours: 68846.89  
 2014-09-07 10:23:32.380 Power On Hours: 33477.28  
 2014-09-07 10:23:32.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-07 10:23:32.380 Total Number of Boots: 120  
 2014-09-07 10:23:32.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-07 10:23:32.380 Total Number of Re-Syncs: 213  
 2014-09-07 10:23:32.380 Status Inputs: 00000000  
 2014-09-07 10:23:32.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-07 10:23:32.380 Clock Quality: 100%  
 2014-09-07 10:23:32.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-07 10:23:32.380 Clock Phase: 0 usec. max allowed=50000  
 2014-09-07 10:23:32.380 Boom positions:  
 2014-09-07 10:23:32.380 ch1: -2 ch2: -19 ch3: 18 ch4: 20 ch5: 20 ch6: 20  
 2014-09-07 10:23:32.380 Analog Status  
 2014-09-07 10:23:32.380 Analog Positive Supply: 5.46V  
 2014-09-07 10:23:32.380 Input Voltage: 13.35V  
 2014-09-07 10:23:32.380 System Temperature: 5C  
 2014-09-07 10:23:32.380 Main Current: 62ma  
 2014-09-07 10:23:32.380 Antenna Current: 0ma  
 2014-09-07 10:23:32.380 GPS Status  
 2014-09-07 10:23:32.380 Time: 10:23:31  
 2014-09-07 10:23:32.380 Date:  
 2014-09-07 10:23:32.380 Fix Type: 1-D  
 2014-09-07 10:23:32.380 Height:  
 2014-09-07 10:23:32.380 Latitude:  
 2014-09-07 10:23:32.380 Longitude:  
 2014-09-07 10:23:32.380 On Time: 0min  
 2014-09-07 10:23:32.380 Sat. Used: 0  
 2014-09-07 10:23:32.380 In View: 0  
 2014-09-07 10:23:32.380 Checksum Errors: 0  
 2014-09-07 10:23:32.380 Last GPS timemark: 2014-09-07 10:23:30  
 2014-09-07 10:23:32.380 PLL Status  
 2014-09-07 10:23:32.380 State: Lock  
 2014-09-07 10:23:32.380 Initial VCO: 2201.960205  
 2014-09-07 10:23:32.380 Time Error: -0.000001  
 2014-09-07 10:23:32.380 RMS VCO: 0.0000000  
 2014-09-07 10:23:32.380 Best VCO: 2201.96  
 2014-09-07 10:23:32.380 Seconds Since Track or Lock: 0.0  
 2014-09-07 10:23:32.380 Vco Control: 2202  
 2014-09-07 10:23:32.380 timing mode: external seascan  
 2014-09-07 10:23:32.380 tempco normal  
 2014-09-07 10:23:32.380 PLL update: 10s PLL lock criterion: 5us  
 2014-09-07 10:23:32.380 Pfrac: 150.00  
 2014-09-07 10:23:32.380 VCO slope: -0.0175000  
 2014-09-07 10:23:32.380 VCO intercept: 7.1100001  
 2014-09-07 10:23:32.380 km delta: 600.0000000  
 2014-09-07 10:23:32.380 Logical Port 4 Status  
 2014-09-07 10:23:32.380 Data Packets Sent: 14934052  
 2014-09-07 10:23:32.380 Flood Packets Sent: 0  
 2014-09-07 10:23:32.380 Packets Re-Sent: 23679  
 2014-09-07 10:23:32.380 Sequence Errors: 0

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2014-09-07 10:23:32.380 Packet Buffer Used: 21989384
2014-09-07 10:23:32.380 Physical Port: Ethernet
2014-09-07 10:23:32.380 Baler Model: 14   Software Version: 2.28
2014-09-07 10:23:32.380 MAC Address: 00:04:FB:00:02:EA
2014-09-07 10:23:32.380 Disk Size: 20000669696
2014-09-07 10:23:32.380 Percent of 1177 data files in use: 29.7
2014-09-07 10:23:32.380 Channels Enabled: 1234   Preamps ON channels:
2014-09-07 10:23:32.380 Channel Sensitivities (uV per count):
2014-09-07 10:23:32.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-07 10:23:32.380 Digitizer Calibration Results:
2014-09-07 10:23:32.380 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-09-07 10:23:32.380 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-09-07 10:23:32.380 DMU1 Software Version=10
2014-09-07 10:23:32.380 Supply Voltage=12.7
2014-09-07 10:23:32.380 Supply Current=0.41
2014-09-07 10:23:32.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-07 10:23:32.380 webLink Data Maps Restored
2014-09-07 10:23:32.380 [2014-09-06 22:22:37.999998] sequence resumes: 13292267 to
13292267
2014-09-07 10:23:32.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-07 10:23:31
2014-09-07 10:23:32.380 [2014-09-07 00:00:00.000000] saving Configuration to Backup
Memory
2014-09-07 10:27:25.210 Reducing Status Polling Interval
2014-09-07 10:29:02.540 [2014-09-07 10:27:46.000000] total packets received: 46551
2014-09-07 10:29:02.540 [2014-09-07 10:27:46.000000] command timeouts: 6
2014-09-07 10:29:02.540 [2014-09-07 10:27:46.000000] out of window: 74
2014-09-07 10:29:02.540 written: HHZ-1128 HH1-1355 HH2-1438 BDH-412 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-07 10:29:02.540 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-17 LH1-23 LH2-23 LDH-23
VMZ-2 VM1-2
2014-09-07 10:29:02.540 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-09-07 10:29:02.540 [2014-09-07 10:27:46.000000] Done: 4468 recs. seq end:
13335775. run: 325 s
2014-09-07 22:29:56.420
2014-09-07 22:29:56.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-07 22:29:56.420 Control Port 2491 Opened
2014-09-07 22:29:56.420 Baler ready on Ethernet
2014-09-07 22:29:56.420 Power Cycled Baler Acknowledged
2014-09-07 22:29:56.420 Commands Accepted by Q330
2014-09-07 22:29:56.420 Access timeout: 300 sec
2014-09-07 22:29:56.420 Control Port 4023 Opened
2014-09-07 22:29:56.420 Data Port 4024 Opened
2014-09-07 22:29:56.420 Registered with Q330
2014-09-07 22:29:56.420 Combination Record Received
2014-09-07 22:29:56.420 Window=4   Min. Timeout=10   Max. Timeout=30
2014-09-07 22:29:56.420 Link Reset, starting window sequence: 36697
2014-09-07 22:29:56.420 GPS Receiver ID Received
2014-09-07 22:29:56.420 Manufacturer's Data Received, Property Tag=2017
2014-09-07 22:29:56.420 Digitizer Gain & Offsets Received
2014-09-07 22:29:56.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4468 recs.
seq end: 13335775
2014-09-07 22:29:56.420 Baler clock set to 2014-09-07 22:29:55
2014-09-07 22:29:56.420 Starting to Read DP Tokens
2014-09-07 22:29:56.420 DP Tokens loaded, size=1474 bytes
2014-09-07 22:29:56.420 Webserver advertising 192.168.200.119:5380
2014-09-07 22:29:56.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-07 22:29:56.420 filters & delay HH1:2@100,Linear all=0.320000
2014-09-07 22:29:56.420 filters & delay HH2:3@100,Linear all=0.320000
2014-09-07 22:29:56.420 filters & delay BDH:4@20,Linear all=1.650000
2014-09-07 22:29:56.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-07 22:29:56.420 filters & delay LH1:2@1,Linear all=15.000000
2014-09-07 22:29:56.420 filters & delay LH2:3@1,Linear all=15.000000

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2014-09-07 22:29:56.420 filters & delay LDH:4@1,Linear all=15.000000
2014-09-07 22:29:56.420 [2014-09-07 10:27:46.000000] continuity found: 13335775
463400866.000000 Q=100
2014-09-07 22:29:56.420 [2014-09-07 10:27:46.000000] restoring continuity
2014-09-07 22:29:56.420 Sending DT_OPEN
2014-09-07 22:29:56.420 Station: XX-2017
2014-09-07 22:29:56.420 Q330 Serial Number: 0100000DB18FC351
2014-09-07 22:29:56.420 AMB Serial Number: 0100000B6909DD82
2014-09-07 22:29:56.420 Seismo 1 Serial Number: 0000000000000000
2014-09-07 22:29:56.420 Seismo 2 Serial Number: 0000000000000000
2014-09-07 22:29:56.420 QAPCHP 1 Serial Number: 4643206
2014-09-07 22:29:56.420 QAPCHP 2 Serial Number: 3743050
2014-09-07 22:29:56.420 KMI Property Tag Number: 2017
2014-09-07 22:29:56.420 System Software Version: 1.146
2014-09-07 22:29:56.420 Slave Processor Version: 1.11
2014-09-07 22:29:56.420 Calibrator Type: QCAL330
2014-09-07 22:29:56.420 Calibrator Version: 1.8
2014-09-07 22:29:56.420 Auxiliary Board Type: None
2014-09-07 22:29:56.420 Clock Type: Motorola M12
2014-09-07 22:29:56.420 PLD Version: 7.9
2014-09-07 22:29:56.420 Total Hours: 68859.00
2014-09-07 22:29:56.420 Power On Hours: 33489.38
2014-09-07 22:29:56.420 Time of Last Boot: 2014-04-06 02:03:58
2014-09-07 22:29:56.420 Total Number of Boots: 120
2014-09-07 22:29:56.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-07 22:29:56.420 Total Number of Re-Syncs: 213
2014-09-07 22:29:56.420 Status Inputs: 00000000
2014-09-07 22:29:56.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-09-07 22:29:56.420 Clock Quality: 100%
2014-09-07 22:29:56.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-07 22:29:56.420 Clock Phase: 0 usec. max allowed=50000
2014-09-07 22:29:56.420 Boom positions:
2014-09-07 22:29:56.420 ch1: -2 ch2: -22 ch3: 20 ch4: 20 ch5: 20 ch6: 20
2014-09-07 22:29:56.420 Analog Status
2014-09-07 22:29:56.420 Analog Positive Supply: 5.46v
2014-09-07 22:29:56.420 Input Voltage: 13.20V
2014-09-07 22:29:56.420 System Temperature: 5C
2014-09-07 22:29:56.420 Main Current: 62ma
2014-09-07 22:29:56.420 Antenna Current: 0ma
2014-09-07 22:29:56.420 GPS Status
2014-09-07 22:29:56.420 Time: 22:29:55
2014-09-07 22:29:56.420 Date:
2014-09-07 22:29:56.420 Fix Type: 1-D
2014-09-07 22:29:56.420 Height:
2014-09-07 22:29:56.420 Latitude:
2014-09-07 22:29:56.420 Longitude:
2014-09-07 22:29:56.420 On Time: 0min
2014-09-07 22:29:56.420 Sat. Used: 0
2014-09-07 22:29:56.420 In View: 0
2014-09-07 22:29:56.420 Checksum Errors: 0
2014-09-07 22:29:56.420 Last GPS timemark: 2014-09-07 22:29:54
2014-09-07 22:29:56.420 PLL Status
2014-09-07 22:29:56.420 State: Lock
2014-09-07 22:29:56.420 Initial VCO: 2202.077881
2014-09-07 22:29:56.420 Time Error: 0.000000
2014-09-07 22:29:56.420 RMS VCO: 0.0000000
2014-09-07 22:29:56.420 Best VCO: 2202.07
2014-09-07 22:29:56.420 Seconds Since Track or Lock: 0.0
2014-09-07 22:29:56.420 Vco Control: 2202
2014-09-07 22:29:56.420 timing mode: external seascan
2014-09-07 22:29:56.420 tempco normal
2014-09-07 22:29:56.420 PLL update: 10s PLL lock criterion: 5us
2014-09-07 22:29:56.420 Pfrac: 150.00

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2014-09-07 22:29:56.420 VCO slope: -0.0175000  
 2014-09-07 22:29:56.420 VCO intercept: 7.1100001  
 2014-09-07 22:29:56.420 Km delta: 600.0000000  
 2014-09-07 22:29:56.420 Logical Port 4 Status  
 2014-09-07 22:29:56.420 Data Packets Sent: 14980484  
 2014-09-07 22:29:56.420 Flood Packets Sent: 0  
 2014-09-07 22:29:56.420 Packets Re-Sent: 23773  
 2014-09-07 22:29:56.420 Sequence Errors: 0  
 2014-09-07 22:29:56.420 Physical Port: Ethernet  
 2014-09-07 22:29:56.420 Baler Model: 14 Software Version: 2.28  
 2014-09-07 22:29:56.420 MAC Address: 00:04:FB:00:02:EA  
 2014-09-07 22:29:56.420 Disk Size: 20000669696  
 2014-09-07 22:29:56.420 Percent of 1177 data files in use: 29.8  
 2014-09-07 22:29:56.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-07 22:29:56.420 Channel Sensitivities (uV per count):  
 2014-09-07 22:29:56.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-07 22:29:56.420 Digitizer Calibration Results:  
 2014-09-07 22:29:56.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-07 22:29:56.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-07 22:29:56.420 DMU1 Software Version=10  
 2014-09-07 22:29:56.420 Supply Voltage=12.7  
 2014-09-07 22:29:56.420 Supply Current=0.41  
 2014-09-07 22:29:56.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-07 22:29:56.420 WebLink Data Maps Restored  
 2014-09-07 22:29:56.420 [2014-09-07 10:27:46.000000] sequence resumes: 13335775 to  
 13335775  
 2014-09-07 22:29:56.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-07 22:29:55  
 2014-09-07 22:35:34.820 Reducing Status Polling Interval  
 2014-09-07 22:35:34.820 [2014-09-07 22:35:33.999998] total packets received: 48663  
 2014-09-07 22:35:34.820 [2014-09-07 22:35:33.999998] command timeouts: 6  
 2014-09-07 22:35:34.820 [2014-09-07 22:35:33.999998] out of window: 82  
 2014-09-07 22:35:34.820 written: HHZ-1171 HH1-1391 HH2-1420 BDH-425 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-09-07 22:35:34.820 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-20 LH1-23 LH2-23 LDH-24  
 VMZ-1 VM1-1  
 2014-09-07 22:35:34.820 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-09-07 22:35:34.820 [2014-09-07 22:35:33.999998] Done: 4533 recs. seq end:  
 13379443. run: 333 s  
 2014-09-08 10:36:27.380  
 2014-09-08 10:36:27.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-08 10:36:27.380 Control Port 2491 Opened  
 2014-09-08 10:36:27.380 Baler ready on Ethernet  
 2014-09-08 10:36:27.380 Power Cycled Baler Acknowledged  
 2014-09-08 10:36:27.380 Commands Accepted by Q330  
 2014-09-08 10:36:27.380 Access timeout: 300 sec  
 2014-09-08 10:36:27.380 Control Port 4023 Opened  
 2014-09-08 10:36:27.380 Data Port 4024 Opened  
 2014-09-08 10:36:27.380 Registered with Q330  
 2014-09-08 10:36:27.380 Combination Record Received  
 2014-09-08 10:36:27.380 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-08 10:36:27.380 Link Reset, starting window sequence: 19706  
 2014-09-08 10:36:27.380 GPS Receiver ID Received  
 2014-09-08 10:36:27.380 Manufacturer's Data Received, Property Tag=2017  
 2014-09-08 10:36:27.380 Digitizer Gain & Offsets Received  
 2014-09-08 10:36:27.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4533 recs.  
 seq end: 13379443  
 2014-09-08 10:36:27.380 Baler clock set to 2014-09-08 10:36:26  
 2014-09-08 10:36:27.380 Starting to Read DP Tokens  
 2014-09-08 10:36:27.380 DP Tokens loaded, size=1474 bytes  
 2014-09-08 10:36:27.380 webserver advertising 192.168.200.119:5380  
 2014-09-08 10:36:27.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-08 10:36:27.380 filters & delay HH1:2@100,Linear all=0.320000

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2014-09-08 10:36:27.380 filters & delay HH2:3@100,Linear all=0.320000
2014-09-08 10:36:27.380 filters & delay BDH:4@20,Linear all=1.650000
2014-09-08 10:36:27.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-08 10:36:27.380 filters & delay LH1:2@1,Linear all=15.000000
2014-09-08 10:36:27.380 filters & delay LH2:3@1,Linear all=15.000000
2014-09-08 10:36:27.380 filters & delay LDH:4@1,Linear all=15.000000
2014-09-08 10:36:27.380 [2014-09-07 22:35:33.999998] continuity found: 13379443
463444534.000000 Q=100
2014-09-08 10:36:27.380 [2014-09-07 22:35:33.999998] restoring continuity
2014-09-08 10:36:27.380 Sending DT_OPEN
2014-09-08 10:36:27.380 Station: XX-2017
2014-09-08 10:36:27.380 Q330 Serial Number: 0100000DB18FC351
2014-09-08 10:36:27.380 AMB Serial Number: 0100000B6909DD82
2014-09-08 10:36:27.380 Seismo 1 Serial Number: 0000000000000000
2014-09-08 10:36:27.380 Seismo 2 Serial Number: 0000000000000000
2014-09-08 10:36:27.380 QAPCHP 1 Serial Number: 4643206
2014-09-08 10:36:27.380 QAPCHP 2 Serial Number: 3743050
2014-09-08 10:36:27.380 KMI Property Tag Number: 2017
2014-09-08 10:36:27.380 System Software Version: 1.146
2014-09-08 10:36:27.380 Slave Processor Version: 1.11
2014-09-08 10:36:27.380 Calibrator Type: QCAL330
2014-09-08 10:36:27.380 Calibrator Version: 1.8
2014-09-08 10:36:27.380 Auxiliary Board Type: None
2014-09-08 10:36:27.380 Clock Type: Motorola M12
2014-09-08 10:36:27.380 PLD Version: 7.9
2014-09-08 10:36:27.380 Total Hours: 68871.11
2014-09-08 10:36:27.380 Power On Hours: 33501.49
2014-09-08 10:36:27.380 Time of Last Boot: 2014-04-06 02:03:58
2014-09-08 10:36:27.380 Total Number of Boots: 120
2014-09-08 10:36:27.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-08 10:36:27.380 Total Number of Re-Syncs: 213
2014-09-08 10:36:27.380 Status Inputs: 00000000
2014-09-08 10:36:27.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-09-08 10:36:27.380 Clock Quality: 100%
2014-09-08 10:36:27.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-08 10:36:27.380 Clock Phase: 0 usec. max allowed=50000
2014-09-08 10:36:27.380 Boom positions:
2014-09-08 10:36:27.380 Ch1: -2 Ch2: -24 Ch3: 22 Ch4: 20 Ch5: 20 Ch6: 20
2014-09-08 10:36:27.380 Analog Status
2014-09-08 10:36:27.380 Analog Positive Supply: 5.46V
2014-09-08 10:36:27.380 Input Voltage: 13.20V
2014-09-08 10:36:27.380 System Temperature: 5C
2014-09-08 10:36:27.380 Main Current: 62ma
2014-09-08 10:36:27.380 Antenna Current: 0ma
2014-09-08 10:36:27.380 GPS Status
2014-09-08 10:36:27.380 Time: 10:36:25
2014-09-08 10:36:27.380 Date:
2014-09-08 10:36:27.380 Fix Type: 1-D
2014-09-08 10:36:27.380 Height:
2014-09-08 10:36:27.380 Latitude:
2014-09-08 10:36:27.380 Longitude:
2014-09-08 10:36:27.380 On Time: 0min
2014-09-08 10:36:27.380 Sat. Used: 0
2014-09-08 10:36:27.380 In View: 0
2014-09-08 10:36:27.380 Checksum Errors: 0
2014-09-08 10:36:27.380 Last GPS timemark: 2014-09-08 10:36:24
2014-09-08 10:36:27.380 PLL Status
2014-09-08 10:36:27.380 State: Lock
2014-09-08 10:36:27.380 Initial VCO: 2202.019531
2014-09-08 10:36:27.380 Time Error: -0.000001
2014-09-08 10:36:27.380 RMS VCO: 0.000000
2014-09-08 10:36:27.380 Best VCO: 2202.02
2014-09-08 10:36:27.380 Seconds Since Track or Lock: 0.0

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2014-09-08 10:36:27.380 Vco Control: 2202  
 2014-09-08 10:36:27.380 timing mode: external seascan  
 2014-09-08 10:36:27.380 tempco normal  
 2014-09-08 10:36:27.380 PLL update: 10s PLL lock criterion: 5us  
 2014-09-08 10:36:27.380 Pfrac: 150.00  
 2014-09-08 10:36:27.380 VCO slope: -0.0175000  
 2014-09-08 10:36:27.380 VCO intercept: 7.1100001  
 2014-09-08 10:36:27.380 km delta: 600.0000000  
 2014-09-08 10:36:27.380 Logical Port 4 Status  
 2014-09-08 10:36:27.380 Data Packets Sent: 15029034  
 2014-09-08 10:36:27.380 Flood Packets Sent: 0  
 2014-09-08 10:36:27.380 Packets Re-Sent: 23867  
 2014-09-08 10:36:27.380 Sequence Errors: 0  
 2014-09-08 10:36:27.380 Packet Buffer Used: 21777104  
 2014-09-08 10:36:27.380 Physical Port: Ethernet  
 2014-09-08 10:36:27.380 Baler Model: 14 Software Version: 2.28  
 2014-09-08 10:36:27.380 MAC Address: 00:04:FB:00:02:EA  
 2014-09-08 10:36:27.380 Disk Size: 20000669696  
 2014-09-08 10:36:27.380 Percent of 1177 data files in use: 30.0  
 2014-09-08 10:36:27.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-08 10:36:27.380 Channel Sensitivities (uV per count):  
 2014-09-08 10:36:27.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-08 10:36:27.380 Digitizer Calibration Results:  
 2014-09-08 10:36:27.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-08 10:36:27.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-08 10:36:27.380 DMU1 Software Version=10  
 2014-09-08 10:36:27.380 Supply Voltage=12.7  
 2014-09-08 10:36:27.380 Supply Current=0.41  
 2014-09-08 10:36:27.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-08 10:36:27.380 WebLink Data Maps Restored  
 2014-09-08 10:36:27.380 [2014-09-07 22:35:33.999998] sequence resumes: 13379443 to  
 13379443  
 2014-09-08 10:36:27.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-08 10:36:26  
 2014-09-08 10:36:27.380 [2014-09-08 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-09-08 10:41:57.100 [2014-09-08 10:40:41.000000] total packets received: 48108  
 2014-09-08 10:41:57.100 [2014-09-08 10:40:41.000000] command timeouts: 6  
 2014-09-08 10:41:57.100 [2014-09-08 10:40:41.000000] out of window: 80  
 2014-09-08 10:41:57.100 written: HHZ-1114 HH1-1365 HH2-1377 BDH-424 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-08 10:41:57.100 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-09-08 10:41:57.100 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-09-08 10:41:57.100 [2014-09-08 10:40:41.000000] Done: 4423 recs. seq end:  
 13422950. run: 325 s  
 2014-09-08 22:42:48.400  
 2014-09-08 22:42:48.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-08 22:42:48.400 Control Port 2491 Opened  
 2014-09-08 22:42:48.400 Baler ready on Ethernet  
 2014-09-08 22:42:48.400 Power Cycled Baler Acknowledged  
 2014-09-08 22:42:48.400 Commands Accepted by Q330  
 2014-09-08 22:42:48.400 Access timeout: 300 sec  
 2014-09-08 22:42:48.400 Control Port 4023 Opened  
 2014-09-08 22:42:48.400 Data Port 4024 Opened  
 2014-09-08 22:42:48.400 Registered with Q330  
 2014-09-08 22:42:48.400 Combination Record Received  
 2014-09-08 22:42:48.400 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-08 22:42:48.400 Link Reset, starting window sequence: 2163  
 2014-09-08 22:42:48.400 GPS Receiver ID Received  
 2014-09-08 22:42:48.400 Manufacturer's Data Received, Property Tag=2017  
 2014-09-08 22:42:48.400 Digitizer Gain & Offsets Received  
 2014-09-08 22:42:48.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4423 recs.

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seq end: 13422950
2014-09-08 22:42:48.400 Baler clock set to 2014-09-08 22:42:47
2014-09-08 22:42:48.400 Starting to Read DP Tokens
2014-09-08 22:42:48.400 DP Tokens loaded, size=1474 bytes
2014-09-08 22:42:48.400 webserver advertising 192.168.200.119:5380
2014-09-08 22:42:48.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-08 22:42:48.400 filters & delay HH1:2@100,Linear all=0.320000
2014-09-08 22:42:48.400 filters & delay HH2:3@100,Linear all=0.320000
2014-09-08 22:42:48.400 filters & delay BDH:4@20,Linear all=1.650000
2014-09-08 22:42:48.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-08 22:42:48.400 filters & delay LH1:2@1,Linear all=15.000000
2014-09-08 22:42:48.400 filters & delay LH2:3@1,Linear all=15.000000
2014-09-08 22:42:48.400 filters & delay LDH:4@1,Linear all=15.000000
2014-09-08 22:42:48.400 [2014-09-08 10:40:41.000000] continuity found: 13422950
463488041.000000 Q=100
2014-09-08 22:42:48.400 [2014-09-08 10:40:41.000000] restoring continuity
2014-09-08 22:42:48.400 Sending DT_OPEN
2014-09-08 22:42:48.400 Station: XX-2017
2014-09-08 22:42:48.400 Q330 Serial Number: 0100000DB18FC351
2014-09-08 22:42:48.400 AMB Serial Number: 0100000B6909DD82
2014-09-08 22:42:48.400 Seismo 1 Serial Number: 0000000000000000
2014-09-08 22:42:48.400 Seismo 2 Serial Number: 0000000000000000
2014-09-08 22:42:48.400 QAPCHP 1 Serial Number: 4643206
2014-09-08 22:42:48.400 QAPCHP 2 Serial Number: 3743050
2014-09-08 22:42:48.400 KMI Property Tag Number: 2017
2014-09-08 22:42:48.400 System Software Version: 1.146
2014-09-08 22:42:48.400 Slave Processor Version: 1.11
2014-09-08 22:42:48.400 Calibrator Type: QCAL330
2014-09-08 22:42:48.400 Calibrator Version: 1.8
2014-09-08 22:42:48.400 Clock Type: Motorola M12
2014-09-08 22:42:48.400 PLD Version: 7.9
2014-09-08 22:42:48.400 Total Hours: 68883.21
2014-09-08 22:42:48.400 Power On Hours: 33513.60
2014-09-08 22:42:48.400 Time of Last Boot: 2014-04-06 02:03:58
2014-09-08 22:42:48.400 Total Number of Boots: 120
2014-09-08 22:42:48.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-08 22:42:48.400 Total Number of Re-Syncs: 213
2014-09-08 22:42:48.400 Status Inputs: 00000000
2014-09-08 22:42:48.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-09-08 22:42:48.400 Clock Quality: 100%
2014-09-08 22:42:48.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-08 22:42:48.400 Clock Phase: 0 usec. max allowed=50000
2014-09-08 22:42:48.400 Boom positions:
2014-09-08 22:42:48.400 Ch1: -2 Ch2: 8 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20
2014-09-08 22:42:48.400 Analog Status
2014-09-08 22:42:48.400 Analog Positive Supply: 5.46V
2014-09-08 22:42:48.400 Input Voltage: 13.35V
2014-09-08 22:42:48.400 System Temperature: 5C
2014-09-08 22:42:48.400 Main Current: 62ma
2014-09-08 22:42:48.400 Antenna Current: 0ma
2014-09-08 22:42:48.400 GPS Status
2014-09-08 22:42:48.400 Time: 22:42:47
2014-09-08 22:42:48.400 Date:
2014-09-08 22:42:48.400 Fix Type: 1-D
2014-09-08 22:42:48.400 Height:
2014-09-08 22:42:48.400 Latitude:
2014-09-08 22:42:48.400 Longitude:
2014-09-08 22:42:48.400 On Time: 0min
2014-09-08 22:42:48.400 Sat. Used: 0
2014-09-08 22:42:48.400 In View: 0
2014-09-08 22:42:48.400 Checksum Errors: 0
2014-09-08 22:42:48.400 Last GPS timemark: 2014-09-08 22:42:46
2014-09-08 22:42:48.400 PLL Status

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2014-09-08 22:42:48.400 State: Lock  
 2014-09-08 22:42:48.400 Initial VCO: 2201.973633  
 2014-09-08 22:42:48.400 Time Error: 0.000000  
 2014-09-08 22:42:48.400 RMS VCO: 0.0000000  
 2014-09-08 22:42:48.400 Best VCO: 2201.98  
 2014-09-08 22:42:48.400 Seconds Since Track or Lock: 0.0  
 2014-09-08 22:42:48.400 Vco Control: 2202  
 2014-09-08 22:42:48.400 timing mode: external seascan  
 2014-09-08 22:42:48.400 tempco normal  
 2014-09-08 22:42:48.400 PLL update: 10s PLL lock criterion: 5us  
 2014-09-08 22:42:48.400 Pfrac: 150.00  
 2014-09-08 22:42:48.400 VCO slope: -0.0175000  
 2014-09-08 22:42:48.400 VCO intercept: 7.1100001  
 2014-09-08 22:42:48.400 Km delta: 600.0000000  
 2014-09-08 22:42:48.400 Logical Port 4 Status  
 2014-09-08 22:42:48.400 Data Packets Sent: 15077032  
 2014-09-08 22:42:48.400 Flood Packets Sent: 0  
 2014-09-08 22:42:48.400 Packets Re-Sent: 23961  
 2014-09-08 22:42:48.400 Sequence Errors: 0  
 2014-09-08 22:42:48.400 Packet Buffer Used: 22172492  
 2014-09-08 22:42:48.400 Physical Port: Ethernet  
 2014-09-08 22:42:48.400 Baler Model: 14 Software Version: 2.28  
 2014-09-08 22:42:48.400 MAC Address: 00:04:FB:00:02:EA  
 2014-09-08 22:42:48.400 Disk Size: 20000669696  
 2014-09-08 22:42:48.400 Percent of 1177 data files in use: 30.0  
 2014-09-08 22:42:48.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-08 22:42:48.400 Channel Sensitivities (uV per count):  
 2014-09-08 22:42:48.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-08 22:42:48.400 Digitizer Calibration Results:  
 2014-09-08 22:42:48.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-08 22:42:48.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-08 22:42:48.400 DMU1 Software Version=10  
 2014-09-08 22:42:48.400 Supply Voltage=12.7  
 2014-09-08 22:42:48.400 Supply Current=0.41  
 2014-09-08 22:42:48.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-08 22:42:48.400 WebLink Data Maps Restored  
 2014-09-08 22:42:48.400 [2014-09-08 10:40:41.000000] sequence resumes: 13422950 to  
 13422950  
 2014-09-08 22:42:48.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-08 22:42:47  
 2014-09-08 22:48:24.930 Reducing Status Polling Interval  
 2014-09-08 22:48:24.930 [2014-09-08 22:48:23.999998] total packets received: 50422  
 2014-09-08 22:48:24.930 [2014-09-08 22:48:23.999998] command timeouts: 6  
 2014-09-08 22:48:24.930 [2014-09-08 22:48:23.999998] out of window: 74  
 2014-09-08 22:48:24.930 written: HHZ-1177 HH1-1380 HH2-1374 BDH-434 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-08 22:48:24.930 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-09-08 22:48:24.930 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-09-08 22:48:24.930 [2014-09-08 22:48:23.999998] Done: 4503 recs. seq end:  
 13466613. run: 332 s  
 2014-09-09 10:49:18.370  
 2014-09-09 10:49:18.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-09 10:49:18.370 Control Port 2491 Opened  
 2014-09-09 10:49:18.370 Baler ready on Ethernet  
 2014-09-09 10:49:18.370 Power Cycled Baler Acknowledged  
 2014-09-09 10:49:18.370 Commands Accepted by Q330  
 2014-09-09 10:49:18.370 Access timeout: 300 sec  
 2014-09-09 10:49:18.370 Control Port 4023 Opened  
 2014-09-09 10:49:18.370 Data Port 4024 Opened  
 2014-09-09 10:49:18.370 Registered with Q330  
 2014-09-09 10:49:18.370 Combination Record Received  
 2014-09-09 10:49:18.370 window=4 Min. Timeout=10 Max. Timeout=30

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2014-09-09 10:49:18.370 Link Reset, starting window sequence: 52475  
 2014-09-09 10:49:18.370 GPS Receiver ID Received  
 2014-09-09 10:49:18.370 Manufacturer's Data Received, Property Tag=2017  
 2014-09-09 10:49:18.370 Digitizer Gain & Offsets Received  
 2014-09-09 10:49:18.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4503 recs.  
 seq end: 13466613  
 2014-09-09 10:49:18.370 Baler clock set to 2014-09-09 10:49:17  
 2014-09-09 10:49:18.370 Starting to Read DP Tokens  
 2014-09-09 10:49:18.370 DP Tokens loaded, size=1474 bytes  
 2014-09-09 10:49:18.370 webserver advertising 192.168.200.119:5380  
 2014-09-09 10:49:18.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-09 10:49:18.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-09 10:49:18.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-09 10:49:18.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-09 10:49:18.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-09 10:49:18.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-09 10:49:18.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-09 10:49:18.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-09 10:49:18.370 [2014-09-08 22:48:23.999998] continuity found: 13466613  
 463531704.000000 Q=100  
 2014-09-09 10:49:18.370 [2014-09-08 22:48:23.999998] restoring continuity  
 2014-09-09 10:49:18.370 Sending DT\_OPEN  
 2014-09-09 10:49:18.370 Station: XX-2017  
 2014-09-09 10:49:18.370 Q330 Serial Number: 0100000DB18FC351  
 2014-09-09 10:49:18.370 AMB Serial Number: 0100000B6909DD82  
 2014-09-09 10:49:18.370 Seismo 1 Serial Number: 0000000000000000  
 2014-09-09 10:49:18.370 Seismo 2 Serial Number: 0000000000000000  
 2014-09-09 10:49:18.370 QAPCHP 1 Serial Number: 4643206  
 2014-09-09 10:49:18.370 QAPCHP 2 Serial Number: 3743050  
 2014-09-09 10:49:18.370 KMI Property Tag Number: 2017  
 2014-09-09 10:49:18.370 System Software Version: 1.146  
 2014-09-09 10:49:18.370 Slave Processor Version: 1.11  
 2014-09-09 10:49:18.370 Calibrator Type: QCAL330  
 2014-09-09 10:49:18.370 Calibrator Version: 1.8  
 2014-09-09 10:49:18.370 Auxiliary Board Type: None  
 2014-09-09 10:49:18.370 Clock Type: Motorola M12  
 2014-09-09 10:49:18.370 PLD Version: 7.9  
 2014-09-09 10:49:18.370 Total Hours: 68895.32  
 2014-09-09 10:49:18.370 Power On Hours: 33525.71  
 2014-09-09 10:49:18.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-09 10:49:18.370 Total Number of Boots: 120  
 2014-09-09 10:49:18.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-09 10:49:18.370 Total Number of Re-Syncs: 213  
 2014-09-09 10:49:18.370 Status Inputs: 00000000  
 2014-09-09 10:49:18.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-09 10:49:18.370 Clock Quality: 100%  
 2014-09-09 10:49:18.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-09 10:49:18.370 Clock Phase: 0 usec. max allowed=50000  
 2014-09-09 10:49:18.370 Boom positions:  
 2014-09-09 10:49:18.370 Ch1: -2 Ch2: 4 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-09 10:49:18.370 Analog Status  
 2014-09-09 10:49:18.370 Analog Positive Supply: 5.46V  
 2014-09-09 10:49:18.370 Input Voltage: 13.35V  
 2014-09-09 10:49:18.370 System Temperature: 5C  
 2014-09-09 10:49:18.370 Main Current: 62ma  
 2014-09-09 10:49:18.370 Antenna Current: 0ma  
 2014-09-09 10:49:18.370 GPS Status  
 2014-09-09 10:49:18.370 Time: 10:49:17  
 2014-09-09 10:49:18.370 Date:  
 2014-09-09 10:49:18.370 Fix Type: 1-D  
 2014-09-09 10:49:18.370 Height:  
 2014-09-09 10:49:18.370 Latitude:  
 2014-09-09 10:49:18.370 Longitude:

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2014-09-09 10:49:18.370 On Time: 0min  
 2014-09-09 10:49:18.370 Sat. Used: 0  
 2014-09-09 10:49:18.370 In View: 0  
 2014-09-09 10:49:18.370 Checksum Errors: 0  
 2014-09-09 10:49:18.370 Last GPS timemark: 2014-09-09 10:49:16  
 2014-09-09 10:49:18.370 PLL Status  
 2014-09-09 10:49:18.370 State: Lock  
 2014-09-09 10:49:18.370 Initial VCO: 2202.110352  
 2014-09-09 10:49:18.370 Time Error: -0.000001  
 2014-09-09 10:49:18.370 RMS VCO: 0.0000000  
 2014-09-09 10:49:18.370 Best VCO: 2202.11  
 2014-09-09 10:49:18.370 Seconds Since Track or Lock: 0.0  
 2014-09-09 10:49:18.370 Vco Control: 2202  
 2014-09-09 10:49:18.370 timing mode: external seascan  
 2014-09-09 10:49:18.370 tempco normal  
 2014-09-09 10:49:18.370 PLL update: 10s PLL lock criterion: 5us  
 2014-09-09 10:49:18.370 Pfrac: 150.00  
 2014-09-09 10:49:18.370 VCO slope: -0.0175000  
 2014-09-09 10:49:18.370 VCO intercept: 7.1100001  
 2014-09-09 10:49:18.370 Km delta: 600.0000000  
 2014-09-09 10:49:18.370 Logical Port 4 Status  
 2014-09-09 10:49:18.370 Data Packets Sent: 15127349  
 2014-09-09 10:49:18.370 Flood Packets Sent: 0  
 2014-09-09 10:49:18.370 Packets Re-Sent: 24051  
 2014-09-09 10:49:18.370 Sequence Errors: 0  
 2014-09-09 10:49:18.370 Packet Buffer Used: 22051976  
 2014-09-09 10:49:18.370 Physical Port: Ethernet  
 2014-09-09 10:49:18.370 Baler Model: 14 Software Version: 2.28  
 2014-09-09 10:49:18.370 MAC Address: 00:04:FB:00:02:EA  
 2014-09-09 10:49:18.370 Disk Size: 20000669696  
 2014-09-09 10:49:18.370 Percent of 1177 data files in use: 30.1  
 2014-09-09 10:49:18.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-09 10:49:18.370 Channel Sensitivities (uV per count):  
 2014-09-09 10:49:18.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-09 10:49:18.370 Digitizer Calibration Results:  
 2014-09-09 10:49:18.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-09 10:49:18.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-09 10:49:18.370 DMU1 Software Version=10  
 2014-09-09 10:49:18.370 Supply Voltage=12.6  
 2014-09-09 10:49:18.370 Supply Current=0.41  
 2014-09-09 10:49:18.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-09 10:49:18.370 WebLink Data Maps Restored  
 2014-09-09 10:49:18.370 [2014-09-08 22:48:23.999998] sequence resumes: 13466613 to  
 13466613  
 2014-09-09 10:49:18.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-09 10:49:17  
 2014-09-09 10:49:18.370 [2014-09-09 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-09-09 10:54:48.580 Reducing Status Polling Interval  
 2014-09-09 10:54:48.580 [2014-09-09 10:54:48.000000] total packets received: 45705  
 2014-09-09 10:54:48.580 [2014-09-09 10:54:48.000000] command timeouts: 6  
 2014-09-09 10:54:48.580 [2014-09-09 10:54:48.000000] out of window: 68  
 2014-09-09 10:54:48.580 written: HHZ-1150 HH1-1382 HH2-1370 BDH-440 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-09-09 10:54:48.580 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-09-09 10:54:48.580 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-09-09 10:54:48.580 [2014-09-09 10:54:48.000000] Done: 4479 recs. seq end:  
 13510197. run: 325 s  
 2014-09-09 22:55:40.320  
 2014-09-09 22:55:40.320 Control Port 2491 Opened  
 2014-09-09 22:55:40.320 Baler ready on Ethernet  
 2014-09-09 22:55:40.320 Power Cycled Baler Acknowledged

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2014-09-09 22:55:40.320 Commands Accepted by Q330
2014-09-09 22:55:40.320 Access timeout: 300 sec
2014-09-09 22:55:40.320 Control Port 4023 Opened
2014-09-09 22:55:40.320 Data Port 4024 Opened
2014-09-09 22:55:40.320 Registered with Q330
2014-09-09 22:55:40.320 Combination Record Received
2014-09-09 22:55:40.320 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-09 22:55:40.320 Link Reset, starting window sequence: 32541
2014-09-09 22:55:40.320 GPS Receiver ID Received
2014-09-09 22:55:40.320 Manufacturer's Data Received, Property Tag=2017
2014-09-09 22:55:40.320 Digitizer Gain & Offsets Received
2014-09-09 22:55:40.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4479 recs.
seq end: 13510197
2014-09-09 22:55:40.320 Baler clock set to 2014-09-09 22:55:39
2014-09-09 22:55:40.320 Starting to Read DP Tokens
2014-09-09 22:55:40.320 DP Tokens loaded, size=1474 bytes
2014-09-09 22:55:40.320 webserver advertising 192.168.200.119:5380
2014-09-09 22:55:40.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-09 22:55:40.320 filters & delay HH1:2@100,Linear all=0.320000
2014-09-09 22:55:40.320 filters & delay HH2:3@100,Linear all=0.320000
2014-09-09 22:55:40.320 filters & delay BDH:4@20,Linear all=1.650000
2014-09-09 22:55:40.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-09 22:55:40.320 filters & delay LH1:2@1,Linear all=15.000000
2014-09-09 22:55:40.320 filters & delay LH2:3@1,Linear all=15.000000
2014-09-09 22:55:40.320 filters & delay LDH:4@1,Linear all=15.000000
2014-09-09 22:55:40.320 [2014-09-09 10:54:48.000000] continuity found: 13510197
463575288.000000 Q=100
2014-09-09 22:55:40.320 [2014-09-09 10:54:48.000000] restoring continuity
2014-09-09 22:55:40.320 Sending DT_OPEN
2014-09-09 22:55:40.320 Station: XX-2017
2014-09-09 22:55:40.320 Q330 Serial Number: 0100000DB18FC351
2014-09-09 22:55:40.320 AMB Serial Number: 0100000B6909DD82
2014-09-09 22:55:40.320 Seismo 1 Serial Number: 0000000000000000
2014-09-09 22:55:40.320 Seismo 2 Serial Number: 0000000000000000
2014-09-09 22:55:40.320 QAPCHP 1 Serial Number: 4643206
2014-09-09 22:55:40.320 QAPCHP 2 Serial Number: 3743050
2014-09-09 22:55:40.320 KMI Property Tag Number: 2017
2014-09-09 22:55:40.320 System Software Version: 1.146
2014-09-09 22:55:40.320 Slave Processor Version: 1.11
2014-09-09 22:55:40.320 Calibrator Type: QCAL330
2014-09-09 22:55:40.320 Calibrator Version: 1.8
2014-09-09 22:55:40.320 Auxiliary Board Type: None
2014-09-09 22:55:40.320 Clock Type: Motorola M12
2014-09-09 22:55:40.320 PLD Version: 7.9
2014-09-09 22:55:40.320 Total Hours: 68907.43
2014-09-09 22:55:40.320 Power On Hours: 33537.81
2014-09-09 22:55:40.320 Time of Last Boot: 2014-04-06 02:03:58
2014-09-09 22:55:40.320 Total Number of Boots: 120
2014-09-09 22:55:40.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-09 22:55:40.320 Total Number of Re-Syncs: 213
2014-09-09 22:55:40.320 Status Inputs: 00000000
2014-09-09 22:55:40.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-09 22:55:40.320 Clock Quality: 100%
2014-09-09 22:55:40.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-09 22:55:40.320 Clock Phase: 0 usec. max allowed=50000
2014-09-09 22:55:40.320 Boom positions:
2014-09-09 22:55:40.320 ch1: -2 ch2: 1 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-09-09 22:55:40.320 Analog Status
2014-09-09 22:55:40.320 Analog Positive Supply: 5.46V
2014-09-09 22:55:40.320 Input Voltage: 13.20V
2014-09-09 22:55:40.320 System Temperature: 5C
2014-09-09 22:55:40.320 Main Current: 62ma
2014-09-09 22:55:40.320 Antenna Current: 0ma

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2014-09-09 22:55:40.320 GPS Status
2014-09-09 22:55:40.320 Time: 22:55:39
2014-09-09 22:55:40.320 Date:
2014-09-09 22:55:40.320 Fix Type: 1-D
2014-09-09 22:55:40.320 Height:
2014-09-09 22:55:40.320 Latitude:
2014-09-09 22:55:40.320 Longitude:
2014-09-09 22:55:40.320 On Time: 0min
2014-09-09 22:55:40.320 Sat. Used: 0
2014-09-09 22:55:40.320 In View: 0
2014-09-09 22:55:40.320 Checksum Errors: 0
2014-09-09 22:55:40.320 Last GPS timemark: 2014-09-09 22:55:38
2014-09-09 22:55:40.320 PLL Status
2014-09-09 22:55:40.320 State: Lock
2014-09-09 22:55:40.320 Initial VCO: 2201.833496
2014-09-09 22:55:40.320 Time Error: 0.000000
2014-09-09 22:55:40.320 RMS VCO: 0.0000000
2014-09-09 22:55:40.320 Best VCO: 2201.77
2014-09-09 22:55:40.320 Seconds Since Track or Lock: 0.0
2014-09-09 22:55:40.320 Vco Control: 2202
2014-09-09 22:55:40.320 timing mode: external seascan
2014-09-09 22:55:40.320 tempco normal
2014-09-09 22:55:40.320 PLL update: 10s PLL lock criterion: 5us
2014-09-09 22:55:40.320 Pfrac: 150.00
2014-09-09 22:55:40.320 VCO slope: -0.0175000
2014-09-09 22:55:40.320 VCO intercept: 7.1100001
2014-09-09 22:55:40.320 km delta: 600.0000000
2014-09-09 22:55:40.320 Logical Port 4 Status
2014-09-09 22:55:40.320 Data Packets Sent: 15172956
2014-09-09 22:55:40.320 Flood Packets Sent: 0
2014-09-09 22:55:40.320 Packets Re-Sent: 24134
2014-09-09 22:55:40.320 Sequence Errors: 0
2014-09-09 22:55:40.320 Packet Buffer Used: 22497036
2014-09-09 22:55:40.320 Physical Port: Ethernet
2014-09-09 22:55:40.320 Baler Model: 14 Software Version: 2.28
2014-09-09 22:55:40.320 MAC Address: 00:04:FB:00:02:EA
2014-09-09 22:55:40.320 Disk Size: 20000669696
2014-09-09 22:55:40.320 Percent of 1177 data files in use: 30.3
2014-09-09 22:55:40.320 Channels Enabled: 1234 Preamps ON channels:
2014-09-09 22:55:40.320 Channel Sensitivities (uV per count):
2014-09-09 22:55:40.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-09 22:55:40.320 Digitizer Calibration Results:
2014-09-09 22:55:40.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-09 22:55:40.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-09 22:55:40.320 DMU1 Software Version=10
2014-09-09 22:55:40.320 Supply Voltage=12.6
2014-09-09 22:55:40.320 Supply Current=0.42
2014-09-09 22:55:40.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-09 22:55:40.320 webLink Data Maps Restored
2014-09-09 22:55:40.320 [2014-09-09 10:54:48.000000] sequence resumes: 13510197 to
13510197
2014-09-09 22:55:40.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-09 22:55:39
2014-09-09 23:01:09.820 [2014-09-09 22:51:22.000000] total packets received: 48544
2014-09-09 23:01:09.820 [2014-09-09 22:51:22.000000] command timeouts: 6
2014-09-09 23:01:09.820 [2014-09-09 22:51:22.000000] out of window: 71
2014-09-09 23:01:09.820 written: HHZ-1195 HH1-1393 HH2-1356 BDH-440 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-09-09 23:01:09.820 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2014-09-09 23:01:09.820 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-09-09 23:01:09.820 [2014-09-09 22:51:22.000000] Done: 4527 recs. seq end:
13553191. run: 325 s

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2014-09-10 11:02:02.330
2014-09-10 11:02:02.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-10 11:02:02.330 Control Port 2491 Opened
2014-09-10 11:02:02.330 Baler ready on Ethernet
2014-09-10 11:02:02.330 Power Cycled Baler Acknowledged
2014-09-10 11:02:02.330 Commands Accepted by Q330
2014-09-10 11:02:02.330 Access timeout: 300 sec
2014-09-10 11:02:02.330 Control Port 4023 Opened
2014-09-10 11:02:02.330 Data Port 4024 Opened
2014-09-10 11:02:02.330 Registered with Q330
2014-09-10 11:02:02.330 Combination Record Received
2014-09-10 11:02:02.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-10 11:02:02.330 Link Reset, starting window sequence: 15443
2014-09-10 11:02:02.330 GPS Receiver ID Received
2014-09-10 11:02:02.330 Manufacturer's Data Received, Property Tag=2017
2014-09-10 11:02:02.330 Digitizer Gain & Offsets Received
2014-09-10 11:02:02.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4527 recs.
seq end: 13553191
2014-09-10 11:02:02.330 Baler clock set to 2014-09-10 11:02:01
2014-09-10 11:02:02.330 Starting to Read DP Tokens
2014-09-10 11:02:02.330 DP Tokens loaded, size=1474 bytes
2014-09-10 11:02:02.330 webserver advertising 192.168.200.119:5380
2014-09-10 11:02:02.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-10 11:02:02.330 filters & delay HH1:2@100,Linear all=0.320000
2014-09-10 11:02:02.330 filters & delay HH2:3@100,Linear all=0.320000
2014-09-10 11:02:02.330 filters & delay BDH:4@20,Linear all=1.650000
2014-09-10 11:02:02.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-10 11:02:02.330 filters & delay LH1:2@1,Linear all=15.000000
2014-09-10 11:02:02.330 filters & delay LH2:3@1,Linear all=15.000000
2014-09-10 11:02:02.330 filters & delay LDH:4@1,Linear all=15.000000
2014-09-10 11:02:02.330 [2014-09-09 22:51:22.000000] continuity found: 13553191
463618282.000000 Q=100
2014-09-10 11:02:02.330 [2014-09-09 22:51:22.000000] restoring continuity
2014-09-10 11:02:02.330 Sending DT_OPEN
2014-09-10 11:02:02.330 Station: XX-2017
2014-09-10 11:02:02.330 Q330 Serial Number: 0100000DB18FC351
2014-09-10 11:02:02.330 AMB Serial Number: 0100000B6909DD82
2014-09-10 11:02:02.330 Seismo 1 Serial Number: 0000000000000000
2014-09-10 11:02:02.330 Seismo 2 Serial Number: 0000000000000000
2014-09-10 11:02:02.330 QAPCHP 1 Serial Number: 4643206
2014-09-10 11:02:02.330 QAPCHP 2 Serial Number: 3743050
2014-09-10 11:02:02.330 KMI Property Tag Number: 2017
2014-09-10 11:02:02.330 System Software Version: 1.146
2014-09-10 11:02:02.330 Slave Processor Version: 1.11
2014-09-10 11:02:02.330 Calibrator Type: QCAL330
2014-09-10 11:02:02.330 Calibrator Version: 1.8
2014-09-10 11:02:02.330 Auxiliary Board Type: None
2014-09-10 11:02:02.330 Clock Type: Motorola M12
2014-09-10 11:02:02.330 PLD Version: 7.9
2014-09-10 11:02:02.330 Total Hours: 68919.54
2014-09-10 11:02:02.330 Power On Hours: 33549.92
2014-09-10 11:02:02.330 Time of Last Boot: 2014-04-06 02:03:58
2014-09-10 11:02:02.330 Total Number of Boots: 120
2014-09-10 11:02:02.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-10 11:02:02.330 Total Number of Re-Syncs: 213
2014-09-10 11:02:02.330 Status Inputs: 00000000
2014-09-10 11:02:02.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-10 11:02:02.330 Clock Quality: 100%
2014-09-10 11:02:02.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-10 11:02:02.330 Clock Phase: 0 usec. max allowed=50000
2014-09-10 11:02:02.330 Boom positions:
2014-09-10 11:02:02.330 ch1: -2 ch2: -2 ch3: 7 ch4: 20 ch5: 20 ch6: 20
2014-09-10 11:02:02.330 Analog Status

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S01_messages.txt
2014-09-10 11:02:02.330 Analog Positive Supply: 5.46V
2014-09-10 11:02:02.330 Input Voltage: 13.35V
2014-09-10 11:02:02.330 System Temperature: 5C
2014-09-10 11:02:02.330 Main Current: 62ma
2014-09-10 11:02:02.330 Antenna Current: 0ma
2014-09-10 11:02:02.330 GPS Status
2014-09-10 11:02:02.330 Time: 11:02:00
2014-09-10 11:02:02.330 Date:
2014-09-10 11:02:02.330 Fix Type: 1-D
2014-09-10 11:02:02.330 Height:
2014-09-10 11:02:02.330 Latitude:
2014-09-10 11:02:02.330 Longitude:
2014-09-10 11:02:02.330 On Time: 0min
2014-09-10 11:02:02.330 Sat. Used: 0
2014-09-10 11:02:02.330 In View: 0
2014-09-10 11:02:02.330 Checksum Errors: 0
2014-09-10 11:02:02.330 Last GPS timemark: 2014-09-10 11:01:59
2014-09-10 11:02:02.330 PLL Status
2014-09-10 11:02:02.330 State: Lock
2014-09-10 11:02:02.330 Initial VCO: 2202.116943
2014-09-10 11:02:02.330 Time Error: 0.000000
2014-09-10 11:02:02.330 RMS VCO: 0.0000000
2014-09-10 11:02:02.330 Best VCO: 2202.13
2014-09-10 11:02:02.330 Seconds Since Track or Lock: 0.0
2014-09-10 11:02:02.330 Vco Control: 2202
2014-09-10 11:02:02.330 tempco normal
2014-09-10 11:02:02.330 PLL update: 10s PLL lock criterion: 5us
2014-09-10 11:02:02.330 Pfrac: 150.00
2014-09-10 11:02:02.330 VCO slope: -0.0175000
2014-09-10 11:02:02.330 VCO intercept: 7.1100001
2014-09-10 11:02:02.330 Km delta: 600.0000000
2014-09-10 11:02:02.330 Logical Port 4 Status
2014-09-10 11:02:02.330 Data Packets Sent: 15221399
2014-09-10 11:02:02.330 Flood Packets Sent: 0
2014-09-10 11:02:02.330 Packets Re-Sent: 24220
2014-09-10 11:02:02.330 Sequence Errors: 0
2014-09-10 11:02:02.330 Packet Buffer Used: 22469352
2014-09-10 11:02:02.330 Physical Port: Ethernet
2014-09-10 11:02:02.330 Baler Model: 14 Software Version: 2.28
2014-09-10 11:02:02.330 MAC Address: 00:04:FB:00:02:EA
2014-09-10 11:02:02.330 Disk Size: 20000669696
2014-09-10 11:02:02.330 Percent of 1177 data files in use: 30.3
2014-09-10 11:02:02.330 Channels Enabled: 1234 Preamps ON channels:
2014-09-10 11:02:02.330 Channel Sensitivities (uV per count):
2014-09-10 11:02:02.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-10 11:02:02.330 Digitizer Calibration Results:
2014-09-10 11:02:02.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-10 11:02:02.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-10 11:02:02.330 DMU1 Software Version=10
2014-09-10 11:02:02.330 Supply Voltage=12.7
2014-09-10 11:02:02.330 Supply Current=0.41
2014-09-10 11:02:02.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-10 11:02:02.330 WebLink Data Maps Restored
2014-09-10 11:02:02.330 [2014-09-09 22:51:22.000000] sequence resumes: 13553191 to
13553191
2014-09-10 11:02:02.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-10 11:02:01
2014-09-10 11:02:02.330 [2014-09-10 00:00:00.000000] Saving Configuration to Backup
Memory
2014-09-10 11:07:30.460 Reducing Status Polling Interval
2014-09-10 11:07:30.460 [2014-09-10 11:07:28.999998] total packets received: 45030
2014-09-10 11:07:30.460 [2014-09-10 11:07:28.999998] command timeouts: 6
2014-09-10 11:07:30.460 [2014-09-10 11:07:28.999998] out of window: 62

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S01\_messages.txt

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2014-09-10 11:07:30.460 written: HHZ-1194 HH1-1426 HH2-1349 BDH-452 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-10 11:07:30.460 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-24 LDH-26
VMZ-2 VM1-2
2014-09-10 11:07:30.460 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-09-10 11:07:30.460 [2014-09-10 11:07:28.999998] Done: 4565 recs. seq end:
13597358. run: 323 s
2014-09-10 23:08:23.350
2014-09-10 23:08:23.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-10 23:08:23.350 Control Port 2491 Opened
2014-09-10 23:08:23.350 Baler ready on Ethernet
2014-09-10 23:08:23.350 Power Cycled Baler Acknowledged
2014-09-10 23:08:23.350 Commands Accepted by Q330
2014-09-10 23:08:23.350 Access timeout: 300 sec
2014-09-10 23:08:23.350 Control Port 4023 Opened
2014-09-10 23:08:23.350 Data Port 4024 Opened
2014-09-10 23:08:23.350 Registered with Q330
2014-09-10 23:08:23.350 Combination Record Received
2014-09-10 23:08:23.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-10 23:08:23.350 Link Reset, starting window sequence: 60376
2014-09-10 23:08:23.350 GPS Receiver ID Received
2014-09-10 23:08:23.350 Manufacturer's Data Received, Property Tag=2017
2014-09-10 23:08:23.350 Digitizer Gain & Offsets Received
2014-09-10 23:08:23.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4565 recs.
seq end: 13597358
2014-09-10 23:08:23.350 Baler clock set to 2014-09-10 23:08:22
2014-09-10 23:08:23.350 Starting to Read DP Tokens
2014-09-10 23:08:23.350 DP Tokens loaded, size=1474 bytes
2014-09-10 23:08:23.350 Webserver advertising 192.168.200.119:5380
2014-09-10 23:08:23.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-10 23:08:23.350 filters & delay HH1:2@100,Linear all=0.320000
2014-09-10 23:08:23.350 filters & delay HH2:3@100,Linear all=0.320000
2014-09-10 23:08:23.350 filters & delay BDH:4@20,Linear all=1.650000
2014-09-10 23:08:23.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-10 23:08:23.350 filters & delay LH1:2@1,Linear all=15.000000
2014-09-10 23:08:23.350 filters & delay LH2:3@1,Linear all=15.000000
2014-09-10 23:08:23.350 filters & delay LDH:4@1,Linear all=15.000000
2014-09-10 23:08:23.350 [2014-09-10 11:07:28.999998] continuity found: 13597358
463662449.000000 Q=100
2014-09-10 23:08:23.350 [2014-09-10 11:07:28.999998] restoring continuity
2014-09-10 23:08:23.350 Sending DT_OPEN
2014-09-10 23:08:23.350 Station: XX-2017
2014-09-10 23:08:23.350 Q330 Serial Number: 0100000DB18FC351
2014-09-10 23:08:23.350 AMB Serial Number: 0100000B6909DD82
2014-09-10 23:08:23.350 Seismo 1 Serial Number: 0000000000000000
2014-09-10 23:08:23.350 Seismo 2 Serial Number: 0000000000000000
2014-09-10 23:08:23.350 QAPCHP 1 Serial Number: 4643206
2014-09-10 23:08:23.350 QAPCHP 2 Serial Number: 3743050
2014-09-10 23:08:23.350 KMI Property Tag Number: 2017
2014-09-10 23:08:23.350 System Software Version: 1.146
2014-09-10 23:08:23.350 Slave Processor Version: 1.11
2014-09-10 23:08:23.350 Calibrator Type: QCAL330
2014-09-10 23:08:23.350 Calibrator Version: 1.8
2014-09-10 23:08:23.350 Auxiliary Board Type: None
2014-09-10 23:08:23.350 Clock Type: Motorola M12
2014-09-10 23:08:23.350 PLD Version: 7.9
2014-09-10 23:08:23.350 Total Hours: 68931.64
2014-09-10 23:08:23.350 Power On Hours: 33562.03
2014-09-10 23:08:23.350 Time of Last Boot: 2014-04-06 02:03:58
2014-09-10 23:08:23.350 Total Number of Boots: 120
2014-09-10 23:08:23.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-10 23:08:23.350 Total Number of Re-Syncs: 213
2014-09-10 23:08:23.350 Status Inputs: 00000000

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S01\_messages.txt

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2014-09-10 23:08:23.350 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-09-10 23:08:23.350 Clock Quality: 100%
2014-09-10 23:08:23.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-10 23:08:23.350 Clock Phase: -2 usec. max allowed=50000
2014-09-10 23:08:23.350 Boom positions:
2014-09-10 23:08:23.350 Ch1: -2 Ch2: -4 Ch3: 9 Ch4: 20 Ch5: 20 Ch6: 20
2014-09-10 23:08:23.350 Analog Status
2014-09-10 23:08:23.350 Analog Positive Supply: 5.46v
2014-09-10 23:08:23.350 Input Voltage: 13.35v
2014-09-10 23:08:23.350 System Temperature: 5C
2014-09-10 23:08:23.350 Main Current: 62ma
2014-09-10 23:08:23.350 Antenna Current: 0ma
2014-09-10 23:08:23.350 GPS Status
2014-09-10 23:08:23.350 Time: 23:08:22
2014-09-10 23:08:23.350 Date:
2014-09-10 23:08:23.350 Fix Type: 1-D
2014-09-10 23:08:23.350 Height:
2014-09-10 23:08:23.350 Latitude:
2014-09-10 23:08:23.350 Longitude:
2014-09-10 23:08:23.350 On Time: 0min
2014-09-10 23:08:23.350 Sat. Used: 0
2014-09-10 23:08:23.350 In View: 0
2014-09-10 23:08:23.350 Checksum Errors: 0
2014-09-10 23:08:23.350 Last GPS timemark: 2014-09-10 23:08:21
2014-09-10 23:08:23.350 PLL Status
2014-09-10 23:08:23.350 State: Lock
2014-09-10 23:08:23.350 Initial VCO: 2202.221924
2014-09-10 23:08:23.350 Time Error: 0.000000
2014-09-10 23:08:23.350 RMS VCO: 0.0000000
2014-09-10 23:08:23.350 Best VCO: 2202.19
2014-09-10 23:08:23.350 Seconds Since Track or Lock: 0.0
2014-09-10 23:08:23.350 Vco Control: 2202
2014-09-10 23:08:23.350 timing mode: external seascan
2014-09-10 23:08:23.350 tempco normal
2014-09-10 23:08:23.350 PLL update: 10s  PLL lock criterion: 5us
2014-09-10 23:08:23.350 Pfrac: 150.00
2014-09-10 23:08:23.350 VCO slope: -0.0175000
2014-09-10 23:08:23.350 VCO intercept: 7.1100001
2014-09-10 23:08:23.350 km delta: 600.0000000
2014-09-10 23:08:23.350 Logical Port 4 Status
2014-09-10 23:08:23.350 Data Packets Sent: 15266337
2014-09-10 23:08:23.350 Flood Packets Sent: 0
2014-09-10 23:08:23.350 Packets Re-Sent: 24296
2014-09-10 23:08:23.350 Sequence Errors: 0
2014-09-10 23:08:23.350 Packet Buffer Used: 23035928
2014-09-10 23:08:23.350 Physical Port: Ethernet
2014-09-10 23:08:23.350 Baler Model: 14   Software Version: 2.28
2014-09-10 23:08:23.350 MAC Address: 00:04:FB:00:02:EA
2014-09-10 23:08:23.350 Disk Size: 20000669696
2014-09-10 23:08:23.350 Percent of 1177 data files in use: 30.4
2014-09-10 23:08:23.350 Channels Enabled: 1234  Preamps ON channels:
2014-09-10 23:08:23.350 Channel Sensitivities (uV per count):
2014-09-10 23:08:23.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-10 23:08:23.350 Digitizer Calibration Results:
2014-09-10 23:08:23.350 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2014-09-10 23:08:23.350 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2014-09-10 23:08:23.350 DMU1 Software Version=10
2014-09-10 23:08:23.350 Supply Voltage=12.8
2014-09-10 23:08:23.350 Supply Current=0.41
2014-09-10 23:08:23.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-10 23:08:23.350 webLink Data Maps Restored
2014-09-10 23:08:23.350 [2014-09-10 11:07:28.999998] sequence resumes: 13597358 to
13597358

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S01\_messages.txt

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2014-09-10 23:08:23.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-10 23:08:22
2014-09-10 23:14:05.860 Reducing Status Polling Interval
2014-09-10 23:14:05.860 [2014-09-10 23:14:05.999998] total packets received: 52943
2014-09-10 23:14:05.860 [2014-09-10 23:14:05.999998] command timeouts: 6
2014-09-10 23:14:05.860 [2014-09-10 23:14:05.999998] out of window: 62
2014-09-10 23:14:05.860 written: HHZ-1239 HH1-1477 HH2-1413 BDH-446 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-09-10 23:14:05.860 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-25
VMZ-1 VM1-1
2014-09-10 23:14:05.860 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-09-10 23:14:05.860 [2014-09-10 23:14:05.999998] Done: 4713 recs. seq end:
13640955. run: 338 s
2014-09-11 11:15:00.350
2014-09-11 11:15:00.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-11 11:15:00.350 Control Port 2491 Opened
2014-09-11 11:15:00.350 Baler ready on Ethernet
2014-09-11 11:15:00.350 Power Cycled Baler Acknowledged
2014-09-11 11:15:00.350 Commands Accepted by Q330
2014-09-11 11:15:00.350 Access timeout: 300 sec
2014-09-11 11:15:00.350 Control Port 4023 Opened
2014-09-11 11:15:00.350 Data Port 4024 Opened
2014-09-11 11:15:00.350 Registered with Q330
2014-09-11 11:15:00.350 Combination Record Received
2014-09-11 11:15:00.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-11 11:15:00.350 Link Reset, starting window sequence: 47685
2014-09-11 11:15:00.350 GPS Receiver ID Received
2014-09-11 11:15:00.350 Manufacturer's Data Received, Property Tag=2017
2014-09-11 11:15:00.350 Digitizer Gain & Offsets Received
2014-09-11 11:15:00.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4713 recs.
seq end: 13640955
2014-09-11 11:15:00.350 Baler clock set to 2014-09-11 11:14:59
2014-09-11 11:15:00.350 Starting to Read DP Tokens
2014-09-11 11:15:00.350 DP Tokens loaded, size=1474 bytes
2014-09-11 11:15:00.350 webserver advertising 192.168.200.119:5380
2014-09-11 11:15:00.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-11 11:15:00.350 filters & delay HH1:2@100,Linear all=0.320000
2014-09-11 11:15:00.350 filters & delay HH2:3@100,Linear all=0.320000
2014-09-11 11:15:00.350 filters & delay BDH:4@20,Linear all=1.650000
2014-09-11 11:15:00.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-11 11:15:00.350 filters & delay LH1:2@1,Linear all=15.000000
2014-09-11 11:15:00.350 filters & delay LH2:3@1,Linear all=15.000000
2014-09-11 11:15:00.350 filters & delay LDH:4@1,Linear all=15.000000
2014-09-11 11:15:00.350 [2014-09-10 23:14:05.999998] continuity found: 13640955
463706046.000000 Q=100
2014-09-11 11:15:00.350 [2014-09-10 23:14:05.999998] restoring continuity
2014-09-11 11:15:00.350 Sending DT_OPEN
2014-09-11 11:15:00.350 Station: XX-2017
2014-09-11 11:15:00.350 AMB Serial Number: 0100000B6909DD82
2014-09-11 11:15:00.350 Seismo 1 Serial Number: 0000000000000000
2014-09-11 11:15:00.350 Seismo 2 Serial Number: 0000000000000000
2014-09-11 11:15:00.350 QAPCHP 1 Serial Number: 4643206
2014-09-11 11:15:00.350 QAPCHP 2 Serial Number: 3743050
2014-09-11 11:15:00.350 KMI Property Tag Number: 2017
2014-09-11 11:15:00.350 System Software Version: 1.146
2014-09-11 11:15:00.350 Slave Processor Version: 1.11
2014-09-11 11:15:00.350 Calibrator Type: QCAL330
2014-09-11 11:15:00.350 Calibrator Version: 1.8
2014-09-11 11:15:00.350 Auxiliary Board Type: None
2014-09-11 11:15:00.350 Clock Type: Motorola M12
2014-09-11 11:15:00.350 PLD Version: 7.9
2014-09-11 11:15:00.350 Total Hours: 68943.75
2014-09-11 11:15:00.350 Power On Hours: 33574.14

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S01\_messages.txt

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2014-09-11 11:15:00.350 Time of Last Boot: 2014-04-06 02:03:58
2014-09-11 11:15:00.350 Total Number of Boots: 120
2014-09-11 11:15:00.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-11 11:15:00.350 Total Number of Re-Syncs: 213
2014-09-11 11:15:00.350 Status Inputs: 00000000
2014-09-11 11:15:00.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-11 11:15:00.350 Clock Quality: 100%
2014-09-11 11:15:00.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-11 11:15:00.350 Clock Phase: 0 usec. max allowed=50000
2014-09-11 11:15:00.350 Boom positions:
2014-09-11 11:15:00.350 ch1: -2 ch2: -7 ch3: 12 ch4: 20 ch5: 20 ch6: 20
2014-09-11 11:15:00.350 Analog Status
2014-09-11 11:15:00.350 Analog Positive Supply: 5.46V
2014-09-11 11:15:00.350 Input Voltage: 13.35V
2014-09-11 11:15:00.350 System Temperature: 5C
2014-09-11 11:15:00.350 Main Current: 62ma
2014-09-11 11:15:00.350 Antenna Current: 0ma
2014-09-11 11:15:00.350 GPS Status
2014-09-11 11:15:00.350 Time: 11:14:59
2014-09-11 11:15:00.350 Date:
2014-09-11 11:15:00.350 Fix Type: 1-D
2014-09-11 11:15:00.350 Height:
2014-09-11 11:15:00.350 Latitude:
2014-09-11 11:15:00.350 Longitude:
2014-09-11 11:15:00.350 On Time: 0min
2014-09-11 11:15:00.350 Sat. Used: 0
2014-09-11 11:15:00.350 In View: 0
2014-09-11 11:15:00.350 Checksum Errors: 0
2014-09-11 11:15:00.350 Last GPS timemark: 2014-09-11 11:14:58
2014-09-11 11:15:00.350 PLL Status
2014-09-11 11:15:00.350 State: Lock
2014-09-11 11:15:00.350 Initial VCO: 2201.833740
2014-09-11 11:15:00.350 Time Error: 0.000000
2014-09-11 11:15:00.350 RMS VCO: 0.0000000
2014-09-11 11:15:00.350 Best VCO: 2201.80
2014-09-11 11:15:00.350 Seconds Since Track or Lock: 0.0
2014-09-11 11:15:00.350 Vco Control: 2202
2014-09-11 11:15:00.350 timing mode: external seascan
2014-09-11 11:15:00.350 tempco normal
2014-09-11 11:15:00.350 PLL update: 10s PLL lock criterion: 5us
2014-09-11 11:15:00.350 Pfrac: 150.00
2014-09-11 11:15:00.350 VCO slope: -0.0175000
2014-09-11 11:15:00.350 VCO intercept: 7.1100001
2014-09-11 11:15:00.350 Km delta: 600.0000000
2014-09-11 11:15:00.350 Logical Port 4 Status
2014-09-11 11:15:00.350 Data Packets Sent: 15319187
2014-09-11 11:15:00.350 Flood Packets Sent: 0
2014-09-11 11:15:00.350 Packets Re-Sent: 24378
2014-09-11 11:15:00.350 Sequence Errors: 0
2014-09-11 11:15:00.350 Packet Buffer Used: 22251076
2014-09-11 11:15:00.350 Physical Port: Ethernet
2014-09-11 11:15:00.350 Baler Model: 14 Software Version: 2.28
2014-09-11 11:15:00.350 MAC Address: 00:04:FB:00:02:EA
2014-09-11 11:15:00.350 Disk Size: 20000669696
2014-09-11 11:15:00.350 Percent of 1177 data files in use: 30.5
2014-09-11 11:15:00.350 Channels Enabled: 1234 Preamps ON channels:
2014-09-11 11:15:00.350 Channel Sensitivities (uV per count):
2014-09-11 11:15:00.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-11 11:15:00.350 Digitizer Calibration Results:
2014-09-11 11:15:00.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-11 11:15:00.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-11 11:15:00.350 DMU1 Software Version=10
2014-09-11 11:15:00.350 Supply Voltage=12.8

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2014-09-11 11:15:00.350 Supply Current=0.41  
 2014-09-11 11:15:00.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-11 11:15:00.350 WebLink Data Maps Restored  
 2014-09-11 11:15:00.350 [2014-09-10 23:14:05.999998] sequence resumes: 13640955 to 13640955  
 2014-09-11 11:15:00.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-11 11:14:59  
 2014-09-11 11:15:00.350 [2014-09-11 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-09-11 11:20:37.980 Reducing Status Polling Interval  
 2014-09-11 11:20:37.980 [2014-09-11 11:20:37.000000] total packets received: 45349  
 2014-09-11 11:20:37.980 [2014-09-11 11:20:37.000000] command timeouts: 6  
 2014-09-11 11:20:37.980 [2014-09-11 11:20:37.000000] out of window: 86  
 2014-09-11 11:20:37.980 written: HHZ-1188 HH1-1434 HH2-1325 BDH-442 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-11 11:20:37.980 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-09-11 11:20:37.980 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-09-11 11:20:37.980 [2014-09-11 11:20:37.000000] Done: 4531 recs. seq end: 13684546. run: 332 s  
 2014-09-11 23:21:31.420  
 2014-09-11 23:21:31.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-11 23:21:31.420 Control Port 2491 Opened  
 2014-09-11 23:21:31.420 Baler ready on Ethernet  
 2014-09-11 23:21:31.420 Power Cycled Baler Acknowledged  
 2014-09-11 23:21:31.420 Commands Accepted by Q330  
 2014-09-11 23:21:31.420 Access timeout: 300 sec  
 2014-09-11 23:21:31.420 Control Port 4023 Opened  
 2014-09-11 23:21:31.420 Data Port 4024 Opened  
 2014-09-11 23:21:31.420 Registered with Q330  
 2014-09-11 23:21:31.420 Combination Record Received  
 2014-09-11 23:21:31.420 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-11 23:21:31.420 Link Reset, starting window sequence: 27376  
 2014-09-11 23:21:31.420 GPS Receiver ID Received  
 2014-09-11 23:21:31.420 Manufacturer's Data Received, Property Tag=2017  
 2014-09-11 23:21:31.420 Digitizer Gain & Offsets Received  
 2014-09-11 23:21:31.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4531 recs. seq end: 13684546  
 2014-09-11 23:21:31.420 Baler clock set to 2014-09-11 23:21:30  
 2014-09-11 23:21:31.420 Starting to Read DP Tokens  
 2014-09-11 23:21:31.420 DP Tokens loaded, size=1474 bytes  
 2014-09-11 23:21:31.420 Webserver advertising 192.168.200.119:5380  
 2014-09-11 23:21:31.420 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-11 23:21:31.420 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-11 23:21:31.420 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-11 23:21:31.420 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-11 23:21:31.420 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-11 23:21:31.420 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-11 23:21:31.420 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-11 23:21:31.420 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-11 23:21:31.420 [2014-09-11 11:20:37.000000] continuity found: 13684546  
 463749637.000000 Q=100  
 2014-09-11 23:21:31.420 [2014-09-11 11:20:37.000000] restoring continuity  
 2014-09-11 23:21:31.420 Sending DT\_OPEN  
 2014-09-11 23:21:31.420 Station: XX-2017  
 2014-09-11 23:21:31.420 Q330 Serial Number: 0100000DB18FC351  
 2014-09-11 23:21:31.420 AMB Serial Number: 0100000B6909DD82  
 2014-09-11 23:21:31.420 Seismo 1 Serial Number: 0000000000000000  
 2014-09-11 23:21:31.420 Seismo 2 Serial Number: 0000000000000000  
 2014-09-11 23:21:31.420 QAPCHP 1 Serial Number: 4643206  
 2014-09-11 23:21:31.420 QAPCHP 2 Serial Number: 3743050  
 2014-09-11 23:21:31.420 KMI Property Tag Number: 2017  
 2014-09-11 23:21:31.420 System Software Version: 1.146

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2014-09-11 23:21:31.420 Slave Processor Version: 1.11  
 2014-09-11 23:21:31.420 Calibrator Type: QCAL330  
 2014-09-11 23:21:31.420 Calibrator Version: 1.8  
 2014-09-11 23:21:31.420 Auxiliary Board Type: None  
 2014-09-11 23:21:31.420 Clock Type: Motorola M12  
 2014-09-11 23:21:31.420 PLD Version: 7.9  
 2014-09-11 23:21:31.420 Total Hours: 68955.86  
 2014-09-11 23:21:31.420 Power On Hours: 33586.25  
 2014-09-11 23:21:31.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-11 23:21:31.420 Total Number of Boots: 120  
 2014-09-11 23:21:31.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-11 23:21:31.420 Total Number of Re-Syncs: 213  
 2014-09-11 23:21:31.420 Status Inputs: 00000000  
 2014-09-11 23:21:31.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-11 23:21:31.420 Clock Quality: 100%  
 2014-09-11 23:21:31.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-11 23:21:31.420 Clock Phase: 0 usec. max allowed=50000  
 2014-09-11 23:21:31.420 Boom positions:  
 2014-09-11 23:21:31.420 ch1: -2 ch2: -9 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2014-09-11 23:21:31.420 Analog Status  
 2014-09-11 23:21:31.420 Analog Positive Supply: 5.46V  
 2014-09-11 23:21:31.420 Input Voltage: 13.35V  
 2014-09-11 23:21:31.420 System Temperature: 5C  
 2014-09-11 23:21:31.420 Main Current: 61ma  
 2014-09-11 23:21:31.420 Antenna Current: 0ma  
 2014-09-11 23:21:31.420 GPS Status  
 2014-09-11 23:21:31.420 Time: 23:21:30  
 2014-09-11 23:21:31.420 Date:  
 2014-09-11 23:21:31.420 Fix Type: 1-D  
 2014-09-11 23:21:31.420 Height:  
 2014-09-11 23:21:31.420 Latitude:  
 2014-09-11 23:21:31.420 Longitude:  
 2014-09-11 23:21:31.420 On Time: 0min  
 2014-09-11 23:21:31.420 Sat. Used: 0  
 2014-09-11 23:21:31.420 In View: 0  
 2014-09-11 23:21:31.420 Checksum Errors: 0  
 2014-09-11 23:21:31.420 Last GPS timemark: 2014-09-11 23:21:29  
 2014-09-11 23:21:31.420 PLL Status  
 2014-09-11 23:21:31.420 State: Lock  
 2014-09-11 23:21:31.420 Initial VCO: 2201.716553  
 2014-09-11 23:21:31.420 Time Error: 0.000000  
 2014-09-11 23:21:31.420 RMS VCO: 0.000000  
 2014-09-11 23:21:31.420 Best VCO: 2201.86  
 2014-09-11 23:21:31.420 Seconds Since Track or Lock: 0.0  
 2014-09-11 23:21:31.420 Vco Control: 2202  
 2014-09-11 23:21:31.420 timing mode: external seascan  
 2014-09-11 23:21:31.420 tempco normal  
 2014-09-11 23:21:31.420 PLL update: 10s PLL lock criterion: 5us  
 2014-09-11 23:21:31.420 Pfrac: 150.00  
 2014-09-11 23:21:31.420 VCO slope: -0.0175000  
 2014-09-11 23:21:31.420 VCO intercept: 7.1100001  
 2014-09-11 23:21:31.420 km delta: 600.0000000  
 2014-09-11 23:21:31.420 Logical Port 4 Status  
 2014-09-11 23:21:31.420 Data Packets Sent: 15364419  
 2014-09-11 23:21:31.420 Flood Packets Sent: 0  
 2014-09-11 23:21:31.420 Packets Re-Sent: 24478  
 2014-09-11 23:21:31.420 Sequence Errors: 0  
 2014-09-11 23:21:31.420 Packet Buffer Used: 22854656  
 2014-09-11 23:21:31.420 Physical Port: Ethernet  
 2014-09-11 23:21:31.420 Baler Model: 14 Software Version: 2.28  
 2014-09-11 23:21:31.420 MAC Address: 00:04:FB:00:02:EA  
 2014-09-11 23:21:31.420 Disk Size: 20000669696  
 2014-09-11 23:21:31.420 Percent of 1177 data files in use: 30.6

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2014-09-11 23:21:31.420 Channels Enabled: 1234 Preamps ON channels:
2014-09-11 23:21:31.420 Channel Sensitivities (uV per count):
2014-09-11 23:21:31.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-11 23:21:31.420 Digitizer Calibration Results:
2014-09-11 23:21:31.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-11 23:21:31.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-11 23:21:31.420 DMU1 Software Version=10
2014-09-11 23:21:31.420 Supply Voltage=12.7
2014-09-11 23:21:31.420 Supply Current=0.40
2014-09-11 23:21:31.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-11 23:21:31.420 WebLink Data Maps Restored
2014-09-11 23:21:31.420 [2014-09-11 11:20:37.000000] sequence resumes: 13684546 to
13684546
2014-09-11 23:21:31.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-11 23:21:30
2014-09-11 23:27:20.030 Reducing Status Polling Interval
2014-09-11 23:27:20.030 [2014-09-11 23:27:18.999998] command timeouts: 6
2014-09-11 23:27:20.030 [2014-09-11 23:27:18.999998] out of window: 67
2014-09-11 23:27:20.030 written: HHZ-1240 HH1-1427 HH2-1422 BDH-433 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-11 23:27:20.030 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-09-11 23:27:20.030 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-09-11 23:27:20.030 [2014-09-11 23:27:18.999998] Done: 4663 recs. seq end:
13728148. run: 345 s
2014-09-12 11:28:14.410
2014-09-12 11:28:14.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-12 11:28:14.410 Control Port 2491 Opened
2014-09-12 11:28:14.410 Baler ready on Ethernet
2014-09-12 11:28:14.410 Power Cycled Baler Acknowledged
2014-09-12 11:28:14.410 Commands Accepted by Q330
2014-09-12 11:28:14.410 Access timeout: 300 sec
2014-09-12 11:28:14.410 Control Port 4023 Opened
2014-09-12 11:28:14.410 Data Port 4024 Opened
2014-09-12 11:28:14.410 Registered with Q330
2014-09-12 11:28:14.410 Combination Record Received
2014-09-12 11:28:14.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-12 11:28:14.410 Link Reset, starting window sequence: 20241
2014-09-12 11:28:14.410 GPS Receiver ID Received
2014-09-12 11:28:14.410 Manufacturer's Data Received, Property Tag=2017
2014-09-12 11:28:14.410 Digitizer Gain & Offsets Received
2014-09-12 11:28:14.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4663 recs.
seq end: 13728148
2014-09-12 11:28:14.410 Baler clock set to 2014-09-12 11:28:13
2014-09-12 11:28:14.410 Starting to Read DP Tokens
2014-09-12 11:28:14.410 DP Tokens loaded, size=1474 bytes
2014-09-12 11:28:14.410 webserver advertising 192.168.200.119:5380
2014-09-12 11:28:14.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-12 11:28:14.410 filters & delay HH1:2@100,Linear all=0.320000
2014-09-12 11:28:14.410 filters & delay HH2:3@100,Linear all=0.320000
2014-09-12 11:28:14.410 filters & delay BDH:4@20,Linear all=1.650000
2014-09-12 11:28:14.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-12 11:28:14.410 filters & delay LH1:2@1,Linear all=15.000000
2014-09-12 11:28:14.410 filters & delay LH2:3@1,Linear all=15.000000
2014-09-12 11:28:14.410 filters & delay LDH:4@1,Linear all=15.000000
2014-09-12 11:28:14.410 [2014-09-11 23:27:18.999998] continuity found: 13728148
463793239.000000 Q=100
2014-09-12 11:28:14.410 [2014-09-11 23:27:18.999998] restoring continuity
2014-09-12 11:28:14.410 Sending DT_OPEN
2014-09-12 11:28:14.410 Station: XX-2017
2014-09-12 11:28:14.410 Q330 Serial Number: 0100000DB18FC351
2014-09-12 11:28:14.410 AMB Serial Number: 0100000B6909DD82
2014-09-12 11:28:14.410 Seismo 1 Serial Number: 0000000000000000

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2014-09-12 11:28:14.410 Seismo 2 Serial Number: 0000000000000000  
 2014-09-12 11:28:14.410 QAPCHP 1 Serial Number: 4643206  
 2014-09-12 11:28:14.410 QAPCHP 2 Serial Number: 3743050  
 2014-09-12 11:28:14.410 KMI Property Tag Number: 2017  
 2014-09-12 11:28:14.410 System Software Version: 1.146  
 2014-09-12 11:28:14.410 Slave Processor Version: 1.11  
 2014-09-12 11:28:14.410 Calibrator Type: QCAL330  
 2014-09-12 11:28:14.410 Calibrator Version: 1.8  
 2014-09-12 11:28:14.410 Auxiliary Board Type: None  
 2014-09-12 11:28:14.410 Clock Type: Motorola M12  
 2014-09-12 11:28:14.410 PLD Version: 7.9  
 2014-09-12 11:28:14.410 Total Hours: 68967.97  
 2014-09-12 11:28:14.410 Power On Hours: 33598.36  
 2014-09-12 11:28:14.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-12 11:28:14.410 Total Number of Boots: 120  
 2014-09-12 11:28:14.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-12 11:28:14.410 Total Number of Re-Syncs: 213  
 2014-09-12 11:28:14.410 Status Inputs: 00000000  
 2014-09-12 11:28:14.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-09-12 11:28:14.410 Clock Quality: 100%  
 2014-09-12 11:28:14.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-12 11:28:14.410 Clock Phase: 0 usec. max allowed=50000  
 2014-09-12 11:28:14.410 Boom positions:  
 2014-09-12 11:28:14.410 Ch1: -2 Ch2: -12 Ch3: 16 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-12 11:28:14.410 Analog Status  
 2014-09-12 11:28:14.410 Analog Positive Supply: 5.46v  
 2014-09-12 11:28:14.410 Input Voltage: 13.35V  
 2014-09-12 11:28:14.410 System Temperature: 5C  
 2014-09-12 11:28:14.410 Main Current: 61ma  
 2014-09-12 11:28:14.410 Antenna Current: 0ma  
 2014-09-12 11:28:14.410 GPS Status  
 2014-09-12 11:28:14.410 Time: 11:28:13  
 2014-09-12 11:28:14.410 Date:  
 2014-09-12 11:28:14.410 Fix Type: 1-D  
 2014-09-12 11:28:14.410 Height:  
 2014-09-12 11:28:14.410 Latitude:  
 2014-09-12 11:28:14.410 Longitude:  
 2014-09-12 11:28:14.410 On Time: 0min  
 2014-09-12 11:28:14.410 Sat. Used: 0  
 2014-09-12 11:28:14.410 In View: 0  
 2014-09-12 11:28:14.410 Checksum Errors: 0  
 2014-09-12 11:28:14.410 Last GPS timemark: 2014-09-12 11:28:12  
 2014-09-12 11:28:14.410 PLL Status  
 2014-09-12 11:28:14.410 State: Lock  
 2014-09-12 11:28:14.410 Initial VCO: 2201.689941  
 2014-09-12 11:28:14.410 Time Error: 0.000000  
 2014-09-12 11:28:14.410 RMS VCO: 0.000000  
 2014-09-12 11:28:14.410 Best VCO: 2201.88  
 2014-09-12 11:28:14.410 Seconds Since Track or Lock: 0.0  
 2014-09-12 11:28:14.410 Vco Control: 2202  
 2014-09-12 11:28:14.410 timing mode: external seascan  
 2014-09-12 11:28:14.410 tempco normal  
 2014-09-12 11:28:14.410 PLL update: 10s PLL lock criterion: 5us  
 2014-09-12 11:28:14.410 Pfrac: 150.00  
 2014-09-12 11:28:14.410 VCO slope: -0.0175000  
 2014-09-12 11:28:14.410 VCO intercept: 7.1100001  
 2014-09-12 11:28:14.410 Km delta: 600.0000000  
 2014-09-12 11:28:14.410 Logical Port 4 Status  
 2014-09-12 11:28:14.410 Data Packets Sent: 15422825  
 2014-09-12 11:28:14.410 Flood Packets Sent: 0  
 2014-09-12 11:28:14.410 Packets Re-Sent: 24564  
 2014-09-12 11:28:14.410 Sequence Errors: 0  
 2014-09-12 11:28:14.410 Packet Buffer Used: 20300488

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2014-09-12 11:28:14.410 Physical Port: Ethernet  
 2014-09-12 11:28:14.410 Baler Model: 14 Software Version: 2.28  
 2014-09-12 11:28:14.410 MAC Address: 00:04:FB:00:02:EA  
 2014-09-12 11:28:14.410 Disk Size: 20000669696  
 2014-09-12 11:28:14.410 Percent of 1177 data files in use: 30.7  
 2014-09-12 11:28:14.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-12 11:28:14.410 Channel Sensitivities (uV per count):  
 2014-09-12 11:28:14.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-12 11:28:14.410 Digitizer Calibration Results:  
 2014-09-12 11:28:14.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-12 11:28:14.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-12 11:28:14.410 DMU1 Software Version=10  
 2014-09-12 11:28:14.410 Supply Voltage=12.7  
 2014-09-12 11:28:14.410 Supply Current=0.41  
 2014-09-12 11:28:14.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-12 11:28:14.410 WebLink Data Maps Restored  
 2014-09-12 11:28:14.410 [2014-09-11 23:27:18.999998] sequence resumes: 13728148 to 13728148  
 2014-09-12 11:28:14.410 [2014-09-12 00:00:00.000000] saving Configuration to Backup Memory  
 2014-09-12 11:28:14.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-12 11:28:13  
 2014-09-12 11:33:20.070 Reducing Status Polling Interval  
 2014-09-12 11:33:20.070 [2014-09-12 11:33:18.999998] total packets received: 43969  
 2014-09-12 11:33:20.070 [2014-09-12 11:33:18.999998] command timeouts: 6  
 2014-09-12 11:33:20.070 [2014-09-12 11:33:18.999998] out of window: 50  
 2014-09-12 11:33:20.070 written: HHZ-1070 HH1-1214 HH2-1232 BDH-405 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-09-12 11:33:20.070 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-09-12 11:33:20.070 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-09-12 11:33:20.070 [2014-09-12 11:33:18.999998] Done: 4057 recs. seq end: 13771708. run: 303 s  
 2014-09-12 23:34:15.380  
 2014-09-12 23:34:15.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-12 23:34:15.380 Control Port 2491 Opened  
 2014-09-12 23:34:15.380 Baler ready on Ethernet  
 2014-09-12 23:34:15.380 Power Cycled Baler Acknowledged  
 2014-09-12 23:34:15.380 Commands Accepted by Q330  
 2014-09-12 23:34:15.380 Access timeout: 300 sec  
 2014-09-12 23:34:15.380 Control Port 4023 Opened  
 2014-09-12 23:34:15.380 Data Port 4024 Opened  
 2014-09-12 23:34:15.380 Registered with Q330  
 2014-09-12 23:34:15.380 Combination Record Received  
 2014-09-12 23:34:15.380 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-12 23:34:15.380 Link Reset, starting window sequence: 64126  
 2014-09-12 23:34:15.380 GPS Receiver ID Received  
 2014-09-12 23:34:15.380 Manufacturer's Data Received, Property Tag=2017  
 2014-09-12 23:34:15.380 Digitizer Gain & Offsets Received  
 2014-09-12 23:34:15.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4057 recs. seq end: 13771708  
 2014-09-12 23:34:15.380 Baler clock set to 2014-09-12 23:34:14  
 2014-09-12 23:34:15.380 Starting to Read DP Tokens  
 2014-09-12 23:34:15.380 DP Tokens loaded, size=1474 bytes  
 2014-09-12 23:34:15.380 webserver advertising 192.168.200.119:5380  
 2014-09-12 23:34:15.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-12 23:34:15.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-12 23:34:15.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-12 23:34:15.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-12 23:34:15.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-12 23:34:15.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-12 23:34:15.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-12 23:34:15.380 filters & delay LDH:4@1,Linear all=15.000000



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2014-09-12 23:34:15.380 [2014-09-12 11:33:18.999998] continuity found: 13771708  
463836799.000000 Q=100  
2014-09-12 23:34:15.380 [2014-09-12 11:33:18.999998] restoring continuity  
2014-09-12 23:34:15.380 Sending DT\_OPEN  
2014-09-12 23:34:15.380 Station: XX-2017  
2014-09-12 23:34:15.380 Q330 Serial Number: 0100000DB18FC351  
2014-09-12 23:34:15.380 AMB Serial Number: 0100000B6909DD82  
2014-09-12 23:34:15.380 Seismo 1 Serial Number: 0000000000000000  
2014-09-12 23:34:15.380 Seismo 2 Serial Number: 0000000000000000  
2014-09-12 23:34:15.380 QAPCHP 1 Serial Number: 4643206  
2014-09-12 23:34:15.380 QAPCHP 2 Serial Number: 3743050  
2014-09-12 23:34:15.380 KMI Property Tag Number: 2017  
2014-09-12 23:34:15.380 System Software Version: 1.146  
2014-09-12 23:34:15.380 Slave Processor Version: 1.11  
2014-09-12 23:34:15.380 Calibrator Type: QCAL330  
2014-09-12 23:34:15.380 Calibrator Version: 1.8  
2014-09-12 23:34:15.380 Auxiliary Board Type: None  
2014-09-12 23:34:15.380 Clock Type: Motorola M12  
2014-09-12 23:34:15.380 PLD Version: 7.9  
2014-09-12 23:34:15.380 Total Hours: 68980.07  
2014-09-12 23:34:15.380 Power On Hours: 33610.46  
2014-09-12 23:34:15.380 Time of Last Boot: 2014-04-06 02:03:58  
2014-09-12 23:34:15.380 Total Number of Boots: 120  
2014-09-12 23:34:15.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-09-12 23:34:15.380 Total Number of Re-Syncs: 213  
2014-09-12 23:34:15.380 Status Inputs: 00000000  
2014-09-12 23:34:15.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-09-12 23:34:15.380 Clock Quality: 100%  
2014-09-12 23:34:15.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-09-12 23:34:15.380 Clock Phase: 0 usec. max allowed=50000  
2014-09-12 23:34:15.380 Boom positions:  
2014-09-12 23:34:15.380 Ch1: -2 Ch2: -14 Ch3: 18 Ch4: 20 Ch5: 20 Ch6: 20  
2014-09-12 23:34:15.380 Analog Status  
2014-09-12 23:34:15.380 Analog Positive Supply: 5.46V  
2014-09-12 23:34:15.380 Input Voltage: 13.20V  
2014-09-12 23:34:15.380 System Temperature: 5C  
2014-09-12 23:34:15.380 Main Current: 62ma  
2014-09-12 23:34:15.380 Antenna Current: 0ma  
2014-09-12 23:34:15.380 GPS Status  
2014-09-12 23:34:15.380 Time: 23:34:13  
2014-09-12 23:34:15.380 Fix Type: 1-D  
2014-09-12 23:34:15.380 Height:  
2014-09-12 23:34:15.380 Latitude:  
2014-09-12 23:34:15.380 Longitude:  
2014-09-12 23:34:15.380 On Time: 0min  
2014-09-12 23:34:15.380 Sat. Used: 0  
2014-09-12 23:34:15.380 In View: 0  
2014-09-12 23:34:15.380 Checksum Errors: 0  
2014-09-12 23:34:15.380 Last GPS timemark: 2014-09-12 23:34:12  
2014-09-12 23:34:15.380 PLL Status  
2014-09-12 23:34:15.380 State: Lock  
2014-09-12 23:34:15.380 Initial VCO: 2201.459961  
2014-09-12 23:34:15.380 Time Error: 0.000000  
2014-09-12 23:34:15.380 RMS VCO: 0.000000  
2014-09-12 23:34:15.380 Best VCO: 2201.33  
2014-09-12 23:34:15.380 Seconds Since Track or Lock: 0.0  
2014-09-12 23:34:15.380 Vco Control: 2201  
2014-09-12 23:34:15.380 timing mode: external seascan  
2014-09-12 23:34:15.380 tempco normal  
2014-09-12 23:34:15.380 PLL update: 10s PLL lock criterion: 5us  
2014-09-12 23:34:15.380 Pfrac: 150.00  
2014-09-12 23:34:15.380 VCO slope: -0.0175000  
2014-09-12 23:34:15.380 VCO intercept: 7.1100001

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2014-09-12 23:34:15.380 Km delta: 600.000000
2014-09-12 23:34:15.380 Logical Port 4 Status
2014-09-12 23:34:15.380 Data Packets Sent: 15466715
2014-09-12 23:34:15.380 Flood Packets Sent: 0
2014-09-12 23:34:15.380 Packets Re-Sent: 24630
2014-09-12 23:34:15.380 Sequence Errors: 0
2014-09-12 23:34:15.380 Packet Buffer Used: 22017200
2014-09-12 23:34:15.380 Physical Port: Ethernet
2014-09-12 23:34:15.380 Baler Model: 14 Software Version: 2.28
2014-09-12 23:34:15.380 MAC Address: 00:04:FB:00:02:EA
2014-09-12 23:34:15.380 Disk Size: 20000669696
2014-09-12 23:34:15.380 Percent of 1177 data files in use: 30.8
2014-09-12 23:34:15.380 Channels Enabled: 1234 Preamps ON channels:
2014-09-12 23:34:15.380 Channel Sensitivities (uV per count):
2014-09-12 23:34:15.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-12 23:34:15.380 Digitizer Calibration Results:
2014-09-12 23:34:15.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-12 23:34:15.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-12 23:34:15.380 DMU1 Software Version=10
2014-09-12 23:34:15.380 Supply Voltage=12.7
2014-09-12 23:34:15.380 Supply Current=0.41
2014-09-12 23:34:15.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-12 23:34:15.380 webLink Data Maps Restored
2014-09-12 23:34:15.380 [2014-09-12 11:33:18.999998] sequence resumes: 13771708 to
13771708
2014-09-12 23:34:15.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-12 23:34:14
2014-09-12 23:39:54.650 Reducing Status Polling Interval
2014-09-12 23:39:54.650 [2014-09-12 23:39:52.999998] total packets received: 49201
2014-09-12 23:39:54.650 [2014-09-12 23:39:52.999998] command timeouts: 6
2014-09-12 23:39:54.650 [2014-09-12 23:39:52.999998] out of window: 77
2014-09-12 23:39:54.650 written: HHZ-1157 HH1-1381 HH2-1391 BDH-406 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-12 23:39:54.650 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-23 LH2-23 LDH-24
VMZ-2 VM1-2
2014-09-12 23:39:54.650 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-09-12 23:39:54.650 [2014-09-12 23:39:52.999998] Done: 4471 recs. seq end:
13815302. run: 334 s
2014-09-13 11:40:45.410
2014-09-13 11:40:45.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-13 11:40:45.410 Control Port 2491 Opened
2014-09-13 11:40:45.410 Baler ready on Ethernet
2014-09-13 11:40:45.410 Power Cycled Baler Acknowledged
2014-09-13 11:40:45.410 Commands Accepted by Q330
2014-09-13 11:40:45.410 Access timeout: 300 sec
2014-09-13 11:40:45.410 Control Port 4023 Opened
2014-09-13 11:40:45.410 Data Port 4024 Opened
2014-09-13 11:40:45.410 Registered with Q330
2014-09-13 11:40:45.410 Combination Record Received
2014-09-13 11:40:45.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-13 11:40:45.410 Link Reset, starting window sequence: 47678
2014-09-13 11:40:45.410 GPS Receiver ID Received
2014-09-13 11:40:45.410 Manufacturer's Data Received, Property Tag=2017
2014-09-13 11:40:45.410 Digitizer Gain & Offsets Received
2014-09-13 11:40:45.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4471 recs.
seq end: 13815302
2014-09-13 11:40:45.410 Baler clock set to 2014-09-13 11:40:44
2014-09-13 11:40:45.410 Starting to Read DP Tokens
2014-09-13 11:40:45.410 DP Tokens loaded, size=1474 bytes
2014-09-13 11:40:45.410 webserver advertising 192.168.200.119:5380
2014-09-13 11:40:45.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-13 11:40:45.410 filters & delay HH1:2@100,Linear all=0.320000
2014-09-13 11:40:45.410 filters & delay HH2:3@100,Linear all=0.320000

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2014-09-13 11:40:45.410 filters & delay BDH:4@20,Linear all=1.650000
2014-09-13 11:40:45.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-13 11:40:45.410 filters & delay LH1:2@1,Linear all=15.000000
2014-09-13 11:40:45.410 filters & delay LH2:3@1,Linear all=15.000000
2014-09-13 11:40:45.410 filters & delay LDH:4@1,Linear all=15.000000
2014-09-13 11:40:45.410 [2014-09-12 23:39:52.999998] continuity found: 13815302
463880393.000000 Q=100
2014-09-13 11:40:45.410 [2014-09-12 23:39:52.999998] restoring continuity
2014-09-13 11:40:45.410 Sending DT_OPEN
2014-09-13 11:40:45.410 Station: XX-2017
2014-09-13 11:40:45.410 Q330 Serial Number: 0100000DB18FC351
2014-09-13 11:40:45.410 AMB Serial Number: 0100000B6909DD82
2014-09-13 11:40:45.410 Seismo 1 Serial Number: 0000000000000000
2014-09-13 11:40:45.410 Seismo 2 Serial Number: 0000000000000000
2014-09-13 11:40:45.410 QAPCHP 1 Serial Number: 4643206
2014-09-13 11:40:45.410 QAPCHP 2 Serial Number: 3743050
2014-09-13 11:40:45.410 KMI Property Tag Number: 2017
2014-09-13 11:40:45.410 System Software Version: 1.146
2014-09-13 11:40:45.410 Slave Processor Version: 1.11
2014-09-13 11:40:45.410 Calibrator Type: QCAL330
2014-09-13 11:40:45.410 Calibrator Version: 1.8
2014-09-13 11:40:45.410 Auxiliary Board Type: None
2014-09-13 11:40:45.410 Clock Type: Motorola M12
2014-09-13 11:40:45.410 PLD Version: 7.9
2014-09-13 11:40:45.410 Total Hours: 68992.18
2014-09-13 11:40:45.410 Power On Hours: 33622.57
2014-09-13 11:40:45.410 Time of Last Boot: 2014-04-06 02:03:58
2014-09-13 11:40:45.410 Total Number of Boots: 120
2014-09-13 11:40:45.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-13 11:40:45.410 Total Number of Re-Syncs: 213
2014-09-13 11:40:45.410 Status Inputs: 00000000
2014-09-13 11:40:45.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-13 11:40:45.410 Clock Quality: 100%
2014-09-13 11:40:45.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-13 11:40:45.410 Clock Phase: 0 usec. max allowed=50000
2014-09-13 11:40:45.410 Boom positions:
2014-09-13 11:40:45.410 ch1: -2 ch2: -16 ch3: 20 ch4: 20 ch5: 20 ch6: 20
2014-09-13 11:40:45.410 Analog Status
2014-09-13 11:40:45.410 Analog Positive Supply: 5.46V
2014-09-13 11:40:45.410 Input Voltage: 13.20V
2014-09-13 11:40:45.410 System Temperature: 5C
2014-09-13 11:40:45.410 Main Current: 62ma
2014-09-13 11:40:45.410 Antenna Current: 0ma
2014-09-13 11:40:45.410 GPS Status
2014-09-13 11:40:45.410 Time: 11:40:44
2014-09-13 11:40:45.410 Date:
2014-09-13 11:40:45.410 Fix Type: 1-D
2014-09-13 11:40:45.410 Height:
2014-09-13 11:40:45.410 Latitude:
2014-09-13 11:40:45.410 Longitude:
2014-09-13 11:40:45.410 On Time: 0min
2014-09-13 11:40:45.410 Sat. Used: 0
2014-09-13 11:40:45.410 In View: 0
2014-09-13 11:40:45.410 Checksum Errors: 0
2014-09-13 11:40:45.410 Last GPS timemark: 2014-09-13 11:40:43
2014-09-13 11:40:45.410 PLL Status
2014-09-13 11:40:45.410 State: Lock
2014-09-13 11:40:45.410 Initial VCO: 2201.784180
2014-09-13 11:40:45.410 Time Error: 0.000000
2014-09-13 11:40:45.410 RMS VCO: 0.0000000
2014-09-13 11:40:45.410 Best VCO: 2201.82
2014-09-13 11:40:45.410 Seconds Since Track or Lock: 0.0
2014-09-13 11:40:45.410 vco control: 2202

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2014-09-13 11:40:45.410 timing mode: external seascan
2014-09-13 11:40:45.410 tempco normal
2014-09-13 11:40:45.410 PLL update: 10s PLL lock criterion: 5us
2014-09-13 11:40:45.410 Pfrac: 150.00
2014-09-13 11:40:45.410 VCO slope: -0.0175000
2014-09-13 11:40:45.410 VCO intercept: 7.1100001
2014-09-13 11:40:45.410 km delta: 600.0000000
2014-09-13 11:40:45.410 Logical Port 4 Status
2014-09-13 11:40:45.410 Data Packets Sent: 15515808
2014-09-13 11:40:45.410 Flood Packets Sent: 0
2014-09-13 11:40:45.410 Packets Re-Sent: 24728
2014-09-13 11:40:45.410 Sequence Errors: 0
2014-09-13 11:40:45.410 Packet Buffer Used: 20364772
2014-09-13 11:40:45.410 Physical Port: Ethernet
2014-09-13 11:40:45.410 Baler Model: 14 Software Version: 2.28
2014-09-13 11:40:45.410 MAC Address: 00:04:FB:00:02:EA
2014-09-13 11:40:45.410 Disk Size: 20000669696
2014-09-13 11:40:45.410 Percent of 1177 data files in use: 30.8
2014-09-13 11:40:45.410 Channels Enabled: 1234 Preamps ON channels:
2014-09-13 11:40:45.410 Channel Sensitivities (uV per count):
2014-09-13 11:40:45.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-13 11:40:45.410 Digitizer Calibration Results:
2014-09-13 11:40:45.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-13 11:40:45.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-13 11:40:45.410 DMU1 Software Version=10
2014-09-13 11:40:45.410 Supply Voltage=12.7
2014-09-13 11:40:45.410 Supply Current=0.40
2014-09-13 11:40:45.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-13 11:40:45.410 webLink Data Maps Restored
2014-09-13 11:40:45.410 [2014-09-12 23:39:52.999998] sequence resumes: 13815302 to
13815302
2014-09-13 11:40:45.410 [2014-09-13 00:00:00.000000] Saving Configuration to Backup
Memory
2014-09-13 11:40:45.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-13 11:40:44
2014-09-13 11:45:53.810 Reducing Status Polling Interval
2014-09-13 11:45:53.810 [2014-09-13 11:45:52.999998] total packets received: 43741
2014-09-13 11:45:53.810 [2014-09-13 11:45:52.999998] command timeouts: 6
2014-09-13 11:45:53.810 [2014-09-13 11:45:52.999998] out of window: 53
2014-09-13 11:45:53.810 written: HHZ-1053 HH1-1193 HH2-1274 BDH-412 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-13 11:45:53.810 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-09-13 11:45:53.810 written: VM2-2 LOG-2 ACE-2 OCF-2
2014-09-13 11:45:53.810 [2014-09-13 11:45:52.999998] Done: 4074 recs. seq end:
13858862. run: 305 s
2014-09-13 23:46:44.400
2014-09-13 23:46:44.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-13 23:46:44.400 Control Port 2491 Opened
2014-09-13 23:46:44.400 Baler ready on Ethernet
2014-09-13 23:46:44.400 Power Cycled Baler Acknowledged
2014-09-13 23:46:44.400 Commands Accepted by Q330
2014-09-13 23:46:44.400 Access timeout: 300 sec
2014-09-13 23:46:44.400 Control Port 4023 Opened
2014-09-13 23:46:44.400 Data Port 4024 Opened
2014-09-13 23:46:44.400 Registered with Q330
2014-09-13 23:46:44.400 Combination Record Received
2014-09-13 23:46:44.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-13 23:46:44.400 Link Reset, starting window sequence: 25796
2014-09-13 23:46:44.400 GPS Receiver ID Received
2014-09-13 23:46:44.400 Manufacturer's Data Received, Property Tag=2017
2014-09-13 23:46:44.400 Digitizer Gain & Offsets Received
2014-09-13 23:46:44.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4074 recs.

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seq end: 13858862
2014-09-13 23:46:44.400 Baler clock set to 2014-09-13 23:46:43
2014-09-13 23:46:44.400 Starting to Read DP Tokens
2014-09-13 23:46:44.400 DP Tokens loaded, size=1474 bytes
2014-09-13 23:46:44.400 webserver advertising 192.168.200.119:5380
2014-09-13 23:46:44.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-13 23:46:44.400 filters & delay HH2:3@100,Linear all=0.320000
2014-09-13 23:46:44.400 filters & delay BDH:4@20,Linear all=1.650000
2014-09-13 23:46:44.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-13 23:46:44.400 filters & delay LH1:2@1,Linear all=15.000000
2014-09-13 23:46:44.400 filters & delay LH2:3@1,Linear all=15.000000
2014-09-13 23:46:44.400 filters & delay LDH:4@1,Linear all=15.000000
2014-09-13 23:46:44.400 [2014-09-13 11:45:52.999998] continuity found: 13858862
463923953.000000 Q=100
2014-09-13 23:46:44.400 [2014-09-13 11:45:52.999998] restoring continuity
2014-09-13 23:46:44.400 Sending DT_OPEN
2014-09-13 23:46:44.400 Station: XX-2017
2014-09-13 23:46:44.400 Q330 Serial Number: 0100000DB18FC351
2014-09-13 23:46:44.400 AMB Serial Number: 0100000B6909DD82
2014-09-13 23:46:44.400 Seismo 1 Serial Number: 0000000000000000
2014-09-13 23:46:44.400 Seismo 2 Serial Number: 0000000000000000
2014-09-13 23:46:44.400 QAPCHP 1 Serial Number: 4643206
2014-09-13 23:46:44.400 QAPCHP 2 Serial Number: 3743050
2014-09-13 23:46:44.400 KMI Property Tag Number: 2017
2014-09-13 23:46:44.400 System Software Version: 1.146
2014-09-13 23:46:44.400 Slave Processor Version: 1.11
2014-09-13 23:46:44.400 Calibrator Type: QCAL330
2014-09-13 23:46:44.400 Calibrator Version: 1.8
2014-09-13 23:46:44.400 Auxiliary Board Type: None
2014-09-13 23:46:44.400 Clock Type: Motorola M12
2014-09-13 23:46:44.400 PLD Version: 7.9
2014-09-13 23:46:44.400 Total Hours: 69004.28
2014-09-13 23:46:44.400 Power On Hours: 33634.67
2014-09-13 23:46:44.400 Time of Last Boot: 2014-04-06 02:03:58
2014-09-13 23:46:44.400 Total Number of Boots: 120
2014-09-13 23:46:44.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-13 23:46:44.400 Total Number of Re-Syncs: 213
2014-09-13 23:46:44.400 Status Inputs: 00000000
2014-09-13 23:46:44.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-09-13 23:46:44.400 Clock Quality: 100%
2014-09-13 23:46:44.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-13 23:46:44.400 Clock Phase: 0 usec. max allowed=50000
2014-09-13 23:46:44.400 Boom positions:
2014-09-13 23:46:44.400 Ch1: -2 Ch2: -19 Ch3: 22 Ch4: 20 Ch5: 20 Ch6: 20
2014-09-13 23:46:44.400 Analog Status
2014-09-13 23:46:44.400 Analog Positive Supply: 5.46V
2014-09-13 23:46:44.400 Input Voltage: 13.20V
2014-09-13 23:46:44.400 System Temperature: 5C
2014-09-13 23:46:44.400 Main Current: 62ma
2014-09-13 23:46:44.400 Antenna Current: 0ma
2014-09-13 23:46:44.400 GPS Status
2014-09-13 23:46:44.400 Time: 23:46:43
2014-09-13 23:46:44.400 Date:
2014-09-13 23:46:44.400 Fix Type: 1-D
2014-09-13 23:46:44.400 Height:
2014-09-13 23:46:44.400 Latitude:
2014-09-13 23:46:44.400 Longitude:
2014-09-13 23:46:44.400 On Time: 0min
2014-09-13 23:46:44.400 Sat. Used: 0
2014-09-13 23:46:44.400 In View: 0
2014-09-13 23:46:44.400 Checksum Errors: 0
2014-09-13 23:46:44.400 Last GPS timemark: 2014-09-13 23:46:42
2014-09-13 23:46:44.400 PLL Status
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2014-09-13 23:46:44.400 State: Lock  
 2014-09-13 23:46:44.400 Initial VCO: 2201.883789  
 2014-09-13 23:46:44.400 Time Error: 0.000000  
 2014-09-13 23:46:44.400 RMS VCO: 0.0000000  
 2014-09-13 23:46:44.400 Best VCO: 2201.91  
 2014-09-13 23:46:44.400 Seconds Since Track or Lock: 0.0  
 2014-09-13 23:46:44.400 Vco Control: 2202  
 2014-09-13 23:46:44.400 timing mode: external seascan  
 2014-09-13 23:46:44.400 tempco normal  
 2014-09-13 23:46:44.400 PLL update: 10s PLL lock criterion: 5us  
 2014-09-13 23:46:44.400 Pfrac: 150.00  
 2014-09-13 23:46:44.400 VCO slope: -0.0175000  
 2014-09-13 23:46:44.400 VCO intercept: 7.1100001  
 2014-09-13 23:46:44.400 Km delta: 600.0000000  
 2014-09-13 23:46:44.400 Logical Port 4 Status  
 2014-09-13 23:46:44.400 Data Packets Sent: 15559467  
 2014-09-13 23:46:44.400 Flood Packets Sent: 0  
 2014-09-13 23:46:44.400 Packets Re-Sent: 24797  
 2014-09-13 23:46:44.400 Sequence Errors: 0  
 2014-09-13 23:46:44.400 Packet Buffer Used: 20161140  
 2014-09-13 23:46:44.400 Physical Port: Ethernet  
 2014-09-13 23:46:44.400 Baler Model: 14 Software Version: 2.28  
 2014-09-13 23:46:44.400 MAC Address: 00:04:FB:00:02:EA  
 2014-09-13 23:46:44.400 Disk Size: 20000669696  
 2014-09-13 23:46:44.400 Percent of 1177 data files in use: 30.8  
 2014-09-13 23:46:44.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-13 23:46:44.400 Channel Sensitivities (uV per count):  
 2014-09-13 23:46:44.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-13 23:46:44.400 Digitizer Calibration Results:  
 2014-09-13 23:46:44.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-13 23:46:44.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-13 23:46:44.400 DMU1 Software Version=10  
 2014-09-13 23:46:44.400 Supply Voltage=12.6  
 2014-09-13 23:46:44.400 Supply Current=0.41  
 2014-09-13 23:46:44.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-13 23:46:44.400 WebLink Data Maps Restored  
 2014-09-13 23:46:44.400 [2014-09-13 11:45:52.999998] sequence resumes: 13858862 to  
 13858862  
 2014-09-13 23:46:44.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-13 23:46:43  
 2014-09-13 23:51:48.740 Reducing Status Polling Interval  
 2014-09-13 23:51:48.740 [2014-09-13 23:51:47.999998] total packets received: 43950  
 2014-09-13 23:51:48.740 [2014-09-13 23:51:47.999998] command timeouts: 6  
 2014-09-13 23:51:48.740 [2014-09-13 23:51:47.999998] out of window: 54  
 2014-09-13 23:51:48.740 written: HHZ-1060 HH1-1203 HH2-1195 BDH-418 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-09-13 23:51:48.740 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-09-13 23:51:48.740 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-09-13 23:51:48.740 [2014-09-13 23:51:47.999998] Done: 4008 recs. seq end:  
 13902417. run: 301 s  
 2014-09-14 11:52:43.340  
 2014-09-14 11:52:43.340 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-14 11:52:43.340 Control Port 2491 Opened  
 2014-09-14 11:52:43.340 Baler ready on Ethernet  
 2014-09-14 11:52:43.340 Power Cycled Baler Acknowledged  
 2014-09-14 11:52:43.340 Commands Accepted by Q330  
 2014-09-14 11:52:43.340 Access timeout: 300 sec  
 2014-09-14 11:52:43.340 Control Port 4023 Opened  
 2014-09-14 11:52:43.340 Data Port 4024 Opened  
 2014-09-14 11:52:43.340 Registered with Q330  
 2014-09-14 11:52:43.340 Combination Record Received  
 2014-09-14 11:52:43.340 window=4 Min. Timeout=10 Max. Timeout=30

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2014-09-14 11:52:43.340 Link Reset, starting window sequence: 4122  
 2014-09-14 11:52:43.340 GPS Receiver ID Received  
 2014-09-14 11:52:43.340 Manufacturer's Data Received, Property Tag=2017  
 2014-09-14 11:52:43.340 Digitizer Gain & Offsets Received  
 2014-09-14 11:52:43.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4008 recs.  
 seq end: 13902417  
 2014-09-14 11:52:43.340 Baler clock set to 2014-09-14 11:52:42  
 2014-09-14 11:52:43.340 Starting to Read DP Tokens  
 2014-09-14 11:52:43.340 DP Tokens loaded, size=1474 bytes  
 2014-09-14 11:52:43.340 webserver advertising 192.168.200.119:5380  
 2014-09-14 11:52:43.340 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-14 11:52:43.340 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-14 11:52:43.340 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-14 11:52:43.340 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-14 11:52:43.340 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-14 11:52:43.340 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-14 11:52:43.340 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-14 11:52:43.340 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-14 11:52:43.340 [2014-09-13 23:51:47.999998] continuity found: 13902417  
 463967508.000000 Q=100  
 2014-09-14 11:52:43.340 [2014-09-13 23:51:47.999998] restoring continuity  
 2014-09-14 11:52:43.340 Sending DT\_OPEN  
 2014-09-14 11:52:43.340 Station: XX-2017  
 2014-09-14 11:52:43.340 Q330 Serial Number: 0100000DB18FC351  
 2014-09-14 11:52:43.340 AMB Serial Number: 0100000B6909DD82  
 2014-09-14 11:52:43.340 Seismo 1 Serial Number: 0000000000000000  
 2014-09-14 11:52:43.340 Seismo 2 Serial Number: 0000000000000000  
 2014-09-14 11:52:43.340 QAPCHP 1 Serial Number: 4643206  
 2014-09-14 11:52:43.340 QAPCHP 2 Serial Number: 3743050  
 2014-09-14 11:52:43.340 KMI Property Tag Number: 2017  
 2014-09-14 11:52:43.340 System Software Version: 1.146  
 2014-09-14 11:52:43.340 Slave Processor Version: 1.11  
 2014-09-14 11:52:43.340 Calibrator Type: QCAL330  
 2014-09-14 11:52:43.340 Calibrator Version: 1.8  
 2014-09-14 11:52:43.340 Auxiliary Board Type: None  
 2014-09-14 11:52:43.340 Clock Type: Motorola M12  
 2014-09-14 11:52:43.340 PLD Version: 7.9  
 2014-09-14 11:52:43.340 Total Hours: 69016.38  
 2014-09-14 11:52:43.340 Power On Hours: 33646.77  
 2014-09-14 11:52:43.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-14 11:52:43.340 Total Number of Boots: 120  
 2014-09-14 11:52:43.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-14 11:52:43.340 Total Number of Re-Syncs: 213  
 2014-09-14 11:52:43.340 Status Inputs: 00000000  
 2014-09-14 11:52:43.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-14 11:52:43.340 Clock Quality: 100%  
 2014-09-14 11:52:43.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-14 11:52:43.340 Clock Phase: 0 usec. max allowed=50000  
 2014-09-14 11:52:43.340 Boom positions:  
 2014-09-14 11:52:43.340 Ch1: -2 Ch2: -22 Ch3: 24 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-14 11:52:43.340 Analog Status  
 2014-09-14 11:52:43.340 Analog Positive Supply: 5.46V  
 2014-09-14 11:52:43.340 Input Voltage: 13.35V  
 2014-09-14 11:52:43.340 System Temperature: 5C  
 2014-09-14 11:52:43.340 Main Current: 62ma  
 2014-09-14 11:52:43.340 Antenna Current: 0ma  
 2014-09-14 11:52:43.340 GPS Status  
 2014-09-14 11:52:43.340 Time: 11:52:42  
 2014-09-14 11:52:43.340 Date:  
 2014-09-14 11:52:43.340 Fix Type: 1-D  
 2014-09-14 11:52:43.340 Height:  
 2014-09-14 11:52:43.340 Latitude:  
 2014-09-14 11:52:43.340 Longitude:

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2014-09-14 11:52:43.340 On Time: 0min
2014-09-14 11:52:43.340 Sat. Used: 0
2014-09-14 11:52:43.340 In View: 0
2014-09-14 11:52:43.340 Checksum Errors: 0
2014-09-14 11:52:43.340 Last GPS timemark: 2014-09-14 11:52:41
2014-09-14 11:52:43.340 PLL Status
2014-09-14 11:52:43.340 State: Lock
2014-09-14 11:52:43.340 Initial VCO: 2201.935303
2014-09-14 11:52:43.340 Time Error: 0.000000
2014-09-14 11:52:43.340 RMS VCO: 0.0000000
2014-09-14 11:52:43.340 Best VCO: 2201.96
2014-09-14 11:52:43.340 Seconds Since Track or Lock: 0.0
2014-09-14 11:52:43.340 Vco Control: 2202
2014-09-14 11:52:43.340 timing mode: external seascan
2014-09-14 11:52:43.340 tempco normal
2014-09-14 11:52:43.340 PLL update: 10s PLL lock criterion: 5us
2014-09-14 11:52:43.340 Pfrac: 150.00
2014-09-14 11:52:43.340 VCO slope: -0.0175000
2014-09-14 11:52:43.340 VCO intercept: 7.1100001
2014-09-14 11:52:43.340 Km delta: 600.0000000
2014-09-14 11:52:43.340 Logical Port 4 Status
2014-09-14 11:52:43.340 Data Packets Sent: 15603334
2014-09-14 11:52:43.340 Flood Packets Sent: 0
2014-09-14 11:52:43.340 Packets Re-Sent: 24866
2014-09-14 11:52:43.340 Sequence Errors: 0
2014-09-14 11:52:43.340 Packet Buffer Used: 21927384
2014-09-14 11:52:43.340 Physical Port: Ethernet
2014-09-14 11:52:43.340 Baler Model: 14 Software Version: 2.28
2014-09-14 11:52:43.340 MAC Address: 00:04:FB:00:02:EA
2014-09-14 11:52:43.340 Disk Size: 20000669696
2014-09-14 11:52:43.340 Percent of 1177 data files in use: 31.0
2014-09-14 11:52:43.340 Channels Enabled: 1234 Preamps ON channels:
2014-09-14 11:52:43.340 Channel Sensitivities (uV per count):
2014-09-14 11:52:43.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-14 11:52:43.340 Digitizer Calibration Results:
2014-09-14 11:52:43.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-14 11:52:43.340 DMU1 Software Version=10
2014-09-14 11:52:43.340 Supply Voltage=12.7
2014-09-14 11:52:43.340 Supply Current=0.41
2014-09-14 11:52:43.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-14 11:52:43.340 webLink Data Maps Restored
2014-09-14 11:52:43.340 [2014-09-13 23:51:47.999998] sequence resumes: 13902417 to
13902417
2014-09-14 11:52:43.340 [2014-09-14 00:00:00.000000] Saving Configuration to Backup
Memory
2014-09-14 11:52:43.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-14 11:52:42
2014-09-14 11:58:23.490 Reducing Status Polling Interval
2014-09-14 11:58:23.490 [2014-09-14 11:58:22.999998] total packets received: 56178
2014-09-14 11:58:23.490 [2014-09-14 11:58:22.999998] command timeouts: 6
2014-09-14 11:58:23.490 [2014-09-14 11:58:22.999998] out of window: 72
2014-09-14 11:58:23.490 written: HHZ-1195 HH1-1340 HH2-1345 BDH-424 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-09-14 11:58:23.490 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-09-14 11:58:23.490 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-09-14 11:58:23.490 [2014-09-14 11:58:22.999998] Done: 4446 recs. seq end:
13946012. run: 336 s
2014-09-14 23:59:16.380
2014-09-14 23:59:16.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-14 23:59:16.380 Control Port 2491 Opened
2014-09-14 23:59:16.380 Baler ready on Ethernet
2014-09-14 23:59:16.380 Power Cycled Baler Acknowledged

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2014-09-14 23:59:16.380 Commands Accepted by Q330
2014-09-14 23:59:16.380 Access timeout: 300 sec
2014-09-14 23:59:16.380 Control Port 4023 Opened
2014-09-14 23:59:16.380 Data Port 4024 Opened
2014-09-14 23:59:16.380 Registered with Q330
2014-09-14 23:59:16.380 Combination Record Received
2014-09-14 23:59:16.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-14 23:59:16.380 Link Reset, starting window sequence: 60191
2014-09-14 23:59:16.380 GPS Receiver ID Received
2014-09-14 23:59:16.380 Manufacturer's Data Received, Property Tag=2017
2014-09-14 23:59:16.380 Digitizer Gain & Offsets Received
2014-09-14 23:59:16.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4446 recs.
seq end: 13946012
2014-09-14 23:59:16.380 Baler clock set to 2014-09-14 23:59:15
2014-09-14 23:59:16.380 Starting to Read DP Tokens
2014-09-14 23:59:16.380 DP Tokens loaded, size=1474 bytes
2014-09-14 23:59:16.380 webserver advertising 192.168.200.119:5380
2014-09-14 23:59:16.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-14 23:59:16.380 filters & delay HH1:2@100,Linear all=0.320000
2014-09-14 23:59:16.380 filters & delay HH2:3@100,Linear all=0.320000
2014-09-14 23:59:16.380 filters & delay BDH:4@20,Linear all=1.650000
2014-09-14 23:59:16.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-14 23:59:16.380 filters & delay LH1:2@1,Linear all=15.000000
2014-09-14 23:59:16.380 filters & delay LH2:3@1,Linear all=15.000000
2014-09-14 23:59:16.380 filters & delay LDH:4@1,Linear all=15.000000
2014-09-14 23:59:16.380 [2014-09-14 11:58:22.999998] continuity found: 13946012
464011103.000000 Q=100
2014-09-14 23:59:16.380 [2014-09-14 11:58:22.999998] restoring continuity
2014-09-14 23:59:16.380 Sending DT_OPEN
2014-09-14 23:59:16.380 Station: XX-2017
2014-09-14 23:59:16.380 Q330 Serial Number: 0100000DB18FC351
2014-09-14 23:59:16.380 AMB Serial Number: 0100000B6909DD82
2014-09-14 23:59:16.380 Seismo 1 Serial Number: 0000000000000000
2014-09-14 23:59:16.380 Seismo 2 Serial Number: 0000000000000000
2014-09-14 23:59:16.380 QAPCHP 1 Serial Number: 4643206
2014-09-14 23:59:16.380 QAPCHP 2 Serial Number: 3743050
2014-09-14 23:59:16.380 KMI Property Tag Number: 2017
2014-09-14 23:59:16.380 System Software Version: 1.146
2014-09-14 23:59:16.380 Slave Processor Version: 1.11
2014-09-14 23:59:16.380 Calibrator Type: QCAL330
2014-09-14 23:59:16.380 Calibrator Version: 1.8
2014-09-14 23:59:16.380 Auxiliary Board Type: None
2014-09-14 23:59:16.380 Clock Type: Motorola M12
2014-09-14 23:59:16.380 PLD Version: 7.9
2014-09-14 23:59:16.380 Total Hours: 69028.49
2014-09-14 23:59:16.380 Power On Hours: 33658.88
2014-09-14 23:59:16.380 Time of Last Boot: 2014-04-06 02:03:58
2014-09-14 23:59:16.380 Total Number of Boots: 120
2014-09-14 23:59:16.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-14 23:59:16.380 Total Number of Re-Syncs: 213
2014-09-14 23:59:16.380 Status Inputs: 00000000
2014-09-14 23:59:16.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-14 23:59:16.380 Clock Quality: 100%
2014-09-14 23:59:16.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-14 23:59:16.380 Clock Phase: 0 usec. max allowed=50000
2014-09-14 23:59:16.380 Boom positions:
2014-09-14 23:59:16.380 ch1: -2 ch2: 5 ch3: 0 ch4: 20 ch5: 20 ch6: 20
2014-09-14 23:59:16.380 Analog Status
2014-09-14 23:59:16.380 Analog Positive Supply: 5.46V
2014-09-14 23:59:16.380 Input Voltage: 13.20V
2014-09-14 23:59:16.380 System Temperature: 5C
2014-09-14 23:59:16.380 Main Current: 62ma
2014-09-14 23:59:16.380 Antenna Current: 0ma

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2014-09-14 23:59:16.380 GPS Status
2014-09-14 23:59:16.380 Time: 23:59:14
2014-09-14 23:59:16.380 Date:
2014-09-14 23:59:16.380 Fix Type: 1-D
2014-09-14 23:59:16.380 Height:
2014-09-14 23:59:16.380 Latitude:
2014-09-14 23:59:16.380 Longitude:
2014-09-14 23:59:16.380 On Time: 0min
2014-09-14 23:59:16.380 Sat. Used: 0
2014-09-14 23:59:16.380 In View: 0
2014-09-14 23:59:16.380 Checksum Errors: 0
2014-09-14 23:59:16.380 Last GPS timemark: 2014-09-14 23:59:13
2014-09-14 23:59:16.380 PLL Status
2014-09-14 23:59:16.380 State: Lock
2014-09-14 23:59:16.380 Initial VCO: 2202.002197
2014-09-14 23:59:16.380 Time Error: 0.000000
2014-09-14 23:59:16.380 RMS VCO: 0.0000000
2014-09-14 23:59:16.380 Best VCO: 2202.00
2014-09-14 23:59:16.380 Seconds Since Track or Lock: 0.0
2014-09-14 23:59:16.380 Vco Control: 2202
2014-09-14 23:59:16.380 timing mode: external seascan
2014-09-14 23:59:16.380 tempco normal
2014-09-14 23:59:16.380 PLL update: 10s PLL lock criterion: 5us
2014-09-14 23:59:16.380 Pfrac: 150.00
2014-09-14 23:59:16.380 VCO slope: -0.0175000
2014-09-14 23:59:16.380 VCO intercept: 7.1100001
2014-09-14 23:59:16.380 km delta: 600.0000000
2014-09-14 23:59:16.380 Logical Port 4 Status
2014-09-14 23:59:16.380 Data Packets Sent: 15659409
2014-09-14 23:59:16.380 Flood Packets Sent: 0
2014-09-14 23:59:16.380 Packets Re-Sent: 24952
2014-09-14 23:59:16.380 Sequence Errors: 0
2014-09-14 23:59:16.380 Packet Buffer Used: 21174676
2014-09-14 23:59:16.380 Physical Port: Ethernet
2014-09-14 23:59:16.380 Baler Model: 14 Software Version: 2.28
2014-09-14 23:59:16.380 MAC Address: 00:04:FB:00:02:EA
2014-09-14 23:59:16.380 Disk Size: 20000669696
2014-09-14 23:59:16.380 Percent of 1177 data files in use: 31.1
2014-09-14 23:59:16.380 Channels Enabled: 1234 Preamps ON channels:
2014-09-14 23:59:16.380 Channel Sensitivities (uV per count):
2014-09-14 23:59:16.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-14 23:59:16.380 Digitizer Calibration Results:
2014-09-14 23:59:16.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-14 23:59:16.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-14 23:59:16.380 DMU1 Software Version=10
2014-09-14 23:59:16.380 Supply Voltage=12.7
2014-09-14 23:59:16.380 Supply Current=0.40
2014-09-14 23:59:16.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-14 23:59:16.380 webLink Data Maps Restored
2014-09-14 23:59:16.380 [2014-09-14 11:58:22.999998] sequence resumes: 13946012 to
13946012
2014-09-14 23:59:16.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-14 23:59:15
2014-09-15 00:04:31.110 [2014-09-15 00:00:00.000000] saving Configuration to Backup
Memory
2014-09-15 00:04:31.110 Reducing Status Polling Interval
2014-09-15 00:04:31.110 [2014-09-15 00:04:32.999998] total packets received: 44197
2014-09-15 00:04:31.110 [2014-09-15 00:04:32.999998] command timeouts: 6
2014-09-15 00:04:31.110 [2014-09-15 00:04:32.999998] out of window: 66
2014-09-15 00:04:31.110 written: HHZ-1112 HH1-1266 HH2-1310 BDH-437 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-15 00:04:31.110 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2

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2014-09-15 00:04:31.110 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-09-15 00:04:31.110 [2014-09-15 00:04:32.999998] Done: 4269 recs. seq end:
13989582. run: 313 s
2014-09-15 12:05:24.330
2014-09-15 12:05:24.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-15 12:05:24.330 Control Port 2491 Opened
2014-09-15 12:05:24.330 Baler ready on Ethernet
2014-09-15 12:05:24.330 Power Cycled Baler Acknowledged
2014-09-15 12:05:24.330 Commands Accepted by Q330
2014-09-15 12:05:24.330 Access timeout: 300 sec
2014-09-15 12:05:24.330 Control Port 4023 Opened
2014-09-15 12:05:24.330 Data Port 4024 Opened
2014-09-15 12:05:24.330 Registered with Q330
2014-09-15 12:05:24.330 Combination Record Received
2014-09-15 12:05:24.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-15 12:05:24.330 Link Reset, starting window sequence: 38751
2014-09-15 12:05:24.330 GPS Receiver ID Received
2014-09-15 12:05:24.330 Manufacturer's Data Received, Property Tag=2017
2014-09-15 12:05:24.330 Digitizer Gain & Offsets Received
2014-09-15 12:05:24.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4269 recs.
seq end: 13989582
2014-09-15 12:05:24.330 Baler clock set to 2014-09-15 12:05:23
2014-09-15 12:05:24.330 Starting to Read DP Tokens
2014-09-15 12:05:24.330 DP Tokens loaded, size=1474 bytes
2014-09-15 12:05:24.330 webserver advertising 192.168.200.119:5380
2014-09-15 12:05:24.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-15 12:05:24.330 filters & delay HH1:2@100,Linear all=0.320000
2014-09-15 12:05:24.330 filters & delay HH2:3@100,Linear all=0.320000
2014-09-15 12:05:24.330 filters & delay BDH:4@20,Linear all=1.650000
2014-09-15 12:05:24.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-15 12:05:24.330 filters & delay LH1:2@1,Linear all=15.000000
2014-09-15 12:05:24.330 filters & delay LH2:3@1,Linear all=15.000000
2014-09-15 12:05:24.330 filters & delay LDH:4@1,Linear all=15.000000
2014-09-15 12:05:24.330 [2014-09-15 00:04:32.999998] continuity found: 13989582
464054673.000000 Q=100
2014-09-15 12:05:24.330 [2014-09-15 00:04:32.999998] restoring continuity
2014-09-15 12:05:24.330 Sending DT_OPEN
2014-09-15 12:05:24.330 Station: XX-2017
2014-09-15 12:05:24.330 Q330 Serial Number: 0100000DB18FC351
2014-09-15 12:05:24.330 AMB Serial Number: 0100000B6909DD82
2014-09-15 12:05:24.330 Seismo 1 Serial Number: 0000000000000000
2014-09-15 12:05:24.330 Seismo 2 Serial Number: 0000000000000000
2014-09-15 12:05:24.330 QAPCHP 1 Serial Number: 4643206
2014-09-15 12:05:24.330 QAPCHP 2 Serial Number: 3743050
2014-09-15 12:05:24.330 KMI Property Tag Number: 2017
2014-09-15 12:05:24.330 System Software Version: 1.146
2014-09-15 12:05:24.330 Slave Processor Version: 1.11
2014-09-15 12:05:24.330 Calibrator Type: QCAL330
2014-09-15 12:05:24.330 Calibrator Version: 1.8
2014-09-15 12:05:24.330 Auxiliary Board Type: None
2014-09-15 12:05:24.330 Clock Type: Motorola M12
2014-09-15 12:05:24.330 PLD Version: 7.9
2014-09-15 12:05:24.330 Total Hours: 69040.59
2014-09-15 12:05:24.330 Power On Hours: 33670.98
2014-09-15 12:05:24.330 Time of Last Boot: 2014-04-06 02:03:58
2014-09-15 12:05:24.330 Total Number of Boots: 120
2014-09-15 12:05:24.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-15 12:05:24.330 Total Number of Re-Syncs: 213
2014-09-15 12:05:24.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-15 12:05:24.330 Clock Quality: 100%
2014-09-15 12:05:24.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-15 12:05:24.330 Clock Phase: 0 usec. max allowed=50000
2014-09-15 12:05:24.330 Boom positions:

```

S01\_messages.txt

```

2014-09-15 12:05:24.330 ch1: -2 ch2: 5 ch3: 1 ch4: 20 ch5: 20 ch6: 20
2014-09-15 12:05:24.330 Analog Status
2014-09-15 12:05:24.330 Analog Positive Supply: 5.46V
2014-09-15 12:05:24.330 Input Voltage: 13.20V
2014-09-15 12:05:24.330 System Temperature: 5C
2014-09-15 12:05:24.330 Main Current: 61ma
2014-09-15 12:05:24.330 Antenna Current: 0ma
2014-09-15 12:05:24.330 GPS Status
2014-09-15 12:05:24.330 Time: 12:05:23
2014-09-15 12:05:24.330 Date:
2014-09-15 12:05:24.330 Fix Type: 1-D
2014-09-15 12:05:24.330 Height:
2014-09-15 12:05:24.330 Latitude:
2014-09-15 12:05:24.330 Longitude:
2014-09-15 12:05:24.330 On Time: 0min
2014-09-15 12:05:24.330 Sat. Used: 0
2014-09-15 12:05:24.330 In View: 0
2014-09-15 12:05:24.330 Checksum Errors: 0
2014-09-15 12:05:24.330 Last GPS timemark: 2014-09-15 12:05:22
2014-09-15 12:05:24.330 PLL Status
2014-09-15 12:05:24.330 State: Lock
2014-09-15 12:05:24.330 Initial VCO: 2202.252930
2014-09-15 12:05:24.330 Time Error: 0.000000
2014-09-15 12:05:24.330 RMS VCO: 0.0000000
2014-09-15 12:05:24.330 Best VCO: 2202.22
2014-09-15 12:05:24.330 Seconds Since Track or Lock: 0.0
2014-09-15 12:05:24.330 Vco Control: 2202
2014-09-15 12:05:24.330 timing mode: external seascan
2014-09-15 12:05:24.330 tempco normal
2014-09-15 12:05:24.330 PLL update: 10s PLL lock criterion: 5us
2014-09-15 12:05:24.330 Pfrac: 150.00
2014-09-15 12:05:24.330 VCO slope: -0.0175000
2014-09-15 12:05:24.330 VCO intercept: 7.1100001
2014-09-15 12:05:24.330 Km delta: 600.0000000
2014-09-15 12:05:24.330 Logical Port 4 Status
2014-09-15 12:05:24.330 Data Packets Sent: 15703510
2014-09-15 12:05:24.330 Flood Packets Sent: 0
2014-09-15 12:05:24.330 Packets Re-Sent: 25030
2014-09-15 12:05:24.330 Sequence Errors: 0
2014-09-15 12:05:24.330 Packet Buffer Used: 21313264
2014-09-15 12:05:24.330 Physical Port: Ethernet
2014-09-15 12:05:24.330 Baler Model: 14 Software Version: 2.28
2014-09-15 12:05:24.330 MAC Address: 00:04:FB:00:02:EA
2014-09-15 12:05:24.330 Disk Size: 20000669696
2014-09-15 12:05:24.330 Percent of 1177 data files in use: 31.2
2014-09-15 12:05:24.330 Channels Enabled: 1234 Preamps ON channels:
2014-09-15 12:05:24.330 Channel Sensitivities (uV per count):
2014-09-15 12:05:24.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-15 12:05:24.330 Digitizer Calibration Results:
2014-09-15 12:05:24.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-15 12:05:24.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-15 12:05:24.330 DMU1 Software Version=10
2014-09-15 12:05:24.330 Supply Voltage=12.7
2014-09-15 12:05:24.330 Supply Current=0.41
2014-09-15 12:05:24.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-15 12:05:24.330 WebLink Data Maps Restored
2014-09-15 12:05:24.330 [2014-09-15 00:04:32.999998] sequence resumes: 13989582 to
13989582
2014-09-15 12:05:24.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-09-15 12:05:23
2014-09-15 12:10:50.310 Reducing Status Polling Interval
2014-09-15 12:10:50.310 [2014-09-15 12:10:49.999998] total packets received: 45930
2014-09-15 12:10:50.310 [2014-09-15 12:10:49.999998] command timeouts: 6

```

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```

2014-09-15 12:10:50.310 [2014-09-15 12:10:49.999998] out of window: 71
2014-09-15 12:10:50.310 written: HHZ-1144 HH1-1310 HH2-1274 BDH-436 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-09-15 12:10:50.310 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2014-09-15 12:10:50.310 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-1
2014-09-15 12:10:50.310 [2014-09-15 12:10:49.999998] Done: 4298 recs. seq end:
14033159. run: 321 s
2014-09-16 00:11:44.410
2014-09-16 00:11:44.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-16 00:11:44.410 Control Port 2491 Opened
2014-09-16 00:11:44.410 Baler ready on Ethernet
2014-09-16 00:11:44.410 Power Cycled Baler Acknowledged
2014-09-16 00:11:44.410 Commands Accepted by Q330
2014-09-16 00:11:44.410 Access timeout: 300 sec
2014-09-16 00:11:44.410 Control Port 4023 Opened
2014-09-16 00:11:44.410 Data Port 4024 Opened
2014-09-16 00:11:44.410 Registered with Q330
2014-09-16 00:11:44.410 Combination Record Received
2014-09-16 00:11:44.410 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-16 00:11:44.410 Link Reset, starting window sequence: 19038
2014-09-16 00:11:44.410 GPS Receiver ID Received
2014-09-16 00:11:44.410 Manufacturer's Data Received, Property Tag=2017
2014-09-16 00:11:44.410 Digitizer Gain & Offsets Received
2014-09-16 00:11:44.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4298 recs.
seq end: 14033159
2014-09-16 00:11:44.410 Baler clock set to 2014-09-16 00:11:43
2014-09-16 00:11:44.410 Starting to Read DP Tokens
2014-09-16 00:11:44.410 DP Tokens loaded, size=1474 bytes
2014-09-16 00:11:44.410 Webserver advertising 192.168.200.119:5380
2014-09-16 00:11:44.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-16 00:11:44.410 filters & delay HH1:2@100,Linear all=0.320000
2014-09-16 00:11:44.410 filters & delay HH2:3@100,Linear all=0.320000
2014-09-16 00:11:44.410 filters & delay BDH:4@20,Linear all=1.650000
2014-09-16 00:11:44.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-16 00:11:44.410 filters & delay LH1:2@1,Linear all=15.000000
2014-09-16 00:11:44.410 filters & delay LH2:3@1,Linear all=15.000000
2014-09-16 00:11:44.410 filters & delay LDH:4@1,Linear all=15.000000
2014-09-16 00:11:44.410 [2014-09-15 12:10:49.999998] continuity found: 14033159
464098250.000000 Q=100
2014-09-16 00:11:44.410 [2014-09-15 12:10:49.999998] restoring continuity
2014-09-16 00:11:44.410 Sending DT_OPEN
2014-09-16 00:11:44.410 Station: XX-2017
2014-09-16 00:11:44.410 Q330 Serial Number: 0100000DB18FC351
2014-09-16 00:11:44.410 AMB Serial Number: 0100000B6909DD82
2014-09-16 00:11:44.410 Seismo 1 Serial Number: 0000000000000000
2014-09-16 00:11:44.410 Seismo 2 Serial Number: 0000000000000000
2014-09-16 00:11:44.410 QAPCHP 1 Serial Number: 4643206
2014-09-16 00:11:44.410 QAPCHP 2 Serial Number: 3743050
2014-09-16 00:11:44.410 KMI Property Tag Number: 2017
2014-09-16 00:11:44.410 System Software Version: 1.146
2014-09-16 00:11:44.410 Slave Processor Version: 1.11
2014-09-16 00:11:44.410 Calibrator Type: QCAL330
2014-09-16 00:11:44.410 Calibrator Version: 1.8
2014-09-16 00:11:44.410 Auxiliary Board Type: None
2014-09-16 00:11:44.410 Clock Type: Motorola M12
2014-09-16 00:11:44.410 PLD Version: 7.9
2014-09-16 00:11:44.410 Total Hours: 69052.70
2014-09-16 00:11:44.410 Power On Hours: 33683.09
2014-09-16 00:11:44.410 Time of Last Boot: 2014-04-06 02:03:58
2014-09-16 00:11:44.410 Total Number of Boots: 120
2014-09-16 00:11:44.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-16 00:11:44.410 Total Number of Re-Syncs: 213

```

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2014-09-16 00:11:44.410 Status Inputs: 00000000  
 2014-09-16 00:11:44.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-16 00:11:44.410 Clock Quality: 100%  
 2014-09-16 00:11:44.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-16 00:11:44.410 Clock Phase: 0 usec. max allowed=50000  
 2014-09-16 00:11:44.410 Boom positions:  
 2014-09-16 00:11:44.410 Ch1: -2 Ch2: 3 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-16 00:11:44.410 Analog Status  
 2014-09-16 00:11:44.410 Analog Positive Supply: 5.46V  
 2014-09-16 00:11:44.410 Input Voltage: 13.35V  
 2014-09-16 00:11:44.410 System Temperature: 5C  
 2014-09-16 00:11:44.410 Main Current: 61ma  
 2014-09-16 00:11:44.410 Antenna Current: 0ma  
 2014-09-16 00:11:44.410 GPS Status  
 2014-09-16 00:11:44.410 Time: 00:11:43  
 2014-09-16 00:11:44.410 Date:  
 2014-09-16 00:11:44.410 Fix Type: 1-D  
 2014-09-16 00:11:44.410 Height:  
 2014-09-16 00:11:44.410 Latitude:  
 2014-09-16 00:11:44.410 Longitude:  
 2014-09-16 00:11:44.410 On Time: 0min  
 2014-09-16 00:11:44.410 Sat. Used: 0  
 2014-09-16 00:11:44.410 In View: 0  
 2014-09-16 00:11:44.410 Checksum Errors: 0  
 2014-09-16 00:11:44.410 Last GPS timemark: 2014-09-16 00:11:42  
 2014-09-16 00:11:44.410 PLL Status  
 2014-09-16 00:11:44.410 State: Lock  
 2014-09-16 00:11:44.410 Initial VCO: 2201.966797  
 2014-09-16 00:11:44.410 Time Error: 0.000000  
 2014-09-16 00:11:44.410 RMS VCO: 0.0000000  
 2014-09-16 00:11:44.410 Best VCO: 2202.06  
 2014-09-16 00:11:44.410 Seconds Since Track or Lock: 0.0  
 2014-09-16 00:11:44.410 Vco Control: 2202  
 2014-09-16 00:11:44.410 timing mode: external seascan  
 2014-09-16 00:11:44.410 tempco normal  
 2014-09-16 00:11:44.410 PLL update: 10s PLL lock criterion: 5us  
 2014-09-16 00:11:44.410 Pfrac: 150.00  
 2014-09-16 00:11:44.410 VCO slope: -0.0175000  
 2014-09-16 00:11:44.410 VCO intercept: 7.1100001  
 2014-09-16 00:11:44.410 km delta: 600.0000000  
 2014-09-16 00:11:44.410 Logical Port 4 Status  
 2014-09-16 00:11:44.410 Data Packets Sent: 15749339  
 2014-09-16 00:11:44.410 Flood Packets Sent: 0  
 2014-09-16 00:11:44.410 Packets Re-Sent: 25120  
 2014-09-16 00:11:44.410 Sequence Errors: 0  
 2014-09-16 00:11:44.410 Packet Buffer Used: 21819592  
 2014-09-16 00:11:44.410 Physical Port: Ethernet  
 2014-09-16 00:11:44.410 Baler Model: 14 Software Version: 2.28  
 2014-09-16 00:11:44.410 MAC Address: 00:04:FB:00:02:EA  
 2014-09-16 00:11:44.410 Disk Size: 20000669696  
 2014-09-16 00:11:44.410 Percent of 1177 data files in use: 31.4  
 2014-09-16 00:11:44.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-16 00:11:44.410 Channel Sensitivities (uV per count):  
 2014-09-16 00:11:44.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-16 00:11:44.410 Digitizer Calibration Results:  
 2014-09-16 00:11:44.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-16 00:11:44.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-16 00:11:44.410 DMU1 Software Version=10  
 2014-09-16 00:11:44.410 Supply Voltage=12.7  
 2014-09-16 00:11:44.410 Supply Current=0.40  
 2014-09-16 00:11:44.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-16 00:11:44.410 WebLink Data Maps Restored  
 2014-09-16 00:11:44.410 [2014-09-15 12:10:49.999998] sequence resumes: 14033159 to

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```

14033159
2014-09-16 00:11:44.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-16 00:11:43
2014-09-16 00:17:06.220 [2014-09-16 00:00:00.000000] saving Configuration to Backup
Memory
2014-09-16 00:17:06.220 [2014-09-16 00:17:11.999998] total packets received: 51171
2014-09-16 00:17:06.220 [2014-09-16 00:17:11.999998] command timeouts: 6
2014-09-16 00:17:06.220 [2014-09-16 00:17:11.999998] out of window: 59
2014-09-16 00:17:06.220 written: HHZ-1164 HH1-1315 HH2-1367 BDH-429 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-16 00:17:06.220 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-09-16 00:17:06.220 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-09-16 00:17:06.220 [2014-09-16 00:17:11.999998] Done: 4419 recs. seq end:
14076741. run: 325 s
2014-09-16 12:18:06.370
2014-09-16 12:18:06.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-16 12:18:06.370 Control Port 2491 Opened
2014-09-16 12:18:06.370 Baler ready on Ethernet
2014-09-16 12:18:06.370 Power Cycled Baler Acknowledged
2014-09-16 12:18:06.370 Commands Accepted by Q330
2014-09-16 12:18:06.370 Access timeout: 300 sec
2014-09-16 12:18:06.370 Control Port 4023 Opened
2014-09-16 12:18:06.370 Data Port 4024 Opened
2014-09-16 12:18:06.370 Registered with Q330
2014-09-16 12:18:06.370 Combination Record Received
2014-09-16 12:18:06.370 Link Reset, starting window sequence: 4579
2014-09-16 12:18:06.370 GPS Receiver ID Received
2014-09-16 12:18:06.370 Manufacturer's Data Received, Property Tag=2017
2014-09-16 12:18:06.370 Digitizer Gain & Offsets Received
2014-09-16 12:18:06.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4419 recs.
seq end: 14076741
2014-09-16 12:18:06.370 Baler clock set to 2014-09-16 12:18:05
2014-09-16 12:18:06.370 Starting to Read DP Tokens
2014-09-16 12:18:06.370 DP Tokens loaded, size=1474 bytes
2014-09-16 12:18:06.370 Webserver advertising 192.168.200.119:5380
2014-09-16 12:18:06.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-16 12:18:06.370 filters & delay HH1:2@100,Linear all=0.320000
2014-09-16 12:18:06.370 filters & delay HH2:3@100,Linear all=0.320000
2014-09-16 12:18:06.370 filters & delay BDH:4@20,Linear all=1.650000
2014-09-16 12:18:06.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-16 12:18:06.370 filters & delay LH1:2@1,Linear all=15.000000
2014-09-16 12:18:06.370 filters & delay LH2:3@1,Linear all=15.000000
2014-09-16 12:18:06.370 filters & delay LDH:4@1,Linear all=15.000000
2014-09-16 12:18:06.370 [2014-09-16 00:17:11.999998] continuity found: 14076741
464141832.000000 Q=100
2014-09-16 12:18:06.370 [2014-09-16 00:17:11.999998] restoring continuity
2014-09-16 12:18:06.370 Sending DT_OPEN
2014-09-16 12:18:06.370 Station: XX-2017
2014-09-16 12:18:06.370 Q330 Serial Number: 0100000DB18FC351
2014-09-16 12:18:06.370 AMB Serial Number: 0100000B6909DD82
2014-09-16 12:18:06.370 Seismo 1 Serial Number: 0000000000000000
2014-09-16 12:18:06.370 Seismo 2 Serial Number: 0000000000000000
2014-09-16 12:18:06.370 QAPCHP 1 Serial Number: 4643206
2014-09-16 12:18:06.370 QAPCHP 2 Serial Number: 3743050
2014-09-16 12:18:06.370 KMI Property Tag Number: 2017
2014-09-16 12:18:06.370 System Software Version: 1.146
2014-09-16 12:18:06.370 Slave Processor Version: 1.11
2014-09-16 12:18:06.370 Calibrator Type: QCAL330
2014-09-16 12:18:06.370 Calibrator Version: 1.8
2014-09-16 12:18:06.370 Auxiliary Board Type: None
2014-09-16 12:18:06.370 Clock Type: Motorola M12
2014-09-16 12:18:06.370 PLD Version: 7.9

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2014-09-16 12:18:06.370 Total Hours: 69064.81  
 2014-09-16 12:18:06.370 Power On Hours: 33695.19  
 2014-09-16 12:18:06.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-16 12:18:06.370 Total Number of Boots: 120  
 2014-09-16 12:18:06.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-16 12:18:06.370 Total Number of Re-Syncs: 213  
 2014-09-16 12:18:06.370 Status Inputs: 00000000  
 2014-09-16 12:18:06.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-16 12:18:06.370 Clock Quality: 100%  
 2014-09-16 12:18:06.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-16 12:18:06.370 Clock Phase: 0 usec. max allowed=50000  
 2014-09-16 12:18:06.370 Boom positions:  
 2014-09-16 12:18:06.370 ch1: -2 ch2: 0 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-09-16 12:18:06.370 Analog Status  
 2014-09-16 12:18:06.370 Analog Positive Supply: 5.46V  
 2014-09-16 12:18:06.370 Input Voltage: 13.20V  
 2014-09-16 12:18:06.370 System Temperature: 5C  
 2014-09-16 12:18:06.370 Main Current: 61ma  
 2014-09-16 12:18:06.370 Antenna Current: 0ma  
 2014-09-16 12:18:06.370 GPS Status  
 2014-09-16 12:18:06.370 Time: 12:18:05  
 2014-09-16 12:18:06.370 Date:  
 2014-09-16 12:18:06.370 Fix Type: 1-D  
 2014-09-16 12:18:06.370 Height:  
 2014-09-16 12:18:06.370 Latitude:  
 2014-09-16 12:18:06.370 Longitude:  
 2014-09-16 12:18:06.370 On Time: 0min  
 2014-09-16 12:18:06.370 Sat. Used: 0  
 2014-09-16 12:18:06.370 In View: 0  
 2014-09-16 12:18:06.370 Checksum Errors: 0  
 2014-09-16 12:18:06.370 Last GPS timemark: 2014-09-16 12:18:04  
 2014-09-16 12:18:06.370 PLL Status  
 2014-09-16 12:18:06.370 State: Lock  
 2014-09-16 12:18:06.370 Initial VCO: 2202.044922  
 2014-09-16 12:18:06.370 Time Error: 0.000000  
 2014-09-16 12:18:06.370 RMS VCO: 0.0000000  
 2014-09-16 12:18:06.370 Best VCO: 2202.06  
 2014-09-16 12:18:06.370 Seconds Since Track or Lock: 0.0  
 2014-09-16 12:18:06.370 Vco Control: 2202  
 2014-09-16 12:18:06.370 timing mode: external seascan  
 2014-09-16 12:18:06.370 tempco normal  
 2014-09-16 12:18:06.370 PLL update: 10s PLL lock criterion: 5us  
 2014-09-16 12:18:06.370 Pfrac: 150.00  
 2014-09-16 12:18:06.370 VCO slope: -0.0175000  
 2014-09-16 12:18:06.370 VCO intercept: 7.1100001  
 2014-09-16 12:18:06.370 km delta: 600.0000000  
 2014-09-16 12:18:06.370 Logical Port 4 Status  
 2014-09-16 12:18:06.370 Data Packets Sent: 15800421  
 2014-09-16 12:18:06.370 Flood Packets Sent: 0  
 2014-09-16 12:18:06.370 Packets Re-Sent: 25197  
 2014-09-16 12:18:06.370 Sequence Errors: 0  
 2014-09-16 12:18:06.370 Packet Buffer Used: 21179624  
 2014-09-16 12:18:06.370 Physical Port: Ethernet  
 2014-09-16 12:18:06.370 Baler Model: 14 Software Version: 2.28  
 2014-09-16 12:18:06.370 MAC Address: 00:04:FB:00:02:EA  
 2014-09-16 12:18:06.370 Disk Size: 20000669696  
 2014-09-16 12:18:06.370 Percent of 1177 data files in use: 31.4  
 2014-09-16 12:18:06.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-16 12:18:06.370 Channel sensitivities (uV per count):  
 2014-09-16 12:18:06.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-16 12:18:06.370 Digitizer Calibration Results:  
 2014-09-16 12:18:06.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-16 12:18:06.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%



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2014-09-16 12:18:06.370 DMU1 Software Version=10  
 2014-09-16 12:18:06.370 Supply Voltage=12.7  
 2014-09-16 12:18:06.370 Supply Current=0.40  
 2014-09-16 12:18:06.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-16 12:18:06.370 WebLink Data Maps Restored  
 2014-09-16 12:18:06.370 [2014-09-16 00:17:11.999998] sequence resumes: 14076741 to 14076741  
 2014-09-16 12:18:06.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-16 12:18:05  
 2014-09-16 12:23:23.400 Reducing Status Polling Interval  
 2014-09-16 12:23:23.400 [2014-09-16 12:23:22.999998] total packets received: 46390  
 2014-09-16 12:23:23.400 [2014-09-16 12:23:22.999998] command timeouts: 6  
 2014-09-16 12:23:23.400 [2014-09-16 12:23:22.999998] out of window: 58  
 2014-09-16 12:23:23.400 written: HHZ-1129 HH1-1261 HH2-1319 BDH-419 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-09-16 12:23:23.400 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-09-16 12:23:23.400 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2014-09-16 12:23:23.400 [2014-09-16 12:23:22.999998] Done: 4267 recs. seq end: 14120312. run: 314 s  
 2014-09-17 00:24:18.380  
 2014-09-17 00:24:18.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-17 00:24:18.380 Control Port 2491 Opened  
 2014-09-17 00:24:18.380 Baler ready on Ethernet  
 2014-09-17 00:24:18.380 Power Cycled Baler Acknowledged  
 2014-09-17 00:24:18.380 Commands Accepted by Q330  
 2014-09-17 00:24:18.380 Access timeout: 300 sec  
 2014-09-17 00:24:18.380 Control Port 4023 Opened  
 2014-09-17 00:24:18.380 Data Port 4024 Opened  
 2014-09-17 00:24:18.380 Registered with Q330  
 2014-09-17 00:24:18.380 Combination Record Received  
 2014-09-17 00:24:18.380 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-17 00:24:18.380 Link Reset, starting window sequence: 50876  
 2014-09-17 00:24:18.380 GPS Receiver ID Received  
 2014-09-17 00:24:18.380 Manufacturer's Data Received, Property Tag=2017  
 2014-09-17 00:24:18.380 Digitizer Gain & Offsets Received  
 2014-09-17 00:24:18.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4267 recs. seq end: 14120312  
 2014-09-17 00:24:18.380 Baler clock set to 2014-09-17 00:24:17  
 2014-09-17 00:24:18.380 Starting to Read DP Tokens  
 2014-09-17 00:24:18.380 DP Tokens loaded, size=1474 bytes  
 2014-09-17 00:24:18.380 Webserver advertising 192.168.200.119:5380  
 2014-09-17 00:24:18.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-17 00:24:18.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-17 00:24:18.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-17 00:24:18.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-17 00:24:18.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-17 00:24:18.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-17 00:24:18.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-17 00:24:18.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-17 00:24:18.380 [2014-09-16 12:23:22.999998] continuity found: 14120312  
 464185403.000000 Q=100  
 2014-09-17 00:24:18.380 [2014-09-16 12:23:22.999998] restoring continuity  
 2014-09-17 00:24:18.380 Sending DT\_OPEN  
 2014-09-17 00:24:18.380 Station: XX-2017  
 2014-09-17 00:24:18.380 Q330 Serial Number: 0100000DB18FC351  
 2014-09-17 00:24:18.380 AMB Serial Number: 0100000B6909DD82  
 2014-09-17 00:24:18.380 Seismo 1 Serial Number: 0000000000000000  
 2014-09-17 00:24:18.380 Seismo 2 Serial Number: 0000000000000000  
 2014-09-17 00:24:18.380 QAPCHP 1 Serial Number: 4643206  
 2014-09-17 00:24:18.380 QAPCHP 2 Serial Number: 3743050  
 2014-09-17 00:24:18.380 KMI Property Tag Number: 2017  
 2014-09-17 00:24:18.380 System Software Version: 1.146

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2014-09-17 00:24:18.380 Slave Processor Version: 1.11  
 2014-09-17 00:24:18.380 Calibrator Type: QCAL330  
 2014-09-17 00:24:18.380 Calibrator Version: 1.8  
 2014-09-17 00:24:18.380 Auxiliary Board Type: None  
 2014-09-17 00:24:18.380 Clock Type: Motorola M12  
 2014-09-17 00:24:18.380 PLD Version: 7.9  
 2014-09-17 00:24:18.380 Total Hours: 69076.91  
 2014-09-17 00:24:18.380 Power On Hours: 33707.30  
 2014-09-17 00:24:18.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-17 00:24:18.380 Total Number of Boots: 120  
 2014-09-17 00:24:18.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-17 00:24:18.380 Total Number of Re-Syncs: 213  
 2014-09-17 00:24:18.380 Status Inputs: 00000000  
 2014-09-17 00:24:18.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-17 00:24:18.380 Clock Quality: 100%  
 2014-09-17 00:24:18.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-17 00:24:18.380 Clock Phase: 0 usec. max allowed=50000  
 2014-09-17 00:24:18.380 Boom positions:  
 2014-09-17 00:24:18.380 ch1: -2 ch2: -1 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-09-17 00:24:18.380 Analog Status  
 2014-09-17 00:24:18.380 Analog Positive Supply: 5.46V  
 2014-09-17 00:24:18.380 Input Voltage: 13.20V  
 2014-09-17 00:24:18.380 System Temperature: 5C  
 2014-09-17 00:24:18.380 Main Current: 62ma  
 2014-09-17 00:24:18.380 Antenna Current: 0ma  
 2014-09-17 00:24:18.380 GPS Status  
 2014-09-17 00:24:18.380 Time: 00:24:16  
 2014-09-17 00:24:18.380 Date:  
 2014-09-17 00:24:18.380 Fix Type: 1-D  
 2014-09-17 00:24:18.380 Height:  
 2014-09-17 00:24:18.380 Latitude:  
 2014-09-17 00:24:18.380 Longitude:  
 2014-09-17 00:24:18.380 On Time: 0min  
 2014-09-17 00:24:18.380 Sat. Used: 0  
 2014-09-17 00:24:18.380 In View: 0  
 2014-09-17 00:24:18.380 Checksum Errors: 0  
 2014-09-17 00:24:18.380 Last GPS timemark: 2014-09-17 00:24:15  
 2014-09-17 00:24:18.380 PLL Status  
 2014-09-17 00:24:18.380 State: Lock  
 2014-09-17 00:24:18.380 Initial VCO: 2202.115967  
 2014-09-17 00:24:18.380 Time Error: 0.000000  
 2014-09-17 00:24:18.380 RMS VCO: 0.000000  
 2014-09-17 00:24:18.380 Best VCO: 2202.09  
 2014-09-17 00:24:18.380 Seconds Since Track or Lock: 0.0  
 2014-09-17 00:24:18.380 Vco Control: 2202  
 2014-09-17 00:24:18.380 timing mode: external seascan  
 2014-09-17 00:24:18.380 tempco normal  
 2014-09-17 00:24:18.380 PLL update: 10s PLL lock criterion: 5us  
 2014-09-17 00:24:18.380 Pfrac: 150.00  
 2014-09-17 00:24:18.380 VCO slope: -0.0175000  
 2014-09-17 00:24:18.380 VCO intercept: 7.1100001  
 2014-09-17 00:24:18.380 km delta: 600.0000000  
 2014-09-17 00:24:18.380 Logical Port 4 Status  
 2014-09-17 00:24:18.380 Data Packets Sent: 15846723  
 2014-09-17 00:24:18.380 Packets Re-Sent: 25270  
 2014-09-17 00:24:18.380 Sequence Errors: 0  
 2014-09-17 00:24:18.380 Packet Buffer Used: 20202788  
 2014-09-17 00:24:18.380 Physical Port: Ethernet  
 2014-09-17 00:24:18.380 Baler Model: 14 Software Version: 2.28  
 2014-09-17 00:24:18.380 MAC Address: 00:04:FB:00:02:EA  
 2014-09-17 00:24:18.380 Disk Size: 20000669696  
 2014-09-17 00:24:18.380 Percent of 1177 data files in use: 31.4  
 2014-09-17 00:24:18.380 Channels Enabled: 1234 Preamps ON channels:

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2014-09-17 00:24:18.380 Channel Sensitivities (uV per count):
2014-09-17 00:24:18.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-17 00:24:18.380 Digitizer Calibration Results:
2014-09-17 00:24:18.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-17 00:24:18.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-17 00:24:18.380 DMU1 Software Version=10
2014-09-17 00:24:18.380 Supply Voltage=12.7
2014-09-17 00:24:18.380 Supply Current=0.41
2014-09-17 00:24:18.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-17 00:24:18.380 WebLink Data Maps Restored
2014-09-17 00:24:18.380 [2014-09-16 12:23:22.999998] sequence resumes: 14120312 to
14120312
2014-09-17 00:24:18.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-17 00:24:17
2014-09-17 00:29:09.700 [2014-09-17 00:00:00.000000] Saving Configuration to Backup
Memory
2014-09-17 00:29:09.700 Reducing Status Polling Interval
2014-09-17 00:29:09.700 [2014-09-17 00:29:22.000000] total packets received: 44746
2014-09-17 00:29:09.700 [2014-09-17 00:29:22.000000] command timeouts: 6
2014-09-17 00:29:09.700 [2014-09-17 00:29:22.000000] out of window: 56
2014-09-17 00:29:09.700 written: HHZ-1064 HH1-1207 HH2-1227 BDH-404 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-09-17 00:29:09.700 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-23 LH2-23 LDH-24
VMZ-1 VM1-1
2014-09-17 00:29:09.700 written: VM2-1 LOG-2 ACE-2 OCF-2
2014-09-17 00:29:09.700 [2014-09-17 00:29:22.000000] Done: 4032 recs. seq end:
14163871. run: 302 s
2014-09-17 12:30:17.370
2014-09-17 12:30:17.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-17 12:30:17.370 Control Port 2491 Opened
2014-09-17 12:30:17.370 Baler ready on Ethernet
2014-09-17 12:30:17.370 Power Cycled Baler Acknowledged
2014-09-17 12:30:17.370 Commands Accepted by Q330
2014-09-17 12:30:17.370 Access timeout: 300 sec
2014-09-17 12:30:17.370 Control Port 4023 Opened
2014-09-17 12:30:17.370 Data Port 4024 Opened
2014-09-17 12:30:17.370 Registered with Q330
2014-09-17 12:30:17.370 Combination Record Received
2014-09-17 12:30:17.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-17 12:30:17.370 Link Reset, starting window sequence: 29996
2014-09-17 12:30:17.370 GPS Receiver ID Received
2014-09-17 12:30:17.370 Manufacturer's Data Received, Property Tag=2017
2014-09-17 12:30:17.370 Digitizer Gain & Offsets Received
2014-09-17 12:30:17.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4032 recs.
seq end: 14163871
2014-09-17 12:30:17.370 Baler clock set to 2014-09-17 12:30:16
2014-09-17 12:30:17.370 Starting to Read DP Tokens
2014-09-17 12:30:17.370 DP Tokens loaded, size=1474 bytes
2014-09-17 12:30:17.370 webserver advertising 192.168.200.119:5380
2014-09-17 12:30:17.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-17 12:30:17.370 filters & delay HH1:2@100,Linear all=0.320000
2014-09-17 12:30:17.370 filters & delay HH2:3@100,Linear all=0.320000
2014-09-17 12:30:17.370 filters & delay BDH:4@20,Linear all=1.650000
2014-09-17 12:30:17.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-17 12:30:17.370 filters & delay LH1:2@1,Linear all=15.000000
2014-09-17 12:30:17.370 filters & delay LH2:3@1,Linear all=15.000000
2014-09-17 12:30:17.370 filters & delay LDH:4@1,Linear all=15.000000
2014-09-17 12:30:17.370 [2014-09-17 00:29:22.000000] continuity found: 14163871
464228962.000000 Q=100
2014-09-17 12:30:17.370 [2014-09-17 00:29:22.000000] restoring continuity
2014-09-17 12:30:17.370 Sending DT_OPEN
2014-09-17 12:30:17.370 Station: XX-2017
2014-09-17 12:30:17.370 Q330 Serial Number: 0100000DB18FC351

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2014-09-17 12:30:17.370 AMB Serial Number: 0100000B6909DD82  
 2014-09-17 12:30:17.370 Seismo 1 Serial Number: 0000000000000000  
 2014-09-17 12:30:17.370 Seismo 2 Serial Number: 0000000000000000  
 2014-09-17 12:30:17.370 QAPCHP 1 Serial Number: 4643206  
 2014-09-17 12:30:17.370 QAPCHP 2 Serial Number: 3743050  
 2014-09-17 12:30:17.370 KMI Property Tag Number: 2017  
 2014-09-17 12:30:17.370 System Software Version: 1.146  
 2014-09-17 12:30:17.370 Slave Processor Version: 1.11  
 2014-09-17 12:30:17.370 Calibrator Type: QCAL330  
 2014-09-17 12:30:17.370 Calibrator Version: 1.8  
 2014-09-17 12:30:17.370 Auxiliary Board Type: None  
 2014-09-17 12:30:17.370 Clock Type: Motorola M12  
 2014-09-17 12:30:17.370 PLD Version: 7.9  
 2014-09-17 12:30:17.370 Total Hours: 69089.01  
 2014-09-17 12:30:17.370 Power On Hours: 33719.40  
 2014-09-17 12:30:17.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-17 12:30:17.370 Total Number of Boots: 120  
 2014-09-17 12:30:17.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-17 12:30:17.370 Total Number of Re-Syncs: 213  
 2014-09-17 12:30:17.370 Status Inputs: 00000000  
 2014-09-17 12:30:17.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-17 12:30:17.370 Clock Quality: 100%  
 2014-09-17 12:30:17.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-17 12:30:17.370 Clock Phase: 0 usec. max allowed=50000  
 2014-09-17 12:30:17.370 Boom positions:  
 2014-09-17 12:30:17.370 Ch1: -2 Ch2: -3 Ch3: 10 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-17 12:30:17.370 Analog Status  
 2014-09-17 12:30:17.370 Analog Positive Supply: 5.46V  
 2014-09-17 12:30:17.370 Input Voltage: 13.20V  
 2014-09-17 12:30:17.370 System Temperature: 5C  
 2014-09-17 12:30:17.370 Main Current: 62ma  
 2014-09-17 12:30:17.370 Antenna Current: 0ma  
 2014-09-17 12:30:17.370 GPS Status  
 2014-09-17 12:30:17.370 Time: 12:30:16  
 2014-09-17 12:30:17.370 Date:  
 2014-09-17 12:30:17.370 Fix Type: 1-D  
 2014-09-17 12:30:17.370 Height:  
 2014-09-17 12:30:17.370 Latitude:  
 2014-09-17 12:30:17.370 Longitude:  
 2014-09-17 12:30:17.370 On Time: 0min  
 2014-09-17 12:30:17.370 Sat. Used: 0  
 2014-09-17 12:30:17.370 In View: 0  
 2014-09-17 12:30:17.370 Checksum Errors: 0  
 2014-09-17 12:30:17.370 Last GPS timemark: 2014-09-17 12:30:15  
 2014-09-17 12:30:17.370 PLL Status  
 2014-09-17 12:30:17.370 State: Lock  
 2014-09-17 12:30:17.370 Initial VCO: 2201.792480  
 2014-09-17 12:30:17.370 Time Error: 0.000000  
 2014-09-17 12:30:17.370 RMS VCO: 0.000000  
 2014-09-17 12:30:17.370 Best VCO: 2201.88  
 2014-09-17 12:30:17.370 Seconds Since Track or Lock: 0.0  
 2014-09-17 12:30:17.370 Vco Control: 2202  
 2014-09-17 12:30:17.370 timing mode: external seascan  
 2014-09-17 12:30:17.370 tempco normal  
 2014-09-17 12:30:17.370 PLL update: 10s PLL lock criterion: 5us  
 2014-09-17 12:30:17.370 Pfrac: 150.00  
 2014-09-17 12:30:17.370 VCO slope: -0.0175000  
 2014-09-17 12:30:17.370 VCO intercept: 7.1100001  
 2014-09-17 12:30:17.370 km delta: 600.000000  
 2014-09-17 12:30:17.370 Logical Port 4 Status  
 2014-09-17 12:30:17.370 Data Packets Sent: 15891384  
 2014-09-17 12:30:17.370 Flood Packets Sent: 0  
 2014-09-17 12:30:17.370 Packets Re-Sent: 25340

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2014-09-17 12:30:17.370 Sequence Errors: 0  
 2014-09-17 12:30:17.370 Packet Buffer Used: 20424812  
 2014-09-17 12:30:17.370 Physical Port: Ethernet  
 2014-09-17 12:30:17.370 Baler Model: 14 Software Version: 2.28  
 2014-09-17 12:30:17.370 MAC Address: 00:04:FB:00:02:EA  
 2014-09-17 12:30:17.370 Disk Size: 20000669696  
 2014-09-17 12:30:17.370 Percent of 1177 data files in use: 31.6  
 2014-09-17 12:30:17.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-17 12:30:17.370 Channel Sensitivities (uV per count):  
 2014-09-17 12:30:17.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-17 12:30:17.370 Digitizer Calibration Results:  
 2014-09-17 12:30:17.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-17 12:30:17.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-17 12:30:17.370 DMU1 Software Version=10  
 2014-09-17 12:30:17.370 Supply Voltage=12.7  
 2014-09-17 12:30:17.370 Supply Current=0.40  
 2014-09-17 12:30:17.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-17 12:30:17.370 WebLink Data Maps Restored  
 2014-09-17 12:30:17.370 [2014-09-17 00:29:22.000000] sequence resumes: 14163871 to 14163871  
 2014-09-17 12:30:17.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-17 12:30:16  
 2014-09-17 12:35:27.920 [2014-09-17 12:32:49.000000] total packets received: 44366  
 2014-09-17 12:35:27.920 [2014-09-17 12:32:49.000000] command timeouts: 6  
 2014-09-17 12:35:27.920 [2014-09-17 12:32:49.000000] out of window: 61  
 2014-09-17 12:35:27.920 written: HHZ-1045 HH1-1229 HH2-1271 BDH-397 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-17 12:35:27.920 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-23 LDH-24  
 VMZ-2 VM1-2  
 2014-09-17 12:35:27.920 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2014-09-17 12:35:27.920 [2014-09-17 12:32:49.000000] Done: 4082 recs. seq end: 14207278. run: 306 s  
 2014-09-18 00:36:21.360  
 2014-09-18 00:36:21.360 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-18 00:36:21.360 Control Port 2491 Opened  
 2014-09-18 00:36:21.360 Baler ready on Ethernet  
 2014-09-18 00:36:21.360 Power Cycled Baler Acknowledged  
 2014-09-18 00:36:21.360 Commands Accepted by Q330  
 2014-09-18 00:36:21.360 Access timeout: 300 sec  
 2014-09-18 00:36:21.360 Control Port 4023 Opened  
 2014-09-18 00:36:21.360 Data Port 4024 Opened  
 2014-09-18 00:36:21.360 Registered with Q330  
 2014-09-18 00:36:21.360 Combination Record Received  
 2014-09-18 00:36:21.360 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-18 00:36:21.360 Link Reset, starting window sequence: 8731  
 2014-09-18 00:36:21.360 GPS Receiver ID Received  
 2014-09-18 00:36:21.360 Manufacturer's Data Received, Property Tag=2017  
 2014-09-18 00:36:21.360 Digitizer Gain & Offsets Received  
 2014-09-18 00:36:21.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4082 recs. seq end: 14207278  
 2014-09-18 00:36:21.360 Baler clock set to 2014-09-18 00:36:20  
 2014-09-18 00:36:21.360 Starting to Read DP Tokens  
 2014-09-18 00:36:21.360 DP Tokens loaded, size=1474 bytes  
 2014-09-18 00:36:21.360 webserver advertising 192.168.200.119:5380  
 2014-09-18 00:36:21.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-18 00:36:21.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-18 00:36:21.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-18 00:36:21.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-18 00:36:21.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-18 00:36:21.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-18 00:36:21.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-18 00:36:21.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-18 00:36:21.360 [2014-09-17 12:32:49.000000] continuity found: 14207278

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464272369.000000 Q=100
2014-09-18 00:36:21.360 [2014-09-17 12:32:49.000000] restoring continuity
2014-09-18 00:36:21.360 Sending DT_OPEN
2014-09-18 00:36:21.360 Station: XX-2017
2014-09-18 00:36:21.360 Q330 Serial Number: 0100000DB18FC351
2014-09-18 00:36:21.360 AMB Serial Number: 0100000B6909DD82
2014-09-18 00:36:21.360 Seismo 1 Serial Number: 0000000000000000
2014-09-18 00:36:21.360 Seismo 2 Serial Number: 0000000000000000
2014-09-18 00:36:21.360 QAPCHP 1 Serial Number: 4643206
2014-09-18 00:36:21.360 QAPCHP 2 Serial Number: 3743050
2014-09-18 00:36:21.360 KMI Property Tag Number: 2017
2014-09-18 00:36:21.360 System Software Version: 1.146
2014-09-18 00:36:21.360 Calibrator Type: QCAL330
2014-09-18 00:36:21.360 Calibrator Version: 1.8
2014-09-18 00:36:21.360 Auxiliary Board Type: None
2014-09-18 00:36:21.360 Clock Type: Motorola M12
2014-09-18 00:36:21.360 PLD Version: 7.9
2014-09-18 00:36:21.360 Total Hours: 69101.11
2014-09-18 00:36:21.360 Power On Hours: 33731.50
2014-09-18 00:36:21.360 Time of Last Boot: 2014-04-06 02:03:58
2014-09-18 00:36:21.360 Total Number of Boots: 120
2014-09-18 00:36:21.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-18 00:36:21.360 Total Number of Re-Syncs: 213
2014-09-18 00:36:21.360 Status Inputs: 00000000
2014-09-18 00:36:21.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-09-18 00:36:21.360 Clock Quality: 100%
2014-09-18 00:36:21.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-18 00:36:21.360 Clock Phase: 0 usec. max allowed=50000
2014-09-18 00:36:21.360 Boom positions:
2014-09-18 00:36:21.360 Ch1: -2 Ch2: -6 Ch3: 12 Ch4: 20 Ch5: 20 Ch6: 20
2014-09-18 00:36:21.360 Analog Status
2014-09-18 00:36:21.360 Analog Positive Supply: 5.46v
2014-09-18 00:36:21.360 Input Voltage: 13.35V
2014-09-18 00:36:21.360 System Temperature: 5C
2014-09-18 00:36:21.360 Main Current: 64ma
2014-09-18 00:36:21.360 Antenna Current: 0ma
2014-09-18 00:36:21.360 GPS Status
2014-09-18 00:36:21.360 Time: 00:36:20
2014-09-18 00:36:21.360 Date:
2014-09-18 00:36:21.360 Fix Type: 1-D
2014-09-18 00:36:21.360 Height:
2014-09-18 00:36:21.360 Latitude:
2014-09-18 00:36:21.360 Longitude:
2014-09-18 00:36:21.360 On Time: 0min
2014-09-18 00:36:21.360 Sat. Used: 0
2014-09-18 00:36:21.360 In View: 0
2014-09-18 00:36:21.360 Checksum Errors: 0
2014-09-18 00:36:21.360 Last GPS timemark: 2014-09-18 00:36:19
2014-09-18 00:36:21.360 PLL Status
2014-09-18 00:36:21.360 State: Lock
2014-09-18 00:36:21.360 Initial VCO: 2201.762451
2014-09-18 00:36:21.360 Time Error: 0.000000
2014-09-18 00:36:21.360 RMS VCO: 0.000000
2014-09-18 00:36:21.360 Best VCO: 2201.82
2014-09-18 00:36:21.360 Seconds Since Track or Lock: 0.0
2014-09-18 00:36:21.360 Vco Control: 2202
2014-09-18 00:36:21.360 timing mode: external seascan
2014-09-18 00:36:21.360 tempco normal
2014-09-18 00:36:21.360 PLL update: 10s PLL lock criterion: 5us
2014-09-18 00:36:21.360 Pfrac: 150.00
2014-09-18 00:36:21.360 VCO slope: -0.0175000
2014-09-18 00:36:21.360 VCO intercept: 7.1100001
2014-09-18 00:36:21.360 km delta: 600.000000

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2014-09-18 00:36:21.360 Logical Port 4 Status  
 2014-09-18 00:36:21.360 Data Packets Sent: 15935660  
 2014-09-18 00:36:21.360 Flood Packets Sent: 0  
 2014-09-18 00:36:21.360 Packets Re-Sent: 25417  
 2014-09-18 00:36:21.360 Sequence Errors: 0  
 2014-09-18 00:36:21.360 Packet Buffer Used: 20994908  
 2014-09-18 00:36:21.360 Physical Port: Ethernet  
 2014-09-18 00:36:21.360 Baler Model: 14 Software Version: 2.28  
 2014-09-18 00:36:21.360 MAC Address: 00:04:FB:00:02:EA  
 2014-09-18 00:36:21.360 Disk Size: 20000669696  
 2014-09-18 00:36:21.360 Percent of 1177 data files in use: 31.7  
 2014-09-18 00:36:21.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-18 00:36:21.360 Channel Sensitivities (uV per count):  
 2014-09-18 00:36:21.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-18 00:36:21.360 Digitizer Calibration Results:  
 2014-09-18 00:36:21.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-18 00:36:21.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-18 00:36:21.360 DMU1 Software Version=10  
 2014-09-18 00:36:21.360 Supply Voltage=12.7  
 2014-09-18 00:36:21.360 Supply Current=0.41  
 2014-09-18 00:36:21.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-18 00:36:21.360 WebLink Data Maps Restored  
 2014-09-18 00:36:21.360 [2014-09-17 12:32:49.000000] sequence resumes: 14207278 to 14207278  
 2014-09-18 00:36:21.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-09-18 00:36:20  
 2014-09-18 00:41:10.100 [2014-09-17 23:59:59.999998] Saving Configuration to Backup Memory  
 2014-09-18 00:41:10.100 [2014-09-18 00:31:59.000000] total packets received: 44531  
 2014-09-18 00:41:10.100 [2014-09-18 00:31:59.000000] command timeouts: 6  
 2014-09-18 00:41:10.100 [2014-09-18 00:31:59.000000] out of window: 52  
 2014-09-18 00:41:10.100 written: HHZ-1118 HH1-1255 HH2-1234 BDH-414 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-18 00:41:10.100 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-23 LH2-24 LDH-23  
 VMZ-2 VM1-2  
 2014-09-18 00:41:10.100 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-09-18 00:41:10.100 [2014-09-18 00:31:59.000000] Done: 4158 recs. seq end: 14250428. run: 305 s  
 2014-09-18 12:42:21.400  
 2014-09-18 12:42:21.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-18 12:42:21.400 Control Port 2491 Opened  
 2014-09-18 12:42:21.400 Baler ready on Ethernet  
 2014-09-18 12:42:21.400 Power Cycled Baler Acknowledged  
 2014-09-18 12:42:21.400 Commands Accepted by Q330  
 2014-09-18 12:42:21.400 Access timeout: 300 sec  
 2014-09-18 12:42:21.400 Control Port 4023 Opened  
 2014-09-18 12:42:21.400 Data Port 4024 Opened  
 2014-09-18 12:42:21.400 Registered with Q330  
 2014-09-18 12:42:21.400 Combination Record Received  
 2014-09-18 12:42:21.400 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-18 12:42:21.400 Link Reset, starting window sequence: 53176  
 2014-09-18 12:42:21.400 GPS Receiver ID Received  
 2014-09-18 12:42:21.400 Manufacturer's Data Received, Property Tag=2017  
 2014-09-18 12:42:21.400 Digitizer Gain & Offsets Received  
 2014-09-18 12:42:21.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4158 recs. seq end: 14250428  
 2014-09-18 12:42:21.400 Baler clock set to 2014-09-18 12:42:20  
 2014-09-18 12:42:21.400 Starting to Read DP Tokens  
 2014-09-18 12:42:21.400 DP Tokens loaded, size=1474 bytes  
 2014-09-18 12:42:21.400 webserver advertising 192.168.200.119:5380  
 2014-09-18 12:42:21.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-18 12:42:21.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-18 12:42:21.400 filters & delay HH2:3@100,Linear all=0.320000

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2014-09-18 12:42:21.400 filters & delay BDH:4@20,Linear all=1.650000
2014-09-18 12:42:21.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-18 12:42:21.400 filters & delay LH1:2@1,Linear all=15.000000
2014-09-18 12:42:21.400 filters & delay LH2:3@1,Linear all=15.000000
2014-09-18 12:42:21.400 filters & delay LDH:4@1,Linear all=15.000000
2014-09-18 12:42:21.400 [2014-09-18 00:31:59.000000] continuity found: 14250428
464315519.000000 Q=100
2014-09-18 12:42:21.400 [2014-09-18 00:31:59.000000] restoring continuity
2014-09-18 12:42:21.400 Sending DT_OPEN
2014-09-18 12:42:21.400 Station: XX-2017
2014-09-18 12:42:21.400 Q330 Serial Number: 0100000DB18FC351
2014-09-18 12:42:21.400 AMB Serial Number: 0100000B6909DD82
2014-09-18 12:42:21.400 Seismo 1 Serial Number: 0000000000000000
2014-09-18 12:42:21.400 Seismo 2 Serial Number: 0000000000000000
2014-09-18 12:42:21.400 QAPCHP 1 Serial Number: 4643206
2014-09-18 12:42:21.400 QAPCHP 2 Serial Number: 3743050
2014-09-18 12:42:21.400 KMI Property Tag Number: 2017
2014-09-18 12:42:21.400 System Software Version: 1.146
2014-09-18 12:42:21.400 Slave Processor Version: 1.11
2014-09-18 12:42:21.400 Calibrator Type: QCAL330
2014-09-18 12:42:21.400 Calibrator Version: 1.8
2014-09-18 12:42:21.400 Auxiliary Board Type: None
2014-09-18 12:42:21.400 Clock Type: Motorola M12
2014-09-18 12:42:21.400 PLD Version: 7.9
2014-09-18 12:42:21.400 Total Hours: 69113.21
2014-09-18 12:42:21.400 Power On Hours: 33743.60
2014-09-18 12:42:21.400 Time of Last Boot: 2014-04-06 02:03:58
2014-09-18 12:42:21.400 Total Number of Boots: 120
2014-09-18 12:42:21.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-18 12:42:21.400 Total Number of Re-Syncs: 213
2014-09-18 12:42:21.400 Status Inputs: 00000000
2014-09-18 12:42:21.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-18 12:42:21.400 Clock Quality: 100%
2014-09-18 12:42:21.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-18 12:42:21.400 Clock Phase: 0 usec. max allowed=50000
2014-09-18 12:42:21.400 Boom positions:
2014-09-18 12:42:21.400 ch1: -2 ch2: -8 ch3: 14 ch4: 20 ch5: 20 ch6: 20
2014-09-18 12:42:21.400 Analog Status
2014-09-18 12:42:21.400 Analog Positive Supply: 5.46V
2014-09-18 12:42:21.400 Input Voltage: 13.35V
2014-09-18 12:42:21.400 System Temperature: 5C
2014-09-18 12:42:21.400 Main Current: 61ma
2014-09-18 12:42:21.400 Antenna Current: 0ma
2014-09-18 12:42:21.400 GPS Status
2014-09-18 12:42:21.400 Time: 12:42:20
2014-09-18 12:42:21.400 Date:
2014-09-18 12:42:21.400 Fix Type: 1-D
2014-09-18 12:42:21.400 Height:
2014-09-18 12:42:21.400 Latitude:
2014-09-18 12:42:21.400 Longitude:
2014-09-18 12:42:21.400 On Time: 0min
2014-09-18 12:42:21.400 Sat. Used: 0
2014-09-18 12:42:21.400 In View: 0
2014-09-18 12:42:21.400 Checksum Errors: 0
2014-09-18 12:42:21.400 Last GPS timemark: 2014-09-18 12:42:19
2014-09-18 12:42:21.400 PLL Status
2014-09-18 12:42:21.400 State: Lock
2014-09-18 12:42:21.400 Initial VCO: 2201.672607
2014-09-18 12:42:21.400 Time Error: 0.000000
2014-09-18 12:42:21.400 RMS VCO: 0.000000
2014-09-18 12:42:21.400 Best VCO: 2201.94
2014-09-18 12:42:21.400 Seconds Since Track or Lock: 0.0
2014-09-18 12:42:21.400 vco control: 2201

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2014-09-18 12:42:21.400 timing mode: external seascan
2014-09-18 12:42:21.400 tempco normal
2014-09-18 12:42:21.400 PLL update: 10s PLL lock criterion: 5us
2014-09-18 12:42:21.400 Pfrac: 150.00
2014-09-18 12:42:21.400 VCO slope: -0.0175000
2014-09-18 12:42:21.400 VCO intercept: 7.1100001
2014-09-18 12:42:21.400 km delta: 600.0000000
2014-09-18 12:42:21.400 Logical Port 4 Status
2014-09-18 12:42:21.400 Data Packets Sent: 15980110
2014-09-18 12:42:21.400 Flood Packets Sent: 0
2014-09-18 12:42:21.400 Packets Re-Sent: 25487
2014-09-18 12:42:21.400 Sequence Errors: 0
2014-09-18 12:42:21.400 Packet Buffer Used: 23247556
2014-09-18 12:42:21.400 Physical Port: Ethernet
2014-09-18 12:42:21.400 Baler Model: 14 Software Version: 2.28
2014-09-18 12:42:21.400 MAC Address: 00:04:FB:00:02:EA
2014-09-18 12:42:21.400 Disk Size: 20000669696
2014-09-18 12:42:21.400 Percent of 1177 data files in use: 31.7
2014-09-18 12:42:21.400 Channels Enabled: 1234 Preamps ON channels:
2014-09-18 12:42:21.400 Channel Sensitivities (uV per count):
2014-09-18 12:42:21.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-18 12:42:21.400 Digitizer Calibration Results:
2014-09-18 12:42:21.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-18 12:42:21.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-18 12:42:21.400 DMU1 Software Version=10
2014-09-18 12:42:21.400 Supply Voltage=12.6
2014-09-18 12:42:21.400 Supply Current=0.41
2014-09-18 12:42:21.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-18 12:42:21.400 webLink Data Maps Restored
2014-09-18 12:42:21.400 [2014-09-18 00:31:59.000000] sequence resumes: 14250428 to
14250428
2014-09-18 12:42:21.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-18 12:42:20
2014-09-18 12:46:47.020 Reducing Status Polling Interval
2014-09-18 12:48:17.810 [2014-09-18 12:43:56.000000] total packets received: 63567
2014-09-18 12:48:17.810 [2014-09-18 12:43:56.000000] command timeouts: 6
2014-09-18 12:48:17.810 [2014-09-18 12:43:56.000000] out of window: 72
2014-09-18 12:48:17.810 written: HHZ-1251 HH1-1430 HH2-1452 BDH-443 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-09-18 12:48:17.810 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2014-09-18 12:48:17.810 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-1
2014-09-18 12:48:17.810 [2014-09-18 12:43:56.000000] Done: 4713 recs. seq end:
14294345. run: 352 s
2014-09-19 00:49:10.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-19 00:49:10.370 Control Port 2491 Opened
2014-09-19 00:49:10.370 Baler ready on Ethernet
2014-09-19 00:49:10.370 Power Cycled Baler Acknowledged
2014-09-19 00:49:10.370 Commands Accepted by Q330
2014-09-19 00:49:10.370 Access timeout: 300 sec
2014-09-19 00:49:10.370 Control Port 4023 Opened
2014-09-19 00:49:10.370 Data Port 4024 Opened
2014-09-19 00:49:10.370 Registered with Q330
2014-09-19 00:49:10.370 Combination Record Received
2014-09-19 00:49:10.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-19 00:49:10.370 Link Reset, starting window sequence: 51083
2014-09-19 00:49:10.370 GPS Receiver ID Received
2014-09-19 00:49:10.370 Manufacturer's Data Received, Property Tag=2017
2014-09-19 00:49:10.370 Digitizer Gain & Offsets Received
2014-09-19 00:49:10.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4713 recs.
seq end: 14294345
2014-09-19 00:49:10.370 Baler clock set to 2014-09-19 00:49:09
2014-09-19 00:49:10.370 Starting to Read DP Tokens

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2014-09-19 00:49:10.370 DP Tokens loaded, size=1474 bytes
2014-09-19 00:49:10.370 Webserver advertising 192.168.200.119:5380
2014-09-19 00:49:10.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-19 00:49:10.370 filters & delay HH1:2@100,Linear all=0.320000
2014-09-19 00:49:10.370 filters & delay HH2:3@100,Linear all=0.320000
2014-09-19 00:49:10.370 filters & delay BDH:4@20,Linear all=1.650000
2014-09-19 00:49:10.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-19 00:49:10.370 filters & delay LH1:2@1,Linear all=15.000000
2014-09-19 00:49:10.370 filters & delay LH2:3@1,Linear all=15.000000
2014-09-19 00:49:10.370 filters & delay LDH:4@1,Linear all=15.000000
2014-09-19 00:49:10.370 [2014-09-18 12:43:56.000000] continuity found: 14294345
464359436.000000 Q=100
2014-09-19 00:49:10.370 [2014-09-18 12:43:56.000000] restoring continuity
2014-09-19 00:49:10.370 Sending DT_OPEN
2014-09-19 00:49:10.370 Station: XX-2017
2014-09-19 00:49:10.370 Q330 Serial Number: 0100000DB18FC351
2014-09-19 00:49:10.370 AMB Serial Number: 0100000B6909DD82
2014-09-19 00:49:10.370 Seismo 1 Serial Number: 0000000000000000
2014-09-19 00:49:10.370 Seismo 2 Serial Number: 0000000000000000
2014-09-19 00:49:10.370 QAPCHP 1 Serial Number: 4643206
2014-09-19 00:49:10.370 QAPCHP 2 Serial Number: 3743050
2014-09-19 00:49:10.370 KMI Property Tag Number: 2017
2014-09-19 00:49:10.370 System Software Version: 1.146
2014-09-19 00:49:10.370 Slave Processor Version: 1.11
2014-09-19 00:49:10.370 Calibrator Type: QCAL330
2014-09-19 00:49:10.370 Calibrator Version: 1.8
2014-09-19 00:49:10.370 Auxiliary Board Type: None
2014-09-19 00:49:10.370 Clock Type: Motorola M12
2014-09-19 00:49:10.370 PLD Version: 7.9
2014-09-19 00:49:10.370 Total Hours: 69125.33
2014-09-19 00:49:10.370 Power On Hours: 33755.71
2014-09-19 00:49:10.370 Time of Last Boot: 2014-04-06 02:03:58
2014-09-19 00:49:10.370 Total Number of Boots: 120
2014-09-19 00:49:10.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-19 00:49:10.370 Total Number of Re-Syncs: 213
2014-09-19 00:49:10.370 Status Inputs: 00000000
2014-09-19 00:49:10.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-19 00:49:10.370 Clock Quality: 100%
2014-09-19 00:49:10.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-19 00:49:10.370 Clock Phase: 0 usec. max allowed=50000
2014-09-19 00:49:10.370 Boom positions:
2014-09-19 00:49:10.370 Ch1: -2 Ch2: -11 Ch3: 16 Ch4: 20 Ch5: 20 Ch6: 20
2014-09-19 00:49:10.370 Analog Status
2014-09-19 00:49:10.370 Analog Positive Supply: 5.46V
2014-09-19 00:49:10.370 Input Voltage: 13.35V
2014-09-19 00:49:10.370 System Temperature: 5C
2014-09-19 00:49:10.370 Main Current: 62ma
2014-09-19 00:49:10.370 Antenna Current: 0ma
2014-09-19 00:49:10.370 GPS Status
2014-09-19 00:49:10.370 Time: 00:49:09
2014-09-19 00:49:10.370 Date:
2014-09-19 00:49:10.370 Fix Type: 1-D
2014-09-19 00:49:10.370 Height:
2014-09-19 00:49:10.370 Latitude:
2014-09-19 00:49:10.370 Longitude:
2014-09-19 00:49:10.370 On Time: 0min
2014-09-19 00:49:10.370 Sat. Used: 0
2014-09-19 00:49:10.370 In View: 0
2014-09-19 00:49:10.370 Checksum Errors: 0
2014-09-19 00:49:10.370 Last GPS timemark: 2014-09-19 00:49:08
2014-09-19 00:49:10.370 PLL Status
2014-09-19 00:49:10.370 State: Lock
2014-09-19 00:49:10.370 Initial VCO: 2201.656494

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2014-09-19 00:49:10.370 Time Error: 0.000000
2014-09-19 00:49:10.370 RMS VCO: 0.0000000
2014-09-19 00:49:10.370 Best VCO: 2201.67
2014-09-19 00:49:10.370 Seconds Since Track or Lock: 0.0
2014-09-19 00:49:10.370 Vco Control: 2202
2014-09-19 00:49:10.370 timing mode: external seascan
2014-09-19 00:49:10.370 tempco normal
2014-09-19 00:49:10.370 PLL update: 10s PLL lock criterion: 5us
2014-09-19 00:49:10.370 Pfrac: 150.00
2014-09-19 00:49:10.370 VCO slope: -0.0175000
2014-09-19 00:49:10.370 VCO intercept: 7.1100001
2014-09-19 00:49:10.370 km delta: 600.0000000
2014-09-19 00:49:10.370 Logical Port 4 Status
2014-09-19 00:49:10.370 Data Packets Sent: 16043560
2014-09-19 00:49:10.370 Flood Packets Sent: 0
2014-09-19 00:49:10.370 Packets Re-Sent: 25577
2014-09-19 00:49:10.370 Sequence Errors: 0
2014-09-19 00:49:10.370 Packet Buffer Used: 23494268
2014-09-19 00:49:10.370 Physical Port: Ethernet
2014-09-19 00:49:10.370 Baler Model: 14 Software Version: 2.28
2014-09-19 00:49:10.370 MAC Address: 00:04:FB:00:02:EA
2014-09-19 00:49:10.370 Disk Size: 20000669696
2014-09-19 00:49:10.370 Percent of 1177 data files in use: 31.9
2014-09-19 00:49:10.370 Channels Enabled: 1234 Preamps ON channels:
2014-09-19 00:49:10.370 Channel Sensitivities (uV per count):
2014-09-19 00:49:10.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-19 00:49:10.370 Digitizer Calibration Results:
2014-09-19 00:49:10.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-19 00:49:10.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-19 00:49:10.370 DMU1 Software Version=10
2014-09-19 00:49:10.370 Supply Voltage=12.8
2014-09-19 00:49:10.370 Supply Current=0.40
2014-09-19 00:49:10.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-19 00:49:10.370 webLink Data Maps Restored
2014-09-19 00:49:10.370 [2014-09-18 12:43:56.000000] sequence resumes overlapping:
14294345 to 14294344
2014-09-19 00:49:10.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-09-19 00:49:09
2014-09-19 00:54:43.440 [2014-09-19 00:00:00.000000] saving Configuration to Backup
Memory
2014-09-19 00:54:43.440 Reducing Status Polling Interval
2014-09-19 00:54:43.440 [2014-09-19 00:55:08.999998] total packets received: 64895
2014-09-19 00:54:43.440 [2014-09-19 00:55:08.999998] command timeouts: 6
2014-09-19 00:54:43.440 [2014-09-19 00:55:08.999998] out of window: 70
2014-09-19 00:54:43.440 written: HHZ-1259 HH1-1497 HH2-1473 BDH-440 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-19 00:54:43.440 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-24
VMZ-2 VM1-2
2014-09-19 00:54:43.440 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-3
2014-09-19 00:54:43.440 [2014-09-19 00:55:08.999998] Done: 4816 recs. seq end:
14338218. run: 356 s
2014-09-19 12:56:02.370
2014-09-19 12:56:02.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-19 12:56:02.370 Control Port 2491 Opened
2014-09-19 12:56:02.370 Baler ready on Ethernet
2014-09-19 12:56:02.370 Power Cycled Baler Acknowledged
2014-09-19 12:56:02.370 Commands Accepted by Q330
2014-09-19 12:56:02.370 Access timeout: 300 sec
2014-09-19 12:56:02.370 Control Port 4023 Opened
2014-09-19 12:56:02.370 Data Port 4024 Opened
2014-09-19 12:56:02.370 Registered with Q330
2014-09-19 12:56:02.370 Combination Record Received
2014-09-19 12:56:02.370 window=4 Min. Timeout=10 Max. Timeout=30

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2014-09-19 12:56:02.370 Link Reset, starting window sequence: 50334  
 2014-09-19 12:56:02.370 GPS Receiver ID Received  
 2014-09-19 12:56:02.370 Manufacturer's Data Received, Property Tag=2017  
 2014-09-19 12:56:02.370 Digitizer Gain & Offsets Received  
 2014-09-19 12:56:02.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4816 recs.  
 seq end: 14338218  
 2014-09-19 12:56:02.370 Baler clock set to 2014-09-19 12:56:01  
 2014-09-19 12:56:02.370 Starting to Read DP Tokens  
 2014-09-19 12:56:02.370 DP Tokens loaded, size=1474 bytes  
 2014-09-19 12:56:02.370 webserver advertising 192.168.200.119:5380  
 2014-09-19 12:56:02.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-19 12:56:02.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-19 12:56:02.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-19 12:56:02.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-19 12:56:02.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-19 12:56:02.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-19 12:56:02.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-19 12:56:02.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-19 12:56:02.370 [2014-09-19 00:55:08.999998] continuity found: 14338218  
 464403309.000000 Q=100  
 2014-09-19 12:56:02.370 [2014-09-19 00:55:08.999998] restoring continuity  
 2014-09-19 12:56:02.370 Sending DT\_OPEN  
 2014-09-19 12:56:02.370 Station: XX-2017  
 2014-09-19 12:56:02.370 Q330 Serial Number: 0100000DB18FC351  
 2014-09-19 12:56:02.370 AMB Serial Number: 0100000B6909DD82  
 2014-09-19 12:56:02.370 Seismo 1 Serial Number: 0000000000000000  
 2014-09-19 12:56:02.370 Seismo 2 Serial Number: 0000000000000000  
 2014-09-19 12:56:02.370 QAPCHP 1 Serial Number: 4643206  
 2014-09-19 12:56:02.370 QAPCHP 2 Serial Number: 3743050  
 2014-09-19 12:56:02.370 KMI Property Tag Number: 2017  
 2014-09-19 12:56:02.370 System Software Version: 1.146  
 2014-09-19 12:56:02.370 Slave Processor Version: 1.11  
 2014-09-19 12:56:02.370 Calibrator Type: QCAL330  
 2014-09-19 12:56:02.370 Calibrator Version: 1.8  
 2014-09-19 12:56:02.370 Auxiliary Board Type: None  
 2014-09-19 12:56:02.370 Clock Type: Motorola M12  
 2014-09-19 12:56:02.370 PLD Version: 7.9  
 2014-09-19 12:56:02.370 Total Hours: 69137.44  
 2014-09-19 12:56:02.370 Power On Hours: 33767.83  
 2014-09-19 12:56:02.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-19 12:56:02.370 Total Number of Boots: 120  
 2014-09-19 12:56:02.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-19 12:56:02.370 Total Number of Re-Syncs: 213  
 2014-09-19 12:56:02.370 Status Inputs: 00000000  
 2014-09-19 12:56:02.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-19 12:56:02.370 Clock Quality: 100%  
 2014-09-19 12:56:02.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-19 12:56:02.370 Clock Phase: 0 usec. max allowed=50000  
 2014-09-19 12:56:02.370 Boom positions:  
 2014-09-19 12:56:02.370 Ch1: -2 Ch2: -12 Ch3: 18 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-19 12:56:02.370 Analog Status  
 2014-09-19 12:56:02.370 Analog Positive Supply: 5.46V  
 2014-09-19 12:56:02.370 Input Voltage: 13.35V  
 2014-09-19 12:56:02.370 System Temperature: 5C  
 2014-09-19 12:56:02.370 Main Current: 61ma  
 2014-09-19 12:56:02.370 Antenna Current: 0ma  
 2014-09-19 12:56:02.370 GPS Status  
 2014-09-19 12:56:02.370 Time: 12:56:01  
 2014-09-19 12:56:02.370 Date:  
 2014-09-19 12:56:02.370 Fix Type: 1-D  
 2014-09-19 12:56:02.370 Height:  
 2014-09-19 12:56:02.370 Latitude:  
 2014-09-19 12:56:02.370 Longitude:

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2014-09-19 12:56:02.370 On Time: 0min  
 2014-09-19 12:56:02.370 Sat. Used: 0  
 2014-09-19 12:56:02.370 In View: 0  
 2014-09-19 12:56:02.370 Checksum Errors: 0  
 2014-09-19 12:56:02.370 Last GPS timemark: 2014-09-19 12:56:00  
 2014-09-19 12:56:02.370 PLL Status  
 2014-09-19 12:56:02.370 Initial VCO: 2201.625244  
 2014-09-19 12:56:02.370 Time Error: 0.000000  
 2014-09-19 12:56:02.370 RMS VCO: 0.000000  
 2014-09-19 12:56:02.370 Best VCO: 2201.59  
 2014-09-19 12:56:02.370 Seconds Since Track or Lock: 0.0  
 2014-09-19 12:56:02.370 Vco Control: 2201  
 2014-09-19 12:56:02.370 timing mode: external seascan  
 2014-09-19 12:56:02.370 tempco normal  
 2014-09-19 12:56:02.370 PLL update: 10s PLL lock criterion: 5us  
 2014-09-19 12:56:02.370 Pfrac: 150.00  
 2014-09-19 12:56:02.370 VCO slope: -0.0175000  
 2014-09-19 12:56:02.370 VCO intercept: 7.1100001  
 2014-09-19 12:56:02.370 Km delta: 600.0000000  
 2014-09-19 12:56:02.370 Logical Port 4 Status  
 2014-09-19 12:56:02.370 Data Packets Sent: 16108353  
 2014-09-19 12:56:02.370 Flood Packets Sent: 0  
 2014-09-19 12:56:02.370 Packets Re-Sent: 25662  
 2014-09-19 12:56:02.370 Sequence Errors: 0  
 2014-09-19 12:56:02.370 Packet Buffer Used: 23396152  
 2014-09-19 12:56:02.370 Physical Port: Ethernet  
 2014-09-19 12:56:02.370 Baler Model: 14 Software Version: 2.28  
 2014-09-19 12:56:02.370 MAC Address: 00:04:FB:00:02:EA  
 2014-09-19 12:56:02.370 Disk Size: 20000669696  
 2014-09-19 12:56:02.370 Percent of 1177 data files in use: 31.9  
 2014-09-19 12:56:02.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-19 12:56:02.370 Channel Sensitivities (uV per count):  
 2014-09-19 12:56:02.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-19 12:56:02.370 Digitizer Calibration Results:  
 2014-09-19 12:56:02.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-19 12:56:02.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-19 12:56:02.370 DMU1 Software Version=10  
 2014-09-19 12:56:02.370 Supply Voltage=12.7  
 2014-09-19 12:56:02.370 Supply Current=0.41  
 2014-09-19 12:56:02.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-19 12:56:02.370 webLink Data Maps Restored  
 2014-09-19 12:56:02.370 [2014-09-19 00:55:08.999998] sequence resumes: 14338218 to  
 14338218  
 2014-09-19 12:56:02.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-19 12:56:01  
 2014-09-19 13:01:57.960 Reducing Status Polling Interval  
 2014-09-19 13:01:57.960 [2014-09-19 13:01:57.999998] total packets received: 61399  
 2014-09-19 13:01:57.960 [2014-09-19 13:01:57.999998] command timeouts: 6  
 2014-09-19 13:01:57.960 [2014-09-19 13:01:57.999998] out of window: 74  
 2014-09-19 13:01:57.960 written: HHZ-1273 HH1-1472 HH2-1486 BDH-431 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-19 13:01:57.960 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-09-19 13:01:57.960 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2014-09-19 13:01:57.960 [2014-09-19 13:01:57.999998] Done: 4801 recs. seq end:  
 14381827. run: 352 s  
 2014-09-20 01:02:52.330  
 2014-09-20 01:02:52.330 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-20 01:02:52.330 Control Port 2491 Opened  
 2014-09-20 01:02:52.330 Baler ready on Ethernet  
 2014-09-20 01:02:52.330 Power Cycled Baler Acknowledged  
 2014-09-20 01:02:52.330 Commands Accepted by Q330  
 2014-09-20 01:02:52.330 Access timeout: 300 sec

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2014-09-20 01:02:52.330 Control Port 4023 Opened
2014-09-20 01:02:52.330 Data Port 4024 Opened
2014-09-20 01:02:52.330 Registered with Q330
2014-09-20 01:02:52.330 Combination Record Received
2014-09-20 01:02:52.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-20 01:02:52.330 Link Reset, starting window sequence: 46085
2014-09-20 01:02:52.330 GPS Receiver ID Received
2014-09-20 01:02:52.330 Manufacturer's Data Received, Property Tag=2017
2014-09-20 01:02:52.330 Digitizer Gain & Offsets Received
2014-09-20 01:02:52.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4801 recs.
seq end: 14381827
2014-09-20 01:02:52.330 Baler clock set to 2014-09-20 01:02:51
2014-09-20 01:02:52.330 Starting to Read DP Tokens
2014-09-20 01:02:52.330 DP Tokens loaded, size=1474 bytes
2014-09-20 01:02:52.330 Webserver advertising 192.168.200.119:5380
2014-09-20 01:02:52.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-20 01:02:52.330 filters & delay HH1:2@100,Linear all=0.320000
2014-09-20 01:02:52.330 filters & delay HH2:3@100,Linear all=0.320000
2014-09-20 01:02:52.330 filters & delay BDH:4@20,Linear all=1.650000
2014-09-20 01:02:52.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-20 01:02:52.330 filters & delay LH1:2@1,Linear all=15.000000
2014-09-20 01:02:52.330 filters & delay LH2:3@1,Linear all=15.000000
2014-09-20 01:02:52.330 filters & delay LDH:4@1,Linear all=15.000000
2014-09-20 01:02:52.330 [2014-09-19 13:01:57.999998] continuity found: 14381827
464446918.000000 Q=100
2014-09-20 01:02:52.330 [2014-09-19 13:01:57.999998] restoring continuity
2014-09-20 01:02:52.330 Sending DT_OPEN
2014-09-20 01:02:52.330 Station: XX-2017
2014-09-20 01:02:52.330 Q330 Serial Number: 0100000DB18FC351
2014-09-20 01:02:52.330 AMB Serial Number: 0100000B6909DD82
2014-09-20 01:02:52.330 Seismo 1 Serial Number: 0000000000000000
2014-09-20 01:02:52.330 Seismo 2 Serial Number: 0000000000000000
2014-09-20 01:02:52.330 QAPCHP 1 Serial Number: 4643206
2014-09-20 01:02:52.330 QAPCHP 2 Serial Number: 3743050
2014-09-20 01:02:52.330 KMI Property Tag Number: 2017
2014-09-20 01:02:52.330 System Software Version: 1.146
2014-09-20 01:02:52.330 Slave Processor Version: 1.11
2014-09-20 01:02:52.330 Calibrator Type: QCAL330
2014-09-20 01:02:52.330 Calibrator Version: 1.8
2014-09-20 01:02:52.330 Auxiliary Board Type: None
2014-09-20 01:02:52.330 Clock Type: Motorola M12
2014-09-20 01:02:52.330 PLD Version: 7.9
2014-09-20 01:02:52.330 Total Hours: 69149.56
2014-09-20 01:02:52.330 Power On Hours: 33779.94
2014-09-20 01:02:52.330 Time of Last Boot: 2014-04-06 02:03:58
2014-09-20 01:02:52.330 Total Number of Boots: 120
2014-09-20 01:02:52.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-20 01:02:52.330 Total Number of Re-Syncs: 213
2014-09-20 01:02:52.330 Status Inputs: 00000000
2014-09-20 01:02:52.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-20 01:02:52.330 Clock Quality: 100%
2014-09-20 01:02:52.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-20 01:02:52.330 Clock Phase: 0 usec. max allowed=50000
2014-09-20 01:02:52.330 Boom positions:
2014-09-20 01:02:52.330 Ch1: -2 Ch2: -13 Ch3: 19 Ch4: 20 Ch5: 20 Ch6: 20
2014-09-20 01:02:52.330 Analog Status
2014-09-20 01:02:52.330 Analog Positive Supply: 5.46V
2014-09-20 01:02:52.330 Input Voltage: 13.35V
2014-09-20 01:02:52.330 System Temperature: 5C
2014-09-20 01:02:52.330 Main Current: 61ma
2014-09-20 01:02:52.330 Antenna Current: 0ma
2014-09-20 01:02:52.330 GPS Status
2014-09-20 01:02:52.330 Time: 01:02:51

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2014-09-20 01:02:52.330 Date:
2014-09-20 01:02:52.330 Fix Type: 1-D
2014-09-20 01:02:52.330 Height:
2014-09-20 01:02:52.330 Latitude:
2014-09-20 01:02:52.330 Longitude:
2014-09-20 01:02:52.330 On Time: 0min
2014-09-20 01:02:52.330 Sat. Used: 0
2014-09-20 01:02:52.330 In View: 0
2014-09-20 01:02:52.330 Checksum Errors: 0
2014-09-20 01:02:52.330 Last GPS timemark: 2014-09-20 01:02:50
2014-09-20 01:02:52.330 PLL Status
2014-09-20 01:02:52.330 State: Lock
2014-09-20 01:02:52.330 Initial VCO: 2201.884521
2014-09-20 01:02:52.330 Time Error: 0.000000
2014-09-20 01:02:52.330 RMS VCO: 0.0000000
2014-09-20 01:02:52.330 Best VCO: 2201.87
2014-09-20 01:02:52.330 Seconds Since Track or Lock: 0.0
2014-09-20 01:02:52.330 Vco Control: 2202
2014-09-20 01:02:52.330 timing mode: external seascan
2014-09-20 01:02:52.330 tempco normal
2014-09-20 01:02:52.330 PLL update: 10s PLL lock criterion: 5us
2014-09-20 01:02:52.330 Pfrac: 150.00
2014-09-20 01:02:52.330 VCO slope: -0.0175000
2014-09-20 01:02:52.330 VCO intercept: 7.1100001
2014-09-20 01:02:52.330 Km delta: 600.0000000
2014-09-20 01:02:52.330 Logical Port 4 Status
2014-09-20 01:02:52.330 Data Packets Sent: 16169646
2014-09-20 01:02:52.330 Flood Packets Sent: 0
2014-09-20 01:02:52.330 Packets Re-Sent: 25758
2014-09-20 01:02:52.330 Sequence Errors: 0
2014-09-20 01:02:52.330 Packet Buffer Used: 23526200
2014-09-20 01:02:52.330 Physical Port: Ethernet
2014-09-20 01:02:52.330 Baler Model: 14 Software Version: 2.28
2014-09-20 01:02:52.330 MAC Address: 00:04:FB:00:02:EA
2014-09-20 01:02:52.330 Disk Size: 20000669696
2014-09-20 01:02:52.330 Percent of 1177 data files in use: 32.0
2014-09-20 01:02:52.330 Channels Enabled: 1234 Preamps ON channels:
2014-09-20 01:02:52.330 Channel Sensitivities (uV per count):
2014-09-20 01:02:52.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-20 01:02:52.330 Digitizer Calibration Results:
2014-09-20 01:02:52.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-20 01:02:52.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-20 01:02:52.330 DMU1 Software Version=10
2014-09-20 01:02:52.330 Supply Voltage=12.7
2014-09-20 01:02:52.330 Supply Current=0.41
2014-09-20 01:02:52.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-20 01:02:52.330 WebLink Data Maps Restored
2014-09-20 01:02:52.330 [2014-09-19 13:01:57.999998] sequence resumes: 14381827 to
14381827
2014-09-20 01:02:52.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-20 01:02:51
2014-09-20 01:08:14.970 [2014-09-20 00:00:00.000000] Saving Configuration to Backup
Memory
2014-09-20 01:08:14.970 [2014-09-20 01:02:57.000000] total packets received: 61901
2014-09-20 01:08:14.970 [2014-09-20 01:02:57.000000] command timeouts: 6
2014-09-20 01:08:14.970 [2014-09-20 01:02:57.000000] out of window: 68
2014-09-20 01:08:14.970 written: HHZ-1232 HH1-1515 HH2-1475 BDH-435 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-09-20 01:08:14.970 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-09-20 01:08:14.970 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-09-20 01:08:14.970 [2014-09-20 01:02:57.000000] Done: 4795 recs. seq end:
14425086. run: 345 s

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2014-09-20 13:09:35.370
2014-09-20 13:09:35.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-20 13:09:35.370 Control Port 2491 Opened
2014-09-20 13:09:35.370 Baler ready on Ethernet
2014-09-20 13:09:35.370 Power Cycled Baler Acknowledged
2014-09-20 13:09:35.370 Commands Accepted by Q330
2014-09-20 13:09:35.370 Access timeout: 300 sec
2014-09-20 13:09:35.370 Control Port 4023 Opened
2014-09-20 13:09:35.370 Data Port 4024 Opened
2014-09-20 13:09:35.370 Registered with Q330
2014-09-20 13:09:35.370 Combination Record Received
2014-09-20 13:09:35.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-20 13:09:35.370 Link Reset, starting window sequence: 42346
2014-09-20 13:09:35.370 GPS Receiver ID Received
2014-09-20 13:09:35.370 Manufacturer's Data Received, Property Tag=2017
2014-09-20 13:09:35.370 Digitizer Gain & Offsets Received
2014-09-20 13:09:35.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4795 recs.
seq end: 14425086
2014-09-20 13:09:35.370 Baler clock set to 2014-09-20 13:09:34
2014-09-20 13:09:35.370 Starting to Read DP Tokens
2014-09-20 13:09:35.370 DP Tokens loaded, size=1474 bytes
2014-09-20 13:09:35.370 webserver advertising 192.168.200.119:5380
2014-09-20 13:09:35.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-20 13:09:35.370 filters & delay HH1:2@100,Linear all=0.320000
2014-09-20 13:09:35.370 filters & delay HH2:3@100,Linear all=0.320000
2014-09-20 13:09:35.370 filters & delay BDH:4@20,Linear all=1.650000
2014-09-20 13:09:35.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-20 13:09:35.370 filters & delay LH1:2@1,Linear all=15.000000
2014-09-20 13:09:35.370 filters & delay LH2:3@1,Linear all=15.000000
2014-09-20 13:09:35.370 filters & delay LDH:4@1,Linear all=15.000000
2014-09-20 13:09:35.370 [2014-09-20 01:02:57.000000] restoring continuity
2014-09-20 13:09:35.370 Sending DT_OPEN
2014-09-20 13:09:35.370 Station: XX-2017
2014-09-20 13:09:35.370 Q330 Serial Number: 0100000DB18FC351
2014-09-20 13:09:35.370 AMB Serial Number: 0100000B6909DD82
2014-09-20 13:09:35.370 Seismo 1 Serial Number: 0000000000000000
2014-09-20 13:09:35.370 Seismo 2 Serial Number: 0000000000000000
2014-09-20 13:09:35.370 QAPCHP 1 Serial Number: 4643206
2014-09-20 13:09:35.370 QAPCHP 2 Serial Number: 3743050
2014-09-20 13:09:35.370 KMI Property Tag Number: 2017
2014-09-20 13:09:35.370 System Software Version: 1.146
2014-09-20 13:09:35.370 Slave Processor Version: 1.11
2014-09-20 13:09:35.370 Calibrator Type: QCAL330
2014-09-20 13:09:35.370 Calibrator Version: 1.8
2014-09-20 13:09:35.370 Auxiliary Board Type: None
2014-09-20 13:09:35.370 Clock Type: Motorola M12
2014-09-20 13:09:35.370 PLD Version: 7.9
2014-09-20 13:09:35.370 Total Hours: 69161.67
2014-09-20 13:09:35.370 Power On Hours: 33792.05
2014-09-20 13:09:35.370 Time of Last Boot: 2014-04-06 02:03:58
2014-09-20 13:09:35.370 Total Number of Boots: 120
2014-09-20 13:09:35.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-20 13:09:35.370 Total Number of Re-Syncs: 213
2014-09-20 13:09:35.370 Status Inputs: 00000000
2014-09-20 13:09:35.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-20 13:09:35.370 Clock Quality: 100%
2014-09-20 13:09:35.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-20 13:09:35.370 Clock Phase: 0 usec. max allowed=50000
2014-09-20 13:09:35.370 Boom positions:
2014-09-20 13:09:35.370 ch1: -2 ch2: -15 ch3: 20 ch4: 20 ch5: 20 ch6: 20
2014-09-20 13:09:35.370 Analog Status
2014-09-20 13:09:35.370 Analog Positive Supply: 5.46V
2014-09-20 13:09:35.370 Input voltage: 13.20V

```



S01\_messages.txt

2014-09-20 13:09:35.370 System Temperature: 5C  
 2014-09-20 13:09:35.370 Main Current: 61ma  
 2014-09-20 13:09:35.370 Antenna Current: 0ma  
 2014-09-20 13:09:35.370 GPS Status  
 2014-09-20 13:09:35.370 Time: 13:09:34  
 2014-09-20 13:09:35.370 Date:  
 2014-09-20 13:09:35.370 Fix Type: 1-D  
 2014-09-20 13:09:35.370 Height:  
 2014-09-20 13:09:35.370 Latitude:  
 2014-09-20 13:09:35.370 Longitude:  
 2014-09-20 13:09:35.370 On Time: 0min  
 2014-09-20 13:09:35.370 Sat. Used: 0  
 2014-09-20 13:09:35.370 In View: 0  
 2014-09-20 13:09:35.370 Checksum Errors: 0  
 2014-09-20 13:09:35.370 Last GPS timemark: 2014-09-20 13:09:33  
 2014-09-20 13:09:35.370 PLL Status  
 2014-09-20 13:09:35.370 State: Lock  
 2014-09-20 13:09:35.370 Initial VCO: 2201.730469  
 2014-09-20 13:09:35.370 Time Error: 0.000000  
 2014-09-20 13:09:35.370 RMS VCO: 0.000000  
 2014-09-20 13:09:35.370 Best VCO: 2201.78  
 2014-09-20 13:09:35.370 Seconds Since Track or Lock: 0.0  
 2014-09-20 13:09:35.370 Vco Control: 2202  
 2014-09-20 13:09:35.370 timing mode: external seascan  
 2014-09-20 13:09:35.370 tempco normal  
 2014-09-20 13:09:35.370 PLL update: 10s PLL lock criterion: 5us  
 2014-09-20 13:09:35.370 Pfrac: 150.00  
 2014-09-20 13:09:35.370 VCO slope: -0.0175000  
 2014-09-20 13:09:35.370 VCO intercept: 7.1100001  
 2014-09-20 13:09:35.370 km delta: 600.0000000  
 2014-09-20 13:09:35.370 Logical Port 4 Status  
 2014-09-20 13:09:35.370 Data Packets Sent: 16231448  
 2014-09-20 13:09:35.370 Flood Packets Sent: 0  
 2014-09-20 13:09:35.370 Packets Re-Sent: 25844  
 2014-09-20 13:09:35.370 Sequence Errors: 0  
 2014-09-20 13:09:35.370 Packet Buffer Used: 21595536  
 2014-09-20 13:09:35.370 Physical Port: Ethernet  
 2014-09-20 13:09:35.370 Baler Model: 14 Software Version: 2.28  
 2014-09-20 13:09:35.370 MAC Address: 00:04:FB:00:02:EA  
 2014-09-20 13:09:35.370 Disk Size: 20000669696  
 2014-09-20 13:09:35.370 Percent of 1177 data files in use: 32.3  
 2014-09-20 13:09:35.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-20 13:09:35.370 Channel Sensitivities (uV per count):  
 2014-09-20 13:09:35.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-20 13:09:35.370 Digitizer Calibration Results:  
 2014-09-20 13:09:35.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-20 13:09:35.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-20 13:09:35.370 DMU1 Software Version=10  
 2014-09-20 13:09:35.370 Supply Voltage=12.7  
 2014-09-20 13:09:35.370 Supply Current=0.41  
 2014-09-20 13:09:35.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-20 13:09:35.370 WebLink Data Maps Restored  
 2014-09-20 13:09:35.370 [2014-09-20 01:02:57.000000] sequence resumes: 14425086 to 14425086  
 2014-09-20 13:09:35.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-20 13:09:34  
 2014-09-20 13:11:00.450 Reducing Status Polling Interval  
 2014-09-20 13:14:55.480 [2014-09-20 13:11:06.000000] total packets received: 44894  
 2014-09-20 13:14:55.480 [2014-09-20 13:11:06.000000] command timeouts: 6  
 2014-09-20 13:14:55.480 [2014-09-20 13:11:06.000000] out of window: 60  
 2014-09-20 13:14:55.480 written: HHZ-1137 HH1-1287 HH2-1329 BDH-442 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-20 13:14:55.480 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24

S01\_messages.txt

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VMZ-2 VM1-2
2014-09-20 13:14:55.480 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1
2014-09-20 13:14:55.480 [2014-09-20 13:11:06.000000] Done: 4335 recs. seq end:
14468775. run: 315 s
2014-09-21 01:15:47.330
2014-09-21 01:15:47.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-21 01:15:47.330 Control Port 2491 Opened
2014-09-21 01:15:47.330 Baler ready on Ethernet
2014-09-21 01:15:47.330 Power Cycled Baler Acknowledged
2014-09-21 01:15:47.330 Commands Accepted by Q330
2014-09-21 01:15:47.330 Access timeout: 300 sec
2014-09-21 01:15:47.330 Control Port 4023 Opened
2014-09-21 01:15:47.330 Data Port 4024 Opened
2014-09-21 01:15:47.330 Registered with Q330
2014-09-21 01:15:47.330 Combination Record Received
2014-09-21 01:15:47.330 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-21 01:15:47.330 Link Reset, starting window sequence: 21575
2014-09-21 01:15:47.330 GPS Receiver ID Received
2014-09-21 01:15:47.330 Manufacturer's Data Received, Property Tag=2017
2014-09-21 01:15:47.330 Digitizer Gain & Offsets Received
2014-09-21 01:15:47.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4335 recs.
seq end: 14468775
2014-09-21 01:15:47.330 Baler clock set to 2014-09-21 01:15:46
2014-09-21 01:15:47.330 Starting to Read DP Tokens
2014-09-21 01:15:47.330 DP Tokens loaded, size=1474 bytes
2014-09-21 01:15:47.330 webserver advertising 192.168.200.119:5380
2014-09-21 01:15:47.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-21 01:15:47.330 filters & delay HH1:2@100,Linear all=0.320000
2014-09-21 01:15:47.330 filters & delay HH2:3@100,Linear all=0.320000
2014-09-21 01:15:47.330 filters & delay BDH:4@20,Linear all=1.650000
2014-09-21 01:15:47.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-21 01:15:47.330 filters & delay LH1:2@1,Linear all=15.000000
2014-09-21 01:15:47.330 filters & delay LH2:3@1,Linear all=15.000000
2014-09-21 01:15:47.330 filters & delay LDH:4@1,Linear all=15.000000
2014-09-21 01:15:47.330 [2014-09-20 13:11:06.000000] continuity found: 14468775
464533866.000000 Q=100
2014-09-21 01:15:47.330 [2014-09-20 13:11:06.000000] restoring continuity
2014-09-21 01:15:47.330 Sending DT_OPEN
2014-09-21 01:15:47.330 Station: XX-2017
2014-09-21 01:15:47.330 Q330 Serial Number: 0100000DB18FC351
2014-09-21 01:15:47.330 AMB Serial Number: 0100000B6909DD82
2014-09-21 01:15:47.330 Seismo 1 Serial Number: 0000000000000000
2014-09-21 01:15:47.330 Seismo 2 Serial Number: 0000000000000000
2014-09-21 01:15:47.330 QAPCHP 1 Serial Number: 4643206
2014-09-21 01:15:47.330 QAPCHP 2 Serial Number: 3743050
2014-09-21 01:15:47.330 KMI Property Tag Number: 2017
2014-09-21 01:15:47.330 System Software Version: 1.146
2014-09-21 01:15:47.330 Slave Processor Version: 1.11
2014-09-21 01:15:47.330 Calibrator Type: QCAL330
2014-09-21 01:15:47.330 Calibrator Version: 1.8
2014-09-21 01:15:47.330 Auxiliary Board Type: None
2014-09-21 01:15:47.330 Clock Type: Motorola M12
2014-09-21 01:15:47.330 PLD Version: 7.9
2014-09-21 01:15:47.330 Total Hours: 69173.77
2014-09-21 01:15:47.330 Power On Hours: 33804.16
2014-09-21 01:15:47.330 Time of Last Boot: 2014-04-06 02:03:58
2014-09-21 01:15:47.330 Total Number of Boots: 120
2014-09-21 01:15:47.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-21 01:15:47.330 Total Number of Re-Syncs: 213
2014-09-21 01:15:47.330 Status Inputs: 00000000
2014-09-21 01:15:47.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-21 01:15:47.330 Clock quality: 100%
2014-09-21 01:15:47.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

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2014-09-21 01:15:47.330 Clock Phase: 0 usec. max allowed=50000
2014-09-21 01:15:47.330 Boom positions:
2014-09-21 01:15:47.330 Ch1: -2 ch2: -15 ch3: 20 ch4: 20 ch5: 20 ch6: 20
2014-09-21 01:15:47.330 Analog Status
2014-09-21 01:15:47.330 Analog Positive Supply: 5.44v
2014-09-21 01:15:47.330 Input Voltage: 13.20V
2014-09-21 01:15:47.330 System Temperature: 5C
2014-09-21 01:15:47.330 Main Current: 63ma
2014-09-21 01:15:47.330 Antenna Current: 0ma
2014-09-21 01:15:47.330 GPS Status
2014-09-21 01:15:47.330 Time: 01:15:46
2014-09-21 01:15:47.330 Date:
2014-09-21 01:15:47.330 Fix Type: 1-D
2014-09-21 01:15:47.330 Height:
2014-09-21 01:15:47.330 Latitude:
2014-09-21 01:15:47.330 Longitude:
2014-09-21 01:15:47.330 On Time: 0min
2014-09-21 01:15:47.330 Sat. Used: 0
2014-09-21 01:15:47.330 In View: 0
2014-09-21 01:15:47.330 Checksum Errors: 0
2014-09-21 01:15:47.330 Last GPS timemark: 2014-09-21 01:15:45
2014-09-21 01:15:47.330 PLL Status
2014-09-21 01:15:47.330 State: Lock
2014-09-21 01:15:47.330 Initial VCO: 2201.734375
2014-09-21 01:15:47.330 Time Error: 0.000000
2014-09-21 01:15:47.330 RMS VCO: 0.000000
2014-09-21 01:15:47.330 Best VCO: 2201.77
2014-09-21 01:15:47.330 Seconds Since Track or Lock: 0.0
2014-09-21 01:15:47.330 Vco Control: 2202
2014-09-21 01:15:47.330 timing mode: external seascan
2014-09-21 01:15:47.330 tempco normal
2014-09-21 01:15:47.330 PLL update: 10s PLL lock criterion: 5us
2014-09-21 01:15:47.330 Pfrac: 150.00
2014-09-21 01:15:47.330 VCO slope: -0.0175000
2014-09-21 01:15:47.330 VCO intercept: 7.1100001
2014-09-21 01:15:47.330 km delta: 600.0000000
2014-09-21 01:15:47.330 Logical Port 4 Status
2014-09-21 01:15:47.330 Data Packets Sent: 16276218
2014-09-21 01:15:47.330 Flood Packets Sent: 0
2014-09-21 01:15:47.330 Packets Re-Sent: 25921
2014-09-21 01:15:47.330 Sequence Errors: 0
2014-09-21 01:15:47.330 Packet Buffer Used: 23148664
2014-09-21 01:15:47.330 Physical Port: Ethernet
2014-09-21 01:15:47.330 Baler Model: 14 Software Version: 2.28
2014-09-21 01:15:47.330 MAC Address: 00:04:FB:00:02:EA
2014-09-21 01:15:47.330 Disk Size: 20000669696
2014-09-21 01:15:47.330 Percent of 1177 data files in use: 32.3
2014-09-21 01:15:47.330 Channels Enabled: 1234 Preamps ON channels:
2014-09-21 01:15:47.330 Channel Sensitivities (uV per count):
2014-09-21 01:15:47.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-21 01:15:47.330 Digitizer Calibration Results:
2014-09-21 01:15:47.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-21 01:15:47.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-21 01:15:47.330 DMU1 Software Version=10
2014-09-21 01:15:47.330 Supply voltage=12.7
2014-09-21 01:15:47.330 Supply Current=0.40
2014-09-21 01:15:47.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-21 01:15:47.330 webLink Data Maps Restored
2014-09-21 01:15:47.330 [2014-09-20 13:11:06.000000] sequence resumes: 14468775 to
14468775
2014-09-21 01:20:55.790 [2014-09-21 00:00:00.000000] Saving Configuration to Backup
Memory
2014-09-21 01:20:55.790 Reducing Status Polling Interval

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S01_messages.txt
2014-09-21 01:20:55.790 [2014-09-21 01:21:29.999998] total packets received: 56308
2014-09-21 01:20:55.790 [2014-09-21 01:21:29.999998] command timeouts: 6
2014-09-21 01:20:55.790 [2014-09-21 01:21:29.999998] out of window: 61
2014-09-21 01:20:55.790 written: HHZ-1231 HH1-1405 HH2-1508 BDH-449 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-09-21 01:20:55.790 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-26
VMZ-2 VM1-2
2014-09-21 01:20:55.790 written: VM2-2 LOG-2 ACE-2 OCF-2
2014-09-21 01:20:55.790 [2014-09-21 01:21:29.999998] Done: 4738 recs. seq end:
14512599. run: 340 s
2014-09-21 13:22:25.380
2014-09-21 13:22:25.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-21 13:22:25.380 Control Port 2491 Opened
2014-09-21 13:22:25.380 Baler ready on Ethernet
2014-09-21 13:22:25.380 Power Cycled Baler Acknowledged
2014-09-21 13:22:25.380 Commands Accepted by Q330
2014-09-21 13:22:25.380 Access timeout: 300 sec
2014-09-21 13:22:25.380 Control Port 4023 Opened
2014-09-21 13:22:25.380 Data Port 4024 Opened
2014-09-21 13:22:25.380 Registered with Q330
2014-09-21 13:22:25.380 Combination Record Received
2014-09-21 13:22:25.380 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-21 13:22:25.380 Link Reset, starting window sequence: 12250
2014-09-21 13:22:25.380 GPS Receiver ID Received
2014-09-21 13:22:25.380 Manufacturer's Data Received, Property Tag=2017
2014-09-21 13:22:25.380 Digitizer Gain & Offsets Received
2014-09-21 13:22:25.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4738 recs.
seq end: 14512599
2014-09-21 13:22:25.380 Baler clock set to 2014-09-21 13:22:24
2014-09-21 13:22:25.380 Starting to Read DP Tokens
2014-09-21 13:22:25.380 DP Tokens loaded, size=1474 bytes
2014-09-21 13:22:25.380 webserver advertising 192.168.200.119:5380
2014-09-21 13:22:25.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-21 13:22:25.380 filters & delay HH1:2@100,Linear all=0.320000
2014-09-21 13:22:25.380 filters & delay HH2:3@100,Linear all=0.320000
2014-09-21 13:22:25.380 filters & delay BDH:4@20,Linear all=1.650000
2014-09-21 13:22:25.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-21 13:22:25.380 filters & delay LH1:2@1,Linear all=15.000000
2014-09-21 13:22:25.380 filters & delay LH2:3@1,Linear all=15.000000
2014-09-21 13:22:25.380 filters & delay LDH:4@1,Linear all=15.000000
2014-09-21 13:22:25.380 [2014-09-21 01:21:29.999998] continuity found: 14512599
464577690.000000 Q=100
2014-09-21 13:22:25.380 [2014-09-21 01:21:29.999998] restoring continuity
2014-09-21 13:22:25.380 Sending DT_OPEN
2014-09-21 13:22:25.380 Station: XX-2017
2014-09-21 13:22:25.380 Q330 Serial Number: 0100000DB18FC351
2014-09-21 13:22:25.380 AMB Serial Number: 0100000B6909DD82
2014-09-21 13:22:25.380 Seismo 1 Serial Number: 0000000000000000
2014-09-21 13:22:25.380 Seismo 2 Serial Number: 0000000000000000
2014-09-21 13:22:25.380 QAPCHP 1 Serial Number: 4643206
2014-09-21 13:22:25.380 QAPCHP 2 Serial Number: 3743050
2014-09-21 13:22:25.380 KMI Property Tag Number: 2017
2014-09-21 13:22:25.380 System Software Version: 1.146
2014-09-21 13:22:25.380 Slave Processor Version: 1.11
2014-09-21 13:22:25.380 Calibrator Type: QCAL330
2014-09-21 13:22:25.380 Calibrator Version: 1.8
2014-09-21 13:22:25.380 Auxiliary Board Type: None
2014-09-21 13:22:25.380 Clock Type: Motorola M12
2014-09-21 13:22:25.380 PLD Version: 7.9
2014-09-21 13:22:25.380 Total Hours: 69185.88
2014-09-21 13:22:25.380 Power On Hours: 33816.27
2014-09-21 13:22:25.380 Time of Last Boot: 2014-04-06 02:03:58
2014-09-21 13:22:25.380 Total Number of Boots: 120

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2014-09-21 13:22:25.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-21 13:22:25.380 Total Number of Re-Syncs: 213  
 2014-09-21 13:22:25.380 Status Inputs: 00000000  
 2014-09-21 13:22:25.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-21 13:22:25.380 Clock Quality: 100%  
 2014-09-21 13:22:25.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-21 13:22:25.380 Clock Phase: 0 usec. max allowed=50000  
 2014-09-21 13:22:25.380 Boom positions:  
 2014-09-21 13:22:25.380 Ch1: -2 Ch2: -16 Ch3: 22 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-21 13:22:25.380 Analog Status  
 2014-09-21 13:22:25.380 Analog Positive Supply: 5.46V  
 2014-09-21 13:22:25.380 Input Voltage: 13.20V  
 2014-09-21 13:22:25.380 System Temperature: 5C  
 2014-09-21 13:22:25.380 Main Current: 62ma  
 2014-09-21 13:22:25.380 Antenna Current: 0ma  
 2014-09-21 13:22:25.380 GPS Status  
 2014-09-21 13:22:25.380 Time: 13:22:24  
 2014-09-21 13:22:25.380 Date:  
 2014-09-21 13:22:25.380 Fix Type: 1-D  
 2014-09-21 13:22:25.380 Height:  
 2014-09-21 13:22:25.380 Latitude:  
 2014-09-21 13:22:25.380 Longitude:  
 2014-09-21 13:22:25.380 On Time: 0min  
 2014-09-21 13:22:25.380 Sat. Used: 0  
 2014-09-21 13:22:25.380 In View: 0  
 2014-09-21 13:22:25.380 Checksum Errors: 0  
 2014-09-21 13:22:25.380 Last GPS timemark: 2014-09-21 13:22:23  
 2014-09-21 13:22:25.380 PLL Status  
 2014-09-21 13:22:25.380 State: Lock  
 2014-09-21 13:22:25.380 Initial VCO: 2201.957275  
 2014-09-21 13:22:25.380 Time Error: 0.000000  
 2014-09-21 13:22:25.380 RMS VCO: 0.000000  
 2014-09-21 13:22:25.380 Best VCO: 2202.01  
 2014-09-21 13:22:25.380 Seconds Since Track or Lock: 0.0  
 2014-09-21 13:22:25.380 Vco Control: 2202  
 2014-09-21 13:22:25.380 timing mode: external seascan  
 2014-09-21 13:22:25.380 tempco normal  
 2014-09-21 13:22:25.380 PLL update: 10s PLL lock criterion: 5us  
 2014-09-21 13:22:25.380 Pfrac: 150.00  
 2014-09-21 13:22:25.380 VCO slope: -0.0175000  
 2014-09-21 13:22:25.380 VCO intercept: 7.1100001  
 2014-09-21 13:22:25.380 Km delta: 600.000000  
 2014-09-21 13:22:25.380 Logical Port 4 Status  
 2014-09-21 13:22:25.380 Data Packets Sent: 16332434  
 2014-09-21 13:22:25.380 Flood Packets Sent: 0  
 2014-09-21 13:22:25.380 Packets Re-Sent: 25998  
 2014-09-21 13:22:25.380 Sequence Errors: 0  
 2014-09-21 13:22:25.380 Packet Buffer Used: 24176516  
 2014-09-21 13:22:25.380 Physical Port: Ethernet  
 2014-09-21 13:22:25.380 Baler Model: 14 Software Version: 2.28  
 2014-09-21 13:22:25.380 MAC Address: 00:04:FB:00:02:EA  
 2014-09-21 13:22:25.380 Disk Size: 20000669696  
 2014-09-21 13:22:25.380 Percent of 1177 data files in use: 32.3  
 2014-09-21 13:22:25.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-21 13:22:25.380 Channel Sensitivities (uV per count):  
 2014-09-21 13:22:25.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-21 13:22:25.380 Digitizer Calibration Results:  
 2014-09-21 13:22:25.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-21 13:22:25.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-21 13:22:25.380 DMU1 Software Version=10  
 2014-09-21 13:22:25.380 Supply Voltage=12.7  
 2014-09-21 13:22:25.380 Supply Current=0.41  
 2014-09-21 13:22:25.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A

S01\_messages.txt

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2014-09-21 13:22:25.380 WebLink Data Maps Restored
2014-09-21 13:22:25.380 [2014-09-21 01:21:29.999998] sequence resumes: 14512599 to
14512599
2014-09-21 13:22:25.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-21 13:22:24
2014-09-21 13:28:32.990 Reducing Status Polling Interval
2014-09-21 13:28:32.990 [2014-09-21 13:28:31.999998] total packets received: 69277
2014-09-21 13:28:32.990 [2014-09-21 13:28:31.999998] command timeouts: 6
2014-09-21 13:28:32.990 [2014-09-21 13:28:31.999998] out of window: 70
2014-09-21 13:28:32.990 written: HHZ-1307 HH1-1520 HH2-1564 BDH-457 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-09-21 13:28:32.990 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-27 LH2-27 LDH-36
VMZ-1 VM1-1
2014-09-21 13:28:32.990 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-09-21 13:28:32.990 [2014-09-21 13:28:31.999998] Done: 5003 recs. seq end:
14556221. run: 364 s
2014-09-22 01:29:25.390
2014-09-22 01:29:25.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-22 01:29:25.390 Control Port 2491 Opened
2014-09-22 01:29:25.390 Baler ready on Ethernet
2014-09-22 01:29:25.390 Power Cycled Baler Acknowledged
2014-09-22 01:29:25.390 Commands Accepted by Q330
2014-09-22 01:29:25.390 Access timeout: 300 sec
2014-09-22 01:29:25.390 Control Port 4023 Opened
2014-09-22 01:29:25.390 Data Port 4024 Opened
2014-09-22 01:29:25.390 Registered with Q330
2014-09-22 01:29:25.390 Combination Record Received
2014-09-22 01:29:25.390 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-22 01:29:25.390 Link Reset, starting window sequence: 15883
2014-09-22 01:29:25.390 GPS Receiver ID Received
2014-09-22 01:29:25.390 Manufacturer's Data Received, Property Tag=2017
2014-09-22 01:29:25.390 Digitizer Gain & Offsets Received
2014-09-22 01:29:25.390 Msg From 192.168.200.119:Baler XX-2017 readback. 5003 recs.
seq end: 14556221
2014-09-22 01:29:25.390 Baler clock set to 2014-09-22 01:29:24
2014-09-22 01:29:25.390 Starting to Read DP Tokens
2014-09-22 01:29:25.390 DP Tokens loaded, size=1474 bytes
2014-09-22 01:29:25.390 Webserver advertising 192.168.200.119:5380
2014-09-22 01:29:25.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-22 01:29:25.390 filters & delay HH1:2@100,Linear all=0.320000
2014-09-22 01:29:25.390 filters & delay HH2:3@100,Linear all=0.320000
2014-09-22 01:29:25.390 filters & delay BDH:4@20,Linear all=1.650000
2014-09-22 01:29:25.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-22 01:29:25.390 filters & delay LH1:2@1,Linear all=15.000000
2014-09-22 01:29:25.390 filters & delay LH2:3@1,Linear all=15.000000
2014-09-22 01:29:25.390 filters & delay LDH:4@1,Linear all=15.000000
2014-09-22 01:29:25.390 [2014-09-21 13:28:31.999998] continuity found: 14556221
464621312.000000 Q=100
2014-09-22 01:29:25.390 [2014-09-21 13:28:31.999998] restoring continuity
2014-09-22 01:29:25.390 Sending DT_OPEN
2014-09-22 01:29:25.390 Station: XX-2017
2014-09-22 01:29:25.390 Q330 Serial Number: 0100000DB18FC351
2014-09-22 01:29:25.390 AMB Serial Number: 0100000B6909DD82
2014-09-22 01:29:25.390 Seismo 1 Serial Number: 0000000000000000
2014-09-22 01:29:25.390 Seismo 2 Serial Number: 0000000000000000
2014-09-22 01:29:25.390 QAPCHP 1 Serial Number: 4643206
2014-09-22 01:29:25.390 QAPCHP 2 Serial Number: 3743050
2014-09-22 01:29:25.390 KMI Property Tag Number: 2017
2014-09-22 01:29:25.390 System Software Version: 1.146
2014-09-22 01:29:25.390 Slave Processor Version: 1.11
2014-09-22 01:29:25.390 Calibrator Type: QCAL330
2014-09-22 01:29:25.390 Calibrator Version: 1.8
2014-09-22 01:29:25.390 Auxiliary Board Type: None

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2014-09-22 01:29:25.390 Clock Type: Motorola M12  
 2014-09-22 01:29:25.390 PLD Version: 7.9  
 2014-09-22 01:29:25.390 Total Hours: 69198.00  
 2014-09-22 01:29:25.390 Power On Hours: 33828.38  
 2014-09-22 01:29:25.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-22 01:29:25.390 Total Number of Boots: 120  
 2014-09-22 01:29:25.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-22 01:29:25.390 Total Number of Re-Syncs: 213  
 2014-09-22 01:29:25.390 Status Inputs: 00000000  
 2014-09-22 01:29:25.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-22 01:29:25.390 Clock Quality: 100%  
 2014-09-22 01:29:25.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-22 01:29:25.390 Clock Phase: 0 usec. max allowed=50000  
 2014-09-22 01:29:25.390 Boom positions:  
 2014-09-22 01:29:25.390 ch1: -2 ch2: -18 ch3: 24 ch4: 20 ch5: 20 ch6: 20  
 2014-09-22 01:29:25.390 Analog Status  
 2014-09-22 01:29:25.390 Analog Positive Supply: 5.46V  
 2014-09-22 01:29:25.390 Input Voltage: 13.20V  
 2014-09-22 01:29:25.390 System Temperature: 5C  
 2014-09-22 01:29:25.390 Main Current: 62ma  
 2014-09-22 01:29:25.390 GPS Status  
 2014-09-22 01:29:25.390 Time: 01:29:24  
 2014-09-22 01:29:25.390 Date:  
 2014-09-22 01:29:25.390 Fix Type: 1-D  
 2014-09-22 01:29:25.390 Height:  
 2014-09-22 01:29:25.390 Latitude:  
 2014-09-22 01:29:25.390 Longitude:  
 2014-09-22 01:29:25.390 On Time: 0min  
 2014-09-22 01:29:25.390 Sat. Used: 0  
 2014-09-22 01:29:25.390 In View: 0  
 2014-09-22 01:29:25.390 Checksum Errors: 0  
 2014-09-22 01:29:25.390 Last GPS timemark: 2014-09-22 01:29:23  
 2014-09-22 01:29:25.390 PLL Status  
 2014-09-22 01:29:25.390 State: Lock  
 2014-09-22 01:29:25.390 Initial VCO: 2201.913086  
 2014-09-22 01:29:25.390 Time Error: 0.000000  
 2014-09-22 01:29:25.390 RMS VCO: 0.000000  
 2014-09-22 01:29:25.390 Best VCO: 2201.94  
 2014-09-22 01:29:25.390 Seconds Since Track or Lock: 0.0  
 2014-09-22 01:29:25.390 Vco Control: 2202  
 2014-09-22 01:29:25.390 timing mode: external seascan  
 2014-09-22 01:29:25.390 tempco normal  
 2014-09-22 01:29:25.390 PLL update: 10s PLL lock criterion: 5us  
 2014-09-22 01:29:25.390 Pfrac: 150.00  
 2014-09-22 01:29:25.390 VCO slope: -0.0175000  
 2014-09-22 01:29:25.390 VCO intercept: 7.1100001  
 2014-09-22 01:29:25.390 Km delta: 600.000000  
 2014-09-22 01:29:25.390 Logical Port 4 Status  
 2014-09-22 01:29:25.390 Data Packets Sent: 16401609  
 2014-09-22 01:29:25.390 Flood Packets Sent: 0  
 2014-09-22 01:29:25.390 Packets Re-Sent: 26082  
 2014-09-22 01:29:25.390 Sequence Errors: 0  
 2014-09-22 01:29:25.390 Packet Buffer Used: 24817452  
 2014-09-22 01:29:25.390 Physical Port: Ethernet  
 2014-09-22 01:29:25.390 Baler Model: 14 Software Version: 2.28  
 2014-09-22 01:29:25.390 MAC Address: 00:04:FB:00:02:EA  
 2014-09-22 01:29:25.390 Disk Size: 20000669696  
 2014-09-22 01:29:25.390 Percent of 1177 data files in use: 32.5  
 2014-09-22 01:29:25.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-22 01:29:25.390 Channel Sensitivities (uV per count):  
 2014-09-22 01:29:25.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-22 01:29:25.390 Digitizer Calibration Results:  
 2014-09-22 01:29:25.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%

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2014-09-22 01:29:25.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-22 01:29:25.390 DMU1 Software Version=10
2014-09-22 01:29:25.390 Supply Voltage=12.7
2014-09-22 01:29:25.390 Supply Current=0.40
2014-09-22 01:29:25.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-22 01:29:25.390 WebLink Data Maps Restored
2014-09-22 01:29:25.390 [2014-09-21 13:28:31.999998] sequence resumes: 14556221 to
14556221
2014-09-22 01:29:25.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-22 01:29:24
2014-09-22 01:35:02.800 [2014-09-21 23:59:59.999998] Saving Configuration to Backup
Memory
2014-09-22 01:35:02.800 [2014-09-22 01:33:21.000000] total packets received: 78747
2014-09-22 01:35:02.800 [2014-09-22 01:33:21.000000] command timeouts: 6
2014-09-22 01:35:02.800 [2014-09-22 01:33:21.000000] out of window: 90
2014-09-22 01:35:02.800 written: HHZ-1356 HH1-1590 HH2-1571 BDH-460 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-22 01:35:02.800 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-34 LH2-33 LDH-43
VMZ-2 VM1-2
2014-09-22 01:35:02.800 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-09-22 01:35:02.800 [2014-09-22 01:33:21.000000] Done: 5157 recs. seq end:
14599710. run: 385 s
2014-09-22 13:36:44.410
2014-09-22 13:36:44.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-22 13:36:44.410 Control Port 2491 Opened
2014-09-22 13:36:44.410 Baler ready on Ethernet
2014-09-22 13:36:44.410 Power Cycled Baler Acknowledged
2014-09-22 13:36:44.410 Commands Accepted by Q330
2014-09-22 13:36:44.410 Access timeout: 300 sec
2014-09-22 13:36:44.410 Control Port 4023 Opened
2014-09-22 13:36:44.410 Data Port 4024 Opened
2014-09-22 13:36:44.410 Registered with Q330
2014-09-22 13:36:44.410 Combination Record Received
2014-09-22 13:36:44.410 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-22 13:36:44.410 Link Reset, starting window sequence: 28965
2014-09-22 13:36:44.410 GPS Receiver ID Received
2014-09-22 13:36:44.410 Manufacturer's Data Received, Property Tag=2017
2014-09-22 13:36:44.410 Digitizer Gain & Offsets Received
2014-09-22 13:36:44.410 Msg From 192.168.200.119:Baler XX-2017 readback. 5157 recs.
seq end: 14599710
2014-09-22 13:36:44.410 Baler clock set to 2014-09-22 13:36:43
2014-09-22 13:36:44.410 Starting to Read DP Tokens
2014-09-22 13:36:44.410 DP Tokens loaded, size=1474 bytes
2014-09-22 13:36:44.410 webserver advertising 192.168.200.119:5380
2014-09-22 13:36:44.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-22 13:36:44.410 filters & delay HH1:2@100,Linear all=0.320000
2014-09-22 13:36:44.410 filters & delay HH2:3@100,Linear all=0.320000
2014-09-22 13:36:44.410 filters & delay BDH:4@20,Linear all=1.650000
2014-09-22 13:36:44.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-22 13:36:44.410 filters & delay LH1:2@1,Linear all=15.000000
2014-09-22 13:36:44.410 filters & delay LH2:3@1,Linear all=15.000000
2014-09-22 13:36:44.410 filters & delay LDH:4@1,Linear all=15.000000
2014-09-22 13:36:44.410 [2014-09-22 01:33:21.000000] continuity found: 14599710
464664801.000000 Q=100
2014-09-22 13:36:44.410 [2014-09-22 01:33:21.000000] restoring continuity
2014-09-22 13:36:44.410 Sending DT_OPEN
2014-09-22 13:36:44.410 Station: XX-2017
2014-09-22 13:36:44.410 Q330 Serial Number: 0100000DB18FC351
2014-09-22 13:36:44.410 AMB Serial Number: 0100000B6909DD82
2014-09-22 13:36:44.410 Seismo 1 Serial Number: 0000000000000000
2014-09-22 13:36:44.410 Seismo 2 Serial Number: 0000000000000000
2014-09-22 13:36:44.410 QAPCHP 1 Serial Number: 4643206
2014-09-22 13:36:44.410 QAPCHP 2 Serial Number: 3743050

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2014-09-22 13:36:44.410 KMI Property Tag Number: 2017  
 2014-09-22 13:36:44.410 System Software Version: 1.146  
 2014-09-22 13:36:44.410 Slave Processor Version: 1.11  
 2014-09-22 13:36:44.410 Calibrator Type: QCAL330  
 2014-09-22 13:36:44.410 Calibrator Version: 1.8  
 2014-09-22 13:36:44.410 Auxiliary Board Type: None  
 2014-09-22 13:36:44.410 Clock Type: Motorola M12  
 2014-09-22 13:36:44.410 PLD Version: 7.9  
 2014-09-22 13:36:44.410 Total Hours: 69210.12  
 2014-09-22 13:36:44.410 Power On Hours: 33840.51  
 2014-09-22 13:36:44.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-22 13:36:44.410 Total Number of Boots: 120  
 2014-09-22 13:36:44.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-22 13:36:44.410 Total Number of Re-Syncs: 213  
 2014-09-22 13:36:44.410 Status Inputs: 00000000  
 2014-09-22 13:36:44.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-09-22 13:36:44.410 Clock Quality: 100%  
 2014-09-22 13:36:44.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-22 13:36:44.410 Clock Phase: -2 usec. max allowed=50000  
 2014-09-22 13:36:44.410 Boom positions:  
 2014-09-22 13:36:44.410 ch1: -2 ch2: -19 ch3: 25 ch4: 20 ch5: 20 ch6: 20  
 2014-09-22 13:36:44.410 Analog Status  
 2014-09-22 13:36:44.410 Analog Positive Supply: 5.46V  
 2014-09-22 13:36:44.410 Input Voltage: 13.20V  
 2014-09-22 13:36:44.410 System Temperature: 5C  
 2014-09-22 13:36:44.410 Main Current: 62ma  
 2014-09-22 13:36:44.410 Antenna Current: 0ma  
 2014-09-22 13:36:44.410 GPS Status  
 2014-09-22 13:36:44.410 Time: 13:36:44  
 2014-09-22 13:36:44.410 Date:  
 2014-09-22 13:36:44.410 Fix Type: 1-D  
 2014-09-22 13:36:44.410 Height:  
 2014-09-22 13:36:44.410 Latitude:  
 2014-09-22 13:36:44.410 Longitude:  
 2014-09-22 13:36:44.410 On Time: 0min  
 2014-09-22 13:36:44.410 Sat. Used: 0  
 2014-09-22 13:36:44.410 In View: 0  
 2014-09-22 13:36:44.410 Checksum Errors: 0  
 2014-09-22 13:36:44.410 Last GPS timemark: 2014-09-22 13:36:43  
 2014-09-22 13:36:44.410 PLL Status  
 2014-09-22 13:36:44.410 State: Lock  
 2014-09-22 13:36:44.410 Initial VCO: 2201.868408  
 2014-09-22 13:36:44.410 Time Error: 0.000000  
 2014-09-22 13:36:44.410 RMS VCO: 0.000000  
 2014-09-22 13:36:44.410 Best VCO: 2202.04  
 2014-09-22 13:36:44.410 Seconds Since Track or Lock: 0.0  
 2014-09-22 13:36:44.410 Vco Control: 2202  
 2014-09-22 13:36:44.410 timing mode: external seascan  
 2014-09-22 13:36:44.410 tempco normal  
 2014-09-22 13:36:44.410 PLL update: 10s PLL lock criterion: 5us  
 2014-09-22 13:36:44.410 Pfrac: 150.00  
 2014-09-22 13:36:44.410 VCO slope: -0.0175000  
 2014-09-22 13:36:44.410 VCO intercept: 7.1100001  
 2014-09-22 13:36:44.410 Km delta: 600.0000000  
 2014-09-22 13:36:44.410 Logical Port 4 Status  
 2014-09-22 13:36:44.410 Data Packets Sent: 16480233  
 2014-09-22 13:36:44.410 Flood Packets Sent: 0  
 2014-09-22 13:36:44.410 Packets Re-Sent: 26187  
 2014-09-22 13:36:44.410 Sequence Errors: 0  
 2014-09-22 13:36:44.410 Packet Buffer Used: 23878408  
 2014-09-22 13:36:44.410 Physical Port: Ethernet  
 2014-09-22 13:36:44.410 Baler Model: 14 Software Version: 2.28  
 2014-09-22 13:36:44.410 MAC Address: 00:04:FB:00:02:EA

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2014-09-22 13:36:44.410 Disk Size: 20000669696
2014-09-22 13:36:44.410 Percent of 1177 data files in use: 32.5
2014-09-22 13:36:44.410 Channels Enabled: 1234 Preamps ON channels:
2014-09-22 13:36:44.410 Channel Sensitivities (uV per count):
2014-09-22 13:36:44.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-22 13:36:44.410 Digitizer Calibration Results:
2014-09-22 13:36:44.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-22 13:36:44.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-22 13:36:44.410 DMU1 Software Version=10
2014-09-22 13:36:44.410 Supply Voltage=12.7
2014-09-22 13:36:44.410 Supply Current=0.40
2014-09-22 13:36:44.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-22 13:36:44.410 WebLink Data Maps Restored
2014-09-22 13:36:44.410 [2014-09-22 01:33:21.000000] sequence resumes: 14599710 to
14599710
2014-09-22 13:36:44.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-22 13:36:43
2014-09-22 13:42:44.120 Reducing Status Polling Interval
2014-09-22 13:42:44.120 [2014-09-22 13:42:44.999998] total packets received: 67799
2014-09-22 13:42:44.120 [2014-09-22 13:42:44.999998] command timeouts: 6
2014-09-22 13:42:44.120 [2014-09-22 13:42:44.999998] out of window: 60
2014-09-22 13:42:44.120 written: HHZ-1302 HH1-1542 HH2-1466 BDH-460 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-22 13:42:44.120 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-28 LH2-29 LDH-38
VMZ-2 VM1-2
2014-09-22 13:42:44.120 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-09-22 13:42:44.120 [2014-09-22 13:42:44.999998] Done: 4936 recs. seq end:
14643474. run: 357 s
2014-09-23 01:43:40.420
2014-09-23 01:43:40.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-23 01:43:40.420 Control Port 2491 Opened
2014-09-23 01:43:40.420 Baler ready on Ethernet
2014-09-23 01:43:40.420 Power Cycled Baler Acknowledged
2014-09-23 01:43:40.420 Commands Accepted by Q330
2014-09-23 01:43:40.420 Access timeout: 300 sec
2014-09-23 01:43:40.420 Control Port 4023 Opened
2014-09-23 01:43:40.420 Data Port 4024 Opened
2014-09-23 01:43:40.420 Registered with Q330
2014-09-23 01:43:40.420 Combination Record Received
2014-09-23 01:43:40.420 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-23 01:43:40.420 Link Reset, starting window sequence: 31130
2014-09-23 01:43:40.420 GPS Receiver ID Received
2014-09-23 01:43:40.420 Manufacturer's Data Received, Property Tag=2017
2014-09-23 01:43:40.420 Digitizer Gain & Offsets Received
2014-09-23 01:43:40.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4936 recs.
seq end: 14643474
2014-09-23 01:43:40.420 Baler clock set to 2014-09-23 01:43:39
2014-09-23 01:43:40.420 Starting to Read DP Tokens
2014-09-23 01:43:40.420 DP Tokens loaded, size=1474 bytes
2014-09-23 01:43:40.420 Webserver advertising 192.168.200.119:5380
2014-09-23 01:43:40.420 filters & delay HH1:2@100,Linear all=0.320000
2014-09-23 01:43:40.420 filters & delay HH2:3@100,Linear all=0.320000
2014-09-23 01:43:40.420 filters & delay BDH:4@20,Linear all=1.650000
2014-09-23 01:43:40.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-23 01:43:40.420 filters & delay LH1:2@1,Linear all=15.000000
2014-09-23 01:43:40.420 filters & delay LH2:3@1,Linear all=15.000000
2014-09-23 01:43:40.420 filters & delay LDH:4@1,Linear all=15.000000
2014-09-23 01:43:40.420 [2014-09-22 13:42:44.999998] continuity found: 14643474
464708565.000000 Q=100
2014-09-23 01:43:40.420 [2014-09-22 13:42:44.999998] restoring continuity
2014-09-23 01:43:40.420 Sending DT_OPEN
2014-09-23 01:43:40.420 Station: XX-2017
2014-09-23 01:43:40.420 Q330 Serial Number: 0100000DB18FC351

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2014-09-23 01:43:40.420 AMB Serial Number: 0100000B6909DD82  
 2014-09-23 01:43:40.420 Seismo 1 Serial Number: 0000000000000000  
 2014-09-23 01:43:40.420 Seismo 2 Serial Number: 0000000000000000  
 2014-09-23 01:43:40.420 QAPCHP 1 Serial Number: 4643206  
 2014-09-23 01:43:40.420 QAPCHP 2 Serial Number: 3743050  
 2014-09-23 01:43:40.420 KMI Property Tag Number: 2017  
 2014-09-23 01:43:40.420 System Software Version: 1.146  
 2014-09-23 01:43:40.420 Slave Processor Version: 1.11  
 2014-09-23 01:43:40.420 Calibrator Type: QCAL330  
 2014-09-23 01:43:40.420 Calibrator Version: 1.8  
 2014-09-23 01:43:40.420 Auxiliary Board Type: None  
 2014-09-23 01:43:40.420 Clock Type: Motorola M12  
 2014-09-23 01:43:40.420 PLD Version: 7.9  
 2014-09-23 01:43:40.420 Total Hours: 69222.24  
 2014-09-23 01:43:40.420 Power On Hours: 33852.62  
 2014-09-23 01:43:40.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-23 01:43:40.420 Total Number of Boots: 120  
 2014-09-23 01:43:40.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-23 01:43:40.420 Total Number of Re-Syncs: 213  
 2014-09-23 01:43:40.420 Status Inputs: 00000000  
 2014-09-23 01:43:40.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-23 01:43:40.420 Clock Quality: 100%  
 2014-09-23 01:43:40.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-23 01:43:40.420 Clock Phase: 0 usec. max allowed=50000  
 2014-09-23 01:43:40.420 Boom positions:  
 2014-09-23 01:43:40.420 ch1: -2 ch2: 3 ch3: 0 ch4: 20 ch5: 20 ch6: 20  
 2014-09-23 01:43:40.420 Analog Status  
 2014-09-23 01:43:40.420 Analog Positive Supply: 5.44V  
 2014-09-23 01:43:40.420 Input Voltage: 13.35V  
 2014-09-23 01:43:40.420 System Temperature: 5C  
 2014-09-23 01:43:40.420 Main Current: 61ma  
 2014-09-23 01:43:40.420 Antenna Current: 0ma  
 2014-09-23 01:43:40.420 GPS Status  
 2014-09-23 01:43:40.420 Time: 01:43:39  
 2014-09-23 01:43:40.420 Date:  
 2014-09-23 01:43:40.420 Fix Type: 1-D  
 2014-09-23 01:43:40.420 Height:  
 2014-09-23 01:43:40.420 Latitude:  
 2014-09-23 01:43:40.420 Longitude:  
 2014-09-23 01:43:40.420 On Time: 0min  
 2014-09-23 01:43:40.420 Sat. Used: 0  
 2014-09-23 01:43:40.420 In View: 0  
 2014-09-23 01:43:40.420 Checksum Errors: 0  
 2014-09-23 01:43:40.420 Last GPS timemark: 2014-09-23 01:43:38  
 2014-09-23 01:43:40.420 PLL Status  
 2014-09-23 01:43:40.420 State: Lock  
 2014-09-23 01:43:40.420 Initial VCO: 2201.729980  
 2014-09-23 01:43:40.420 Time Error: 0.000000  
 2014-09-23 01:43:40.420 RMS VCO: 0.0000000  
 2014-09-23 01:43:40.420 Best VCO: 2201.92  
 2014-09-23 01:43:40.420 Seconds Since Track or Lock: 0.0  
 2014-09-23 01:43:40.420 vco Control: 2202  
 2014-09-23 01:43:40.420 timing mode: external seascan  
 2014-09-23 01:43:40.420 tempco normal  
 2014-09-23 01:43:40.420 PLL update: 10s PLL lock criterion: 5us  
 2014-09-23 01:43:40.420 Pfrac: 150.00  
 2014-09-23 01:43:40.420 VCO slope: -0.0175000  
 2014-09-23 01:43:40.420 VCO intercept: 7.1100001  
 2014-09-23 01:43:40.420 km delta: 600.0000000  
 2014-09-23 01:43:40.420 Logical Port 4 Status  
 2014-09-23 01:43:40.420 Data Packets Sent: 16547940  
 2014-09-23 01:43:40.420 Flood Packets Sent: 0  
 2014-09-23 01:43:40.420 Packets Re-Sent: 26261

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2014-09-23 01:43:40.420 Sequence Errors: 0  
 2014-09-23 01:43:40.420 Packet Buffer Used: 22962784  
 2014-09-23 01:43:40.420 Physical Port: Ethernet  
 2014-09-23 01:43:40.420 Baler Model: 14 Software Version: 2.28  
 2014-09-23 01:43:40.420 MAC Address: 00:04:FB:00:02:EA  
 2014-09-23 01:43:40.420 Disk Size: 20000669696  
 2014-09-23 01:43:40.420 Percent of 1177 data files in use: 32.6  
 2014-09-23 01:43:40.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-23 01:43:40.420 Channel Sensitivities (uV per count):  
 2014-09-23 01:43:40.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-23 01:43:40.420 Digitizer Calibration Results:  
 2014-09-23 01:43:40.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-23 01:43:40.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-23 01:43:40.420 DMU1 Software Version=10  
 2014-09-23 01:43:40.420 Supply Voltage=12.7  
 2014-09-23 01:43:40.420 Supply Current=0.41  
 2014-09-23 01:43:40.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-23 01:43:40.420 WebLink Data Maps Restored  
 2014-09-23 01:43:40.420 [2014-09-22 13:42:44.999998] sequence resumes: 14643474 to  
 14643474  
 2014-09-23 01:43:40.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-23 01:43:39  
 2014-09-23 01:48:30.090 [2014-09-23 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-09-23 01:48:30.090 Reducing Status Polling Interval  
 2014-09-23 01:48:30.090 [2014-09-23 01:49:25.999998] total packets received: 55715  
 2014-09-23 01:48:30.090 [2014-09-23 01:49:25.999998] command timeouts: 6  
 2014-09-23 01:48:30.090 [2014-09-23 01:49:25.999998] out of window: 66  
 2014-09-23 01:48:30.090 written: HHZ-1249 HH1-1444 HH2-1407 BDH-449 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-09-23 01:48:30.090 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-24 LDH-28  
 VMZ-1 VM1-1  
 2014-09-23 01:48:30.090 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-09-23 01:48:30.090 [2014-09-23 01:49:25.999998] Done: 4688 recs. seq end:  
 14687075. run: 342 s  
 2014-09-23 13:50:20.330  
 2014-09-23 13:50:20.330 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-23 13:50:20.330 Control Port 2491 Opened  
 2014-09-23 13:50:20.330 Baler ready on Ethernet  
 2014-09-23 13:50:20.330 Power Cycled Baler Acknowledged  
 2014-09-23 13:50:20.330 Commands Accepted by Q330  
 2014-09-23 13:50:20.330 Access timeout: 300 sec  
 2014-09-23 13:50:20.330 Control Port 4023 Opened  
 2014-09-23 13:50:20.330 Data Port 4024 Opened  
 2014-09-23 13:50:20.330 Registered with Q330  
 2014-09-23 13:50:20.330 Combination Record Received  
 2014-09-23 13:50:20.330 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-23 13:50:20.330 Link Reset, starting window sequence: 21207  
 2014-09-23 13:50:20.330 GPS Receiver ID Received  
 2014-09-23 13:50:20.330 Manufacturer's Data Received, Property Tag=2017  
 2014-09-23 13:50:20.330 Digitizer Gain & Offsets Received  
 2014-09-23 13:50:20.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4688 recs.  
 seq end: 14687075  
 2014-09-23 13:50:20.330 Baler clock set to 2014-09-23 13:50:19  
 2014-09-23 13:50:20.330 Starting to Read DP Tokens  
 2014-09-23 13:50:20.330 DP Tokens loaded, size=1474 bytes  
 2014-09-23 13:50:20.330 webserver advertising 192.168.200.119:5380  
 2014-09-23 13:50:20.330 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-23 13:50:20.330 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-23 13:50:20.330 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-23 13:50:20.330 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-23 13:50:20.330 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-23 13:50:20.330 filters & delay LH1:2@1,Linear all=15.000000

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2014-09-23 13:50:20.330 filters & delay LH2:3@1,Linear all=15.000000
2014-09-23 13:50:20.330 filters & delay LDH:4@1,Linear all=15.000000
2014-09-23 13:50:20.330 [2014-09-23 01:49:25.999998] continuity found: 14687075
464752166.000000 Q=100
2014-09-23 13:50:20.330 [2014-09-23 01:49:25.999998] restoring continuity
2014-09-23 13:50:20.330 Sending DT_OPEN
2014-09-23 13:50:20.330 Station: XX-2017
2014-09-23 13:50:20.330 Q330 Serial Number: 0100000DB18FC351
2014-09-23 13:50:20.330 AMB Serial Number: 0100000B6909DD82
2014-09-23 13:50:20.330 Seismo 1 Serial Number: 0000000000000000
2014-09-23 13:50:20.330 Seismo 2 Serial Number: 0000000000000000
2014-09-23 13:50:20.330 QAPCHP 1 Serial Number: 4643206
2014-09-23 13:50:20.330 QAPCHP 2 Serial Number: 3743050
2014-09-23 13:50:20.330 KMI Property Tag Number: 2017
2014-09-23 13:50:20.330 System Software Version: 1.146
2014-09-23 13:50:20.330 Slave Processor Version: 1.11
2014-09-23 13:50:20.330 Calibrator Type: QCAL330
2014-09-23 13:50:20.330 Calibrator Version: 1.8
2014-09-23 13:50:20.330 Auxiliary Board Type: None
2014-09-23 13:50:20.330 Clock Type: Motorola M12
2014-09-23 13:50:20.330 PLD Version: 7.9
2014-09-23 13:50:20.330 Total Hours: 69234.35
2014-09-23 13:50:20.330 Power On Hours: 33864.73
2014-09-23 13:50:20.330 Time of Last Boot: 2014-04-06 02:03:58
2014-09-23 13:50:20.330 Total Number of Boots: 120
2014-09-23 13:50:20.330 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-23 13:50:20.330 Total Number of Re-Syncs: 213
2014-09-23 13:50:20.330 Status Inputs: 00000000
2014-09-23 13:50:20.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-23 13:50:20.330 Clock Quality: 100%
2014-09-23 13:50:20.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-23 13:50:20.330 Clock Phase: 0 usec. max allowed=50000
2014-09-23 13:50:20.330 Boom positions:
2014-09-23 13:50:20.330 ch1: -2 ch2: 2 ch3: 2 ch4: 20 ch5: 20 ch6: 20
2014-09-23 13:50:20.330 Analog Status
2014-09-23 13:50:20.330 Analog Positive Supply: 5.46V
2014-09-23 13:50:20.330 Input Voltage: 13.35V
2014-09-23 13:50:20.330 System Temperature: 5C
2014-09-23 13:50:20.330 Main Current: 61ma
2014-09-23 13:50:20.330 Antenna Current: 0ma
2014-09-23 13:50:20.330 GPS Status
2014-09-23 13:50:20.330 Time: 13:50:19
2014-09-23 13:50:20.330 Date:
2014-09-23 13:50:20.330 Fix Type: 1-D
2014-09-23 13:50:20.330 Height:
2014-09-23 13:50:20.330 Latitude:
2014-09-23 13:50:20.330 Longitude:
2014-09-23 13:50:20.330 On Time: 0min
2014-09-23 13:50:20.330 Sat. Used: 0
2014-09-23 13:50:20.330 In View: 0
2014-09-23 13:50:20.330 Checksum Errors: 0
2014-09-23 13:50:20.330 Last GPS timemark: 2014-09-23 13:50:18
2014-09-23 13:50:20.330 PLL Status
2014-09-23 13:50:20.330 State: Lock
2014-09-23 13:50:20.330 Initial VCO: 2202.010498
2014-09-23 13:50:20.330 Time Error: 0.000000
2014-09-23 13:50:20.330 RMS VCO: 0.0000000
2014-09-23 13:50:20.330 Best VCO: 2202.22
2014-09-23 13:50:20.330 Seconds Since Track or Lock: 0.0
2014-09-23 13:50:20.330 Vco Control: 2202
2014-09-23 13:50:20.330 timing mode: external seascan
2014-09-23 13:50:20.330 tempco normal
2014-09-23 13:50:20.330 PLL update: 10s PLL lock criterion: 5us

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2014-09-23 13:50:20.330 Pfrac: 150.00  
 2014-09-23 13:50:20.330 VCO slope: -0.0175000  
 2014-09-23 13:50:20.330 VCO intercept: 7.1100001  
 2014-09-23 13:50:20.330 km delta: 600.0000000  
 2014-09-23 13:50:20.330 Logical Port 4 Status  
 2014-09-23 13:50:20.330 Data Packets Sent: 16603558  
 2014-09-23 13:50:20.330 Flood Packets Sent: 0  
 2014-09-23 13:50:20.330 Packets Re-Sent: 26341  
 2014-09-23 13:50:20.330 Sequence Errors: 0  
 2014-09-23 13:50:20.330 Packet Buffer Used: 20781968  
 2014-09-23 13:50:20.330 Physical Port: Ethernet  
 2014-09-23 13:50:20.330 Baler Model: 14 Software Version: 2.28  
 2014-09-23 13:50:20.330 MAC Address: 00:04:FB:00:02:EA  
 2014-09-23 13:50:20.330 Disk Size: 20000669696  
 2014-09-23 13:50:20.330 Percent of 1177 data files in use: 32.7  
 2014-09-23 13:50:20.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-23 13:50:20.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-23 13:50:20.330 Digitizer Calibration Results:  
 2014-09-23 13:50:20.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-23 13:50:20.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-23 13:50:20.330 DMU1 Software Version=10  
 2014-09-23 13:50:20.330 Supply Voltage=12.6  
 2014-09-23 13:50:20.330 Supply Current=0.41  
 2014-09-23 13:50:20.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-23 13:50:20.330 webLink Data Maps Restored  
 2014-09-23 13:50:20.330 [2014-09-23 01:49:25.999998] sequence resumes: 14687075 to  
 14687075  
 2014-09-23 13:50:20.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-09-23 13:50:19  
 2014-09-23 13:55:28.740 [2014-09-23 13:55:28.000000] total packets received: 43745  
 2014-09-23 13:55:28.740 [2014-09-23 13:55:28.000000] command timeouts: 6  
 2014-09-23 13:55:28.740 [2014-09-23 13:55:28.000000] out of window: 55  
 2014-09-23 13:55:28.740 written: HHZ-1095 HH1-1247 HH2-1241 BDH-443 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-23 13:55:28.740 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26  
 VMZ-2 VM1-2  
 2014-09-23 13:55:28.740 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-09-23 13:55:28.740 [2014-09-23 13:55:28.000000] Done: 4171 recs. seq end:  
 14730637. run: 305 s  
 2014-09-24 01:56:23.390  
 2014-09-24 01:56:23.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-24 01:56:23.390 Control Port 2491 Opened  
 2014-09-24 01:56:23.390 Baler ready on Ethernet  
 2014-09-24 01:56:23.390 Power Cycled Baler Acknowledged  
 2014-09-24 01:56:23.390 Commands Accepted by Q330  
 2014-09-24 01:56:23.390 Access timeout: 300 sec  
 2014-09-24 01:56:23.390 Control Port 4023 Opened  
 2014-09-24 01:56:23.390 Data Port 4024 Opened  
 2014-09-24 01:56:23.390 Registered with Q330  
 2014-09-24 01:56:23.390 Combination Record Received  
 2014-09-24 01:56:23.390 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-24 01:56:23.390 Link Reset, starting window sequence: 64863  
 2014-09-24 01:56:23.390 GPS Receiver ID Received  
 2014-09-24 01:56:23.390 Manufacturer's Data Received, Property Tag=2017  
 2014-09-24 01:56:23.390 Digitizer Gain & Offsets Received  
 2014-09-24 01:56:23.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4171 recs.  
 seq end: 14730637  
 2014-09-24 01:56:23.390 Baler clock set to 2014-09-24 01:56:22  
 2014-09-24 01:56:23.390 Starting to Read DP Tokens  
 2014-09-24 01:56:23.390 DP Tokens loaded, size=1474 bytes  
 2014-09-24 01:56:23.390 webserver advertising 192.168.200.119:5380  
 2014-09-24 01:56:23.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-24 01:56:23.390 filters & delay HH1:2@100,Linear all=0.320000

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2014-09-24 01:56:23.390 filters & delay HH2:3@100,Linear all=0.320000
2014-09-24 01:56:23.390 filters & delay BDH:4@20,Linear all=1.650000
2014-09-24 01:56:23.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-24 01:56:23.390 filters & delay LH1:2@1,Linear all=15.000000
2014-09-24 01:56:23.390 filters & delay LH2:3@1,Linear all=15.000000
2014-09-24 01:56:23.390 filters & delay LDH:4@1,Linear all=15.000000
2014-09-24 01:56:23.390 [2014-09-23 13:55:28.000000] continuity found: 14730637
464795728.000000 Q=100
2014-09-24 01:56:23.390 [2014-09-23 13:55:28.000000] restoring continuity
2014-09-24 01:56:23.390 Sending DT_OPEN
2014-09-24 01:56:23.390 Station: XX-2017
2014-09-24 01:56:23.390 Q330 Serial Number: 0100000DB18FC351
2014-09-24 01:56:23.390 AMB Serial Number: 0100000B6909DD82
2014-09-24 01:56:23.390 Seismo 1 Serial Number: 0000000000000000
2014-09-24 01:56:23.390 Seismo 2 Serial Number: 0000000000000000
2014-09-24 01:56:23.390 QAPCHP 1 Serial Number: 4643206
2014-09-24 01:56:23.390 QAPCHP 2 Serial Number: 3743050
2014-09-24 01:56:23.390 KMI Property Tag Number: 2017
2014-09-24 01:56:23.390 System Software Version: 1.146
2014-09-24 01:56:23.390 Slave Processor Version: 1.11
2014-09-24 01:56:23.390 Calibrator Type: QCAL330
2014-09-24 01:56:23.390 Calibrator Version: 1.8
2014-09-24 01:56:23.390 Auxiliary Board Type: None
2014-09-24 01:56:23.390 Clock Type: Motorola M12
2014-09-24 01:56:23.390 PLD Version: 7.9
2014-09-24 01:56:23.390 Total Hours: 69246.45
2014-09-24 01:56:23.390 Power On Hours: 33876.83
2014-09-24 01:56:23.390 Time of Last Boot: 2014-04-06 02:03:58
2014-09-24 01:56:23.390 Total Number of Boots: 120
2014-09-24 01:56:23.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-24 01:56:23.390 Total Number of Re-Syncs: 213
2014-09-24 01:56:23.390 Status Inputs: 00000000
2014-09-24 01:56:23.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-09-24 01:56:23.390 Clock Quality: 100%
2014-09-24 01:56:23.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-24 01:56:23.390 Clock Phase: 0 usec. max allowed=50000
2014-09-24 01:56:23.390 Boom positions:
2014-09-24 01:56:23.390 Ch1: -2 Ch2: 1 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2014-09-24 01:56:23.390 Analog Status
2014-09-24 01:56:23.390 Analog Positive Supply: 5.46V
2014-09-24 01:56:23.390 Input Voltage: 13.35V
2014-09-24 01:56:23.390 System Temperature: 5C
2014-09-24 01:56:23.390 Main Current: 61ma
2014-09-24 01:56:23.390 Antenna Current: 0ma
2014-09-24 01:56:23.390 GPS Status
2014-09-24 01:56:23.390 Time: 01:56:22
2014-09-24 01:56:23.390 Date:
2014-09-24 01:56:23.390 Fix Type: 1-D
2014-09-24 01:56:23.390 Height:
2014-09-24 01:56:23.390 Latitude:
2014-09-24 01:56:23.390 Longitude:
2014-09-24 01:56:23.390 On Time: 0min
2014-09-24 01:56:23.390 Sat. Used: 0
2014-09-24 01:56:23.390 In View: 0
2014-09-24 01:56:23.390 Checksum Errors: 0
2014-09-24 01:56:23.390 Last GPS timemark: 2014-09-24 01:56:21
2014-09-24 01:56:23.390 PLL Status
2014-09-24 01:56:23.390 State: Lock
2014-09-24 01:56:23.390 Initial VCO: 2201.948730
2014-09-24 01:56:23.390 Time Error: 0.000000
2014-09-24 01:56:23.390 RMS VCO: 0.0000000
2014-09-24 01:56:23.390 Best VCO: 2202.03
2014-09-24 01:56:23.390 Seconds Since Track or Lock: 0.0

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2014-09-24 01:56:23.390 Vco Control: 2202  
 2014-09-24 01:56:23.390 timing mode: external seascan  
 2014-09-24 01:56:23.390 tempco normal  
 2014-09-24 01:56:23.390 PLL update: 10s PLL lock criterion: 5us  
 2014-09-24 01:56:23.390 Pfrac: 150.00  
 2014-09-24 01:56:23.390 VCO slope: -0.0175000  
 2014-09-24 01:56:23.390 VCO intercept: 7.1100001  
 2014-09-24 01:56:23.390 km delta: 600.0000000  
 2014-09-24 01:56:23.390 Logical Port 4 Status  
 2014-09-24 01:56:23.390 Data Packets Sent: 16647219  
 2014-09-24 01:56:23.390 Flood Packets Sent: 0  
 2014-09-24 01:56:23.390 Packets Re-Sent: 26412  
 2014-09-24 01:56:23.390 Sequence Errors: 0  
 2014-09-24 01:56:23.390 Packet Buffer Used: 22655240  
 2014-09-24 01:56:23.390 Physical Port: Ethernet  
 2014-09-24 01:56:23.390 Baler Model: 14 Software Version: 2.28  
 2014-09-24 01:56:23.390 MAC Address: 00:04:FB:00:02:EA  
 2014-09-24 01:56:23.390 Disk Size: 20000669696  
 2014-09-24 01:56:23.390 Percent of 1177 data files in use: 32.8  
 2014-09-24 01:56:23.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-24 01:56:23.390 Channel Sensitivities (uV per count):  
 2014-09-24 01:56:23.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-24 01:56:23.390 Digitizer Calibration Results:  
 2014-09-24 01:56:23.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-24 01:56:23.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-24 01:56:23.390 DMU1 Software Version=10  
 2014-09-24 01:56:23.390 Supply Voltage=12.6  
 2014-09-24 01:56:23.390 Supply Current=0.41  
 2014-09-24 01:56:23.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-24 01:56:23.390 WebLink Data Maps Restored  
 2014-09-24 01:56:23.390 [2014-09-23 13:55:28.000000] sequence resumes: 14730637 to  
 14730637  
 2014-09-24 01:56:23.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-24 01:56:22  
 2014-09-24 02:01:03.180 [2014-09-24 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-09-24 02:02:03.210 Reducing Status Polling Interval  
 2014-09-24 02:02:03.210 [2014-09-24 02:02:01.999998] total packets received: 50612  
 2014-09-24 02:02:03.210 [2014-09-24 02:02:01.999998] command timeouts: 6  
 2014-09-24 02:02:03.210 [2014-09-24 02:02:01.999998] out of window: 73  
 2014-09-24 02:02:03.210 written: HHZ-1205 HH1-1420 HH2-1410 BDH-447 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-24 02:02:03.210 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-26  
 VMZ-2 VM1-2  
 2014-09-24 02:02:03.210 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-09-24 02:02:03.210 [2014-09-24 02:02:01.999998] Done: 4630 recs. seq end:  
 14774231. run: 335 s  
 2014-09-24 14:02:56.380  
 2014-09-24 14:02:56.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-24 14:02:56.380 Control Port 2491 Opened  
 2014-09-24 14:02:56.380 Baler ready on Ethernet  
 2014-09-24 14:02:56.380 Power Cycled Baler Acknowledged  
 2014-09-24 14:02:56.380 Commands Accepted by Q330  
 2014-09-24 14:02:56.380 Access timeout: 300 sec  
 2014-09-24 14:02:56.380 Control Port 4023 Opened  
 2014-09-24 14:02:56.380 Data Port 4024 Opened  
 2014-09-24 14:02:56.380 Registered with Q330  
 2014-09-24 14:02:56.380 Combination Record Received  
 2014-09-24 14:02:56.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-24 14:02:56.380 Link Reset, starting window sequence: 49830  
 2014-09-24 14:02:56.380 GPS Receiver ID Received  
 2014-09-24 14:02:56.380 Manufacturer's Data Received, Property Tag=2017  
 2014-09-24 14:02:56.380 Digitizer Gain & Offsets Received



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2014-09-24 14:02:56.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4630 recs.  
seq end: 14774231  
2014-09-24 14:02:56.380 Baler clock set to 2014-09-24 14:02:55  
2014-09-24 14:02:56.380 Starting to Read DP Tokens  
2014-09-24 14:02:56.380 DP Tokens loaded, size=1474 bytes  
2014-09-24 14:02:56.380 webserver advertising 192.168.200.119:5380  
2014-09-24 14:02:56.380 filters & delay HHZ:1@100,Linear all=0.320000  
2014-09-24 14:02:56.380 filters & delay HH1:2@100,Linear all=0.320000  
2014-09-24 14:02:56.380 filters & delay HH2:3@100,Linear all=0.320000  
2014-09-24 14:02:56.380 filters & delay BDH:4@20,Linear all=1.650000  
2014-09-24 14:02:56.380 filters & delay LHZ:1@1,Linear all=15.000000  
2014-09-24 14:02:56.380 filters & delay LH1:2@1,Linear all=15.000000  
2014-09-24 14:02:56.380 filters & delay LH2:3@1,Linear all=15.000000  
2014-09-24 14:02:56.380 filters & delay LDH:4@1,Linear all=15.000000  
2014-09-24 14:02:56.380 [2014-09-24 02:02:01.999998] continuity found: 14774231  
464839322.000000 Q=100  
2014-09-24 14:02:56.380 [2014-09-24 02:02:01.999998] restoring continuity  
2014-09-24 14:02:56.380 Sending DT\_OPEN  
2014-09-24 14:02:56.380 Station: XX-2017  
2014-09-24 14:02:56.380 Q330 Serial Number: 0100000DB18FC351  
2014-09-24 14:02:56.380 AMB Serial Number: 0100000B6909DD82  
2014-09-24 14:02:56.380 Seismo 1 Serial Number: 0000000000000000  
2014-09-24 14:02:56.380 Seismo 2 Serial Number: 0000000000000000  
2014-09-24 14:02:56.380 QAPCHP 1 Serial Number: 4643206  
2014-09-24 14:02:56.380 QAPCHP 2 Serial Number: 3743050  
2014-09-24 14:02:56.380 KMI Property Tag Number: 2017  
2014-09-24 14:02:56.380 System Software Version: 1.146  
2014-09-24 14:02:56.380 Slave Processor Version: 1.11  
2014-09-24 14:02:56.380 Calibrator Type: QCAL330  
2014-09-24 14:02:56.380 Calibrator Version: 1.8  
2014-09-24 14:02:56.380 Auxiliary Board Type: None  
2014-09-24 14:02:56.380 Clock Type: Motorola M12  
2014-09-24 14:02:56.380 PLD Version: 7.9  
2014-09-24 14:02:56.380 Total Hours: 69258.56  
2014-09-24 14:02:56.380 Power On Hours: 33888.94  
2014-09-24 14:02:56.380 Time of Last Boot: 2014-04-06 02:03:58  
2014-09-24 14:02:56.380 Total Number of Boots: 120  
2014-09-24 14:02:56.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-09-24 14:02:56.380 Status Inputs: 00000000  
2014-09-24 14:02:56.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-09-24 14:02:56.380 Clock Quality: 100%  
2014-09-24 14:02:56.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-09-24 14:02:56.380 Clock Phase: -2 usec. max allowed=50000  
2014-09-24 14:02:56.380 Boom positions:  
2014-09-24 14:02:56.380 ch1: -2 ch2: -2 ch3: 6 ch4: 20 ch5: 20 ch6: 20  
2014-09-24 14:02:56.380 Analog Status  
2014-09-24 14:02:56.380 Analog Positive Supply: 5.46V  
2014-09-24 14:02:56.380 Input Voltage: 13.20V  
2014-09-24 14:02:56.380 System Temperature: 5C  
2014-09-24 14:02:56.380 Main Current: 62ma  
2014-09-24 14:02:56.380 Antenna Current: 0ma  
2014-09-24 14:02:56.380 GPS Status  
2014-09-24 14:02:56.380 Time: 14:02:55  
2014-09-24 14:02:56.380 Date:  
2014-09-24 14:02:56.380 Fix Type: 1-D  
2014-09-24 14:02:56.380 Height:  
2014-09-24 14:02:56.380 Latitude:  
2014-09-24 14:02:56.380 Longitude:  
2014-09-24 14:02:56.380 On Time: 0min  
2014-09-24 14:02:56.380 Sat. Used: 0  
2014-09-24 14:02:56.380 In View: 0  
2014-09-24 14:02:56.380 Checksum Errors: 0  
2014-09-24 14:02:56.380 Last GPS timemark: 2014-09-24 14:02:54

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2014-09-24 14:02:56.380 PLL Status
2014-09-24 14:02:56.380 State: Lock
2014-09-24 14:02:56.380 Initial VCO: 2201.927246
2014-09-24 14:02:56.380 Time Error: 0.000000
2014-09-24 14:02:56.380 RMS VCO: 0.0000000
2014-09-24 14:02:56.380 Best VCO: 2201.96
2014-09-24 14:02:56.380 Seconds Since Track or Lock: 0.0
2014-09-24 14:02:56.380 Vco Control: 2202
2014-09-24 14:02:56.380 timing mode: external seascan
2014-09-24 14:02:56.380 tempco normal
2014-09-24 14:02:56.380 PLL update: 10s PLL lock criterion: 5us
2014-09-24 14:02:56.380 Pfrac: 150.00
2014-09-24 14:02:56.380 VCO slope: -0.0175000
2014-09-24 14:02:56.380 VCO intercept: 7.1100001
2014-09-24 14:02:56.380 km delta: 600.0000000
2014-09-24 14:02:56.380 Logical Port 4 Status
2014-09-24 14:02:56.380 Data Packets Sent: 16697727
2014-09-24 14:02:56.380 Flood Packets Sent: 0
2014-09-24 14:02:56.380 Packets Re-Sent: 26501
2014-09-24 14:02:56.380 Sequence Errors: 0
2014-09-24 14:02:56.380 Packet Buffer Used: 23792444
2014-09-24 14:02:56.380 Physical Port: Ethernet
2014-09-24 14:02:56.380 Baler Model: 14 Software Version: 2.28
2014-09-24 14:02:56.380 MAC Address: 00:04:FB:00:02:EA
2014-09-24 14:02:56.380 Disk Size: 20000669696
2014-09-24 14:02:56.380 Percent of 1177 data files in use: 33.0
2014-09-24 14:02:56.380 Channels Enabled: 1234 Preamps ON channels:
2014-09-24 14:02:56.380 Channel Sensitivities (uV per count):
2014-09-24 14:02:56.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-24 14:02:56.380 Digitizer Calibration Results:
2014-09-24 14:02:56.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-24 14:02:56.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-24 14:02:56.380 DMU1 Software Version=10
2014-09-24 14:02:56.380 Supply Voltage=12.8
2014-09-24 14:02:56.380 Supply Current=0.41
2014-09-24 14:02:56.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-24 14:02:56.380 webLink Data Maps Restored
2014-09-24 14:02:56.380 [2014-09-24 02:02:01.999998] sequence resumes: 14774231 to
14774231
2014-09-24 14:02:56.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-24 14:02:55
2014-09-24 14:08:55.370 Reducing Status Polling Interval
2014-09-24 14:08:55.370 [2014-09-24 14:08:54.999998] total packets received: 67928
2014-09-24 14:08:55.370 [2014-09-24 14:08:54.999998] command timeouts: 6
2014-09-24 14:08:55.370 [2014-09-24 14:08:54.999998] out of window: 64
2014-09-24 14:08:55.370 written: HHZ-1268 HH1-1439 HH2-1583 BDH-454 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-09-24 14:08:55.370 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-30
VMZ-1 VM1-1
2014-09-24 14:08:55.370 written: VM2-1 LOG-2 ACE-1 OCF-1
2014-09-24 14:08:55.370 [2014-09-24 14:08:54.999998] Done: 4884 recs. seq end:
14817844. run: 356 s
2014-09-25 02:09:48.380
2014-09-25 02:09:48.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-25 02:09:48.380 Control Port 2491 Opened
2014-09-25 02:09:48.380 Baler ready on Ethernet
2014-09-25 02:09:48.380 Power Cycled Baler Acknowledged
2014-09-25 02:09:48.380 Commands Accepted by Q330
2014-09-25 02:09:48.380 Access timeout: 300 sec
2014-09-25 02:09:48.380 Control Port 4023 Opened
2014-09-25 02:09:48.380 Data Port 4024 Opened
2014-09-25 02:09:48.380 Registered with Q330
2014-09-25 02:09:48.380 Combination Record Received

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2014-09-25 02:09:48.380 window=4   Min. Timeout=10   Max. Timeout=30
2014-09-25 02:09:48.380 Link Reset, starting window sequence: 52121
2014-09-25 02:09:48.380 GPS Receiver ID Received
2014-09-25 02:09:48.380 Manufacturer's Data Received, Property Tag=2017
2014-09-25 02:09:48.380 Digitizer Gain & Offsets Received
2014-09-25 02:09:48.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4884 recs.
seq end: 14817844
2014-09-25 02:09:48.380 Baler clock set to 2014-09-25 02:09:47
2014-09-25 02:09:48.380 Starting to Read DP Tokens
2014-09-25 02:09:48.380 DP Tokens loaded, size=1474 bytes
2014-09-25 02:09:48.380 webserver advertising 192.168.200.119:5380
2014-09-25 02:09:48.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-25 02:09:48.380 filters & delay HH1:2@100,Linear all=0.320000
2014-09-25 02:09:48.380 filters & delay HH2:3@100,Linear all=0.320000
2014-09-25 02:09:48.380 filters & delay BDH:4@20,Linear all=1.650000
2014-09-25 02:09:48.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-25 02:09:48.380 filters & delay LH1:2@1,Linear all=15.000000
2014-09-25 02:09:48.380 filters & delay LH2:3@1,Linear all=15.000000
2014-09-25 02:09:48.380 filters & delay LDH:4@1,Linear all=15.000000
2014-09-25 02:09:48.380 [2014-09-24 14:08:54.999998] continuity found: 14817844
464882935.000000 Q=100
2014-09-25 02:09:48.380 [2014-09-24 14:08:54.999998] restoring continuity
2014-09-25 02:09:48.380 Sending DT_OPEN
2014-09-25 02:09:48.380 Station: XX-2017
2014-09-25 02:09:48.380 Q330 Serial Number: 0100000DB18FC351
2014-09-25 02:09:48.380 AMB Serial Number: 0100000B6909DD82
2014-09-25 02:09:48.380 Seismo 1 Serial Number: 0000000000000000
2014-09-25 02:09:48.380 Seismo 2 Serial Number: 0000000000000000
2014-09-25 02:09:48.380 QAPCHP 1 Serial Number: 4643206
2014-09-25 02:09:48.380 QAPCHP 2 Serial Number: 3743050
2014-09-25 02:09:48.380 KMI Property Tag Number: 2017
2014-09-25 02:09:48.380 System Software Version: 1.146
2014-09-25 02:09:48.380 Slave Processor Version: 1.11
2014-09-25 02:09:48.380 Calibrator Type: QCAL330
2014-09-25 02:09:48.380 Calibrator Version: 1.8
2014-09-25 02:09:48.380 Auxiliary Board Type: None
2014-09-25 02:09:48.380 Clock Type: Motorola M12
2014-09-25 02:09:48.380 PLD Version: 7.9
2014-09-25 02:09:48.380 Total Hours: 69270.67
2014-09-25 02:09:48.380 Power On Hours: 33901.06
2014-09-25 02:09:48.380 Time of Last Boot: 2014-04-06 02:03:58
2014-09-25 02:09:48.380 Total Number of Boots: 120
2014-09-25 02:09:48.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-25 02:09:48.380 Total Number of Re-Syncs: 213
2014-09-25 02:09:48.380 Status Inputs: 00000000
2014-09-25 02:09:48.380 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-09-25 02:09:48.380 Clock Quality: 100%
2014-09-25 02:09:48.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-25 02:09:48.380 Clock Phase: -2 usec. max allowed=50000
2014-09-25 02:09:48.380 Boom positions:
2014-09-25 02:09:48.380 ch1: -2 ch2: -4 ch3: 8 ch4: 20 ch5: 20 ch6: 20
2014-09-25 02:09:48.380 Analog Status
2014-09-25 02:09:48.380 Analog Positive Supply: 5.46V
2014-09-25 02:09:48.380 Input Voltage: 13.20V
2014-09-25 02:09:48.380 System Temperature: 5C
2014-09-25 02:09:48.380 Main Current: 62ma
2014-09-25 02:09:48.380 Antenna Current: 0ma
2014-09-25 02:09:48.380 GPS Status
2014-09-25 02:09:48.380 Time: 02:09:48
2014-09-25 02:09:48.380 Date:
2014-09-25 02:09:48.380 Fix Type: 1-D
2014-09-25 02:09:48.380 Height:
2014-09-25 02:09:48.380 Latitude:

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2014-09-25 02:09:48.380 Longitude:  
 2014-09-25 02:09:48.380 On Time: 0min  
 2014-09-25 02:09:48.380 Sat. Used: 0  
 2014-09-25 02:09:48.380 In View: 0  
 2014-09-25 02:09:48.380 Checksum Errors: 0  
 2014-09-25 02:09:48.380 Last GPS timemark: 2014-09-25 02:09:47  
 2014-09-25 02:09:48.380 PLL Status  
 2014-09-25 02:09:48.380 State: Lock  
 2014-09-25 02:09:48.380 Initial VCO: 2202.032227  
 2014-09-25 02:09:48.380 Time Error: 0.000000  
 2014-09-25 02:09:48.380 RMS VCO: 0.000000  
 2014-09-25 02:09:48.380 Best VCO: 2202.26  
 2014-09-25 02:09:48.380 Seconds Since Track or Lock: 0.0  
 2014-09-25 02:09:48.380 Vco Control: 2202  
 2014-09-25 02:09:48.380 timing mode: external seascan  
 2014-09-25 02:09:48.380 tempco normal  
 2014-09-25 02:09:48.380 PLL update: 10s PLL lock criterion: 5us  
 2014-09-25 02:09:48.380 Pfrac: 150.00  
 2014-09-25 02:09:48.380 VCO slope: -0.0175000  
 2014-09-25 02:09:48.380 VCO intercept: 7.1100001  
 2014-09-25 02:09:48.380 km delta: 600.000000  
 2014-09-25 02:09:48.380 Logical Port 4 Status  
 2014-09-25 02:09:48.380 Data Packets Sent: 16765559  
 2014-09-25 02:09:48.380 Flood Packets Sent: 0  
 2014-09-25 02:09:48.380 Packets Re-Sent: 26582  
 2014-09-25 02:09:48.380 Sequence Errors: 0  
 2014-09-25 02:09:48.380 Packet Buffer Used: 22896336  
 2014-09-25 02:09:48.380 Physical Port: Ethernet  
 2014-09-25 02:09:48.380 Baler Model: 14 Software Version: 2.28  
 2014-09-25 02:09:48.380 MAC Address: 00:04:FB:00:02:EA  
 2014-09-25 02:09:48.380 Disk Size: 20000669696  
 2014-09-25 02:09:48.380 Percent of 1177 data files in use: 33.1  
 2014-09-25 02:09:48.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-25 02:09:48.380 Channel sensitivities (uV per count):  
 2014-09-25 02:09:48.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-25 02:09:48.380 Digitizer Calibration Results:  
 2014-09-25 02:09:48.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-25 02:09:48.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-25 02:09:48.380 DMU1 Software Version=10  
 2014-09-25 02:09:48.380 Supply Voltage=12.6  
 2014-09-25 02:09:48.380 Supply Current=0.41  
 2014-09-25 02:09:48.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-25 02:09:48.380 webLink Data Maps Restored  
 2014-09-25 02:09:48.380 [2014-09-24 14:08:54.999998] sequence resumes: 14817844 to  
 14817844  
 2014-09-25 02:09:48.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-25 02:09:47  
 2014-09-25 02:14:33.330 [2014-09-25 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-09-25 02:15:37.760 [2014-09-25 02:14:45.000000] total packets received: 56249  
 2014-09-25 02:15:37.760 [2014-09-25 02:14:45.000000] command timeouts: 6  
 2014-09-25 02:15:37.760 [2014-09-25 02:14:45.000000] out of window: 82  
 2014-09-25 02:15:37.760 written: HHZ-1222 HH1-1376 HH2-1480 BDH-453 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-09-25 02:15:37.760 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-29  
 VMZ-2 VM1-2  
 2014-09-25 02:15:37.760 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-09-25 02:15:37.760 [2014-09-25 02:14:45.000000] Done: 4681 recs. seq end:  
 14861394. run: 345 s  
 2014-09-25 14:16:31.420  
 2014-09-25 14:16:31.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-25 14:16:31.420 Control Port 2491 Opened  
 2014-09-25 14:16:31.420 Baler ready on Ethernet

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2014-09-25 14:16:31.420 Power Cycled Baler Acknowledged
2014-09-25 14:16:31.420 Commands Accepted by Q330
2014-09-25 14:16:31.420 Access timeout: 300 sec
2014-09-25 14:16:31.420 Control Port 4023 Opened
2014-09-25 14:16:31.420 Data Port 4024 Opened
2014-09-25 14:16:31.420 Registered with Q330
2014-09-25 14:16:31.420 Combination Record Received
2014-09-25 14:16:31.420 Link Reset, starting window sequence: 42716
2014-09-25 14:16:31.420 GPS Receiver ID Received
2014-09-25 14:16:31.420 Manufacturer's Data Received, Property Tag=2017
2014-09-25 14:16:31.420 Digitizer Gain & Offsets Received
2014-09-25 14:16:31.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4681 recs.
seq end: 14861394
2014-09-25 14:16:31.420 Baler clock set to 2014-09-25 14:16:30
2014-09-25 14:16:31.420 Starting to Read DP Tokens
2014-09-25 14:16:31.420 DP Tokens loaded, size=1474 bytes
2014-09-25 14:16:31.420 webserver advertising 192.168.200.119:5380
2014-09-25 14:16:31.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-25 14:16:31.420 filters & delay HH1:2@100,Linear all=0.320000
2014-09-25 14:16:31.420 filters & delay HH2:3@100,Linear all=0.320000
2014-09-25 14:16:31.420 filters & delay BDH:4@20,Linear all=1.650000
2014-09-25 14:16:31.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-25 14:16:31.420 filters & delay LH1:2@1,Linear all=15.000000
2014-09-25 14:16:31.420 filters & delay LH2:3@1,Linear all=15.000000
2014-09-25 14:16:31.420 filters & delay LDH:4@1,Linear all=15.000000
2014-09-25 14:16:31.420 [2014-09-25 02:14:45.000000] continuity found: 14861394
464926485.000000 Q=100
2014-09-25 14:16:31.420 [2014-09-25 02:14:45.000000] restoring continuity
2014-09-25 14:16:31.420 Sending DT_OPEN
2014-09-25 14:16:31.420 Station: XX-2017
2014-09-25 14:16:31.420 Q330 Serial Number: 0100000DB18FC351
2014-09-25 14:16:31.420 AMB Serial Number: 0100000B6909DD82
2014-09-25 14:16:31.420 Seismo 1 Serial Number: 0000000000000000
2014-09-25 14:16:31.420 Seismo 2 Serial Number: 0000000000000000
2014-09-25 14:16:31.420 QAPCHP 1 Serial Number: 4643206
2014-09-25 14:16:31.420 QAPCHP 2 Serial Number: 3743050
2014-09-25 14:16:31.420 KMI Property Tag Number: 2017
2014-09-25 14:16:31.420 System Software Version: 1.146
2014-09-25 14:16:31.420 Slave Processor Version: 1.11
2014-09-25 14:16:31.420 Calibrator Type: QCAL330
2014-09-25 14:16:31.420 Calibrator Version: 1.8
2014-09-25 14:16:31.420 Auxiliary Board Type: None
2014-09-25 14:16:31.420 Clock Type: Motorola M12
2014-09-25 14:16:31.420 PLD Version: 7.9
2014-09-25 14:16:31.420 Total Hours: 69282.79
2014-09-25 14:16:31.420 Power On Hours: 33913.17
2014-09-25 14:16:31.420 Time of Last Boot: 2014-04-06 02:03:58
2014-09-25 14:16:31.420 Total Number of Boots: 120
2014-09-25 14:16:31.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-25 14:16:31.420 Total Number of Re-Syncs: 213
2014-09-25 14:16:31.420 Status Inputs: 00000000
2014-09-25 14:16:31.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-25 14:16:31.420 Clock Quality: 100%
2014-09-25 14:16:31.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-25 14:16:31.420 Clock Phase: 0 usec. max allowed=50000
2014-09-25 14:16:31.420 Boom positions:
2014-09-25 14:16:31.420 ch1: -2 ch2: -5 ch3: 8 ch4: 20 ch5: 20 ch6: 20
2014-09-25 14:16:31.420 Analog Status
2014-09-25 14:16:31.420 Analog Positive Supply: 5.46V
2014-09-25 14:16:31.420 Input Voltage: 13.35V
2014-09-25 14:16:31.420 System Temperature: 5C
2014-09-25 14:16:31.420 Main Current: 61ma
2014-09-25 14:16:31.420 Antenna Current: 0ma

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2014-09-25 14:16:31.420 GPS Status  
 2014-09-25 14:16:31.420 Time: 14:16:30  
 2014-09-25 14:16:31.420 Date:  
 2014-09-25 14:16:31.420 Fix Type: 1-D  
 2014-09-25 14:16:31.420 Height:  
 2014-09-25 14:16:31.420 Latitude:  
 2014-09-25 14:16:31.420 Longitude:  
 2014-09-25 14:16:31.420 On Time: 0min  
 2014-09-25 14:16:31.420 Sat. Used: 0  
 2014-09-25 14:16:31.420 In View: 0  
 2014-09-25 14:16:31.420 Checksum Errors: 0  
 2014-09-25 14:16:31.420 Last GPS timemark: 2014-09-25 14:16:29  
 2014-09-25 14:16:31.420 PLL Status  
 2014-09-25 14:16:31.420 State: Lock  
 2014-09-25 14:16:31.420 Initial VCO: 2201.266602  
 2014-09-25 14:16:31.420 Time Error: 0.000000  
 2014-09-25 14:16:31.420 RMS VCO: 0.0000000  
 2014-09-25 14:16:31.420 Best VCO: 2201.20  
 2014-09-25 14:16:31.420 Seconds Since Track or Lock: 0.0  
 2014-09-25 14:16:31.420 Vco Control: 2202  
 2014-09-25 14:16:31.420 timing mode: external seascan  
 2014-09-25 14:16:31.420 tempco normal  
 2014-09-25 14:16:31.420 PLL update: 10s PLL lock criterion: 5us  
 2014-09-25 14:16:31.420 Pfrac: 150.00  
 2014-09-25 14:16:31.420 VCO slope: -0.0175000  
 2014-09-25 14:16:31.420 VCO intercept: 7.1100001  
 2014-09-25 14:16:31.420 km delta: 600.0000000  
 2014-09-25 14:16:31.420 Logical Port 4 Status  
 2014-09-25 14:16:31.420 Data Packets Sent: 16821695  
 2014-09-25 14:16:31.420 Flood Packets Sent: 0  
 2014-09-25 14:16:31.420 Packets Re-Sent: 26680  
 2014-09-25 14:16:31.420 Sequence Errors: 0  
 2014-09-25 14:16:31.420 Packet Buffer Used: 23694272  
 2014-09-25 14:16:31.420 Physical Port: Ethernet  
 2014-09-25 14:16:31.420 Baler Model: 14 Software Version: 2.28  
 2014-09-25 14:16:31.420 MAC Address: 00:04:FB:00:02:EA  
 2014-09-25 14:16:31.420 Disk Size: 20000669696  
 2014-09-25 14:16:31.420 Percent of 1177 data files in use: 33.1  
 2014-09-25 14:16:31.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-25 14:16:31.420 Channel Sensitivities (uV per count):  
 2014-09-25 14:16:31.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-25 14:16:31.420 Digitizer Calibration Results:  
 2014-09-25 14:16:31.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-25 14:16:31.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-25 14:16:31.420 DMU1 Software Version=10  
 2014-09-25 14:16:31.420 Supply Voltage=12.7  
 2014-09-25 14:16:31.420 Supply Current=0.40  
 2014-09-25 14:16:31.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-25 14:16:31.420 webLink Data Maps Restored  
 2014-09-25 14:16:31.420 [2014-09-25 02:14:45.000000] sequence resumes: 14861394 to 14861394  
 2014-09-25 14:16:31.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-25 14:16:30  
 2014-09-25 14:22:31.730 Reducing Status Polling Interval  
 2014-09-25 14:22:31.730 [2014-09-25 14:22:30.999998] total packets received: 68338  
 2014-09-25 14:22:31.730 [2014-09-25 14:22:30.999998] command timeouts: 6  
 2014-09-25 14:22:31.730 [2014-09-25 14:22:30.999998] out of window: 65  
 2014-09-25 14:22:31.730 written: HHZ-1285 HH1-1434 HH2-1553 BDH-450 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-25 14:22:31.730 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-28  
 VMZ-2 VM1-2  
 2014-09-25 14:22:31.730 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-09-25 14:22:31.730 [2014-09-25 14:22:30.999998] Done: 4870 recs. seq end:

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14905060. run: 357 s
2014-09-26 02:23:25.390
2014-09-26 02:23:25.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-26 02:23:25.390 Control Port 2491 Opened
2014-09-26 02:23:25.390 Baler ready on Ethernet
2014-09-26 02:23:25.390 Power Cycled Baler Acknowledged
2014-09-26 02:23:25.390 Commands Accepted by Q330
2014-09-26 02:23:25.390 Access timeout: 300 sec
2014-09-26 02:23:25.390 Control Port 4023 Opened
2014-09-26 02:23:25.390 Data Port 4024 Opened
2014-09-26 02:23:25.390 Registered with Q330
2014-09-26 02:23:25.390 Combination Record Received
2014-09-26 02:23:25.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-26 02:23:25.390 Link Reset, starting window sequence: 45415
2014-09-26 02:23:25.390 GPS Receiver ID Received
2014-09-26 02:23:25.390 Manufacturer's Data Received, Property Tag=2017
2014-09-26 02:23:25.390 Digitizer Gain & Offsets Received
2014-09-26 02:23:25.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4870 recs.
seq end: 14905060
2014-09-26 02:23:25.390 Baler clock set to 2014-09-26 02:23:24
2014-09-26 02:23:25.390 Starting to Read DP Tokens
2014-09-26 02:23:25.390 DP Tokens loaded, size=1474 bytes
2014-09-26 02:23:25.390 webserver advertising 192.168.200.119:5380
2014-09-26 02:23:25.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-26 02:23:25.390 filters & delay HH1:2@100,Linear all=0.320000
2014-09-26 02:23:25.390 filters & delay HH2:3@100,Linear all=0.320000
2014-09-26 02:23:25.390 filters & delay BDH:4@20,Linear all=1.650000
2014-09-26 02:23:25.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-26 02:23:25.390 filters & delay LH1:2@1,Linear all=15.000000
2014-09-26 02:23:25.390 filters & delay LH2:3@1,Linear all=15.000000
2014-09-26 02:23:25.390 filters & delay LDH:4@1,Linear all=15.000000
2014-09-26 02:23:25.390 [2014-09-25 14:22:30.999998] continuity found: 14905060
464970151.000000 Q=100
2014-09-26 02:23:25.390 [2014-09-25 14:22:30.999998] restoring continuity
2014-09-26 02:23:25.390 Sending DT_OPEN
2014-09-26 02:23:25.390 Station: XX-2017
2014-09-26 02:23:25.390 Q330 Serial Number: 0100000DB18FC351
2014-09-26 02:23:25.390 AMB Serial Number: 0100000B6909DD82
2014-09-26 02:23:25.390 Seismo 1 Serial Number: 0000000000000000
2014-09-26 02:23:25.390 Seismo 2 Serial Number: 0000000000000000
2014-09-26 02:23:25.390 QAPCHP 1 Serial Number: 4643206
2014-09-26 02:23:25.390 QAPCHP 2 Serial Number: 3743050
2014-09-26 02:23:25.390 KMI Property Tag Number: 2017
2014-09-26 02:23:25.390 System Software Version: 1.146
2014-09-26 02:23:25.390 Slave Processor Version: 1.11
2014-09-26 02:23:25.390 Calibrator Type: QCAL330
2014-09-26 02:23:25.390 Calibrator Version: 1.8
2014-09-26 02:23:25.390 Auxiliary Board Type: None
2014-09-26 02:23:25.390 Clock Type: Motorola M12
2014-09-26 02:23:25.390 PLD Version: 7.9
2014-09-26 02:23:25.390 Total Hours: 69294.90
2014-09-26 02:23:25.390 Power On Hours: 33925.29
2014-09-26 02:23:25.390 Time of Last Boot: 2014-04-06 02:03:58
2014-09-26 02:23:25.390 Total Number of Boots: 120
2014-09-26 02:23:25.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-26 02:23:25.390 Total Number of Re-Syncs: 213
2014-09-26 02:23:25.390 Status Inputs: 00000000
2014-09-26 02:23:25.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-26 02:23:25.390 Clock Quality: 100%
2014-09-26 02:23:25.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-26 02:23:25.390 Clock Phase: 0 usec. max allowed=50000
2014-09-26 02:23:25.390 Boom positions:
2014-09-26 02:23:25.390 ch1: -2 ch2: -5 ch3: 9 ch4: 20 ch5: 20 ch6: 20

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2014-09-26 02:23:25.390 Analog Status
2014-09-26 02:23:25.390 Analog Positive Supply: 5.46V
2014-09-26 02:23:25.390 Input Voltage: 13.20V
2014-09-26 02:23:25.390 System Temperature: 5C
2014-09-26 02:23:25.390 Main Current: 62ma
2014-09-26 02:23:25.390 Antenna Current: 0ma
2014-09-26 02:23:25.390 GPS Status
2014-09-26 02:23:25.390 Time: 02:23:24
2014-09-26 02:23:25.390 Date:
2014-09-26 02:23:25.390 Fix Type: 1-D
2014-09-26 02:23:25.390 Height:
2014-09-26 02:23:25.390 Latitude:
2014-09-26 02:23:25.390 Longitude:
2014-09-26 02:23:25.390 On Time: 0min
2014-09-26 02:23:25.390 Sat. Used: 0
2014-09-26 02:23:25.390 In View: 0
2014-09-26 02:23:25.390 Checksum Errors: 0
2014-09-26 02:23:25.390 Last GPS timemark: 2014-09-26 02:23:23
2014-09-26 02:23:25.390 PLL Status
2014-09-26 02:23:25.390 State: Lock
2014-09-26 02:23:25.390 Initial VCO: 2201.009033
2014-09-26 02:23:25.390 Time Error: 0.000000
2014-09-26 02:23:25.390 RMS VCO: 0.0000000
2014-09-26 02:23:25.390 Best VCO: 2201.00
2014-09-26 02:23:25.390 Seconds Since Track or Lock: 0.0
2014-09-26 02:23:25.390 Vco Control: 2201
2014-09-26 02:23:25.390 timing mode: external seascan
2014-09-26 02:23:25.390 tempco normal
2014-09-26 02:23:25.390 PLL update: 10s PLL lock criterion: 5us
2014-09-26 02:23:25.390 Pfrac: 150.00
2014-09-26 02:23:25.390 VCO slope: -0.0175000
2014-09-26 02:23:25.390 VCO intercept: 7.1100001
2014-09-26 02:23:25.390 km delta: 600.0000000
2014-09-26 02:23:25.390 Logical Port 4 Status
2014-09-26 02:23:25.390 Data Packets Sent: 16889936
2014-09-26 02:23:25.390 Packets Re-Sent: 26762
2014-09-26 02:23:25.390 Sequence Errors: 0
2014-09-26 02:23:25.390 Packet Buffer Used: 23984944
2014-09-26 02:23:25.390 Physical Port: Ethernet
2014-09-26 02:23:25.390 Baler Model: 14 Software Version: 2.28
2014-09-26 02:23:25.390 MAC Address: 00:04:FB:00:02:EA
2014-09-26 02:23:25.390 Disk Size: 20000669696
2014-09-26 02:23:25.390 Percent of 1177 data files in use: 33.2
2014-09-26 02:23:25.390 Channels Enabled: 1234 Preamps ON channels:
2014-09-26 02:23:25.390 Channel Sensitivities (uV per count):
2014-09-26 02:23:25.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-26 02:23:25.390 Digitizer Calibration Results:
2014-09-26 02:23:25.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-26 02:23:25.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-26 02:23:25.390 DMU1 Software Version=10
2014-09-26 02:23:25.390 Supply Voltage=12.6
2014-09-26 02:23:25.390 Supply Current=0.41
2014-09-26 02:23:25.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-26 02:23:25.390 webLink Data Maps Restored
2014-09-26 02:23:25.390 [2014-09-25 14:22:30.999998] sequence resumes: 14905060 to
14905060
2014-09-26 02:23:25.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-26 02:23:24
2014-09-26 02:28:19.240 [2014-09-26 00:00:00.000000] Saving Configuration to Backup
Memory
2014-09-26 02:29:30.040 Reducing Status Polling Interval
2014-09-26 02:29:30.040 [2014-09-26 02:29:28.999998] total packets received: 67492
2014-09-26 02:29:30.040 [2014-09-26 02:29:28.999998] command timeouts: 6

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2014-09-26 02:29:30.040 [2014-09-26 02:29:28.999998] out of window: 72
2014-09-26 02:29:30.040 written: HHZ-1313 HH1-1470 HH2-1558 BDH-453 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-09-26 02:29:30.040 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-29
VMZ-1 VM1-1
2014-09-26 02:29:30.040 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-09-26 02:29:30.040 [2014-09-26 02:29:28.999998] Done: 4935 recs. seq end:
14948678. run: 361 s
2014-09-26 14:30:23.370
2014-09-26 14:30:23.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-26 14:30:23.370 Control Port 2491 Opened
2014-09-26 14:30:23.370 Baler ready on Ethernet
2014-09-26 14:30:23.370 Power Cycled Baler Acknowledged
2014-09-26 14:30:23.370 Commands Accepted by Q330
2014-09-26 14:30:23.370 Access timeout: 300 sec
2014-09-26 14:30:23.370 Control Port 4023 Opened
2014-09-26 14:30:23.370 Data Port 4024 Opened
2014-09-26 14:30:23.370 Registered with Q330
2014-09-26 14:30:23.370 Combination Record Received
2014-09-26 14:30:23.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-26 14:30:23.370 Link Reset, starting window sequence: 47262
2014-09-26 14:30:23.370 GPS Receiver ID Received
2014-09-26 14:30:23.370 Manufacturer's Data Received, Property Tag=2017
2014-09-26 14:30:23.370 Digitizer Gain & Offsets Received
2014-09-26 14:30:23.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4935 recs.
seq end: 14948678
2014-09-26 14:30:23.370 Baler clock set to 2014-09-26 14:30:22
2014-09-26 14:30:23.370 Starting to Read DP Tokens
2014-09-26 14:30:23.370 DP Tokens loaded, size=1474 bytes
2014-09-26 14:30:23.370 Webserver advertising 192.168.200.119:5380
2014-09-26 14:30:23.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-26 14:30:23.370 filters & delay HH1:2@100,Linear all=0.320000
2014-09-26 14:30:23.370 filters & delay HH2:3@100,Linear all=0.320000
2014-09-26 14:30:23.370 filters & delay BDH:4@20,Linear all=1.650000
2014-09-26 14:30:23.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-26 14:30:23.370 filters & delay LH1:2@1,Linear all=15.000000
2014-09-26 14:30:23.370 filters & delay LH2:3@1,Linear all=15.000000
2014-09-26 14:30:23.370 filters & delay LDH:4@1,Linear all=15.000000
2014-09-26 14:30:23.370 [2014-09-26 02:29:28.999998] continuity found: 14948678
465013769.000000 Q=100
2014-09-26 14:30:23.370 [2014-09-26 02:29:28.999998] restoring continuity
2014-09-26 14:30:23.370 Sending DT_OPEN
2014-09-26 14:30:23.370 Station: XX-2017
2014-09-26 14:30:23.370 Q330 Serial Number: 0100000DB18FC351
2014-09-26 14:30:23.370 AMB Serial Number: 0100000B6909DD82
2014-09-26 14:30:23.370 Seismo 1 Serial Number: 0000000000000000
2014-09-26 14:30:23.370 Seismo 2 Serial Number: 0000000000000000
2014-09-26 14:30:23.370 QAPCHP 1 Serial Number: 4643206
2014-09-26 14:30:23.370 QAPCHP 2 Serial Number: 3743050
2014-09-26 14:30:23.370 KMI Property Tag Number: 2017
2014-09-26 14:30:23.370 System Software Version: 1.146
2014-09-26 14:30:23.370 Slave Processor Version: 1.11
2014-09-26 14:30:23.370 Calibrator Type: QCAL330
2014-09-26 14:30:23.370 Calibrator Version: 1.8
2014-09-26 14:30:23.370 Auxiliary Board Type: None
2014-09-26 14:30:23.370 Clock Type: Motorola M12
2014-09-26 14:30:23.370 PLD Version: 7.9
2014-09-26 14:30:23.370 Total Hours: 69307.02
2014-09-26 14:30:23.370 Power On Hours: 33937.40
2014-09-26 14:30:23.370 Time of Last Boot: 2014-04-06 02:03:58
2014-09-26 14:30:23.370 Total Number of Boots: 120
2014-09-26 14:30:23.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-26 14:30:23.370 Total Number of Re-Syncs: 213

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2014-09-26 14:30:23.370 Status Inputs: 00000000  
 2014-09-26 14:30:23.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-26 14:30:23.370 Clock Quality: 100%  
 2014-09-26 14:30:23.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-26 14:30:23.370 Clock Phase: 0 usec. max allowed=50000  
 2014-09-26 14:30:23.370 Boom positions:  
 2014-09-26 14:30:23.370 ch1: -2 ch2: -6 ch3: 10 ch4: 20 ch5: 20 ch6: 20  
 2014-09-26 14:30:23.370 Analog Status  
 2014-09-26 14:30:23.370 Analog Positive Supply: 5.46V  
 2014-09-26 14:30:23.370 Input Voltage: 13.35V  
 2014-09-26 14:30:23.370 System Temperature: 5C  
 2014-09-26 14:30:23.370 Main Current: 62ma  
 2014-09-26 14:30:23.370 Antenna Current: 0ma  
 2014-09-26 14:30:23.370 GPS Status  
 2014-09-26 14:30:23.370 Time: 14:30:22  
 2014-09-26 14:30:23.370 Date:  
 2014-09-26 14:30:23.370 Fix Type: 1-D  
 2014-09-26 14:30:23.370 Height:  
 2014-09-26 14:30:23.370 Latitude:  
 2014-09-26 14:30:23.370 Longitude:  
 2014-09-26 14:30:23.370 On Time: 0min  
 2014-09-26 14:30:23.370 Sat. Used: 0  
 2014-09-26 14:30:23.370 In View: 0  
 2014-09-26 14:30:23.370 Checksum Errors: 0  
 2014-09-26 14:30:23.370 Last GPS timemark: 2014-09-26 14:30:21  
 2014-09-26 14:30:23.370 PLL Status  
 2014-09-26 14:30:23.370 State: Lock  
 2014-09-26 14:30:23.370 Initial VCO: 2200.565918  
 2014-09-26 14:30:23.370 Time Error: 0.000002  
 2014-09-26 14:30:23.370 RMS VCO: 0.0000000  
 2014-09-26 14:30:23.370 Best VCO: 2200.17  
 2014-09-26 14:30:23.370 Seconds Since Track or Lock: 0.0  
 2014-09-26 14:30:23.370 Vco Control: 2200  
 2014-09-26 14:30:23.370 timing mode: external seascan  
 2014-09-26 14:30:23.370 tempco normal  
 2014-09-26 14:30:23.370 PLL update: 10s PLL lock criterion: 5us  
 2014-09-26 14:30:23.370 Pfrac: 150.00  
 2014-09-26 14:30:23.370 VCO slope: -0.0175000  
 2014-09-26 14:30:23.370 VCO intercept: 7.1100001  
 2014-09-26 14:30:23.370 km delta: 600.0000000  
 2014-09-26 14:30:23.370 Logical Port 4 Status  
 2014-09-26 14:30:23.370 Data Packets Sent: 16957324  
 2014-09-26 14:30:23.370 Flood Packets Sent: 0  
 2014-09-26 14:30:23.370 Packets Re-Sent: 26848  
 2014-09-26 14:30:23.370 Sequence Errors: 0  
 2014-09-26 14:30:23.370 Packet Buffer Used: 23525496  
 2014-09-26 14:30:23.370 Physical Port: Ethernet  
 2014-09-26 14:30:23.370 Baler Model: 14 Software Version: 2.28  
 2014-09-26 14:30:23.370 MAC Address: 00:04:FB:00:02:EA  
 2014-09-26 14:30:23.370 Disk Size: 20000669696  
 2014-09-26 14:30:23.370 Percent of 1177 data files in use: 33.3  
 2014-09-26 14:30:23.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-26 14:30:23.370 Channel Sensitivities (uV per count):  
 2014-09-26 14:30:23.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-26 14:30:23.370 Digitizer Calibration Results:  
 2014-09-26 14:30:23.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-26 14:30:23.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-26 14:30:23.370 DMU1 Software Version=10  
 2014-09-26 14:30:23.370 Supply Voltage=12.7  
 2014-09-26 14:30:23.370 Supply Current=0.40  
 2014-09-26 14:30:23.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-26 14:30:23.370 WebLink Data Maps Restored  
 2014-09-26 14:30:23.370 [2014-09-26 02:29:28.999998] sequence resumes: 14948678 to

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14948678
2014-09-26 14:30:23.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-26 14:30:22
2014-09-26 14:36:22.200 Reducing Status Polling Interval
2014-09-26 14:36:22.200 [2014-09-26 14:36:20.999998] total packets received: 65473
2014-09-26 14:36:22.200 [2014-09-26 14:36:20.999998] command timeouts: 6
2014-09-26 14:36:22.200 [2014-09-26 14:36:20.999998] out of window: 72
2014-09-26 14:36:22.200 written: HHZ-1225 HH1-1504 HH2-1506 BDH-451 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-26 14:36:22.200 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-28
VMZ-2 VM1-2
2014-09-26 14:36:22.200 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-09-26 14:36:22.200 [2014-09-26 14:36:20.999998] Done: 4833 recs. seq end:
14992290. run: 356 s
2014-09-27 02:37:17.350
2014-09-27 02:37:17.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-27 02:37:17.350 Control Port 2491 Opened
2014-09-27 02:37:17.350 Baler ready on Ethernet
2014-09-27 02:37:17.350 Power Cycled Baler Acknowledged
2014-09-27 02:37:17.350 Commands Accepted by Q330
2014-09-27 02:37:17.350 Access timeout: 300 sec
2014-09-27 02:37:17.350 Control Port 4023 Opened
2014-09-27 02:37:17.350 Data Port 4024 Opened
2014-09-27 02:37:17.350 Registered with Q330
2014-09-27 02:37:17.350 Combination Record Received
2014-09-27 02:37:17.350 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-27 02:37:17.350 Link Reset, starting window sequence: 47090
2014-09-27 02:37:17.350 GPS Receiver ID Received
2014-09-27 02:37:17.350 Manufacturer's Data Received, Property Tag=2017
2014-09-27 02:37:17.350 Digitizer Gain & Offsets Received
2014-09-27 02:37:17.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4833 recs.
seq end: 14992290
2014-09-27 02:37:17.350 Baler clock set to 2014-09-27 02:37:16
2014-09-27 02:37:17.350 Starting to Read DP Tokens
2014-09-27 02:37:17.350 DP Tokens loaded, size=1474 bytes
2014-09-27 02:37:17.350 Webserver advertising 192.168.200.119:5380
2014-09-27 02:37:17.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-27 02:37:17.350 filters & delay HH1:2@100,Linear all=0.320000
2014-09-27 02:37:17.350 filters & delay HH2:3@100,Linear all=0.320000
2014-09-27 02:37:17.350 filters & delay BDH:4@20,Linear all=1.650000
2014-09-27 02:37:17.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-27 02:37:17.350 filters & delay LH1:2@1,Linear all=15.000000
2014-09-27 02:37:17.350 filters & delay LH2:3@1,Linear all=15.000000
2014-09-27 02:37:17.350 filters & delay LDH:4@1,Linear all=15.000000
2014-09-27 02:37:17.350 [2014-09-26 14:36:20.999998] continuity found: 14992290
465057381.000000 Q=100
2014-09-27 02:37:17.350 [2014-09-26 14:36:20.999998] restoring continuity
2014-09-27 02:37:17.350 Sending DT_OPEN
2014-09-27 02:37:17.350 Station: XX-2017
2014-09-27 02:37:17.350 Q330 Serial Number: 0100000DB18FC351
2014-09-27 02:37:17.350 AMB Serial Number: 0100000B6909DD82
2014-09-27 02:37:17.350 Seismo 1 Serial Number: 0000000000000000
2014-09-27 02:37:17.350 Seismo 2 Serial Number: 0000000000000000
2014-09-27 02:37:17.350 QAPCHP 1 Serial Number: 4643206
2014-09-27 02:37:17.350 QAPCHP 2 Serial Number: 3743050
2014-09-27 02:37:17.350 KMI Property Tag Number: 2017
2014-09-27 02:37:17.350 Slave Processor Version: 1.11
2014-09-27 02:37:17.350 Calibrator Type: QCAL330
2014-09-27 02:37:17.350 Calibrator Version: 1.8
2014-09-27 02:37:17.350 Auxiliary Board Type: None
2014-09-27 02:37:17.350 Clock Type: Motorola M12
2014-09-27 02:37:17.350 PLD Version: 7.9
2014-09-27 02:37:17.350 Total Hours: 69319.13

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2014-09-27 02:37:17.350 Power On Hours: 33949.52  
 2014-09-27 02:37:17.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-27 02:37:17.350 Total Number of Boots: 120  
 2014-09-27 02:37:17.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-27 02:37:17.350 Total Number of Re-Syncs: 213  
 2014-09-27 02:37:17.350 Status Inputs: 00000000  
 2014-09-27 02:37:17.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-27 02:37:17.350 Clock Quality: 100%  
 2014-09-27 02:37:17.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-27 02:37:17.350 Clock Phase: 1 usec. max allowed=50000  
 2014-09-27 02:37:17.350 Boom positions:  
 2014-09-27 02:37:17.350 Ch1: -2 Ch2: -7 Ch3: 11 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-27 02:37:17.350 Analog Status  
 2014-09-27 02:37:17.350 Analog Positive Supply: 5.46v  
 2014-09-27 02:37:17.350 Input Voltage: 13.20V  
 2014-09-27 02:37:17.350 System Temperature: 5C  
 2014-09-27 02:37:17.350 Main Current: 63ma  
 2014-09-27 02:37:17.350 Antenna Current: 0ma  
 2014-09-27 02:37:17.350 GPS Status  
 2014-09-27 02:37:17.350 Time: 02:37:16  
 2014-09-27 02:37:17.350 Date:  
 2014-09-27 02:37:17.350 Fix Type: 1-D  
 2014-09-27 02:37:17.350 Height:  
 2014-09-27 02:37:17.350 Latitude:  
 2014-09-27 02:37:17.350 Longitude:  
 2014-09-27 02:37:17.350 On Time: 0min  
 2014-09-27 02:37:17.350 Sat. Used: 0  
 2014-09-27 02:37:17.350 In View: 0  
 2014-09-27 02:37:17.350 Checksum Errors: 0  
 2014-09-27 02:37:17.350 Last GPS timemark: 2014-09-27 02:37:15  
 2014-09-27 02:37:17.350 PLL Status  
 2014-09-27 02:37:17.350 State: Lock  
 2014-09-27 02:37:17.350 Initial VCO: 2201.250732  
 2014-09-27 02:37:17.350 Time Error: 0.000000  
 2014-09-27 02:37:17.350 RMS VCO: 0.0000000  
 2014-09-27 02:37:17.350 Best VCO: 2201.24  
 2014-09-27 02:37:17.350 Seconds Since Track or Lock: 0.0  
 2014-09-27 02:37:17.350 Vco Control: 2201  
 2014-09-27 02:37:17.350 timing mode: external seascan  
 2014-09-27 02:37:17.350 tempco normal  
 2014-09-27 02:37:17.350 PLL update: 10s PLL lock criterion: 5us  
 2014-09-27 02:37:17.350 Pfrac: 150.00  
 2014-09-27 02:37:17.350 VCO slope: -0.0175000  
 2014-09-27 02:37:17.350 VCO intercept: 7.1100001  
 2014-09-27 02:37:17.350 Km delta: 600.0000000  
 2014-09-27 02:37:17.350 Logical Port 4 Status  
 2014-09-27 02:37:17.350 Data Packets Sent: 17022693  
 2014-09-27 02:37:17.350 Flood Packets Sent: 0  
 2014-09-27 02:37:17.350 Packets Re-Sent: 26936  
 2014-09-27 02:37:17.350 Sequence Errors: 0  
 2014-09-27 02:37:17.350 Packet Buffer Used: 23288468  
 2014-09-27 02:37:17.350 Physical Port: Ethernet  
 2014-09-27 02:37:17.350 Baler Model: 14 Software Version: 2.28  
 2014-09-27 02:37:17.350 MAC Address: 00:04:FB:00:02:EA  
 2014-09-27 02:37:17.350 Disk Size: 20000669696  
 2014-09-27 02:37:17.350 Percent of 1177 data files in use: 33.3  
 2014-09-27 02:37:17.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-27 02:37:17.350 Channel Sensitivities (uV per count):  
 2014-09-27 02:37:17.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-27 02:37:17.350 Digitizer Calibration Results:  
 2014-09-27 02:37:17.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-27 02:37:17.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-27 02:37:17.350 DMU1 Software Version=10

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2014-09-27 02:37:17.350 Supply Voltage=12.7  
 2014-09-27 02:37:17.350 Supply Current=0.41  
 2014-09-27 02:37:17.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-27 02:37:17.350 WebLink Data Maps Restored  
 2014-09-27 02:37:17.350 [2014-09-26 14:36:20.999998] sequence resumes: 14992290 to 14992290  
 2014-09-27 02:37:17.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-27 02:37:16  
 2014-09-27 02:41:44.670 [2014-09-27 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-09-27 02:43:05.910 Reducing Status Polling Interval  
 2014-09-27 02:43:05.910 [2014-09-27 02:43:04.999998] total packets received: 59910  
 2014-09-27 02:43:05.910 [2014-09-27 02:43:04.999998] command timeouts: 6  
 2014-09-27 02:43:05.910 [2014-09-27 02:43:04.999998] out of window: 67  
 2014-09-27 02:43:05.910 written: HHZ-1218 HH1-1490 HH2-1473 BDH-451 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-09-27 02:43:05.910 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-30  
 VMZ-2 VM1-2  
 2014-09-27 02:43:05.910 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-09-27 02:43:05.910 [2014-09-27 02:43:04.999998] Done: 4781 recs. seq end: 15035894. run: 345 s  
 2014-09-27 14:44:00.390  
 2014-09-27 14:44:00.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-27 14:44:00.390 Control Port 2491 Opened  
 2014-09-27 14:44:00.390 Baler ready on Ethernet  
 2014-09-27 14:44:00.390 Power Cycled Baler Acknowledged  
 2014-09-27 14:44:00.390 Commands Accepted by Q330  
 2014-09-27 14:44:00.390 Access timeout: 300 sec  
 2014-09-27 14:44:00.390 Control Port 4023 Opened  
 2014-09-27 14:44:00.390 Data Port 4024 Opened  
 2014-09-27 14:44:00.390 Registered with Q330  
 2014-09-27 14:44:00.390 Combination Record Received  
 2014-09-27 14:44:00.390 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-27 14:44:00.390 Link Reset, starting window sequence: 41360  
 2014-09-27 14:44:00.390 GPS Receiver ID Received  
 2014-09-27 14:44:00.390 Manufacturer's Data Received, Property Tag=2017  
 2014-09-27 14:44:00.390 Digitizer Gain & Offsets Received  
 2014-09-27 14:44:00.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4781 recs. seq end: 15035894  
 2014-09-27 14:44:00.390 Baler clock set to 2014-09-27 14:43:59  
 2014-09-27 14:44:00.390 Starting to Read DP Tokens  
 2014-09-27 14:44:00.390 DP Tokens loaded, size=1474 bytes  
 2014-09-27 14:44:00.390 Webserver advertising 192.168.200.119:5380  
 2014-09-27 14:44:00.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-27 14:44:00.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-27 14:44:00.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-27 14:44:00.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-27 14:44:00.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-27 14:44:00.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-27 14:44:00.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-27 14:44:00.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-27 14:44:00.390 [2014-09-27 02:43:04.999998] continuity found: 15035894  
 465100985.000000 q=100  
 2014-09-27 14:44:00.390 [2014-09-27 02:43:04.999998] restoring continuity  
 2014-09-27 14:44:00.390 Sending DT\_OPEN  
 2014-09-27 14:44:00.390 Station: XX-2017  
 2014-09-27 14:44:00.390 Q330 Serial Number: 0100000DB18FC351  
 2014-09-27 14:44:00.390 AMB Serial Number: 0100000B6909DD82  
 2014-09-27 14:44:00.390 Seismo 1 Serial Number: 0000000000000000  
 2014-09-27 14:44:00.390 Seismo 2 Serial Number: 0000000000000000  
 2014-09-27 14:44:00.390 QAPCHP 1 Serial Number: 4643206  
 2014-09-27 14:44:00.390 QAPCHP 2 Serial Number: 3743050  
 2014-09-27 14:44:00.390 KMI Property Tag Number: 2017

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2014-09-27 14:44:00.390 System Software Version: 1.146  
 2014-09-27 14:44:00.390 Slave Processor Version: 1.11  
 2014-09-27 14:44:00.390 Calibrator Type: QCAL330  
 2014-09-27 14:44:00.390 Calibrator Version: 1.8  
 2014-09-27 14:44:00.390 Auxiliary Board Type: None  
 2014-09-27 14:44:00.390 Clock Type: Motorola M12  
 2014-09-27 14:44:00.390 PLD Version: 7.9  
 2014-09-27 14:44:00.390 Total Hours: 69331.24  
 2014-09-27 14:44:00.390 Power On Hours: 33961.63  
 2014-09-27 14:44:00.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-27 14:44:00.390 Total Number of Boots: 120  
 2014-09-27 14:44:00.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-27 14:44:00.390 Total Number of Re-Syncs: 213  
 2014-09-27 14:44:00.390 Status Inputs: 00000000  
 2014-09-27 14:44:00.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-27 14:44:00.390 Clock Quality: 100%  
 2014-09-27 14:44:00.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-27 14:44:00.390 Clock Phase: 0 usec. max allowed=50000  
 2014-09-27 14:44:00.390 Boom positions:  
 2014-09-27 14:44:00.390 ch1: -2 ch2: -8 ch3: 11 ch4: 20 ch5: 20 ch6: 20  
 2014-09-27 14:44:00.390 Analog Status  
 2014-09-27 14:44:00.390 Analog Positive Supply: 5.46V  
 2014-09-27 14:44:00.390 Input Voltage: 13.35V  
 2014-09-27 14:44:00.390 System Temperature: 5C  
 2014-09-27 14:44:00.390 Main Current: 62ma  
 2014-09-27 14:44:00.390 Antenna Current: 0ma  
 2014-09-27 14:44:00.390 GPS Status  
 2014-09-27 14:44:00.390 Time: 14:43:59  
 2014-09-27 14:44:00.390 Date:  
 2014-09-27 14:44:00.390 Fix Type: 1-D  
 2014-09-27 14:44:00.390 Height:  
 2014-09-27 14:44:00.390 Latitude:  
 2014-09-27 14:44:00.390 Longitude:  
 2014-09-27 14:44:00.390 On Time: 0min  
 2014-09-27 14:44:00.390 Sat. Used: 0  
 2014-09-27 14:44:00.390 In View: 0  
 2014-09-27 14:44:00.390 Checksum Errors: 0  
 2014-09-27 14:44:00.390 Last GPS timemark: 2014-09-27 14:43:58  
 2014-09-27 14:44:00.390 PLL Status  
 2014-09-27 14:44:00.390 State: Lock  
 2014-09-27 14:44:00.390 Initial VCO: 2201.521240  
 2014-09-27 14:44:00.390 Time Error: 0.000000  
 2014-09-27 14:44:00.390 RMS VCO: 0.000000  
 2014-09-27 14:44:00.390 Best VCO: 2201.52  
 2014-09-27 14:44:00.390 Seconds Since Track or Lock: 0.0  
 2014-09-27 14:44:00.390 Vco Control: 2202  
 2014-09-27 14:44:00.390 timing mode: external seascan  
 2014-09-27 14:44:00.390 tempco normal  
 2014-09-27 14:44:00.390 PLL update: 10s PLL lock criterion: 5us  
 2014-09-27 14:44:00.390 Pfrac: 150.00  
 2014-09-27 14:44:00.390 VCO slope: -0.0175000  
 2014-09-27 14:44:00.390 VCO intercept: 7.1100001  
 2014-09-27 14:44:00.390 Km delta: 600.0000000  
 2014-09-27 14:44:00.390 Logical Port 4 Status  
 2014-09-27 14:44:00.390 Data Packets Sent: 17082505  
 2014-09-27 14:44:00.390 Flood Packets Sent: 0  
 2014-09-27 14:44:00.390 Packets Re-Sent: 27017  
 2014-09-27 14:44:00.390 Sequence Errors: 0  
 2014-09-27 14:44:00.390 Packet Buffer Used: 22986224  
 2014-09-27 14:44:00.390 Physical Port: Ethernet  
 2014-09-27 14:44:00.390 Baler Model: 14 Software Version: 2.28  
 2014-09-27 14:44:00.390 MAC Address: 00:04:FB:00:02:EA  
 2014-09-27 14:44:00.390 Disk Size: 20000669696

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2014-09-27 14:44:00.390 Percent of 1177 data files in use: 33.5
2014-09-27 14:44:00.390 Channels Enabled: 1234 Preamps ON channels:
2014-09-27 14:44:00.390 Channel Sensitivities (uV per count):
2014-09-27 14:44:00.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-27 14:44:00.390 Digitizer Calibration Results:
2014-09-27 14:44:00.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-27 14:44:00.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-27 14:44:00.390 DMU1 Software Version=10
2014-09-27 14:44:00.390 Supply Voltage=12.7
2014-09-27 14:44:00.390 Supply Current=0.41
2014-09-27 14:44:00.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-27 14:44:00.390 WebLink Data Maps Restored
2014-09-27 14:44:00.390 [2014-09-27 02:43:04.999998] sequence resumes: 15035894 to
15035894
2014-09-27 14:44:00.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-27 14:43:59
2014-09-27 14:49:43.670 Reducing Status Polling Interval
2014-09-27 14:49:43.670 [2014-09-27 14:49:41.999998] total packets received: 54789
2014-09-27 14:49:43.670 [2014-09-27 14:49:41.999998] command timeouts: 6
2014-09-27 14:49:43.670 [2014-09-27 14:49:41.999998] out of window: 72
2014-09-27 14:49:43.670 written: HHZ-1195 HH1-1490 HH2-1433 BDH-448 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-09-27 14:49:43.670 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-27
VMZ-1 VM1-1
2014-09-27 14:49:43.670 [2014-09-27 14:49:41.999998] Done: 4705 recs. seq end:
15079491. run: 339 s
2014-09-28 02:50:36.350
2014-09-28 02:50:36.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-28 02:50:36.350 Control Port 2491 Opened
2014-09-28 02:50:36.350 Baler ready on Ethernet
2014-09-28 02:50:36.350 Power Cycled Baler Acknowledged
2014-09-28 02:50:36.350 Commands Accepted by Q330
2014-09-28 02:50:36.350 Access timeout: 300 sec
2014-09-28 02:50:36.350 Control Port 4023 Opened
2014-09-28 02:50:36.350 Data Port 4024 Opened
2014-09-28 02:50:36.350 Registered with Q330
2014-09-28 02:50:36.350 Combination Record Received
2014-09-28 02:50:36.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-28 02:50:36.350 Link Reset, starting window sequence: 30504
2014-09-28 02:50:36.350 GPS Receiver ID Received
2014-09-28 02:50:36.350 Manufacturer's Data Received, Property Tag=2017
2014-09-28 02:50:36.350 Digitizer Gain & Offsets Received
2014-09-28 02:50:36.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4705 recs.
seq end: 15079491
2014-09-28 02:50:36.350 Baler clock set to 2014-09-28 02:50:35
2014-09-28 02:50:36.350 Starting to Read DP Tokens
2014-09-28 02:50:36.350 DP Tokens loaded, size=1474 bytes
2014-09-28 02:50:36.350 Webserver advertising 192.168.200.119:5380
2014-09-28 02:50:36.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-28 02:50:36.350 filters & delay HH1:2@100,Linear all=0.320000
2014-09-28 02:50:36.350 filters & delay HH2:3@100,Linear all=0.320000
2014-09-28 02:50:36.350 filters & delay BDH:4@20,Linear all=1.650000
2014-09-28 02:50:36.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-28 02:50:36.350 filters & delay LH1:2@1,Linear all=15.000000
2014-09-28 02:50:36.350 filters & delay LH2:3@1,Linear all=15.000000
2014-09-28 02:50:36.350 filters & delay LDH:4@1,Linear all=15.000000
2014-09-28 02:50:36.350 [2014-09-27 14:49:41.999998] continuity found: 15079491
465144582.000000 Q=100
2014-09-28 02:50:36.350 [2014-09-27 14:49:41.999998] restoring continuity
2014-09-28 02:50:36.350 Sending DT_OPEN
2014-09-28 02:50:36.350 Station: XX-2017
2014-09-28 02:50:36.350 Q330 Serial Number: 0100000DB18FC351
2014-09-28 02:50:36.350 AMB Serial Number: 0100000B6909DD82

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2014-09-28 02:50:36.350 Seismo 1 Serial Number: 0000000000000000  
 2014-09-28 02:50:36.350 Seismo 2 Serial Number: 0000000000000000  
 2014-09-28 02:50:36.350 QAPCHP 1 Serial Number: 4643206  
 2014-09-28 02:50:36.350 QAPCHP 2 Serial Number: 3743050  
 2014-09-28 02:50:36.350 KMI Property Tag Number: 2017  
 2014-09-28 02:50:36.350 System Software Version: 1.146  
 2014-09-28 02:50:36.350 Slave Processor Version: 1.11  
 2014-09-28 02:50:36.350 Calibrator Type: QCAL330  
 2014-09-28 02:50:36.350 Calibrator Version: 1.8  
 2014-09-28 02:50:36.350 Auxiliary Board Type: None  
 2014-09-28 02:50:36.350 Clock Type: Motorola M12  
 2014-09-28 02:50:36.350 PLD Version: 7.9  
 2014-09-28 02:50:36.350 Total Hours: 69343.36  
 2014-09-28 02:50:36.350 Power On Hours: 33973.74  
 2014-09-28 02:50:36.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-28 02:50:36.350 Total Number of Boots: 120  
 2014-09-28 02:50:36.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-28 02:50:36.350 Total Number of Re-Syncs: 213  
 2014-09-28 02:50:36.350 Status Inputs: 00000000  
 2014-09-28 02:50:36.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-28 02:50:36.350 Clock Quality: 100%  
 2014-09-28 02:50:36.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-28 02:50:36.350 Clock Phase: 0 usec. max allowed=50000  
 2014-09-28 02:50:36.350 Boom positions:  
 2014-09-28 02:50:36.350 ch1: -2 ch2: -9 ch3: 11 ch4: 20 ch5: 20 ch6: 20  
 2014-09-28 02:50:36.350 Analog Status  
 2014-09-28 02:50:36.350 Analog Positive Supply: 5.46V  
 2014-09-28 02:50:36.350 Input Voltage: 13.20V  
 2014-09-28 02:50:36.350 System Temperature: 5C  
 2014-09-28 02:50:36.350 Main Current: 62ma  
 2014-09-28 02:50:36.350 Antenna Current: 0ma  
 2014-09-28 02:50:36.350 GPS Status  
 2014-09-28 02:50:36.350 Time: 02:50:35  
 2014-09-28 02:50:36.350 Date:  
 2014-09-28 02:50:36.350 Fix Type: 1-D  
 2014-09-28 02:50:36.350 Height:  
 2014-09-28 02:50:36.350 Latitude:  
 2014-09-28 02:50:36.350 Longitude:  
 2014-09-28 02:50:36.350 On Time: 0min  
 2014-09-28 02:50:36.350 Sat. Used: 0  
 2014-09-28 02:50:36.350 In View: 0  
 2014-09-28 02:50:36.350 Checksum Errors: 0  
 2014-09-28 02:50:36.350 Last GPS timemark: 2014-09-28 02:50:34  
 2014-09-28 02:50:36.350 PLL Status  
 2014-09-28 02:50:36.350 State: Lock  
 2014-09-28 02:50:36.350 Initial VCO: 2201.729736  
 2014-09-28 02:50:36.350 Time Error: 0.000000  
 2014-09-28 02:50:36.350 RMS VCO: 0.000000  
 2014-09-28 02:50:36.350 Best VCO: 2201.80  
 2014-09-28 02:50:36.350 Seconds Since Track or Lock: 0.0  
 2014-09-28 02:50:36.350 Vco Control: 2202  
 2014-09-28 02:50:36.350 timing mode: external seascan  
 2014-09-28 02:50:36.350 tempco normal  
 2014-09-28 02:50:36.350 PLL update: 10s PLL lock criterion: 5us  
 2014-09-28 02:50:36.350 Pfrac: 150.00  
 2014-09-28 02:50:36.350 VCO slope: -0.0175000  
 2014-09-28 02:50:36.350 VCO intercept: 7.1100001  
 2014-09-28 02:50:36.350 km delta: 600.000000  
 2014-09-28 02:50:36.350 Logical Port 4 Status  
 2014-09-28 02:50:36.350 Data Packets Sent: 17137191  
 2014-09-28 02:50:36.350 Flood Packets Sent: 0  
 2014-09-28 02:50:36.350 Packets Re-Sent: 27103  
 2014-09-28 02:50:36.350 Sequence Errors: 0



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2014-09-28 02:50:36.350 Packet Buffer Used: 22747048
2014-09-28 02:50:36.350 Physical Port: Ethernet
2014-09-28 02:50:36.350 Baler Model: 14   Software Version: 2.28
2014-09-28 02:50:36.350 MAC Address: 00:04:FB:00:02:EA
2014-09-28 02:50:36.350 Disk Size: 20000669696
2014-09-28 02:50:36.350 Percent of 1177 data files in use: 33.6
2014-09-28 02:50:36.350 Channels Enabled: 1234   Preamps ON channels:
2014-09-28 02:50:36.350 Channel Sensitivities (uV per count):
2014-09-28 02:50:36.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-28 02:50:36.350 Digitizer Calibration Results:
2014-09-28 02:50:36.350 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-09-28 02:50:36.350 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-09-28 02:50:36.350 DMU1 Software Version=10
2014-09-28 02:50:36.350 Supply Voltage=12.7
2014-09-28 02:50:36.350 Supply Current=0.40
2014-09-28 02:50:36.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-28 02:50:36.350 webLink Data Maps Restored
2014-09-28 02:50:36.350 [2014-09-27 14:49:41.999998] sequence resumes: 15079491 to
15079491
2014-09-28 02:50:36.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-28 02:50:35
2014-09-28 02:54:53.400 [2014-09-28 00:00:00.000001] saving Configuration to Backup
Memory
2014-09-28 02:56:14.360 Reducing Status Polling Interval
2014-09-28 02:56:14.360 [2014-09-28 02:56:13.999998] total packets received: 51998
2014-09-28 02:56:14.360 [2014-09-28 02:56:13.999998] command timeouts: 6
2014-09-28 02:56:14.360 [2014-09-28 02:56:13.999998] out of window: 62
2014-09-28 02:56:14.360 written: HHZ-1178 HH1-1451 HH2-1435 BDH-439 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-28 02:56:14.360 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-09-28 02:56:14.360 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-09-28 02:56:14.360 [2014-09-28 02:56:13.999998] Done: 4650 recs. seq end:
15123083. run: 334 s
2014-09-28 14:57:08.350
2014-09-28 14:57:08.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-28 14:57:08.350 Control Port 2491 Opened
2014-09-28 14:57:08.350 Baler ready on Ethernet
2014-09-28 14:57:08.350 Power Cycled Baler Acknowledged
2014-09-28 14:57:08.350 Commands Accepted by Q330
2014-09-28 14:57:08.350 Access timeout: 300 sec
2014-09-28 14:57:08.350 Control Port 4023 Opened
2014-09-28 14:57:08.350 Data Port 4024 Opened
2014-09-28 14:57:08.350 Registered with Q330
2014-09-28 14:57:08.350 Combination Record Received
2014-09-28 14:57:08.350 Window=4   Min. Timeout=10   Max. Timeout=30
2014-09-28 14:57:08.350 Link Reset, starting window sequence: 16868
2014-09-28 14:57:08.350 GPS Receiver ID Received
2014-09-28 14:57:08.350 Manufacturer's Data Received, Property Tag=2017
2014-09-28 14:57:08.350 Digitizer Gain & Offsets Received
2014-09-28 14:57:08.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4650 recs.
seq end: 15123083
2014-09-28 14:57:08.350 Baler clock set to 2014-09-28 14:57:07
2014-09-28 14:57:08.350 Starting to Read DP Tokens
2014-09-28 14:57:08.350 DP Tokens loaded, size=1474 bytes
2014-09-28 14:57:08.350 Webserver advertising 192.168.200.119:5380
2014-09-28 14:57:08.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-28 14:57:08.350 filters & delay HH1:2@100,Linear all=0.320000
2014-09-28 14:57:08.350 filters & delay HH2:3@100,Linear all=0.320000
2014-09-28 14:57:08.350 filters & delay BDH:4@20,Linear all=1.650000
2014-09-28 14:57:08.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-28 14:57:08.350 filters & delay LH1:2@1,Linear all=15.000000
2014-09-28 14:57:08.350 filters & delay LH2:3@1,Linear all=15.000000

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2014-09-28 14:57:08.350 filters & delay LDH:4@1,Linear all=15.000000
2014-09-28 14:57:08.350 [2014-09-28 02:56:13.999998] continuity found: 15123083
465188174.000000 q=100
2014-09-28 14:57:08.350 [2014-09-28 02:56:13.999998] restoring continuity
2014-09-28 14:57:08.350 Sending DT_OPEN
2014-09-28 14:57:08.350 Station: XX-2017
2014-09-28 14:57:08.350 Q330 Serial Number: 0100000DB18FC351
2014-09-28 14:57:08.350 AMB Serial Number: 0100000B6909DD82
2014-09-28 14:57:08.350 Seismo 1 Serial Number: 0000000000000000
2014-09-28 14:57:08.350 Seismo 2 Serial Number: 0000000000000000
2014-09-28 14:57:08.350 QAPCHP 1 Serial Number: 4643206
2014-09-28 14:57:08.350 QAPCHP 2 Serial Number: 3743050
2014-09-28 14:57:08.350 KMI Property Tag Number: 2017
2014-09-28 14:57:08.350 System Software Version: 1.146
2014-09-28 14:57:08.350 Slave Processor Version: 1.11
2014-09-28 14:57:08.350 Calibrator Type: QCAL330
2014-09-28 14:57:08.350 Calibrator Version: 1.8
2014-09-28 14:57:08.350 Auxiliary Board Type: None
2014-09-28 14:57:08.350 Clock Type: Motorola M12
2014-09-28 14:57:08.350 PLD Version: 7.9
2014-09-28 14:57:08.350 Total Hours: 69355.46
2014-09-28 14:57:08.350 Power On Hours: 33985.85
2014-09-28 14:57:08.350 Time of Last Boot: 2014-04-06 02:03:58
2014-09-28 14:57:08.350 Total Number of Boots: 120
2014-09-28 14:57:08.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-28 14:57:08.350 Total Number of Re-Syncs: 213
2014-09-28 14:57:08.350 Status Inputs: 00000000
2014-09-28 14:57:08.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-09-28 14:57:08.350 Clock Quality: 100%
2014-09-28 14:57:08.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-28 14:57:08.350 Clock Phase: 0 usec. max allowed=50000
2014-09-28 14:57:08.350 Boom positions:
2014-09-28 14:57:08.350 ch1: -2 ch2: -10 ch3: 13 ch4: 20 ch5: 20 ch6: 20
2014-09-28 14:57:08.350 Analog Status
2014-09-28 14:57:08.350 Analog Positive Supply: 5.46v
2014-09-28 14:57:08.350 Input Voltage: 13.20V
2014-09-28 14:57:08.350 System Temperature: 5C
2014-09-28 14:57:08.350 Main Current: 62ma
2014-09-28 14:57:08.350 Antenna Current: 0ma
2014-09-28 14:57:08.350 GPS Status
2014-09-28 14:57:08.350 Time: 14:57:07
2014-09-28 14:57:08.350 Date:
2014-09-28 14:57:08.350 Fix Type: 1-D
2014-09-28 14:57:08.350 Height:
2014-09-28 14:57:08.350 Latitude:
2014-09-28 14:57:08.350 Longitude:
2014-09-28 14:57:08.350 On Time: 0min
2014-09-28 14:57:08.350 Sat. Used: 0
2014-09-28 14:57:08.350 In View: 0
2014-09-28 14:57:08.350 Checksum Errors: 0
2014-09-28 14:57:08.350 Last GPS timemark: 2014-09-28 14:57:06
2014-09-28 14:57:08.350 State: Lock
2014-09-28 14:57:08.350 Initial VCO: 2201.465088
2014-09-28 14:57:08.350 Time Error: 0.000000
2014-09-28 14:57:08.350 RMS VCO: 0.0000000
2014-09-28 14:57:08.350 Best VCO: 2201.57
2014-09-28 14:57:08.350 Seconds Since Track or Lock: 0.0
2014-09-28 14:57:08.350 vco Control: 2201
2014-09-28 14:57:08.350 timing mode: external seascan
2014-09-28 14:57:08.350 tempco normal
2014-09-28 14:57:08.350 PLL update: 10s PLL lock criterion: 5us
2014-09-28 14:57:08.350 Pfrac: 150.00
2014-09-28 14:57:08.350 VCO slope: -0.0175000

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2014-09-28 14:57:08.350 VCO intercept: 7.1100001
2014-09-28 14:57:08.350 Km delta: 600.0000000
2014-09-28 14:57:08.350 Logical Port 4 Status
2014-09-28 14:57:08.350 Data Packets Sent: 17189096
2014-09-28 14:57:08.350 Flood Packets Sent: 0
2014-09-28 14:57:08.350 Packets Re-Sent: 27181
2014-09-28 14:57:08.350 Sequence Errors: 0
2014-09-28 14:57:08.350 Packet Buffer Used: 22032400
2014-09-28 14:57:08.350 Physical Port: Ethernet
2014-09-28 14:57:08.350 Baler Model: 14 Software Version: 2.28
2014-09-28 14:57:08.350 MAC Address: 00:04:FB:00:02:EA
2014-09-28 14:57:08.350 Disk Size: 20000669696
2014-09-28 14:57:08.350 Percent of 1177 data files in use: 33.6
2014-09-28 14:57:08.350 Channels Enabled: 1234 Preamps ON channels:
2014-09-28 14:57:08.350 Channel Sensitivities (uV per count):
2014-09-28 14:57:08.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-28 14:57:08.350 Digitizer Calibration Results:
2014-09-28 14:57:08.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-28 14:57:08.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-28 14:57:08.350 DMU1 Software Version=10
2014-09-28 14:57:08.350 Supply Voltage=12.7
2014-09-28 14:57:08.350 Supply Current=0.41
2014-09-28 14:57:08.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-28 14:57:08.350 WebLink Data Maps Restored
2014-09-28 14:57:08.350 [2014-09-28 02:56:13.999998] sequence resumes: 15123083 to
15123083
2014-09-28 14:57:08.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-28 14:57:07
2014-09-28 15:02:39.280 [2014-09-28 15:02:37.999998] total packets received: 44694
2014-09-28 15:02:39.280 [2014-09-28 15:02:37.999998] command timeouts: 6
2014-09-28 15:02:39.280 [2014-09-28 15:02:37.999998] out of window: 77
2014-09-28 15:02:39.280 written: HHZ-1141 HH1-1388 HH2-1382 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-28 15:02:39.280 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-09-28 15:02:39.280 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-09-28 15:02:39.280 [2014-09-28 15:02:37.999998] Done: 4482 recs. seq end:
15166667. run: 325 s
2014-09-29 03:03:31.400
2014-09-29 03:03:31.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-29 03:03:31.400 Control Port 2491 Opened
2014-09-29 03:03:31.400 Baler ready on Ethernet
2014-09-29 03:03:31.400 Power Cycled Baler Acknowledged
2014-09-29 03:03:31.400 Commands Accepted by Q330
2014-09-29 03:03:31.400 Access timeout: 300 sec
2014-09-29 03:03:31.400 Control Port 4023 Opened
2014-09-29 03:03:31.400 Data Port 4024 Opened
2014-09-29 03:03:31.400 Registered with Q330
2014-09-29 03:03:31.400 Combination Record Received
2014-09-29 03:03:31.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-29 03:03:31.400 Link Reset, starting window sequence: 61450
2014-09-29 03:03:31.400 GPS Receiver ID Received
2014-09-29 03:03:31.400 Manufacturer's Data Received, Property Tag=2017
2014-09-29 03:03:31.400 Digitizer Gain & Offsets Received
2014-09-29 03:03:31.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4482 recs.
seq end: 15166667
2014-09-29 03:03:31.400 Baler clock set to 2014-09-29 03:03:30
2014-09-29 03:03:31.400 Starting to Read DP Tokens
2014-09-29 03:03:31.400 DP Tokens loaded, size=1474 bytes
2014-09-29 03:03:31.400 webserver advertising 192.168.200.119:5380
2014-09-29 03:03:31.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-29 03:03:31.400 filters & delay HH1:2@100,Linear all=0.320000
2014-09-29 03:03:31.400 filters & delay HH2:3@100,Linear all=0.320000

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2014-09-29 03:03:31.400 filters & delay BDH:4@20,Linear all=1.650000
2014-09-29 03:03:31.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-29 03:03:31.400 filters & delay LH1:2@1,Linear all=15.000000
2014-09-29 03:03:31.400 filters & delay LH2:3@1,Linear all=15.000000
2014-09-29 03:03:31.400 filters & delay LDH:4@1,Linear all=15.000000
2014-09-29 03:03:31.400 [2014-09-28 15:02:37.999998] continuity found: 15166667
465231758.000000 Q=100
2014-09-29 03:03:31.400 [2014-09-28 15:02:37.999998] restoring continuity
2014-09-29 03:03:31.400 Sending DT_OPEN
2014-09-29 03:03:31.400 Station: XX-2017
2014-09-29 03:03:31.400 Q330 Serial Number: 0100000DB18FC351
2014-09-29 03:03:31.400 AMB Serial Number: 0100000B6909DD82
2014-09-29 03:03:31.400 Seismo 1 Serial Number: 0000000000000000
2014-09-29 03:03:31.400 Seismo 2 Serial Number: 0000000000000000
2014-09-29 03:03:31.400 QAPCHP 1 Serial Number: 4643206
2014-09-29 03:03:31.400 QAPCHP 2 Serial Number: 3743050
2014-09-29 03:03:31.400 KMI Property Tag Number: 2017
2014-09-29 03:03:31.400 System Software Version: 1.146
2014-09-29 03:03:31.400 Slave Processor Version: 1.11
2014-09-29 03:03:31.400 Calibrator Type: QCAL330
2014-09-29 03:03:31.400 Calibrator Version: 1.8
2014-09-29 03:03:31.400 Auxiliary Board Type: None
2014-09-29 03:03:31.400 Clock Type: Motorola M12
2014-09-29 03:03:31.400 PLD Version: 7.9
2014-09-29 03:03:31.400 Total Hours: 69367.57
2014-09-29 03:03:31.400 Power On Hours: 33997.96
2014-09-29 03:03:31.400 Time of Last Boot: 2014-04-06 02:03:58
2014-09-29 03:03:31.400 Total Number of Boots: 120
2014-09-29 03:03:31.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-29 03:03:31.400 Total Number of Re-Syncs: 213
2014-09-29 03:03:31.400 Status Inputs: 00000000
2014-09-29 03:03:31.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-29 03:03:31.400 Clock Quality: 100%
2014-09-29 03:03:31.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-29 03:03:31.400 Clock Phase: 0 usec. max allowed=50000
2014-09-29 03:03:31.400 Boom positions:
2014-09-29 03:03:31.400 ch1: -2 ch2: -11 ch3: 13 ch4: 20 ch5: 20 ch6: 20
2014-09-29 03:03:31.400 Analog Status
2014-09-29 03:03:31.400 Analog Positive Supply: 5.46V
2014-09-29 03:03:31.400 Input Voltage: 13.35V
2014-09-29 03:03:31.400 System Temperature: 5C
2014-09-29 03:03:31.400 Main Current: 62ma
2014-09-29 03:03:31.400 Antenna Current: 0ma
2014-09-29 03:03:31.400 GPS Status
2014-09-29 03:03:31.400 Time: 03:03:30
2014-09-29 03:03:31.400 Date:
2014-09-29 03:03:31.400 Fix Type: 1-D
2014-09-29 03:03:31.400 Height:
2014-09-29 03:03:31.400 Latitude:
2014-09-29 03:03:31.400 Longitude:
2014-09-29 03:03:31.400 On Time: 0min
2014-09-29 03:03:31.400 Sat. Used: 0
2014-09-29 03:03:31.400 In View: 0
2014-09-29 03:03:31.400 Checksum Errors: 0
2014-09-29 03:03:31.400 Last GPS timemark: 2014-09-29 03:03:29
2014-09-29 03:03:31.400 PLL Status
2014-09-29 03:03:31.400 State: Lock
2014-09-29 03:03:31.400 Initial VCO: 2201.748291
2014-09-29 03:03:31.400 Time Error: 0.000000
2014-09-29 03:03:31.400 RMS VCO: 0.000000
2014-09-29 03:03:31.400 Best VCO: 2201.80
2014-09-29 03:03:31.400 Seconds Since Track or Lock: 0.0
2014-09-29 03:03:31.400 vco control: 2202

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2014-09-29 03:03:31.400 timing mode: external seascan
2014-09-29 03:03:31.400 tempco normal
2014-09-29 03:03:31.400 PLL update: 10s PLL lock criterion: 5us
2014-09-29 03:03:31.400 Pfrac: 150.00
2014-09-29 03:03:31.400 VCO slope: -0.0175000
2014-09-29 03:03:31.400 VCO intercept: 7.1100001
2014-09-29 03:03:31.400 km delta: 600.0000000
2014-09-29 03:03:31.400 Logical Port 4 Status
2014-09-29 03:03:31.400 Data Packets Sent: 17233683
2014-09-29 03:03:31.400 Flood Packets Sent: 0
2014-09-29 03:03:31.400 Packets Re-Sent: 27273
2014-09-29 03:03:31.400 Sequence Errors: 0
2014-09-29 03:03:31.400 Packet Buffer Used: 21969364
2014-09-29 03:03:31.400 Physical Port: Ethernet
2014-09-29 03:03:31.400 Baler Model: 14 Software Version: 2.28
2014-09-29 03:03:31.400 MAC Address: 00:04:FB:00:02:EA
2014-09-29 03:03:31.400 Disk Size: 20000669696
2014-09-29 03:03:31.400 Percent of 1177 data files in use: 33.9
2014-09-29 03:03:31.400 Channels Enabled: 1234 Preamps ON channels:
2014-09-29 03:03:31.400 Channel Sensitivities (uV per count):
2014-09-29 03:03:31.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-29 03:03:31.400 Digitizer Calibration Results:
2014-09-29 03:03:31.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-29 03:03:31.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-29 03:03:31.400 DMU1 Software Version=10
2014-09-29 03:03:31.400 Supply Voltage=12.8
2014-09-29 03:03:31.400 Supply Current=0.40
2014-09-29 03:03:31.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-29 03:03:31.400 webLink Data Maps Restored
2014-09-29 03:03:31.400 [2014-09-28 15:02:37.999998] sequence resumes: 15166667 to
15166667
2014-09-29 03:03:31.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-09-29 03:03:30
2014-09-29 03:07:39.450 [2014-09-29 00:00:00.000000] saving Configuration to Backup
Memory
2014-09-29 03:09:00.900 [2014-09-29 03:08:59.999998] total packets received: 47840
2014-09-29 03:09:00.900 [2014-09-29 03:08:59.999998] command timeouts: 6
2014-09-29 03:09:00.900 [2014-09-29 03:08:59.999998] out of window: 71
2014-09-29 03:09:00.900 written: HHZ-1170 HH1-1345 HH2-1376 BDH-426 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-09-29 03:09:00.900 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-09-29 03:09:00.900 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-09-29 03:09:00.900 [2014-09-29 03:08:59.999998] Done: 4454 recs. seq end:
15210249. run: 325 s
2014-09-29 15:09:53.410
2014-09-29 15:09:53.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-29 15:09:53.410 Control Port 2491 Opened
2014-09-29 15:09:53.410 Baler ready on Ethernet
2014-09-29 15:09:53.410 Power Cycled Baler Acknowledged
2014-09-29 15:09:53.410 Commands Accepted by Q330
2014-09-29 15:09:53.410 Access timeout: 300 sec
2014-09-29 15:09:53.410 Control Port 4023 Opened
2014-09-29 15:09:53.410 Data Port 4024 Opened
2014-09-29 15:09:53.410 Registered with Q330
2014-09-29 15:09:53.410 Combination Record Received
2014-09-29 15:09:53.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-09-29 15:09:53.410 Link Reset, starting window sequence: 43648
2014-09-29 15:09:53.410 GPS Receiver ID Received
2014-09-29 15:09:53.410 Manufacturer's Data Received, Property Tag=2017
2014-09-29 15:09:53.410 Digitizer Gain & Offsets Received
2014-09-29 15:09:53.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4454 recs.
seq end: 15210249

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2014-09-29 15:09:53.410 Baler clock set to 2014-09-29 15:09:52  
 2014-09-29 15:09:53.410 Starting to Read DP Tokens  
 2014-09-29 15:09:53.410 DP Tokens loaded, size=1474 bytes  
 2014-09-29 15:09:53.410 Webserver advertising 192.168.200.119:5380  
 2014-09-29 15:09:53.410 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-29 15:09:53.410 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-29 15:09:53.410 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-29 15:09:53.410 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-29 15:09:53.410 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-29 15:09:53.410 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-29 15:09:53.410 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-29 15:09:53.410 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-29 15:09:53.410 [2014-09-29 03:08:59.999998] restoring continuity  
 2014-09-29 15:09:53.410 Sending DT\_OPEN  
 2014-09-29 15:09:53.410 Station: XX-2017  
 2014-09-29 15:09:53.410 Q330 Serial Number: 0100000DB18FC351  
 2014-09-29 15:09:53.410 AMB Serial Number: 0100000B6909DD82  
 2014-09-29 15:09:53.410 Seismo 1 Serial Number: 0000000000000000  
 2014-09-29 15:09:53.410 Seismo 2 Serial Number: 0000000000000000  
 2014-09-29 15:09:53.410 QAPCHP 1 Serial Number: 4643206  
 2014-09-29 15:09:53.410 QAPCHP 2 Serial Number: 3743050  
 2014-09-29 15:09:53.410 KMI Property Tag Number: 2017  
 2014-09-29 15:09:53.410 System Software Version: 1.146  
 2014-09-29 15:09:53.410 Slave Processor Version: 1.11  
 2014-09-29 15:09:53.410 Calibrator Type: QCAL330  
 2014-09-29 15:09:53.410 Calibrator Version: 1.8  
 2014-09-29 15:09:53.410 Auxiliary Board Type: None  
 2014-09-29 15:09:53.410 Clock Type: Motorola M12  
 2014-09-29 15:09:53.410 PLD Version: 7.9  
 2014-09-29 15:09:53.410 Total Hours: 69379.68  
 2014-09-29 15:09:53.410 Power On Hours: 34010.06  
 2014-09-29 15:09:53.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-29 15:09:53.410 Total Number of Boots: 120  
 2014-09-29 15:09:53.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-29 15:09:53.410 Total Number of Re-Syncs: 213  
 2014-09-29 15:09:53.410 Status Inputs: 00000000  
 2014-09-29 15:09:53.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-29 15:09:53.410 Clock Quality: 100%  
 2014-09-29 15:09:53.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-29 15:09:53.410 Clock Phase: 0 usec. max allowed=50000  
 2014-09-29 15:09:53.410 Boom positions:  
 2014-09-29 15:09:53.410 Ch1: -2 Ch2: -12 Ch3: 15 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-09-29 15:09:53.410 Analog Status  
 2014-09-29 15:09:53.410 Analog Positive Supply: 5.44V  
 2014-09-29 15:09:53.410 Input Voltage: 13.35V  
 2014-09-29 15:09:53.410 System Temperature: 5C  
 2014-09-29 15:09:53.410 Main Current: 63ma  
 2014-09-29 15:09:53.410 Antenna Current: 0ma  
 2014-09-29 15:09:53.410 GPS Status  
 2014-09-29 15:09:53.410 Time: 15:09:52  
 2014-09-29 15:09:53.410 Date:  
 2014-09-29 15:09:53.410 Fix Type: 1-D  
 2014-09-29 15:09:53.410 Height:  
 2014-09-29 15:09:53.410 Latitude:  
 2014-09-29 15:09:53.410 Longitude:  
 2014-09-29 15:09:53.410 On Time: 0min  
 2014-09-29 15:09:53.410 Sat. Used: 0  
 2014-09-29 15:09:53.410 In View: 0  
 2014-09-29 15:09:53.410 Checksum Errors: 0  
 2014-09-29 15:09:53.410 Last GPS timemark: 2014-09-29 15:09:51  
 2014-09-29 15:09:53.410 PLL Status  
 2014-09-29 15:09:53.410 State: Lock  
 2014-09-29 15:09:53.410 Initial VCO: 2201.694092

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2014-09-29 15:09:53.410 Time Error: 0.000000  
 2014-09-29 15:09:53.410 RMS VCO: 0.0000000  
 2014-09-29 15:09:53.410 Best VCO: 2201.77  
 2014-09-29 15:09:53.410 Seconds Since Track or Lock: 0.0  
 2014-09-29 15:09:53.410 Vco Control: 2202  
 2014-09-29 15:09:53.410 timing mode: external seascan  
 2014-09-29 15:09:53.410 tempco normal  
 2014-09-29 15:09:53.410 PLL update: 10s PLL lock criterion: 5us  
 2014-09-29 15:09:53.410 Pfrac: 150.00  
 2014-09-29 15:09:53.410 VCO slope: -0.0175000  
 2014-09-29 15:09:53.410 VCO intercept: 7.1100001  
 2014-09-29 15:09:53.410 km delta: 600.0000000  
 2014-09-29 15:09:53.410 Logical Port 4 Status  
 2014-09-29 15:09:53.410 Data Packets Sent: 17281422  
 2014-09-29 15:09:53.410 Flood Packets Sent: 0  
 2014-09-29 15:09:53.410 Packets Re-Sent: 27359  
 2014-09-29 15:09:53.410 Sequence Errors: 0  
 2014-09-29 15:09:53.410 Packet Buffer Used: 22038504  
 2014-09-29 15:09:53.410 Physical Port: Ethernet  
 2014-09-29 15:09:53.410 Baler Model: 14 Software Version: 2.28  
 2014-09-29 15:09:53.410 MAC Address: 00:04:FB:00:02:EA  
 2014-09-29 15:09:53.410 Disk Size: 20000669696  
 2014-09-29 15:09:53.410 Percent of 1177 data files in use: 33.9  
 2014-09-29 15:09:53.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-29 15:09:53.410 Channel Sensitivities (uV per count):  
 2014-09-29 15:09:53.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-29 15:09:53.410 Digitizer Calibration Results:  
 2014-09-29 15:09:53.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-29 15:09:53.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-29 15:09:53.410 DMU1 Software Version=10  
 2014-09-29 15:09:53.410 Supply Voltage=12.8  
 2014-09-29 15:09:53.410 Supply Current=0.41  
 2014-09-29 15:09:53.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-29 15:09:53.410 WebLink Data Maps Restored  
 2014-09-29 15:09:53.410 [2014-09-29 03:08:59.999998] sequence resumes: 15210249 to 15210249  
 2014-09-29 15:09:53.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-09-29 15:09:52  
 2014-09-29 15:15:19.940 Reducing Status Polling Interval  
 2014-09-29 15:15:19.940 [2014-09-29 15:15:18.999998] total packets received: 46879  
 2014-09-29 15:15:19.940 [2014-09-29 15:15:18.999998] command timeouts: 6  
 2014-09-29 15:15:19.940 [2014-09-29 15:15:18.999998] out of window: 67  
 2014-09-29 15:15:19.940 written: HHZ-1136 HH1-1412 HH2-1397 BDH-412 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-09-29 15:15:19.940 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-09-29 15:15:19.940 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-09-29 15:15:19.940 [2014-09-29 15:15:18.999998] Done: 4494 recs. seq end: 15253828. run: 322 s  
 2014-09-30 03:16:12.400  
 2014-09-30 03:16:12.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-09-30 03:16:12.400 Control Port 2491 Opened  
 2014-09-30 03:16:12.400 Baler ready on Ethernet  
 2014-09-30 03:16:12.400 Power Cycled Baler Acknowledged  
 2014-09-30 03:16:12.400 Commands Accepted by Q330  
 2014-09-30 03:16:12.400 Access timeout: 300 sec  
 2014-09-30 03:16:12.400 Control Port 4023 Opened  
 2014-09-30 03:16:12.400 Data Port 4024 Opened  
 2014-09-30 03:16:12.400 Registered with Q330  
 2014-09-30 03:16:12.400 Combination Record Received  
 2014-09-30 03:16:12.400 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-09-30 03:16:12.400 Link Reset, starting window sequence: 24889  
 2014-09-30 03:16:12.400 GPS Receiver ID Received

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2014-09-30 03:16:12.400 Manufacturer's Data Received, Property Tag=2017  
 2014-09-30 03:16:12.400 Digitizer Gain & Offsets Received  
 2014-09-30 03:16:12.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4494 recs.  
 seq end: 15253828  
 2014-09-30 03:16:12.400 Baler clock set to 2014-09-30 03:16:11  
 2014-09-30 03:16:12.400 Starting to Read DP Tokens  
 2014-09-30 03:16:12.400 DP Tokens loaded, size=1474 bytes  
 2014-09-30 03:16:12.400 webserver advertising 192.168.200.119:5380  
 2014-09-30 03:16:12.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-09-30 03:16:12.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-09-30 03:16:12.400 filters & delay HH2:3@100,Linear all=0.320000  
 2014-09-30 03:16:12.400 filters & delay BDH:4@20,Linear all=1.650000  
 2014-09-30 03:16:12.400 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-09-30 03:16:12.400 filters & delay LH1:2@1,Linear all=15.000000  
 2014-09-30 03:16:12.400 filters & delay LH2:3@1,Linear all=15.000000  
 2014-09-30 03:16:12.400 filters & delay LDH:4@1,Linear all=15.000000  
 2014-09-30 03:16:12.400 [2014-09-29 15:15:18.999998] continuity found: 15253828  
 465318919.000000 Q=100  
 2014-09-30 03:16:12.400 [2014-09-29 15:15:18.999998] restoring continuity  
 2014-09-30 03:16:12.400 Sending DT\_OPEN  
 2014-09-30 03:16:12.400 Station: XX-2017  
 2014-09-30 03:16:12.400 Q330 Serial Number: 0100000DB18FC351  
 2014-09-30 03:16:12.400 AMB Serial Number: 0100000B6909DD82  
 2014-09-30 03:16:12.400 Seismo 1 Serial Number: 0000000000000000  
 2014-09-30 03:16:12.400 Seismo 2 Serial Number: 0000000000000000  
 2014-09-30 03:16:12.400 QAPCHP 1 Serial Number: 4643206  
 2014-09-30 03:16:12.400 QAPCHP 2 Serial Number: 3743050  
 2014-09-30 03:16:12.400 KMI Property Tag Number: 2017  
 2014-09-30 03:16:12.400 System Software Version: 1.146  
 2014-09-30 03:16:12.400 Slave Processor Version: 1.11  
 2014-09-30 03:16:12.400 Calibrator Type: QCAL330  
 2014-09-30 03:16:12.400 Calibrator Version: 1.8  
 2014-09-30 03:16:12.400 Auxiliary Board Type: None  
 2014-09-30 03:16:12.400 Clock Type: Motorola M12  
 2014-09-30 03:16:12.400 PLD Version: 7.9  
 2014-09-30 03:16:12.400 Total Hours: 69391.78  
 2014-09-30 03:16:12.400 Power On Hours: 34022.17  
 2014-09-30 03:16:12.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-09-30 03:16:12.400 Total Number of Boots: 120  
 2014-09-30 03:16:12.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-09-30 03:16:12.400 Total Number of Re-Syncs: 213  
 2014-09-30 03:16:12.400 Status Inputs: 00000000  
 2014-09-30 03:16:12.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-09-30 03:16:12.400 Clock Quality: 100%  
 2014-09-30 03:16:12.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-09-30 03:16:12.400 Clock Phase: 0 usec. max allowed=50000  
 2014-09-30 03:16:12.400 Boom positions:  
 2014-09-30 03:16:12.400 ch1: -2 ch2: -13 ch3: 17 ch4: 20 ch5: 20 ch6: 20  
 2014-09-30 03:16:12.400 Analog Status  
 2014-09-30 03:16:12.400 Analog Positive Supply: 5.46V  
 2014-09-30 03:16:12.400 Input Voltage: 13.35V  
 2014-09-30 03:16:12.400 System Temperature: 5C  
 2014-09-30 03:16:12.400 Main Current: 61ma  
 2014-09-30 03:16:12.400 Antenna Current: 0ma  
 2014-09-30 03:16:12.400 GPS Status  
 2014-09-30 03:16:12.400 Time: 03:16:10  
 2014-09-30 03:16:12.400 Date:  
 2014-09-30 03:16:12.400 Fix Type: 1-D  
 2014-09-30 03:16:12.400 Height:  
 2014-09-30 03:16:12.400 Latitude:  
 2014-09-30 03:16:12.400 Longitude:  
 2014-09-30 03:16:12.400 On Time: 0min  
 2014-09-30 03:16:12.400 Sat. Used: 0



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2014-09-30 03:16:12.400 In View: 0
2014-09-30 03:16:12.400 Checksum Errors: 0
2014-09-30 03:16:12.400 Last GPS timemark: 2014-09-30 03:16:09
2014-09-30 03:16:12.400 PLL Status
2014-09-30 03:16:12.400 State: Lock
2014-09-30 03:16:12.400 Initial VCO: 2201.596436
2014-09-30 03:16:12.400 Time Error: 0.000000
2014-09-30 03:16:12.400 RMS VCO: 0.000000
2014-09-30 03:16:12.400 Best VCO: 2201.50
2014-09-30 03:16:12.400 Seconds Since Track or Lock: 0.0
2014-09-30 03:16:12.400 Vco Control: 2201
2014-09-30 03:16:12.400 timing mode: external seascan
2014-09-30 03:16:12.400 tempco normal
2014-09-30 03:16:12.400 PLL update: 10s PLL lock criterion: 5us
2014-09-30 03:16:12.400 Pfrac: 150.00
2014-09-30 03:16:12.400 VCO slope: -0.0175000
2014-09-30 03:16:12.400 VCO intercept: 7.1100001
2014-09-30 03:16:12.400 km delta: 600.0000000
2014-09-30 03:16:12.400 Logical Port 4 Status
2014-09-30 03:16:12.400 Data Packets Sent: 17328204
2014-09-30 03:16:12.400 Flood Packets Sent: 0
2014-09-30 03:16:12.400 Packets Re-Sent: 27439
2014-09-30 03:16:12.400 Sequence Errors: 0
2014-09-30 03:16:12.400 Packet Buffer Used: 22710728
2014-09-30 03:16:12.400 Physical Port: Ethernet
2014-09-30 03:16:12.400 Baler Model: 14 Software Version: 2.28
2014-09-30 03:16:12.400 MAC Address: 00:04:FB:00:02:EA
2014-09-30 03:16:12.400 Disk Size: 20000669696
2014-09-30 03:16:12.400 Percent of 1177 data files in use: 34.0
2014-09-30 03:16:12.400 Channels Enabled: 1234 Preamps ON channels:
2014-09-30 03:16:12.400 Channel Sensitivities (uV per count):
2014-09-30 03:16:12.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-09-30 03:16:12.400 Digitizer Calibration Results:
2014-09-30 03:16:12.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-09-30 03:16:12.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-09-30 03:16:12.400 DMU1 Software Version=10
2014-09-30 03:16:12.400 Supply Voltage=12.7
2014-09-30 03:16:12.400 Supply Current=0.41
2014-09-30 03:16:12.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-09-30 03:16:12.400 WebLink Data Maps Restored
2014-09-30 03:16:12.400 [2014-09-29 15:15:18.999998] sequence resumes: 15253828 to
15253828
2014-09-30 03:20:17.090 [2014-09-30 00:00:00.000000] Saving Configuration to Backup
Memory
2014-09-30 03:21:56.170 Reducing Status Polling Interval
2014-09-30 03:21:56.170 [2014-09-30 03:21:54.999998] total packets received: 53134
2014-09-30 03:21:56.170 [2014-09-30 03:21:54.999998] command timeouts: 6
2014-09-30 03:21:56.170 [2014-09-30 03:21:54.999998] out of window: 75
2014-09-30 03:21:56.170 written: HHZ-1123 HH1-1451 HH2-1534 BDH-413 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-09-30 03:21:56.170 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-09-30 03:21:56.170 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-09-30 03:21:56.170 [2014-09-30 03:21:54.999998] Done: 4663 recs. seq end:
15297424. run: 339 s
2014-09-30 15:22:47.360
2014-09-30 15:22:47.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-09-30 15:22:47.360 Control Port 2491 Opened
2014-09-30 15:22:47.360 Baler ready on Ethernet
2014-09-30 15:22:47.360 Power Cycled Baler Acknowledged
2014-09-30 15:22:47.360 Commands Accepted by Q330
2014-09-30 15:22:47.360 Access timeout: 300 sec
2014-09-30 15:22:47.360 Control Port 4023 Opened

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2014-09-30 15:22:47.360 Data Port 4024 Opened
2014-09-30 15:22:47.360 Registered with Q330
2014-09-30 15:22:47.360 Combination Record Received
2014-09-30 15:22:47.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-09-30 15:22:47.360 Link Reset, starting window sequence: 12376
2014-09-30 15:22:47.360 GPS Receiver ID Received
2014-09-30 15:22:47.360 Manufacturer's Data Received, Property Tag=2017
2014-09-30 15:22:47.360 Digitizer Gain & Offsets Received
2014-09-30 15:22:47.360 Msg From 192.168.200.119: Baler XX-2017 readback. 4663 recs.
seq end: 15297424
2014-09-30 15:22:47.360 Baler clock set to 2014-09-30 15:22:46
2014-09-30 15:22:47.360 Starting to Read DP Tokens
2014-09-30 15:22:47.360 DP Tokens loaded, size=1474 bytes
2014-09-30 15:22:47.360 Webserver advertising 192.168.200.119:5380
2014-09-30 15:22:47.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-09-30 15:22:47.360 filters & delay HH1:2@100,Linear all=0.320000
2014-09-30 15:22:47.360 filters & delay HH2:3@100,Linear all=0.320000
2014-09-30 15:22:47.360 filters & delay BDH:4@20,Linear all=1.650000
2014-09-30 15:22:47.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-09-30 15:22:47.360 filters & delay LH1:2@1,Linear all=15.000000
2014-09-30 15:22:47.360 filters & delay LH2:3@1,Linear all=15.000000
2014-09-30 15:22:47.360 filters & delay LDH:4@1,Linear all=15.000000
2014-09-30 15:22:47.360 [2014-09-30 03:21:54.999998] continuity found: 15297424
465362515.000000 Q=100
2014-09-30 15:22:47.360 [2014-09-30 03:21:54.999998] restoring continuity
2014-09-30 15:22:47.360 Sending DT_OPEN
2014-09-30 15:22:47.360 Station: XX-2017
2014-09-30 15:22:47.360 Q330 Serial Number: 0100000DB18FC351
2014-09-30 15:22:47.360 AMB Serial Number: 0100000B6909DD82
2014-09-30 15:22:47.360 Seismo 1 Serial Number: 0000000000000000
2014-09-30 15:22:47.360 Seismo 2 Serial Number: 0000000000000000
2014-09-30 15:22:47.360 QAPCHP 1 Serial Number: 4643206
2014-09-30 15:22:47.360 QAPCHP 2 Serial Number: 3743050
2014-09-30 15:22:47.360 KMI Property Tag Number: 2017
2014-09-30 15:22:47.360 System Software Version: 1.146
2014-09-30 15:22:47.360 Slave Processor Version: 1.11
2014-09-30 15:22:47.360 Calibrator Type: QCAL330
2014-09-30 15:22:47.360 Calibrator Version: 1.8
2014-09-30 15:22:47.360 Auxiliary Board Type: None
2014-09-30 15:22:47.360 Clock Type: Motorola M12
2014-09-30 15:22:47.360 PLD Version: 7.9
2014-09-30 15:22:47.360 Total Hours: 69403.89
2014-09-30 15:22:47.360 Power On Hours: 34034.28
2014-09-30 15:22:47.360 Time of Last Boot: 2014-04-06 02:03:58
2014-09-30 15:22:47.360 Total Number of Boots: 120
2014-09-30 15:22:47.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-09-30 15:22:47.360 Total Number of Re-Syncs: 213
2014-09-30 15:22:47.360 Status Inputs: 00000000
2014-09-30 15:22:47.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-09-30 15:22:47.360 Clock Quality: 100%
2014-09-30 15:22:47.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-09-30 15:22:47.360 Clock Phase: 0 usec. max allowed=50000
2014-09-30 15:22:47.360 Boom positions:
2014-09-30 15:22:47.360 ch1: -2 ch2: -15 ch3: 20 ch4: 20 ch5: 20 ch6: 20
2014-09-30 15:22:47.360 Analog Status
2014-09-30 15:22:47.360 Analog Positive Supply: 5.46V
2014-09-30 15:22:47.360 Input Voltage: 13.20V
2014-09-30 15:22:47.360 System Temperature: 5C
2014-09-30 15:22:47.360 Main Current: 62ma
2014-09-30 15:22:47.360 Antenna Current: 0ma
2014-09-30 15:22:47.360 GPS Status
2014-09-30 15:22:47.360 Time: 15:22:46
2014-09-30 15:22:47.360 Date:

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2014-09-30 15:22:47.360 Fix Type: 1-D  
 2014-09-30 15:22:47.360 Height:  
 2014-09-30 15:22:47.360 Latitude:  
 2014-09-30 15:22:47.360 Longitude:  
 2014-09-30 15:22:47.360 On Time: 0min  
 2014-09-30 15:22:47.360 Sat. Used: 0  
 2014-09-30 15:22:47.360 In View: 0  
 2014-09-30 15:22:47.360 Checksum Errors: 0  
 2014-09-30 15:22:47.360 Last GPS timemark: 2014-09-30 15:22:45  
 2014-09-30 15:22:47.360 PLL Status  
 2014-09-30 15:22:47.360 State: Lock  
 2014-09-30 15:22:47.360 Initial VCO: 2201.434326  
 2014-09-30 15:22:47.360 Time Error: 0.000000  
 2014-09-30 15:22:47.360 RMS VCO: 0.000000  
 2014-09-30 15:22:47.360 Best VCO: 2201.38  
 2014-09-30 15:22:47.360 Seconds Since Track or Lock: 0.0  
 2014-09-30 15:22:47.360 Vco Control: 2201  
 2014-09-30 15:22:47.360 timing mode: external seascan  
 2014-09-30 15:22:47.360 tempco normal  
 2014-09-30 15:22:47.360 PLL update: 10s PLL lock criterion: 5us  
 2014-09-30 15:22:47.360 Pfrac: 150.00  
 2014-09-30 15:22:47.360 VCO slope: -0.0175000  
 2014-09-30 15:22:47.360 VCO intercept: 7.1100001  
 2014-09-30 15:22:47.360 km delta: 600.0000000  
 2014-09-30 15:22:47.360 Logical Port 4 Status  
 2014-09-30 15:22:47.360 Data Packets Sent: 17381232  
 2014-09-30 15:22:47.360 Flood Packets Sent: 0  
 2014-09-30 15:22:47.360 Packets Re-Sent: 27526  
 2014-09-30 15:22:47.360 Sequence Errors: 0  
 2014-09-30 15:22:47.360 Packet Buffer Used: 22690900  
 2014-09-30 15:22:47.360 Physical Port: Ethernet  
 2014-09-30 15:22:47.360 Baler Model: 14 Software Version: 2.28  
 2014-09-30 15:22:47.360 MAC Address: 00:04:FB:00:02:EA  
 2014-09-30 15:22:47.360 Disk Size: 20000669696  
 2014-09-30 15:22:47.360 Percent of 1177 data files in use: 34.2  
 2014-09-30 15:22:47.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-09-30 15:22:47.360 Channel Sensitivities (uV per count):  
 2014-09-30 15:22:47.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-09-30 15:22:47.360 Digitizer Calibration Results:  
 2014-09-30 15:22:47.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-09-30 15:22:47.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-09-30 15:22:47.360 DMU1 Software Version=10  
 2014-09-30 15:22:47.360 Supply Voltage=12.8  
 2014-09-30 15:22:47.360 Supply Current=0.41  
 2014-09-30 15:22:47.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-09-30 15:22:47.360 WebLink Data Maps Restored  
 2014-09-30 15:22:47.360 [2014-09-30 03:21:54.999998] sequence resumes: 15297424 to  
 15297424  
 2014-09-30 15:22:47.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-09-30 15:22:46  
 2014-09-30 15:28:28.010 Reducing Status Polling Interval  
 2014-09-30 15:28:28.010 [2014-09-30 15:28:26.999998] total packets received: 53853  
 2014-09-30 15:28:28.010 [2014-09-30 15:28:26.999998] command timeouts: 6  
 2014-09-30 15:28:28.010 [2014-09-30 15:28:26.999998] out of window: 71  
 2014-09-30 15:28:28.010 written: HHZ-1162 HH1-1443 HH2-1470 BDH-429 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-09-30 15:28:28.010 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-23 LDH-24  
 VMZ-1 VM1-1  
 2014-09-30 15:28:28.010 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-09-30 15:28:28.010 [2014-09-30 15:28:26.999998] Done: 4636 recs. seq end:  
 15341016. run: 336 s  
 2014-10-01 03:29:21.350  
 2014-10-01 03:29:21.350 Quanterra Packet Baler Model 14 Restart. Version 2.28

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2014-10-01 03:29:21.350 Control Port 2491 Opened
2014-10-01 03:29:21.350 Baler ready on Ethernet
2014-10-01 03:29:21.350 Power Cycled Baler Acknowledged
2014-10-01 03:29:21.350 Commands Accepted by Q330
2014-10-01 03:29:21.350 Access timeout: 300 sec
2014-10-01 03:29:21.350 Control Port 4023 Opened
2014-10-01 03:29:21.350 Data Port 4024 Opened
2014-10-01 03:29:21.350 Registered with Q330
2014-10-01 03:29:21.350 Combination Record Received
2014-10-01 03:29:21.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-01 03:29:21.350 Link Reset, starting window sequence: 586
2014-10-01 03:29:21.350 GPS Receiver ID Received
2014-10-01 03:29:21.350 Manufacturer's Data Received, Property Tag=2017
2014-10-01 03:29:21.350 Digitizer Gain & Offsets Received
2014-10-01 03:29:21.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4636 recs.
seq end: 15341016
2014-10-01 03:29:21.350 Baler clock set to 2014-10-01 03:29:20
2014-10-01 03:29:21.350 Starting to Read DP Tokens
2014-10-01 03:29:21.350 DP Tokens loaded, size=1474 bytes
2014-10-01 03:29:21.350 Webserver advertising 192.168.200.119:5380
2014-10-01 03:29:21.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-01 03:29:21.350 filters & delay HH1:2@100,Linear all=0.320000
2014-10-01 03:29:21.350 filters & delay HH2:3@100,Linear all=0.320000
2014-10-01 03:29:21.350 filters & delay BDH:4@20,Linear all=1.650000
2014-10-01 03:29:21.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-01 03:29:21.350 filters & delay LH1:2@1,Linear all=15.000000
2014-10-01 03:29:21.350 filters & delay LH2:3@1,Linear all=15.000000
2014-10-01 03:29:21.350 filters & delay LDH:4@1,Linear all=15.000000
2014-10-01 03:29:21.350 [2014-09-30 15:28:26.999998] continuity found: 15341016
465406107.000000 Q=100
2014-10-01 03:29:21.350 [2014-09-30 15:28:26.999998] restoring continuity
2014-10-01 03:29:21.350 Sending DT_OPEN
2014-10-01 03:29:21.350 Station: XX-2017
2014-10-01 03:29:21.350 Q330 Serial Number: 0100000DB18FC351
2014-10-01 03:29:21.350 AMB Serial Number: 0100000B6909DD82
2014-10-01 03:29:21.350 Seismo 1 Serial Number: 0000000000000000
2014-10-01 03:29:21.350 Seismo 2 Serial Number: 0000000000000000
2014-10-01 03:29:21.350 QAPCHP 1 Serial Number: 4643206
2014-10-01 03:29:21.350 QAPCHP 2 Serial Number: 3743050
2014-10-01 03:29:21.350 KMI Property Tag Number: 2017
2014-10-01 03:29:21.350 System Software Version: 1.146
2014-10-01 03:29:21.350 Slave Processor Version: 1.11
2014-10-01 03:29:21.350 Calibrator Type: QCAL330
2014-10-01 03:29:21.350 Calibrator Version: 1.8
2014-10-01 03:29:21.350 Auxiliary Board Type: None
2014-10-01 03:29:21.350 Clock Type: Motorola M12
2014-10-01 03:29:21.350 PLD Version: 7.9
2014-10-01 03:29:21.350 Total Hours: 69416.00
2014-10-01 03:29:21.350 Power On Hours: 34046.39
2014-10-01 03:29:21.350 Time of Last Boot: 2014-04-06 02:03:58
2014-10-01 03:29:21.350 Total Number of Boots: 120
2014-10-01 03:29:21.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-01 03:29:21.350 Total Number of Re-Syncs: 213
2014-10-01 03:29:21.350 Status Inputs: 00000000
2014-10-01 03:29:21.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-01 03:29:21.350 Clock Quality: 100%
2014-10-01 03:29:21.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-01 03:29:21.350 Clock Phase: 0 usec. max allowed=50000
2014-10-01 03:29:21.350 Boom positions:
2014-10-01 03:29:21.350 Ch1: -2 Ch2: -17 Ch3: 21 Ch4: 20 Ch5: 20 Ch6: 20
2014-10-01 03:29:21.350 Analog Status
2014-10-01 03:29:21.350 Analog Positive Supply: 5.46V
2014-10-01 03:29:21.350 Input Voltage: 13.35V

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2014-10-01 03:29:21.350 System Temperature: 5C  
 2014-10-01 03:29:21.350 Antenna Current: 0ma  
 2014-10-01 03:29:21.350 GPS Status  
 2014-10-01 03:29:21.350 Time: 03:29:20  
 2014-10-01 03:29:21.350 Date:  
 2014-10-01 03:29:21.350 Fix Type: 1-D  
 2014-10-01 03:29:21.350 Height:  
 2014-10-01 03:29:21.350 Latitude:  
 2014-10-01 03:29:21.350 Longitude:  
 2014-10-01 03:29:21.350 On Time: 0min  
 2014-10-01 03:29:21.350 Sat. Used: 0  
 2014-10-01 03:29:21.350 In View: 0  
 2014-10-01 03:29:21.350 Checksum Errors: 0  
 2014-10-01 03:29:21.350 Last GPS timemark: 2014-10-01 03:29:19  
 2014-10-01 03:29:21.350 PLL Status  
 2014-10-01 03:29:21.350 State: Lock  
 2014-10-01 03:29:21.350 Initial VCO: 2201.393555  
 2014-10-01 03:29:21.350 Time Error: -0.000001  
 2014-10-01 03:29:21.350 RMS VCO: 0.000000  
 2014-10-01 03:29:21.350 Best VCO: 2201.45  
 2014-10-01 03:29:21.350 Seconds Since Track or Lock: 0.0  
 2014-10-01 03:29:21.350 Vco Control: 2202  
 2014-10-01 03:29:21.350 timing mode: external seascan  
 2014-10-01 03:29:21.350 tempco normal  
 2014-10-01 03:29:21.350 PLL update: 10s PLL lock criterion: 5us  
 2014-10-01 03:29:21.350 Pfrac: 150.00  
 2014-10-01 03:29:21.350 VCO slope: -0.0175000  
 2014-10-01 03:29:21.350 VCO intercept: 7.1100001  
 2014-10-01 03:29:21.350 Km delta: 600.000000  
 2014-10-01 03:29:21.350 Logical Port 4 Status  
 2014-10-01 03:29:21.350 Data Packets Sent: 17434983  
 2014-10-01 03:29:21.350 Flood Packets Sent: 0  
 2014-10-01 03:29:21.350 Packets Re-Sent: 27611  
 2014-10-01 03:29:21.350 Sequence Errors: 0  
 2014-10-01 03:29:21.350 Packet Buffer Used: 22283428  
 2014-10-01 03:29:21.350 Physical Port: Ethernet  
 2014-10-01 03:29:21.350 Baler Model: 14 Software Version: 2.28  
 2014-10-01 03:29:21.350 MAC Address: 00:04:FB:00:02:EA  
 2014-10-01 03:29:21.350 Disk Size: 20000669696  
 2014-10-01 03:29:21.350 Percent of 1177 data files in use: 34.3  
 2014-10-01 03:29:21.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-01 03:29:21.350 Channel Sensitivities (uV per count):  
 2014-10-01 03:29:21.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-01 03:29:21.350 Digitizer Calibration Results:  
 2014-10-01 03:29:21.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-01 03:29:21.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-01 03:29:21.350 DMU1 Software Version=10  
 2014-10-01 03:29:21.350 Supply Voltage=12.7  
 2014-10-01 03:29:21.350 Supply Current=0.40  
 2014-10-01 03:29:21.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-01 03:29:21.350 WebLink Data Maps Restored  
 2014-10-01 03:29:21.350 [2014-09-30 15:28:26.999998] sequence resumes: 15341016 to 15341016  
 2014-10-01 03:29:21.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-01 03:29:20  
 2014-10-01 03:33:14.280 [2014-10-01 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-10-01 03:34:56.780 Reducing Status Polling Interval  
 2014-10-01 03:34:56.780 [2014-10-01 03:34:55.999998] total packets received: 53497  
 2014-10-01 03:34:56.780 [2014-10-01 03:34:55.999998] command timeouts: 6  
 2014-10-01 03:34:56.780 [2014-10-01 03:34:55.999998] out of window: 65  
 2014-10-01 03:34:56.780 written: HHZ-1180 HH1-1439 HH2-1338 BDH-432 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2

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2014-10-01 03:34:56.780 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24 VMZ-2 VM1-2

2014-10-01 03:34:56.780 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2

2014-10-01 03:34:56.780 [2014-10-01 03:34:55.999998] Done: 4530 recs. seq end: 15384605. run: 331 s

2014-10-01 15:35:49.340

2014-10-01 15:35:49.340 Quanterra Packet Baler Model 14 Restart. Version 2.28

2014-10-01 15:35:49.340 Control Port 2491 Opened

2014-10-01 15:35:49.340 Baler ready on Ethernet

2014-10-01 15:35:49.340 Power Cycled Baler Acknowledged

2014-10-01 15:35:49.340 Commands Accepted by Q330

2014-10-01 15:35:49.340 Access timeout: 300 sec

2014-10-01 15:35:49.340 Control Port 4023 Opened

2014-10-01 15:35:49.340 Data Port 4024 Opened

2014-10-01 15:35:49.340 Registered with Q330

2014-10-01 15:35:49.340 Combination Record Received

2014-10-01 15:35:49.340 window=4 Min. Timeout=10 Max. Timeout=30

2014-10-01 15:35:49.340 Link Reset, starting window sequence: 53982

2014-10-01 15:35:49.340 GPS Receiver ID Received

2014-10-01 15:35:49.340 Manufacturer's Data Received, Property Tag=2017

2014-10-01 15:35:49.340 Digitizer Gain & Offsets Received

2014-10-01 15:35:49.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4530 recs. seq end: 15384605

2014-10-01 15:35:49.340 Baler clock set to 2014-10-01 15:35:48

2014-10-01 15:35:49.340 Starting to Read DP Tokens

2014-10-01 15:35:49.340 DP Tokens loaded, size=1474 bytes

2014-10-01 15:35:49.340 Webserver advertising 192.168.200.119:5380

2014-10-01 15:35:49.340 filters & delay HHZ:1@100,Linear all=0.320000

2014-10-01 15:35:49.340 filters & delay HH1:2@100,Linear all=0.320000

2014-10-01 15:35:49.340 filters & delay HH2:3@100,Linear all=0.320000

2014-10-01 15:35:49.340 filters & delay BDH:4@20,Linear all=1.650000

2014-10-01 15:35:49.340 filters & delay LHZ:1@1,Linear all=15.000000

2014-10-01 15:35:49.340 filters & delay LH1:2@1,Linear all=15.000000

2014-10-01 15:35:49.340 filters & delay LH2:3@1,Linear all=15.000000

2014-10-01 15:35:49.340 filters & delay LDH:4@1,Linear all=15.000000

2014-10-01 15:35:49.340 [2014-10-01 03:34:55.999998] continuity found: 15384605 465449696.000000 Q=100

2014-10-01 15:35:49.340 [2014-10-01 03:34:55.999998] restoring continuity

2014-10-01 15:35:49.340 Sending DT\_OPEN

2014-10-01 15:35:49.340 Station: XX-2017

2014-10-01 15:35:49.340 Q330 Serial Number: 0100000DB18FC351

2014-10-01 15:35:49.340 AMB Serial Number: 0100000B6909DD82

2014-10-01 15:35:49.340 Seismo 1 Serial Number: 0000000000000000

2014-10-01 15:35:49.340 Seismo 2 Serial Number: 0000000000000000

2014-10-01 15:35:49.340 QAPCHP 1 Serial Number: 4643206

2014-10-01 15:35:49.340 QAPCHP 2 Serial Number: 3743050

2014-10-01 15:35:49.340 KMI Property Tag Number: 2017

2014-10-01 15:35:49.340 System Software Version: 1.146

2014-10-01 15:35:49.340 Slave Processor Version: 1.11

2014-10-01 15:35:49.340 Calibrator Type: QCAL330

2014-10-01 15:35:49.340 Calibrator Version: 1.8

2014-10-01 15:35:49.340 Auxiliary Board Type: None

2014-10-01 15:35:49.340 Clock Type: Motorola M12

2014-10-01 15:35:49.340 PLD Version: 7.9

2014-10-01 15:35:49.340 Total Hours: 69428.11

2014-10-01 15:35:49.340 Power On Hours: 34058.50

2014-10-01 15:35:49.340 Time of Last Boot: 2014-04-06 02:03:58

2014-10-01 15:35:49.340 Total Number of Boots: 120

2014-10-01 15:35:49.340 Time of Last Re-Sync: 2014-04-06 02:17:08

2014-10-01 15:35:49.340 Total Number of Re-Syncs: 213

2014-10-01 15:35:49.340 Status Inputs: 00000000

2014-10-01 15:35:49.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off

2014-10-01 15:35:49.340 Clock Quality: 100%

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2014-10-01 15:35:49.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-01 15:35:49.340 Clock Phase: 0 usec. max allowed=50000
2014-10-01 15:35:49.340 Boom positions:
2014-10-01 15:35:49.340 ch1: -2 ch2: 4 ch3: -7 ch4: 20 ch5: 20 ch6: 20
2014-10-01 15:35:49.340 Analog Status
2014-10-01 15:35:49.340 Analog Positive Supply: 5.46V
2014-10-01 15:35:49.340 Input Voltage: 13.35V
2014-10-01 15:35:49.340 System Temperature: 5C
2014-10-01 15:35:49.340 Main Current: 62ma
2014-10-01 15:35:49.340 Antenna Current: 0ma
2014-10-01 15:35:49.340 GPS Status
2014-10-01 15:35:49.340 Time: 15:35:48
2014-10-01 15:35:49.340 Date:
2014-10-01 15:35:49.340 Fix Type: 1-D
2014-10-01 15:35:49.340 Height:
2014-10-01 15:35:49.340 Latitude:
2014-10-01 15:35:49.340 Longitude:
2014-10-01 15:35:49.340 On Time: 0min
2014-10-01 15:35:49.340 Sat. Used: 0
2014-10-01 15:35:49.340 In View: 0
2014-10-01 15:35:49.340 Checksum Errors: 0
2014-10-01 15:35:49.340 Last GPS timemark: 2014-10-01 15:35:47
2014-10-01 15:35:49.340 PLL Status
2014-10-01 15:35:49.340 State: Lock
2014-10-01 15:35:49.340 Initial VCO: 2201.035889
2014-10-01 15:35:49.340 Time Error: 0.000000
2014-10-01 15:35:49.340 RMS VCO: 0.0000000
2014-10-01 15:35:49.340 Best VCO: 2201.04
2014-10-01 15:35:49.340 Seconds Since Track or Lock: 0.0
2014-10-01 15:35:49.340 Vco Control: 2201
2014-10-01 15:35:49.340 timing mode: external seascan
2014-10-01 15:35:49.340 tempco normal
2014-10-01 15:35:49.340 PLL update: 10s PLL lock criterion: 5us
2014-10-01 15:35:49.340 Pfrac: 150.00
2014-10-01 15:35:49.340 VCO slope: -0.0175000
2014-10-01 15:35:49.340 VCO intercept: 7.1100001
2014-10-01 15:35:49.340 Km delta: 600.0000000
2014-10-01 15:35:49.340 Logical Port 4 Status
2014-10-01 15:35:49.340 Data Packets Sent: 17488384
2014-10-01 15:35:49.340 Flood Packets Sent: 0
2014-10-01 15:35:49.340 Packets Re-Sent: 27691
2014-10-01 15:35:49.340 Sequence Errors: 0
2014-10-01 15:35:49.340 Packet Buffer Used: 22236152
2014-10-01 15:35:49.340 Physical Port: Ethernet
2014-10-01 15:35:49.340 Baler Model: 14 Software Version: 2.28
2014-10-01 15:35:49.340 MAC Address: 00:04:FB:00:02:EA
2014-10-01 15:35:49.340 Disk Size: 20000669696
2014-10-01 15:35:49.340 Percent of 1177 data files in use: 34.4
2014-10-01 15:35:49.340 Channels Enabled: 1234 Preamps ON channels:
2014-10-01 15:35:49.340 Channel Sensitivities (uV per count):
2014-10-01 15:35:49.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-01 15:35:49.340 Digitizer Calibration Results:
2014-10-01 15:35:49.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-01 15:35:49.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-01 15:35:49.340 DMU1 Software Version=10
2014-10-01 15:35:49.340 Supply Voltage=12.7
2014-10-01 15:35:49.340 Supply Current=0.41
2014-10-01 15:35:49.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-01 15:35:49.340 webLink Data Maps Restored
2014-10-01 15:35:49.340 [2014-10-01 03:34:55.999998] sequence resumes: 15384605 to
15384605
2014-10-01 15:35:49.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-10-01 15:35:48

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2014-10-01 15:41:28.390 Reducing Status Polling Interval
2014-10-01 15:41:28.390 [2014-10-01 15:41:26.999998] total packets received: 53902
2014-10-01 15:41:28.390 [2014-10-01 15:41:26.999998] command timeouts: 6
2014-10-01 15:41:28.390 [2014-10-01 15:41:26.999998] out of window: 72
2014-10-01 15:41:28.390 written: HHZ-1203 HH1-1354 HH2-1389 BDH-436 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-10-01 15:41:28.390 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-10-01 15:41:28.390 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-01 15:41:28.390 [2014-10-01 15:41:26.999998] Done: 4522 recs. seq end:
15428196. run: 335 s
2014-10-02 03:42:21.400
2014-10-02 03:42:21.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-02 03:42:21.400 Control Port 2491 Opened
2014-10-02 03:42:21.400 Baler ready on Ethernet
2014-10-02 03:42:21.400 Power Cycled Baler Acknowledged
2014-10-02 03:42:21.400 Commands Accepted by Q330
2014-10-02 03:42:21.400 Access timeout: 300 sec
2014-10-02 03:42:21.400 Control Port 4023 Opened
2014-10-02 03:42:21.400 Data Port 4024 Opened
2014-10-02 03:42:21.400 Registered with Q330
2014-10-02 03:42:21.400 Combination Record Received
2014-10-02 03:42:21.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-02 03:42:21.400 Link Reset, starting window sequence: 42239
2014-10-02 03:42:21.400 GPS Receiver ID Received
2014-10-02 03:42:21.400 Manufacturer's Data Received, Property Tag=2017
2014-10-02 03:42:21.400 Digitizer Gain & Offsets Received
2014-10-02 03:42:21.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4522 recs.
seq end: 15428196
2014-10-02 03:42:21.400 Baler clock set to 2014-10-02 03:42:20
2014-10-02 03:42:21.400 Starting to Read DP Tokens
2014-10-02 03:42:21.400 webserver advertising 192.168.200.119:5380
2014-10-02 03:42:21.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-02 03:42:21.400 filters & delay HH1:2@100,Linear all=0.320000
2014-10-02 03:42:21.400 filters & delay HH2:3@100,Linear all=0.320000
2014-10-02 03:42:21.400 filters & delay BDH:4@20,Linear all=1.650000
2014-10-02 03:42:21.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-02 03:42:21.400 filters & delay LH1:2@1,Linear all=15.000000
2014-10-02 03:42:21.400 filters & delay LH2:3@1,Linear all=15.000000
2014-10-02 03:42:21.400 filters & delay LDH:4@1,Linear all=15.000000
2014-10-02 03:42:21.400 [2014-10-01 15:41:26.999998] continuity found: 15428196
465493287.000000 Q=100
2014-10-02 03:42:21.400 [2014-10-01 15:41:26.999998] restoring continuity
2014-10-02 03:42:21.400 Sending DT_OPEN
2014-10-02 03:42:21.400 Station: XX-2017
2014-10-02 03:42:21.400 Q330 Serial Number: 0100000DB18FC351
2014-10-02 03:42:21.400 AMB Serial Number: 0100000B6909DD82
2014-10-02 03:42:21.400 Seismo 1 Serial Number: 0000000000000000
2014-10-02 03:42:21.400 Seismo 2 Serial Number: 0000000000000000
2014-10-02 03:42:21.400 QAPCHP 1 Serial Number: 4643206
2014-10-02 03:42:21.400 QAPCHP 2 Serial Number: 3743050
2014-10-02 03:42:21.400 KMI Property Tag Number: 2017
2014-10-02 03:42:21.400 System Software Version: 1.146
2014-10-02 03:42:21.400 Slave Processor Version: 1.11
2014-10-02 03:42:21.400 Calibrator Type: QCAL330
2014-10-02 03:42:21.400 Calibrator Version: 1.8
2014-10-02 03:42:21.400 Auxiliary Board Type: None
2014-10-02 03:42:21.400 Clock Type: Motorola M12
2014-10-02 03:42:21.400 PLD Version: 7.9
2014-10-02 03:42:21.400 Total Hours: 69440.22
2014-10-02 03:42:21.400 Power On Hours: 34070.61
2014-10-02 03:42:21.400 Time of Last Boot: 2014-04-06 02:03:58
2014-10-02 03:42:21.400 Total Number of Boots: 120

```



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2014-10-02 03:42:21.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-02 03:42:21.400 Total Number of Re-Syncs: 213  
 2014-10-02 03:42:21.400 Status Inputs: 00000000  
 2014-10-02 03:42:21.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-02 03:42:21.400 Clock Quality: 100%  
 2014-10-02 03:42:21.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-02 03:42:21.400 Clock Phase: 0 usec. max allowed=50000  
 2014-10-02 03:42:21.400 Boom positions:  
 2014-10-02 03:42:21.400 Ch1: -2 Ch2: 4 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-10-02 03:42:21.400 Analog Status  
 2014-10-02 03:42:21.400 Analog Positive Supply: 5.46V  
 2014-10-02 03:42:21.400 Input Voltage: 13.35V  
 2014-10-02 03:42:21.400 System Temperature: 5C  
 2014-10-02 03:42:21.400 Main Current: 61ma  
 2014-10-02 03:42:21.400 Antenna Current: 0ma  
 2014-10-02 03:42:21.400 GPS Status  
 2014-10-02 03:42:21.400 Time: 03:42:20  
 2014-10-02 03:42:21.400 Date:  
 2014-10-02 03:42:21.400 Fix Type: 1-D  
 2014-10-02 03:42:21.400 Height:  
 2014-10-02 03:42:21.400 Latitude:  
 2014-10-02 03:42:21.400 Longitude:  
 2014-10-02 03:42:21.400 On Time: 0min  
 2014-10-02 03:42:21.400 Sat. Used: 0  
 2014-10-02 03:42:21.400 In View: 0  
 2014-10-02 03:42:21.400 Checksum Errors: 0  
 2014-10-02 03:42:21.400 Last GPS timemark: 2014-10-02 03:42:19  
 2014-10-02 03:42:21.400 PLL Status  
 2014-10-02 03:42:21.400 State: Lock  
 2014-10-02 03:42:21.400 Initial VCO: 2201.317139  
 2014-10-02 03:42:21.400 Time Error: -0.000001  
 2014-10-02 03:42:21.400 RMS VCO: 0.0000000  
 2014-10-02 03:42:21.400 Best VCO: 2201.42  
 2014-10-02 03:42:21.400 Seconds Since Track or Lock: 0.0  
 2014-10-02 03:42:21.400 Vco Control: 2201  
 2014-10-02 03:42:21.400 timing mode: external seascan  
 2014-10-02 03:42:21.400 tempco normal  
 2014-10-02 03:42:21.400 PLL update: 10s PLL lock criterion: 5us  
 2014-10-02 03:42:21.400 Pfrac: 150.00  
 2014-10-02 03:42:21.400 VCO slope: -0.0175000  
 2014-10-02 03:42:21.400 VCO intercept: 7.1100001  
 2014-10-02 03:42:21.400 Km delta: 600.0000000  
 2014-10-02 03:42:21.400 Logical Port 4 Status  
 2014-10-02 03:42:21.400 Data Packets Sent: 17542183  
 2014-10-02 03:42:21.400 Flood Packets Sent: 0  
 2014-10-02 03:42:21.400 Packets Re-Sent: 27775  
 2014-10-02 03:42:21.400 Sequence Errors: 0  
 2014-10-02 03:42:21.400 Packet Buffer Used: 22531596  
 2014-10-02 03:42:21.400 Physical Port: Ethernet  
 2014-10-02 03:42:21.400 Baler Model: 14 Software Version: 2.28  
 2014-10-02 03:42:21.400 MAC Address: 00:04:FB:00:02:EA  
 2014-10-02 03:42:21.400 Disk Size: 20000669696  
 2014-10-02 03:42:21.400 Percent of 1177 data files in use: 34.5  
 2014-10-02 03:42:21.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-02 03:42:21.400 Channel Sensitivities (uV per count):  
 2014-10-02 03:42:21.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-02 03:42:21.400 Digitizer Calibration Results:  
 2014-10-02 03:42:21.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-02 03:42:21.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-02 03:42:21.400 DMU1 Software Version=10  
 2014-10-02 03:42:21.400 Supply Voltage=12.7  
 2014-10-02 03:42:21.400 Supply Current=0.41  
 2014-10-02 03:42:21.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A

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2014-10-02 03:42:21.400 WebLink Data Maps Restored  
2014-10-02 03:42:21.400 [2014-10-01 15:41:26.999998] sequence resumes: 15428196 to 15428196  
2014-10-02 03:42:21.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-10-02 03:42:20  
2014-10-02 03:46:16.420 [2014-10-02 00:00:00.000000] Saving Configuration to Backup Memory  
2014-10-02 03:48:00.290 Reducing Status Polling Interval  
2014-10-02 03:48:00.290 [2014-10-02 03:47:59.000000] total packets received: 54507  
2014-10-02 03:48:00.290 [2014-10-02 03:47:59.000000] command timeouts: 6  
2014-10-02 03:48:00.290 [2014-10-02 03:47:59.000000] out of window: 71  
2014-10-02 03:48:00.290 written: HHZ-1195 HH1-1452 HH2-1363 BDH-439 VEP-1 VEC-2  
VEA-1 VKI-1 VCO-1  
2014-10-02 03:48:00.290 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
VMZ-1 VM1-1  
2014-10-02 03:48:00.290 written: VM2-1 LOG-3 ACE-2 OCF-2  
2014-10-02 03:48:00.290 [2014-10-02 03:47:59.000000] Done: 4583 recs. seq end: 15471788. run: 335 s  
2014-10-02 15:48:52.410  
2014-10-02 15:48:52.410 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-10-02 15:48:52.410 Control Port 2491 Opened  
2014-10-02 15:48:52.410 Baler ready on Ethernet  
2014-10-02 15:48:52.410 Power Cycled Baler Acknowledged  
2014-10-02 15:48:52.410 Commands Accepted by Q330  
2014-10-02 15:48:52.410 Access timeout: 300 sec  
2014-10-02 15:48:52.410 Control Port 4023 Opened  
2014-10-02 15:48:52.410 Data Port 4024 Opened  
2014-10-02 15:48:52.410 Registered with Q330  
2014-10-02 15:48:52.410 Combination Record Received  
2014-10-02 15:48:52.410 window=4 Min. Timeout=10 Max. Timeout=30  
2014-10-02 15:48:52.410 Link Reset, starting window sequence: 31103  
2014-10-02 15:48:52.410 GPS Receiver ID Received  
2014-10-02 15:48:52.410 Manufacturer's Data Received, Property Tag=2017  
2014-10-02 15:48:52.410 Digitizer Gain & Offsets Received  
2014-10-02 15:48:52.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4583 recs. seq end: 15471788  
2014-10-02 15:48:52.410 Baler clock set to 2014-10-02 15:48:51  
2014-10-02 15:48:52.410 Starting to Read DP Tokens  
2014-10-02 15:48:52.410 DP Tokens loaded, size=1474 bytes  
2014-10-02 15:48:52.410 Webserver advertising 192.168.200.119:5380  
2014-10-02 15:48:52.410 filters & delay HHZ:1@100,Linear all=0.320000  
2014-10-02 15:48:52.410 filters & delay HH1:2@100,Linear all=0.320000  
2014-10-02 15:48:52.410 filters & delay HH2:3@100,Linear all=0.320000  
2014-10-02 15:48:52.410 filters & delay BDH:4@20,Linear all=1.650000  
2014-10-02 15:48:52.410 filters & delay LHZ:1@1,Linear all=15.000000  
2014-10-02 15:48:52.410 filters & delay LH1:2@1,Linear all=15.000000  
2014-10-02 15:48:52.410 filters & delay LH2:3@1,Linear all=15.000000  
2014-10-02 15:48:52.410 filters & delay LDH:4@1,Linear all=15.000000  
2014-10-02 15:48:52.410 [2014-10-02 03:47:59.000000] continuity found: 15471788  
465536879.000000 Q=100  
2014-10-02 15:48:52.410 [2014-10-02 03:47:59.000000] restoring continuity  
2014-10-02 15:48:52.410 Sending DT\_OPEN  
2014-10-02 15:48:52.410 Station: XX-2017  
2014-10-02 15:48:52.410 Q330 Serial Number: 0100000DB18FC351  
2014-10-02 15:48:52.410 AMB Serial Number: 0100000B6909DD82  
2014-10-02 15:48:52.410 Seismo 1 Serial Number: 0000000000000000  
2014-10-02 15:48:52.410 Seismo 2 Serial Number: 0000000000000000  
2014-10-02 15:48:52.410 QAPCHP 1 Serial Number: 4643206  
2014-10-02 15:48:52.410 QAPCHP 2 Serial Number: 3743050  
2014-10-02 15:48:52.410 KMI Property Tag Number: 2017  
2014-10-02 15:48:52.410 System Software Version: 1.146  
2014-10-02 15:48:52.410 Slave Processor Version: 1.11  
2014-10-02 15:48:52.410 Calibrator Type: QCAL330

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2014-10-02 15:48:52.410 Calibrator Version: 1.8  
 2014-10-02 15:48:52.410 Auxiliary Board Type: None  
 2014-10-02 15:48:52.410 Clock Type: Motorola M12  
 2014-10-02 15:48:52.410 PLD Version: 7.9  
 2014-10-02 15:48:52.410 Total Hours: 69452.33  
 2014-10-02 15:48:52.410 Power On Hours: 34082.71  
 2014-10-02 15:48:52.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-02 15:48:52.410 Total Number of Boots: 120  
 2014-10-02 15:48:52.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-02 15:48:52.410 Total Number of Re-Syncs: 213  
 2014-10-02 15:48:52.410 Status Inputs: 00000000  
 2014-10-02 15:48:52.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-02 15:48:52.410 Clock Quality: 100%  
 2014-10-02 15:48:52.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-02 15:48:52.410 Clock Phase: 0 usec. max allowed=50000  
 2014-10-02 15:48:52.410 Boom positions:  
 2014-10-02 15:48:52.410 ch1: -1 ch2: 3 ch3: -4 ch4: 20 ch5: 20 ch6: 20  
 2014-10-02 15:48:52.410 Analog Status  
 2014-10-02 15:48:52.410 Analog Positive Supply: 5.46V  
 2014-10-02 15:48:52.410 Input Voltage: 13.20V  
 2014-10-02 15:48:52.410 System Temperature: 5C  
 2014-10-02 15:48:52.410 Main Current: 62ma  
 2014-10-02 15:48:52.410 Antenna Current: 0ma  
 2014-10-02 15:48:52.410 GPS Status  
 2014-10-02 15:48:52.410 Time: 15:48:51  
 2014-10-02 15:48:52.410 Date:  
 2014-10-02 15:48:52.410 Fix Type: 1-D  
 2014-10-02 15:48:52.410 Height:  
 2014-10-02 15:48:52.410 Latitude:  
 2014-10-02 15:48:52.410 Longitude:  
 2014-10-02 15:48:52.410 On Time: 0min  
 2014-10-02 15:48:52.410 Sat. Used: 0  
 2014-10-02 15:48:52.410 In View: 0  
 2014-10-02 15:48:52.410 Checksum Errors: 0  
 2014-10-02 15:48:52.410 Last GPS timemark: 2014-10-02 15:48:50  
 2014-10-02 15:48:52.410 PLL Status  
 2014-10-02 15:48:52.410 State: Lock  
 2014-10-02 15:48:52.410 Initial VCO: 2201.237549  
 2014-10-02 15:48:52.410 Time Error: -0.000001  
 2014-10-02 15:48:52.410 RMS VCO: 0.0000000  
 2014-10-02 15:48:52.410 Best VCO: 2201.33  
 2014-10-02 15:48:52.410 Seconds Since Track or Lock: 0.0  
 2014-10-02 15:48:52.410 vco Control: 2201  
 2014-10-02 15:48:52.410 timing mode: external seascan  
 2014-10-02 15:48:52.410 tempco normal  
 2014-10-02 15:48:52.410 PLL update: 10s PLL lock criterion: 5us  
 2014-10-02 15:48:52.410 Pfrac: 150.00  
 2014-10-02 15:48:52.410 VCO slope: -0.0175000  
 2014-10-02 15:48:52.410 VCO intercept: 7.1100001  
 2014-10-02 15:48:52.410 Km delta: 600.0000000  
 2014-10-02 15:48:52.410 Logical Port 4 Status  
 2014-10-02 15:48:52.410 Data Packets Sent: 17596588  
 2014-10-02 15:48:52.410 Flood Packets Sent: 0  
 2014-10-02 15:48:52.410 Packets Re-Sent: 27859  
 2014-10-02 15:48:52.410 Sequence Errors: 0  
 2014-10-02 15:48:52.410 Packet Buffer Used: 23702696  
 2014-10-02 15:48:52.410 Physical Port: Ethernet  
 2014-10-02 15:48:52.410 Baler Model: 14 Software Version: 2.28  
 2014-10-02 15:48:52.410 MAC Address: 00:04:FB:00:02:EA  
 2014-10-02 15:48:52.410 Disk Size: 20000669696  
 2014-10-02 15:48:52.410 Percent of 1177 data files in use: 34.6  
 2014-10-02 15:48:52.410 Channel Sensitivities (uV per count):  
 2014-10-02 15:48:52.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2014-10-02 15:48:52.410 Digitizer Calibration Results:
2014-10-02 15:48:52.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-02 15:48:52.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-02 15:48:52.410 DMU1 Software Version=10
2014-10-02 15:48:52.410 Supply Voltage=12.6
2014-10-02 15:48:52.410 Supply Current=0.41
2014-10-02 15:48:52.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-02 15:48:52.410 WebLink Data Maps Restored
2014-10-02 15:48:52.410 [2014-10-02 03:47:59.000000] sequence resumes: 15471788 to
15471788
2014-10-02 15:48:52.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-02 15:48:51
2014-10-02 15:54:41.680 [2014-10-02 15:52:51.000000] total packets received: 58427
2014-10-02 15:54:41.680 [2014-10-02 15:52:51.000000] command timeouts: 6
2014-10-02 15:54:41.680 [2014-10-02 15:52:51.000000] out of window: 66
2014-10-02 15:54:41.680 written: HHZ-1260 HH1-1601 HH2-1423 BDH-441 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-02 15:54:41.680 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-10-02 15:54:41.680 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-02 15:54:41.680 [2014-10-02 15:52:51.000000] Done: 4865 recs. seq end:
15515280. run: 345 s
2014-10-03 03:55:35.400
2014-10-03 03:55:35.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-03 03:55:35.400 Control Port 2491 Opened
2014-10-03 03:55:35.400 Baler ready on Ethernet
2014-10-03 03:55:35.400 Power Cycled Baler Acknowledged
2014-10-03 03:55:35.400 Commands Accepted by Q330
2014-10-03 03:55:35.400 Access timeout: 300 sec
2014-10-03 03:55:35.400 Control Port 4023 Opened
2014-10-03 03:55:35.400 Data Port 4024 Opened
2014-10-03 03:55:35.400 Registered with Q330
2014-10-03 03:55:35.400 Combination Record Received
2014-10-03 03:55:35.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-03 03:55:35.400 Link Reset, starting window sequence: 23892
2014-10-03 03:55:35.400 GPS Receiver ID Received
2014-10-03 03:55:35.400 Manufacturer's Data Received, Property Tag=2017
2014-10-03 03:55:35.400 Digitizer Gain & Offsets Received
2014-10-03 03:55:35.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4865 recs.
seq end: 15515280
2014-10-03 03:55:35.400 Baler clock set to 2014-10-03 03:55:34
2014-10-03 03:55:35.400 Starting to Read DP Tokens
2014-10-03 03:55:35.400 DP Tokens loaded, size=1474 bytes
2014-10-03 03:55:35.400 webserver advertising 192.168.200.119:5380
2014-10-03 03:55:35.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-03 03:55:35.400 filters & delay HH1:2@100,Linear all=0.320000
2014-10-03 03:55:35.400 filters & delay HH2:3@100,Linear all=0.320000
2014-10-03 03:55:35.400 filters & delay BDH:4@20,Linear all=1.650000
2014-10-03 03:55:35.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-03 03:55:35.400 filters & delay LH1:2@1,Linear all=15.000000
2014-10-03 03:55:35.400 filters & delay LH2:3@1,Linear all=15.000000
2014-10-03 03:55:35.400 filters & delay LDH:4@1,Linear all=15.000000
2014-10-03 03:55:35.400 [2014-10-02 15:52:51.000000] continuity found: 15515280
465580371.000000 Q=100
2014-10-03 03:55:35.400 [2014-10-02 15:52:51.000000] restoring continuity
2014-10-03 03:55:35.400 Sending DT_OPEN
2014-10-03 03:55:35.400 Station: XX-2017
2014-10-03 03:55:35.400 Q330 Serial Number: 0100000DB18FC351
2014-10-03 03:55:35.400 AMB Serial Number: 0100000B6909DD82
2014-10-03 03:55:35.400 Seismo 1 Serial Number: 0000000000000000
2014-10-03 03:55:35.400 Seismo 2 Serial Number: 0000000000000000
2014-10-03 03:55:35.400 QAPCHP 1 Serial Number: 4643206
2014-10-03 03:55:35.400 QAPCHP 2 Serial Number: 3743050

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2014-10-03 03:55:35.400 KMI Property Tag Number: 2017  
 2014-10-03 03:55:35.400 System Software Version: 1.146  
 2014-10-03 03:55:35.400 Slave Processor Version: 1.11  
 2014-10-03 03:55:35.400 Calibrator Type: QCAL330  
 2014-10-03 03:55:35.400 Calibrator Version: 1.8  
 2014-10-03 03:55:35.400 Auxiliary Board Type: None  
 2014-10-03 03:55:35.400 Clock Type: Motorola M12  
 2014-10-03 03:55:35.400 PLD Version: 7.9  
 2014-10-03 03:55:35.400 Total Hours: 69464.44  
 2014-10-03 03:55:35.400 Power On Hours: 34094.83  
 2014-10-03 03:55:35.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-03 03:55:35.400 Total Number of Boots: 120  
 2014-10-03 03:55:35.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-03 03:55:35.400 Total Number of Re-Syncs: 213  
 2014-10-03 03:55:35.400 Status Inputs: 00000000  
 2014-10-03 03:55:35.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-10-03 03:55:35.400 Clock Quality: 100%  
 2014-10-03 03:55:35.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-03 03:55:35.400 Clock Phase: 0 usec. max allowed=50000  
 2014-10-03 03:55:35.400 Boom positions:  
 2014-10-03 03:55:35.400 ch1: -2 ch2: 2 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2014-10-03 03:55:35.400 Analog Status  
 2014-10-03 03:55:35.400 Analog Positive Supply: 5.46V  
 2014-10-03 03:55:35.400 Input Voltage: 13.20V  
 2014-10-03 03:55:35.400 System Temperature: 5C  
 2014-10-03 03:55:35.400 Main Current: 62ma  
 2014-10-03 03:55:35.400 Antenna Current: 0ma  
 2014-10-03 03:55:35.400 GPS Status  
 2014-10-03 03:55:35.400 Time: 03:55:34  
 2014-10-03 03:55:35.400 Date:  
 2014-10-03 03:55:35.400 Fix Type: 1-D  
 2014-10-03 03:55:35.400 Height:  
 2014-10-03 03:55:35.400 Latitude:  
 2014-10-03 03:55:35.400 Longitude:  
 2014-10-03 03:55:35.400 On Time: 0min  
 2014-10-03 03:55:35.400 Sat. Used: 0  
 2014-10-03 03:55:35.400 In View: 0  
 2014-10-03 03:55:35.400 Checksum Errors: 0  
 2014-10-03 03:55:35.400 Last GPS timemark: 2014-10-03 03:55:33  
 2014-10-03 03:55:35.400 PLL Status  
 2014-10-03 03:55:35.400 State: Lock  
 2014-10-03 03:55:35.400 Initial VCO: 2201.193359  
 2014-10-03 03:55:35.400 Time Error: 0.000000  
 2014-10-03 03:55:35.400 RMS VCO: 0.000000  
 2014-10-03 03:55:35.400 Best VCO: 2201.06  
 2014-10-03 03:55:35.400 Seconds Since Track or Lock: 0.0  
 2014-10-03 03:55:35.400 Vco Control: 2201  
 2014-10-03 03:55:35.400 timing mode: external seascan  
 2014-10-03 03:55:35.400 tempco normal  
 2014-10-03 03:55:35.400 PLL update: 10s PLL lock criterion: 5us  
 2014-10-03 03:55:35.400 Pfrac: 150.00  
 2014-10-03 03:55:35.400 VCO slope: -0.0175000  
 2014-10-03 03:55:35.400 VCO intercept: 7.1100001  
 2014-10-03 03:55:35.400 km delta: 600.0000000  
 2014-10-03 03:55:35.400 Logical Port 4 Status  
 2014-10-03 03:55:35.400 Data Packets Sent: 17654918  
 2014-10-03 03:55:35.400 Flood Packets Sent: 0  
 2014-10-03 03:55:35.400 Packets Re-Sent: 27944  
 2014-10-03 03:55:35.400 Sequence Errors: 0  
 2014-10-03 03:55:35.400 Packet Buffer Used: 21996364  
 2014-10-03 03:55:35.400 Physical Port: Ethernet  
 2014-10-03 03:55:35.400 Baler Model: 14 Software Version: 2.28  
 2014-10-03 03:55:35.400 MAC Address: 00:04:FB:00:02:EA

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2014-10-03 03:55:35.400 Disk Size: 20000669696  
 2014-10-03 03:55:35.400 Percent of 1177 data files in use: 34.7  
 2014-10-03 03:55:35.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-03 03:55:35.400 Channel Sensitivities (uV per count):  
 2014-10-03 03:55:35.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-03 03:55:35.400 Digitizer Calibration Results:  
 2014-10-03 03:55:35.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-03 03:55:35.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-03 03:55:35.400 DMU1 Software Version=10  
 2014-10-03 03:55:35.400 Supply Voltage=12.7  
 2014-10-03 03:55:35.400 Supply Current=0.40  
 2014-10-03 03:55:35.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-03 03:55:35.400 WebLink Data Maps Restored  
 2014-10-03 03:55:35.400 [2014-10-02 15:52:51.000000] sequence resumes: 15515280 to 15515280  
 2014-10-03 03:55:35.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-03 03:55:34  
 2014-10-03 03:56:49.220 Reducing Status Polling Interval  
 2014-10-03 03:59:16.260 [2014-10-03 00:00:00.000001] Saving Configuration to Backup Memory  
 2014-10-03 04:01:09.680 [2014-10-03 04:00:01.999998] total packets received: 49549  
 2014-10-03 04:01:09.680 [2014-10-03 04:00:01.999998] command timeouts: 6  
 2014-10-03 04:01:09.680 [2014-10-03 04:00:01.999998] out of window: 80  
 2014-10-03 04:01:09.680 written: HHZ-1159 HH1-1405 HH2-1314 BDH-435 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-03 04:01:09.680 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-10-03 04:01:09.680 written: VM2-2 OAC-1 LOG-4 ACE-2 OCF-2  
 2014-10-03 04:01:09.680 [2014-10-03 04:00:01.999998] Done: 4458 recs. seq end: 15558911. run: 329 s  
 2014-10-03 16:02:00.370  
 2014-10-03 16:02:00.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-03 16:02:00.370 Control Port 2491 Opened  
 2014-10-03 16:02:00.370 Baler ready on Ethernet  
 2014-10-03 16:02:00.370 Power Cycled Baler Acknowledged  
 2014-10-03 16:02:00.370 Commands Accepted by Q330  
 2014-10-03 16:02:00.370 Access timeout: 300 sec  
 2014-10-03 16:02:00.370 Control Port 4023 Opened  
 2014-10-03 16:02:00.370 Data Port 4024 Opened  
 2014-10-03 16:02:00.370 Registered with Q330  
 2014-10-03 16:02:00.370 Combination Record Received  
 2014-10-03 16:02:00.370 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-03 16:02:00.370 Link Reset, starting window sequence: 7751  
 2014-10-03 16:02:00.370 GPS Receiver ID Received  
 2014-10-03 16:02:00.370 Manufacturer's Data Received, Property Tag=2017  
 2014-10-03 16:02:00.370 Digitizer Gain & Offsets Received  
 2014-10-03 16:02:00.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4458 recs. seq end: 15558911  
 2014-10-03 16:02:00.370 Baler clock set to 2014-10-03 16:01:59  
 2014-10-03 16:02:00.370 Starting to Read DP Tokens  
 2014-10-03 16:02:00.370 DP Tokens loaded, size=1474 bytes  
 2014-10-03 16:02:00.370 webserver advertising 192.168.200.119:5380  
 2014-10-03 16:02:00.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-03 16:02:00.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-03 16:02:00.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-03 16:02:00.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-03 16:02:00.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-03 16:02:00.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-10-03 16:02:00.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-10-03 16:02:00.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-03 16:02:00.370 [2014-10-03 04:00:01.999998] continuity found: 15558911  
 465624002.000000 Q=100  
 2014-10-03 16:02:00.370 [2014-10-03 04:00:01.999998] restoring continuity

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2014-10-03 16:02:00.370 Sending DT\_OPEN  
 2014-10-03 16:02:00.370 Station: XX-2017  
 2014-10-03 16:02:00.370 Q330 Serial Number: 0100000DB18FC351  
 2014-10-03 16:02:00.370 AMB Serial Number: 0100000B6909DD82  
 2014-10-03 16:02:00.370 Seismo 1 Serial Number: 0000000000000000  
 2014-10-03 16:02:00.370 Seismo 2 Serial Number: 0000000000000000  
 2014-10-03 16:02:00.370 QAPCHP 1 Serial Number: 4643206  
 2014-10-03 16:02:00.370 QAPCHP 2 Serial Number: 3743050  
 2014-10-03 16:02:00.370 KMI Property Tag Number: 2017  
 2014-10-03 16:02:00.370 System Software Version: 1.146  
 2014-10-03 16:02:00.370 Slave Processor Version: 1.11  
 2014-10-03 16:02:00.370 Calibrator Type: QCAL330  
 2014-10-03 16:02:00.370 Calibrator Version: 1.8  
 2014-10-03 16:02:00.370 Auxiliary Board Type: None  
 2014-10-03 16:02:00.370 Clock Type: Motorola M12  
 2014-10-03 16:02:00.370 PLD Version: 7.9  
 2014-10-03 16:02:00.370 Total Hours: 69476.55  
 2014-10-03 16:02:00.370 Power On Hours: 34106.93  
 2014-10-03 16:02:00.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-03 16:02:00.370 Total Number of Boots: 120  
 2014-10-03 16:02:00.370 Total Number of Re-Syncs: 213  
 2014-10-03 16:02:00.370 Status Inputs: 00000000  
 2014-10-03 16:02:00.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-03 16:02:00.370 Clock Quality: 100%  
 2014-10-03 16:02:00.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-03 16:02:00.370 Clock Phase: 0 usec. max allowed=50000  
 2014-10-03 16:02:00.370 Boom positions:  
 2014-10-03 16:02:00.370 ch1: -2 ch2: 1 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2014-10-03 16:02:00.370 Analog Status  
 2014-10-03 16:02:00.370 Analog Positive Supply: 5.46V  
 2014-10-03 16:02:00.370 Input Voltage: 13.20V  
 2014-10-03 16:02:00.370 System Temperature: 5C  
 2014-10-03 16:02:00.370 Main Current: 63ma  
 2014-10-03 16:02:00.370 Antenna Current: 0ma  
 2014-10-03 16:02:00.370 GPS Status  
 2014-10-03 16:02:00.370 Time: 16:01:59  
 2014-10-03 16:02:00.370 Date:  
 2014-10-03 16:02:00.370 Fix Type: 1-D  
 2014-10-03 16:02:00.370 Height:  
 2014-10-03 16:02:00.370 Latitude:  
 2014-10-03 16:02:00.370 Longitude:  
 2014-10-03 16:02:00.370 On Time: 0min  
 2014-10-03 16:02:00.370 Sat. Used: 0  
 2014-10-03 16:02:00.370 In View: 0  
 2014-10-03 16:02:00.370 Checksum Errors: 0  
 2014-10-03 16:02:00.370 Last GPS timemark: 2014-10-03 16:01:58  
 2014-10-03 16:02:00.370 PLL Status  
 2014-10-03 16:02:00.370 State: Lock  
 2014-10-03 16:02:00.370 Initial VCO: 2201.082031  
 2014-10-03 16:02:00.370 Time Error: 0.000000  
 2014-10-03 16:02:00.370 RMS VCO: 0.000000  
 2014-10-03 16:02:00.370 Best VCO: 2200.96  
 2014-10-03 16:02:00.370 Seconds Since Track or Lock: 0.0  
 2014-10-03 16:02:00.370 Vco Control: 2201  
 2014-10-03 16:02:00.370 timing mode: external seascan  
 2014-10-03 16:02:00.370 tempco normal  
 2014-10-03 16:02:00.370 PLL update: 10s PLL lock criterion: 5us  
 2014-10-03 16:02:00.370 Pfrac: 150.00  
 2014-10-03 16:02:00.370 VCO slope: -0.0175000  
 2014-10-03 16:02:00.370 VCO intercept: 7.1100001  
 2014-10-03 16:02:00.370 km delta: 600.0000000  
 2014-10-03 16:02:00.370 Logical Port 4 Status  
 2014-10-03 16:02:00.370 Data Packets Sent: 17704318

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2014-10-03 16:02:00.370 Flood Packets Sent: 0  
 2014-10-03 16:02:00.370 Packets Re-Sent: 28041  
 2014-10-03 16:02:00.370 Sequence Errors: 0  
 2014-10-03 16:02:00.370 Packet Buffer Used: 21877116  
 2014-10-03 16:02:00.370 Physical Port: Ethernet  
 2014-10-03 16:02:00.370 Baler Model: 14 Software Version: 2.28  
 2014-10-03 16:02:00.370 MAC Address: 00:04:FB:00:02:EA  
 2014-10-03 16:02:00.370 Disk Size: 20000669696  
 2014-10-03 16:02:00.370 Percent of 1177 data files in use: 34.8  
 2014-10-03 16:02:00.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-03 16:02:00.370 Channel Sensitivities (uV per count):  
 2014-10-03 16:02:00.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-03 16:02:00.370 Digitizer Calibration Results:  
 2014-10-03 16:02:00.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-03 16:02:00.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-03 16:02:00.370 DMU1 Software Version=10  
 2014-10-03 16:02:00.370 Supply Voltage=12.7  
 2014-10-03 16:02:00.370 Supply Current=0.41  
 2014-10-03 16:02:00.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-03 16:02:00.370 webLink Data Maps Restored  
 2014-10-03 16:02:00.370 [2014-10-03 04:00:01.999998] sequence resumes: 15558911 to  
 15558911  
 2014-10-03 16:02:00.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-03 16:01:59  
 2014-10-03 16:07:29.430 Reducing Status Polling Interval  
 2014-10-03 16:07:29.430 [2014-10-03 16:07:28.999998] total packets received: 48429  
 2014-10-03 16:07:29.430 [2014-10-03 16:07:28.999998] command timeouts: 6  
 2014-10-03 16:07:29.430 [2014-10-03 16:07:28.999998] out of window: 71  
 2014-10-03 16:07:29.430 written: HHZ-1131 HH1-1370 HH2-1365 BDH-434 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-10-03 16:07:29.430 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-25  
 VMZ-1 VM1-1  
 2014-10-03 16:07:29.430 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-10-03 16:07:29.430 [2014-10-03 16:07:28.999998] Done: 4432 recs. seq end:  
 15602558. run: 325 s  
 2014-10-04 04:08:22.380  
 2014-10-04 04:08:22.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-04 04:08:22.380 Control Port 2491 Opened  
 2014-10-04 04:08:22.380 Baler ready on Ethernet  
 2014-10-04 04:08:22.380 Power Cycled Baler Acknowledged  
 2014-10-04 04:08:22.380 Commands Accepted by Q330  
 2014-10-04 04:08:22.380 Access timeout: 300 sec  
 2014-10-04 04:08:22.380 Control Port 4023 Opened  
 2014-10-04 04:08:22.380 Data Port 4024 Opened  
 2014-10-04 04:08:22.380 Registered with Q330  
 2014-10-04 04:08:22.380 Combination Record Received  
 2014-10-04 04:08:22.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-04 04:08:22.380 Link Reset, starting window sequence: 56074  
 2014-10-04 04:08:22.380 GPS Receiver ID Received  
 2014-10-04 04:08:22.380 Manufacturer's Data Received, Property Tag=2017  
 2014-10-04 04:08:22.380 Digitizer Gain & Offsets Received  
 2014-10-04 04:08:22.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4432 recs.  
 seq end: 15602558  
 2014-10-04 04:08:22.380 Baler clock set to 2014-10-04 04:08:21  
 2014-10-04 04:08:22.380 Starting to Read DP Tokens  
 2014-10-04 04:08:22.380 DP Tokens loaded, size=1474 bytes  
 2014-10-04 04:08:22.380 webserver advertising 192.168.200.119:5380  
 2014-10-04 04:08:22.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-04 04:08:22.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-04 04:08:22.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-04 04:08:22.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-04 04:08:22.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-04 04:08:22.380 filters & delay LH1:2@1,Linear all=15.000000



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2014-10-04 04:08:22.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-10-04 04:08:22.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-04 04:08:22.380 [2014-10-03 16:07:28.999998] continuity found: 15602558  
 465667649.000000 Q=100  
 2014-10-04 04:08:22.380 [2014-10-03 16:07:28.999998] restoring continuity  
 2014-10-04 04:08:22.380 Sending DT\_OPEN  
 2014-10-04 04:08:22.380 Station: XX-2017  
 2014-10-04 04:08:22.380 Q330 Serial Number: 0100000DB18FC351  
 2014-10-04 04:08:22.380 AMB Serial Number: 0100000B6909DD82  
 2014-10-04 04:08:22.380 Seismo 1 Serial Number: 0000000000000000  
 2014-10-04 04:08:22.380 Seismo 2 Serial Number: 0000000000000000  
 2014-10-04 04:08:22.380 QAPCHP 1 Serial Number: 4643206  
 2014-10-04 04:08:22.380 QAPCHP 2 Serial Number: 3743050  
 2014-10-04 04:08:22.380 KMI Property Tag Number: 2017  
 2014-10-04 04:08:22.380 System Software Version: 1.146  
 2014-10-04 04:08:22.380 Slave Processor Version: 1.11  
 2014-10-04 04:08:22.380 Calibrator Type: QCAL330  
 2014-10-04 04:08:22.380 Calibrator Version: 1.8  
 2014-10-04 04:08:22.380 Auxiliary Board Type: None  
 2014-10-04 04:08:22.380 Clock Type: Motorola M12  
 2014-10-04 04:08:22.380 PLD Version: 7.9  
 2014-10-04 04:08:22.380 Total Hours: 69488.65  
 2014-10-04 04:08:22.380 Power On Hours: 34119.04  
 2014-10-04 04:08:22.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-04 04:08:22.380 Total Number of Boots: 120  
 2014-10-04 04:08:22.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-04 04:08:22.380 Total Number of Re-Syncs: 213  
 2014-10-04 04:08:22.380 Status Inputs: 00000000  
 2014-10-04 04:08:22.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-04 04:08:22.380 Clock Quality: 100%  
 2014-10-04 04:08:22.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-04 04:08:22.380 Clock Phase: 1 usec. max allowed=50000  
 2014-10-04 04:08:22.380 Boom positions:  
 2014-10-04 04:08:22.380 ch1: -2 ch2: 0 ch3: -4 ch4: 20 ch5: 20 ch6: 20  
 2014-10-04 04:08:22.380 Analog Status  
 2014-10-04 04:08:22.380 Analog Positive Supply: 5.46V  
 2014-10-04 04:08:22.380 Input Voltage: 13.35V  
 2014-10-04 04:08:22.380 System Temperature: 5C  
 2014-10-04 04:08:22.380 Main Current: 61ma  
 2014-10-04 04:08:22.380 Antenna Current: 0ma  
 2014-10-04 04:08:22.380 GPS Status  
 2014-10-04 04:08:22.380 Time: 04:08:21  
 2014-10-04 04:08:22.380 Date:  
 2014-10-04 04:08:22.380 Fix Type: 1-D  
 2014-10-04 04:08:22.380 Height:  
 2014-10-04 04:08:22.380 Latitude:  
 2014-10-04 04:08:22.380 Longitude:  
 2014-10-04 04:08:22.380 On Time: 0min  
 2014-10-04 04:08:22.380 Sat. Used: 0  
 2014-10-04 04:08:22.380 In View: 0  
 2014-10-04 04:08:22.380 Checksum Errors: 0  
 2014-10-04 04:08:22.380 Last GPS timemark: 2014-10-04 04:08:20  
 2014-10-04 04:08:22.380 PLL Status  
 2014-10-04 04:08:22.380 State: Lock  
 2014-10-04 04:08:22.380 Initial VCO: 2201.117676  
 2014-10-04 04:08:22.380 Time Error: -0.000001  
 2014-10-04 04:08:22.380 RMS VCO: 0.0000000  
 2014-10-04 04:08:22.380 Best VCO: 2201.13  
 2014-10-04 04:08:22.380 Seconds Since Track or Lock: 0.0  
 2014-10-04 04:08:22.380 Vco Control: 2201  
 2014-10-04 04:08:22.380 timing mode: external seascan  
 2014-10-04 04:08:22.380 tempco normal  
 2014-10-04 04:08:22.380 PLL update: 10s PLL lock criterion: 5us

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2014-10-04 04:08:22.380 Pfrac: 150.00  
 2014-10-04 04:08:22.380 VCO slope: -0.0175000  
 2014-10-04 04:08:22.380 VCO intercept: 7.1100001  
 2014-10-04 04:08:22.380 km delta: 600.0000000  
 2014-10-04 04:08:22.380 Logical Port 4 Status  
 2014-10-04 04:08:22.380 Data Packets Sent: 17752646  
 2014-10-04 04:08:22.380 Flood Packets Sent: 0  
 2014-10-04 04:08:22.380 Packets Re-Sent: 28125  
 2014-10-04 04:08:22.380 Sequence Errors: 0  
 2014-10-04 04:08:22.380 Packet Buffer Used: 21888804  
 2014-10-04 04:08:22.380 Physical Port: Ethernet  
 2014-10-04 04:08:22.380 Baler Model: 14 Software Version: 2.28  
 2014-10-04 04:08:22.380 MAC Address: 00:04:FB:00:02:EA  
 2014-10-04 04:08:22.380 Disk Size: 20000669696  
 2014-10-04 04:08:22.380 Percent of 1177 data files in use: 34.8  
 2014-10-04 04:08:22.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-04 04:08:22.380 Channel Sensitivities (uV per count):  
 2014-10-04 04:08:22.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-04 04:08:22.380 Digitizer Calibration Results:  
 2014-10-04 04:08:22.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-04 04:08:22.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-04 04:08:22.380 DMU1 Software Version=10  
 2014-10-04 04:08:22.380 Supply Voltage=12.7  
 2014-10-04 04:08:22.380 Supply Current=0.40  
 2014-10-04 04:08:22.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-04 04:08:22.380 webLink Data Maps Restored  
 2014-10-04 04:08:22.380 [2014-10-03 16:07:28.999998] sequence resumes: 15602558 to  
 15602558  
 2014-10-04 04:08:22.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-04 04:08:21  
 2014-10-04 04:11:50.600 [2014-10-04 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-10-04 04:13:52.210 Reducing Status Polling Interval  
 2014-10-04 04:13:52.210 [2014-10-04 04:13:50.999998] total packets received: 48339  
 2014-10-04 04:13:52.210 [2014-10-04 04:13:50.999998] command timeouts: 6  
 2014-10-04 04:13:52.210 [2014-10-04 04:13:50.999998] out of window: 62  
 2014-10-04 04:13:52.210 written: HHZ-1144 HH1-1332 HH2-1400 BDH-431 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-04 04:13:52.210 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-10-04 04:13:52.210 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-10-04 04:13:52.210 [2014-10-04 04:13:50.999998] Done: 4452 recs. seq end:  
 15646140. run: 325 s  
 2014-10-04 16:14:45.320  
 2014-10-04 16:14:45.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-04 16:14:45.320 Control Port 2491 Opened  
 2014-10-04 16:14:45.320 Baler ready on Ethernet  
 2014-10-04 16:14:45.320 Power Cycled Baler Acknowledged  
 2014-10-04 16:14:45.320 Commands Accepted by Q330  
 2014-10-04 16:14:45.320 Access timeout: 300 sec  
 2014-10-04 16:14:45.320 Control Port 4023 Opened  
 2014-10-04 16:14:45.320 Registered with Q330  
 2014-10-04 16:14:45.320 Combination Record Received  
 2014-10-04 16:14:45.320 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-04 16:14:45.320 Link Reset, starting window sequence: 38780  
 2014-10-04 16:14:45.320 GPS Receiver ID Received  
 2014-10-04 16:14:45.320 Manufacturer's Data Received, Property Tag=2017  
 2014-10-04 16:14:45.320 Digitizer Gain & Offsets Received  
 2014-10-04 16:14:45.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4452 recs.  
 seq end: 15646140  
 2014-10-04 16:14:45.320 Baler clock set to 2014-10-04 16:14:44  
 2014-10-04 16:14:45.320 Starting to Read DP Tokens  
 2014-10-04 16:14:45.320 DP Tokens loaded, size=1474 bytes

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```

2014-10-04 16:14:45.320 webserver advertising 192.168.200.119:5380
2014-10-04 16:14:45.320 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-04 16:14:45.320 filters & delay HH1:2@100,Linear all=0.320000
2014-10-04 16:14:45.320 filters & delay HH2:3@100,Linear all=0.320000
2014-10-04 16:14:45.320 filters & delay BDH:4@20,Linear all=1.650000
2014-10-04 16:14:45.320 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-04 16:14:45.320 filters & delay LH1:2@1,Linear all=15.000000
2014-10-04 16:14:45.320 filters & delay LH2:3@1,Linear all=15.000000
2014-10-04 16:14:45.320 filters & delay LDH:4@1,Linear all=15.000000
2014-10-04 16:14:45.320 [2014-10-04 04:13:50.999998] continuity found: 15646140
465711231.000000 Q=100
2014-10-04 16:14:45.320 [2014-10-04 04:13:50.999998] restoring continuity
2014-10-04 16:14:45.320 Sending DT_OPEN
2014-10-04 16:14:45.320 Station: XX-2017
2014-10-04 16:14:45.320 Q330 Serial Number: 0100000DB18FC351
2014-10-04 16:14:45.320 AMB Serial Number: 0100000B6909DD82
2014-10-04 16:14:45.320 Seismo 1 Serial Number: 0000000000000000
2014-10-04 16:14:45.320 Seismo 2 Serial Number: 0000000000000000
2014-10-04 16:14:45.320 QAPCHP 1 Serial Number: 4643206
2014-10-04 16:14:45.320 QAPCHP 2 Serial Number: 3743050
2014-10-04 16:14:45.320 KMI Property Tag Number: 2017
2014-10-04 16:14:45.320 System Software Version: 1.146
2014-10-04 16:14:45.320 Slave Processor Version: 1.11
2014-10-04 16:14:45.320 Calibrator Type: QCAL330
2014-10-04 16:14:45.320 Calibrator Version: 1.8
2014-10-04 16:14:45.320 Auxiliary Board Type: None
2014-10-04 16:14:45.320 Clock Type: Motorola M12
2014-10-04 16:14:45.320 PLD Version: 7.9
2014-10-04 16:14:45.320 Total Hours: 69500.76
2014-10-04 16:14:45.320 Power On Hours: 34131.15
2014-10-04 16:14:45.320 Time of Last Boot: 2014-04-06 02:03:58
2014-10-04 16:14:45.320 Total Number of Boots: 120
2014-10-04 16:14:45.320 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-04 16:14:45.320 Total Number of Re-Syncs: 213
2014-10-04 16:14:45.320 Status Inputs: 00000000
2014-10-04 16:14:45.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-04 16:14:45.320 Clock Quality: 100%
2014-10-04 16:14:45.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-04 16:14:45.320 Clock Phase: 0 usec. max allowed=50000
2014-10-04 16:14:45.320 Boom positions:
2014-10-04 16:14:45.320 Ch1: -2 Ch2: -1 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20
2014-10-04 16:14:45.320 Analog Status
2014-10-04 16:14:45.320 Analog Positive Supply: 5.46v
2014-10-04 16:14:45.320 Input Voltage: 13.20v
2014-10-04 16:14:45.320 System Temperature: 5C
2014-10-04 16:14:45.320 Main Current: 62ma
2014-10-04 16:14:45.320 Antenna Current: 0ma
2014-10-04 16:14:45.320 GPS Status
2014-10-04 16:14:45.320 Time: 16:14:43
2014-10-04 16:14:45.320 Date:
2014-10-04 16:14:45.320 Fix Type: 1-D
2014-10-04 16:14:45.320 Height:
2014-10-04 16:14:45.320 Latitude:
2014-10-04 16:14:45.320 Longitude:
2014-10-04 16:14:45.320 On Time: 0min
2014-10-04 16:14:45.320 Sat. Used: 0
2014-10-04 16:14:45.320 In View: 0
2014-10-04 16:14:45.320 Checksum Errors: 0
2014-10-04 16:14:45.320 Last GPS timemark: 2014-10-04 16:14:42
2014-10-04 16:14:45.320 PLL Status
2014-10-04 16:14:45.320 State: Lock
2014-10-04 16:14:45.320 Initial VCO: 2201.414551
2014-10-04 16:14:45.320 Time Error: 0.000000

```

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2014-10-04 16:14:45.320 RMS VCO: 0.0000000  
 2014-10-04 16:14:45.320 Best VCO: 2201.48  
 2014-10-04 16:14:45.320 Seconds Since Track or Lock: 0.0  
 2014-10-04 16:14:45.320 Vco Control: 2201  
 2014-10-04 16:14:45.320 timing mode: external seascan  
 2014-10-04 16:14:45.320 tempco normal  
 2014-10-04 16:14:45.320 PLL update: 10s PLL lock criterion: 5us  
 2014-10-04 16:14:45.320 Pfrac: 150.00  
 2014-10-04 16:14:45.320 VCO slope: -0.0175000  
 2014-10-04 16:14:45.320 VCO intercept: 7.1100001  
 2014-10-04 16:14:45.320 Km delta: 600.0000000  
 2014-10-04 16:14:45.320 Logical Port 4 Status  
 2014-10-04 16:14:45.320 Data Packets Sent: 17800893  
 2014-10-04 16:14:45.320 Flood Packets Sent: 0  
 2014-10-04 16:14:45.320 Packets Re-Sent: 28206  
 2014-10-04 16:14:45.320 Sequence Errors: 0  
 2014-10-04 16:14:45.320 Packet Buffer Used: 22272516  
 2014-10-04 16:14:45.320 Physical Port: Ethernet  
 2014-10-04 16:14:45.320 Baler Model: 14 Software Version: 2.28  
 2014-10-04 16:14:45.320 MAC Address: 00:04:FB:00:02:EA  
 2014-10-04 16:14:45.320 Disk Size: 20000669696  
 2014-10-04 16:14:45.320 Percent of 1177 data files in use: 35.0  
 2014-10-04 16:14:45.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-04 16:14:45.320 Channel Sensitivities (uV per count):  
 2014-10-04 16:14:45.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-04 16:14:45.320 Digitizer Calibration Results:  
 2014-10-04 16:14:45.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-04 16:14:45.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-04 16:14:45.320 DMU1 Software Version=10  
 2014-10-04 16:14:45.320 Supply Voltage=12.7  
 2014-10-04 16:14:45.320 Supply Current=0.40  
 2014-10-04 16:14:45.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-04 16:14:45.320 WebLink Data Maps Restored  
 2014-10-04 16:14:45.320 [2014-10-04 04:13:50.999998] sequence resumes: 15646140 to  
 15646140  
 2014-10-04 16:14:45.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-04 16:14:44  
 2014-10-04 16:20:15.480 [2014-10-04 16:17:16.000000] total packets received: 47450  
 2014-10-04 16:20:15.480 [2014-10-04 16:17:16.000000] command timeouts: 6  
 2014-10-04 16:20:15.480 [2014-10-04 16:17:16.000000] out of window: 70  
 2014-10-04 16:20:15.480 written: HHZ-1163 HH1-1357 HH2-1415 BDH-444 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-04 16:20:15.480 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-25 LH2-26 LDH-28  
 VMZ-2 VM1-2  
 2014-10-04 16:20:15.480 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-10-04 16:20:15.480 [2014-10-04 16:17:16.000000] Done: 4527 recs. seq end:  
 15689545. run: 325 s  
 2014-10-05 04:21:07.380  
 2014-10-05 04:21:07.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-05 04:21:07.380 Control Port 2491 Opened  
 2014-10-05 04:21:07.380 Baler ready on Ethernet  
 2014-10-05 04:21:07.380 Power Cycled Baler Acknowledged  
 2014-10-05 04:21:07.380 Commands Accepted by Q330  
 2014-10-05 04:21:07.380 Access timeout: 300 sec  
 2014-10-05 04:21:07.380 Control Port 4023 Opened  
 2014-10-05 04:21:07.380 Data Port 4024 Opened  
 2014-10-05 04:21:07.380 Registered with Q330  
 2014-10-05 04:21:07.380 Combination Record Received  
 2014-10-05 04:21:07.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-05 04:21:07.380 Link Reset, starting window sequence: 20588  
 2014-10-05 04:21:07.380 GPS Receiver ID Received  
 2014-10-05 04:21:07.380 Manufacturer's Data Received, Property Tag=2017  
 2014-10-05 04:21:07.380 Digitizer Gain & Offsets Received

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2014-10-05 04:21:07.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4527 recs.  
seq end: 15689545  
2014-10-05 04:21:07.380 Baler clock set to 2014-10-05 04:21:06  
2014-10-05 04:21:07.380 Starting to Read DP Tokens  
2014-10-05 04:21:07.380 DP Tokens loaded, size=1474 bytes  
2014-10-05 04:21:07.380 webserver advertising 192.168.200.119:5380  
2014-10-05 04:21:07.380 filters & delay HHZ:1@100,Linear all=0.320000  
2014-10-05 04:21:07.380 filters & delay HH1:2@100,Linear all=0.320000  
2014-10-05 04:21:07.380 filters & delay HH2:3@100,Linear all=0.320000  
2014-10-05 04:21:07.380 filters & delay BDH:4@20,Linear all=1.650000  
2014-10-05 04:21:07.380 filters & delay LHZ:1@1,Linear all=15.000000  
2014-10-05 04:21:07.380 filters & delay LH1:2@1,Linear all=15.000000  
2014-10-05 04:21:07.380 filters & delay LH2:3@1,Linear all=15.000000  
2014-10-05 04:21:07.380 filters & delay LDH:4@1,Linear all=15.000000  
2014-10-05 04:21:07.380 [2014-10-04 16:17:16.000000] continuity found: 15689545  
465754636.000000 Q=100  
2014-10-05 04:21:07.380 [2014-10-04 16:17:16.000000] restoring continuity  
2014-10-05 04:21:07.380 Sending DT\_OPEN  
2014-10-05 04:21:07.380 Station: XX-2017  
2014-10-05 04:21:07.380 Q330 Serial Number: 0100000DB18FC351  
2014-10-05 04:21:07.380 AMB Serial Number: 0100000B6909DD82  
2014-10-05 04:21:07.380 Seismo 1 Serial Number: 0000000000000000  
2014-10-05 04:21:07.380 Seismo 2 Serial Number: 0000000000000000  
2014-10-05 04:21:07.380 QAPCHP 1 Serial Number: 4643206  
2014-10-05 04:21:07.380 QAPCHP 2 Serial Number: 3743050  
2014-10-05 04:21:07.380 KMI Property Tag Number: 2017  
2014-10-05 04:21:07.380 System Software Version: 1.146  
2014-10-05 04:21:07.380 Slave Processor Version: 1.11  
2014-10-05 04:21:07.380 Calibrator Type: QCAL330  
2014-10-05 04:21:07.380 Calibrator Version: 1.8  
2014-10-05 04:21:07.380 Auxiliary Board Type: None  
2014-10-05 04:21:07.380 Clock Type: Motorola M12  
2014-10-05 04:21:07.380 PLD Version: 7.9  
2014-10-05 04:21:07.380 Total Hours: 69512.87  
2014-10-05 04:21:07.380 Power On Hours: 34143.25  
2014-10-05 04:21:07.380 Time of Last Boot: 2014-04-06 02:03:58  
2014-10-05 04:21:07.380 Total Number of Boots: 120  
2014-10-05 04:21:07.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-10-05 04:21:07.380 Total Number of Re-Syncs: 213  
2014-10-05 04:21:07.380 Status Inputs: 00000000  
2014-10-05 04:21:07.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-10-05 04:21:07.380 Clock Quality: 100%  
2014-10-05 04:21:07.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-10-05 04:21:07.380 Clock Phase: 0 usec. max allowed=50000  
2014-10-05 04:21:07.380 Boom positions:  
2014-10-05 04:21:07.380 ch1: -2 ch2: -1 ch3: -2 ch4: 20 ch5: 20 ch6: 20  
2014-10-05 04:21:07.380 Analog Status  
2014-10-05 04:21:07.380 Analog Positive Supply: 5.46V  
2014-10-05 04:21:07.380 Input Voltage: 13.20V  
2014-10-05 04:21:07.380 System Temperature: 5C  
2014-10-05 04:21:07.380 Main Current: 62ma  
2014-10-05 04:21:07.380 Antenna Current: 0ma  
2014-10-05 04:21:07.380 GPS Status  
2014-10-05 04:21:07.380 Time: 04:21:06  
2014-10-05 04:21:07.380 Date:  
2014-10-05 04:21:07.380 Fix Type: 1-D  
2014-10-05 04:21:07.380 Height:  
2014-10-05 04:21:07.380 Latitude:  
2014-10-05 04:21:07.380 Longitude:  
2014-10-05 04:21:07.380 On Time: 0min  
2014-10-05 04:21:07.380 Sat. Used: 0  
2014-10-05 04:21:07.380 In View: 0  
2014-10-05 04:21:07.380 Checksum Errors: 0

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2014-10-05 04:21:07.380 Last GPS timemark: 2014-10-05 04:21:05  
2014-10-05 04:21:07.380 PLL Status  
2014-10-05 04:21:07.380 State: Lock  
2014-10-05 04:21:07.380 Initial VCO: 2201.408447  
2014-10-05 04:21:07.380 Time Error: -0.000001  
2014-10-05 04:21:07.380 RMS VCO: 0.000000  
2014-10-05 04:21:07.380 Best VCO: 2201.52  
2014-10-05 04:21:07.380 Seconds Since Track or Lock: 0.0  
2014-10-05 04:21:07.380 Vco Control: 2202  
2014-10-05 04:21:07.380 timing mode: external seascan  
2014-10-05 04:21:07.380 tempco normal  
2014-10-05 04:21:07.380 PLL update: 10s PLL lock criterion: 5us  
2014-10-05 04:21:07.380 Pfrac: 150.00  
2014-10-05 04:21:07.380 VCO slope: -0.0175000  
2014-10-05 04:21:07.380 VCO intercept: 7.1100001  
2014-10-05 04:21:07.380 Km delta: 600.000000  
2014-10-05 04:21:07.380 Data Packets Sent: 17848243  
2014-10-05 04:21:07.380 Flood Packets Sent: 0  
2014-10-05 04:21:07.380 Packets Re-Sent: 28290  
2014-10-05 04:21:07.380 Sequence Errors: 0  
2014-10-05 04:21:07.380 Packet Buffer Used: 23198324  
2014-10-05 04:21:07.380 Physical Port: Ethernet  
2014-10-05 04:21:07.380 Baler Model: 14 Software Version: 2.28  
2014-10-05 04:21:07.380 MAC Address: 00:04:FB:00:02:EA  
2014-10-05 04:21:07.380 Disk Size: 20000669696  
2014-10-05 04:21:07.380 Percent of 1177 data files in use: 35.1  
2014-10-05 04:21:07.380 Channels Enabled: 1234 Preamps ON channels:  
2014-10-05 04:21:07.380 Channel Sensitivities (uV per count):  
2014-10-05 04:21:07.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
2014-10-05 04:21:07.380 Digitizer Calibration Results:  
2014-10-05 04:21:07.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
2014-10-05 04:21:07.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
2014-10-05 04:21:07.380 DMU1 Software Version=10  
2014-10-05 04:21:07.380 Supply Voltage=12.7  
2014-10-05 04:21:07.380 Supply Current=0.40  
2014-10-05 04:21:07.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
2014-10-05 04:21:07.380 webLink Data Maps Restored  
2014-10-05 04:21:07.380 [2014-10-04 16:17:16.000000] sequence resumes: 15689545 to 15689545  
2014-10-05 04:21:07.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-10-05 04:21:06  
2014-10-05 04:24:51.260 [2014-10-05 00:00:00.000000] Saving Configuration to Backup Memory  
2014-10-05 04:26:50.450 Reducing Status Polling Interval  
2014-10-05 04:26:50.450 [2014-10-05 04:26:50.000000] total packets received: 55601  
2014-10-05 04:26:50.450 [2014-10-05 04:26:50.000000] command timeouts: 6  
2014-10-05 04:26:50.450 [2014-10-05 04:26:50.000000] out of window: 61  
2014-10-05 04:26:50.450 written: HHZ-1230 HH1-1428 HH2-1496 BDH-453 VEP-1 VEC-2  
VEA-1 VKI-1 VCO-1  
2014-10-05 04:26:50.450 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-27 LH2-28 LDH-35  
VMZ-1 VM1-1  
2014-10-05 04:26:50.450 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
2014-10-05 04:26:50.450 [2014-10-05 04:26:50.000000] Done: 4762 recs. seq end: 15733319. run: 339 s  
2014-10-05 16:27:45.370  
2014-10-05 16:27:45.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-10-05 16:27:45.370 Control Port 2491 Opened  
2014-10-05 16:27:45.370 Baler ready on Ethernet  
2014-10-05 16:27:45.370 Power Cycled Baler Acknowledged  
2014-10-05 16:27:45.370 Commands Accepted by Q330  
2014-10-05 16:27:45.370 Access timeout: 300 sec  
2014-10-05 16:27:45.370 Control Port 4023 Opened  
2014-10-05 16:27:45.370 Data Port 4024 Opened

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2014-10-05 16:27:45.370 Registered with Q330  
 2014-10-05 16:27:45.370 Combination Record Received  
 2014-10-05 16:27:45.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-05 16:27:45.370 Link Reset, starting window sequence: 10556  
 2014-10-05 16:27:45.370 GPS Receiver ID Received  
 2014-10-05 16:27:45.370 Manufacturer's Data Received, Property Tag=2017  
 2014-10-05 16:27:45.370 Digitizer Gain & Offsets Received  
 2014-10-05 16:27:45.370 Msg From 192.168.200.119: Baler XX-2017 readback. 4762 recs.  
 seq end: 15733319  
 2014-10-05 16:27:45.370 Baler clock set to 2014-10-05 16:27:44  
 2014-10-05 16:27:45.370 Starting to Read DP Tokens  
 2014-10-05 16:27:45.370 DP Tokens loaded, size=1474 bytes  
 2014-10-05 16:27:45.370 webserver advertising 192.168.200.119:5380  
 2014-10-05 16:27:45.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-05 16:27:45.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-05 16:27:45.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-05 16:27:45.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-05 16:27:45.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-05 16:27:45.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-10-05 16:27:45.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-10-05 16:27:45.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-05 16:27:45.370 [2014-10-05 04:26:50.000000] continuity found: 15733319  
 465798410.000000 Q=100  
 2014-10-05 16:27:45.370 [2014-10-05 04:26:50.000000] restoring continuity  
 2014-10-05 16:27:45.370 Sending DT\_OPEN  
 2014-10-05 16:27:45.370 Station: XX-2017  
 2014-10-05 16:27:45.370 Q330 Serial Number: 0100000DB18FC351  
 2014-10-05 16:27:45.370 AMB Serial Number: 0100000B6909DD82  
 2014-10-05 16:27:45.370 Seismo 1 Serial Number: 0000000000000000  
 2014-10-05 16:27:45.370 Seismo 2 Serial Number: 0000000000000000  
 2014-10-05 16:27:45.370 QAPCHP 1 Serial Number: 4643206  
 2014-10-05 16:27:45.370 QAPCHP 2 Serial Number: 3743050  
 2014-10-05 16:27:45.370 KMI Property Tag Number: 2017  
 2014-10-05 16:27:45.370 System Software Version: 1.146  
 2014-10-05 16:27:45.370 Slave Processor Version: 1.11  
 2014-10-05 16:27:45.370 Calibrator Type: QCAL330  
 2014-10-05 16:27:45.370 Calibrator Version: 1.8  
 2014-10-05 16:27:45.370 Auxiliary Board Type: None  
 2014-10-05 16:27:45.370 Clock Type: Motorola M12  
 2014-10-05 16:27:45.370 PLD Version: 7.9  
 2014-10-05 16:27:45.370 Total Hours: 69524.98  
 2014-10-05 16:27:45.370 Power On Hours: 34155.36  
 2014-10-05 16:27:45.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-05 16:27:45.370 Total Number of Boots: 120  
 2014-10-05 16:27:45.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-05 16:27:45.370 Total Number of Re-Syncs: 213  
 2014-10-05 16:27:45.370 Status Inputs: 00000000  
 2014-10-05 16:27:45.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-05 16:27:45.370 Clock Quality: 100%  
 2014-10-05 16:27:45.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-05 16:27:45.370 Clock Phase: 1 usec. max allowed=50000  
 2014-10-05 16:27:45.370 Boom positions:  
 2014-10-05 16:27:45.370 Ch1: -2 Ch2: -3 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-10-05 16:27:45.370 Analog Status  
 2014-10-05 16:27:45.370 Analog Positive Supply: 5.46v  
 2014-10-05 16:27:45.370 Input Voltage: 13.20v  
 2014-10-05 16:27:45.370 System Temperature: 5C  
 2014-10-05 16:27:45.370 Main Current: 62ma  
 2014-10-05 16:27:45.370 Antenna Current: 0ma  
 2014-10-05 16:27:45.370 GPS Status  
 2014-10-05 16:27:45.370 Time: 16:27:44  
 2014-10-05 16:27:45.370 Date:  
 2014-10-05 16:27:45.370 Fix Type: 1-D

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2014-10-05 16:27:45.370 Height:  
 2014-10-05 16:27:45.370 Latitude:  
 2014-10-05 16:27:45.370 Longitude:  
 2014-10-05 16:27:45.370 On Time: 0min  
 2014-10-05 16:27:45.370 Sat. Used: 0  
 2014-10-05 16:27:45.370 In View: 0  
 2014-10-05 16:27:45.370 Checksum Errors: 0  
 2014-10-05 16:27:45.370 Last GPS timemark: 2014-10-05 16:27:43  
 2014-10-05 16:27:45.370 PLL Status  
 2014-10-05 16:27:45.370 State: Lock  
 2014-10-05 16:27:45.370 Initial VCO: 2201.131836  
 2014-10-05 16:27:45.370 Time Error: 0.000000  
 2014-10-05 16:27:45.370 RMS VCO: 0.000000  
 2014-10-05 16:27:45.370 Best VCO: 2201.14  
 2014-10-05 16:27:45.370 Seconds Since Track or Lock: 0.0  
 2014-10-05 16:27:45.370 Vco Control: 2201  
 2014-10-05 16:27:45.370 timing mode: external seascan  
 2014-10-05 16:27:45.370 tempco normal  
 2014-10-05 16:27:45.370 PLL update: 10s PLL lock criterion: 5us  
 2014-10-05 16:27:45.370 Pfrac: 150.00  
 2014-10-05 16:27:45.370 VCO slope: -0.0175000  
 2014-10-05 16:27:45.370 VCO intercept: 7.1100001  
 2014-10-05 16:27:45.370 Km delta: 600.000000  
 2014-10-05 16:27:45.370 Logical Port 4 Status  
 2014-10-05 16:27:45.370 Data Packets Sent: 17903752  
 2014-10-05 16:27:45.370 Flood Packets Sent: 0  
 2014-10-05 16:27:45.370 Packets Re-Sent: 28368  
 2014-10-05 16:27:45.370 Sequence Errors: 0  
 2014-10-05 16:27:45.370 Packet Buffer Used: 24333912  
 2014-10-05 16:27:45.370 Physical Port: Ethernet  
 2014-10-05 16:27:45.370 Baler Model: 14 Software Version: 2.28  
 2014-10-05 16:27:45.370 MAC Address: 00:04:FB:00:02:EA  
 2014-10-05 16:27:45.370 Disk Size: 20000669696  
 2014-10-05 16:27:45.370 Percent of 1177 data files in use: 35.1  
 2014-10-05 16:27:45.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-05 16:27:45.370 Channel Sensitivities (uV per count):  
 2014-10-05 16:27:45.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-05 16:27:45.370 Digitizer Calibration Results:  
 2014-10-05 16:27:45.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-05 16:27:45.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-05 16:27:45.370 DMU1 Software Version=10  
 2014-10-05 16:27:45.370 Supply Voltage=12.7  
 2014-10-05 16:27:45.370 Supply Current=0.40  
 2014-10-05 16:27:45.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-05 16:27:45.370 WebLink Data Maps Restored  
 2014-10-05 16:27:45.370 [2014-10-05 04:26:50.000000] sequence resumes: 15733319 to 15733319  
 2014-10-05 16:27:45.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-05 16:27:44  
 2014-10-05 16:34:06.770 Reducing Status Polling Interval  
 2014-10-05 16:34:06.770 [2014-10-05 16:34:05.999998] total packets received: 75158  
 2014-10-05 16:34:06.770 [2014-10-05 16:34:05.999998] command timeouts: 6  
 2014-10-05 16:34:06.770 [2014-10-05 16:34:05.999998] out of window: 84  
 2014-10-05 16:34:06.770 written: HHZ-1339 HH1-1507 HH2-1574 BDH-455 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-10-05 16:34:06.770 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-27 LH2-28 LDH-32  
 VMZ-2 VM1-2  
 2014-10-05 16:34:06.770 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-10-05 16:34:06.770 [2014-10-05 16:34:05.999998] Done: 5032 recs. seq end:  
 15776955. run: 378 s  
 2014-10-06 04:35:00.380  
 2014-10-06 04:35:00.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-06 04:35:00.380 Control Port 2491 Opened



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2014-10-06 04:35:00.380 Baler ready on Ethernet
2014-10-06 04:35:00.380 Power Cycled Baler Acknowledged
2014-10-06 04:35:00.380 Commands Accepted by Q330
2014-10-06 04:35:00.380 Access timeout: 300 sec
2014-10-06 04:35:00.380 Control Port 4023 Opened
2014-10-06 04:35:00.380 Data Port 4024 Opened
2014-10-06 04:35:00.380 Registered with Q330
2014-10-06 04:35:00.380 Combination Record Received
2014-10-06 04:35:00.380 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-06 04:35:00.380 Link Reset, starting window sequence: 20055
2014-10-06 04:35:00.380 GPS Receiver ID Received
2014-10-06 04:35:00.380 Manufacturer's Data Received, Property Tag=2017
2014-10-06 04:35:00.380 Digitizer Gain & Offsets Received
2014-10-06 04:35:00.380 Msg From 192.168.200.119:Baler XX-2017 readback. 5032 recs.
seq end: 15776955
2014-10-06 04:35:00.380 Baler clock set to 2014-10-06 04:34:59
2014-10-06 04:35:00.380 Starting to Read DP Tokens
2014-10-06 04:35:00.380 DP Tokens loaded, size=1474 bytes
2014-10-06 04:35:00.380 webserver advertising 192.168.200.119:5380
2014-10-06 04:35:00.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-06 04:35:00.380 filters & delay HH1:2@100,Linear all=0.320000
2014-10-06 04:35:00.380 filters & delay HH2:3@100,Linear all=0.320000
2014-10-06 04:35:00.380 filters & delay BDH:4@20,Linear all=1.650000
2014-10-06 04:35:00.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-06 04:35:00.380 filters & delay LH1:2@1,Linear all=15.000000
2014-10-06 04:35:00.380 filters & delay LH2:3@1,Linear all=15.000000
2014-10-06 04:35:00.380 filters & delay LDH:4@1,Linear all=15.000000
2014-10-06 04:35:00.380 [2014-10-05 16:34:05.999998] continuity found: 15776955
465842046.000000 Q=100
2014-10-06 04:35:00.380 [2014-10-05 16:34:05.999998] restoring continuity
2014-10-06 04:35:00.380 Sending DT_OPEN
2014-10-06 04:35:00.380 Station: XX-2017
2014-10-06 04:35:00.380 Q330 Serial Number: 0100000DB18FC351
2014-10-06 04:35:00.380 AMB Serial Number: 0100000B6909DD82
2014-10-06 04:35:00.380 Seismo 1 Serial Number: 0000000000000000
2014-10-06 04:35:00.380 Seismo 2 Serial Number: 0000000000000000
2014-10-06 04:35:00.380 QAPCHP 1 Serial Number: 4643206
2014-10-06 04:35:00.380 KMI Property Tag Number: 2017
2014-10-06 04:35:00.380 System Software Version: 1.146
2014-10-06 04:35:00.380 Slave Processor Version: 1.11
2014-10-06 04:35:00.380 Calibrator Type: QCAL330
2014-10-06 04:35:00.380 Calibrator Version: 1.8
2014-10-06 04:35:00.380 Auxiliary Board Type: None
2014-10-06 04:35:00.380 Clock Type: Motorola M12
2014-10-06 04:35:00.380 PLD Version: 7.9
2014-10-06 04:35:00.380 Total Hours: 69537.10
2014-10-06 04:35:00.380 Power On Hours: 34167.49
2014-10-06 04:35:00.380 Time of Last Boot: 2014-04-06 02:03:58
2014-10-06 04:35:00.380 Total Number of Boots: 120
2014-10-06 04:35:00.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-06 04:35:00.380 Total Number of Re-Syncs: 213
2014-10-06 04:35:00.380 Status Inputs: 00000000
2014-10-06 04:35:00.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-06 04:35:00.380 Clock Quality: 100%
2014-10-06 04:35:00.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-06 04:35:00.380 Clock Phase: 0 usec. max allowed=50000
2014-10-06 04:35:00.380 Boom positions:
2014-10-06 04:35:00.380 ch1: -2 ch2: -3 ch3: 2 ch4: 20 ch5: 20 ch6: 20
2014-10-06 04:35:00.380 Analog Status
2014-10-06 04:35:00.380 Analog Positive Supply: 5.46V
2014-10-06 04:35:00.380 Input Voltage: 13.20V
2014-10-06 04:35:00.380 System Temperature: 5C
2014-10-06 04:35:00.380 Main Current: 62ma

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2014-10-06 04:35:00.380 Antenna Current: 0ma  
 2014-10-06 04:35:00.380 GPS Status  
 2014-10-06 04:35:00.380 Time: 04:34:59  
 2014-10-06 04:35:00.380 Date:  
 2014-10-06 04:35:00.380 Fix Type: 1-D  
 2014-10-06 04:35:00.380 Height:  
 2014-10-06 04:35:00.380 Latitude:  
 2014-10-06 04:35:00.380 Longitude:  
 2014-10-06 04:35:00.380 On Time: 0min  
 2014-10-06 04:35:00.380 Sat. Used: 0  
 2014-10-06 04:35:00.380 In View: 0  
 2014-10-06 04:35:00.380 Checksum Errors: 0  
 2014-10-06 04:35:00.380 Last GPS timemark: 2014-10-06 04:34:58  
 2014-10-06 04:35:00.380 PLL Status  
 2014-10-06 04:35:00.380 State: Lock  
 2014-10-06 04:35:00.380 Initial VCO: 2201.275391  
 2014-10-06 04:35:00.380 Time Error: 0.000000  
 2014-10-06 04:35:00.380 RMS VCO: 0.0000000  
 2014-10-06 04:35:00.380 Best VCO: 2201.21  
 2014-10-06 04:35:00.380 Seconds Since Track or Lock: 0.0  
 2014-10-06 04:35:00.380 Vco Control: 2201  
 2014-10-06 04:35:00.380 timing mode: external seascan  
 2014-10-06 04:35:00.380 tempco normal  
 2014-10-06 04:35:00.380 PLL update: 10s PLL lock criterion: 5us  
 2014-10-06 04:35:00.380 Pfrac: 150.00  
 2014-10-06 04:35:00.380 VCO slope: -0.0175000  
 2014-10-06 04:35:00.380 VCO intercept: 7.1100001  
 2014-10-06 04:35:00.380 Km delta: 600.0000000  
 2014-10-06 04:35:00.380 Logical Port 4 Status  
 2014-10-06 04:35:00.380 Data Packets Sent: 17978793  
 2014-10-06 04:35:00.380 Flood Packets Sent: 0  
 2014-10-06 04:35:00.380 Packets Re-Sent: 28464  
 2014-10-06 04:35:00.380 Sequence Errors: 0  
 2014-10-06 04:35:00.380 Packet Buffer Used: 23229656  
 2014-10-06 04:35:00.380 Physical Port: Ethernet  
 2014-10-06 04:35:00.380 Baler Model: 14 Software Version: 2.28  
 2014-10-06 04:35:00.380 MAC Address: 00:04:FB:00:02:EA  
 2014-10-06 04:35:00.380 Disk Size: 20000669696  
 2014-10-06 04:35:00.380 Percent of 1177 data files in use: 35.3  
 2014-10-06 04:35:00.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-06 04:35:00.380 Channel Sensitivities (uV per count):  
 2014-10-06 04:35:00.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-06 04:35:00.380 Digitizer Calibration Results:  
 2014-10-06 04:35:00.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-06 04:35:00.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-06 04:35:00.380 DMU1 Software Version=10  
 2014-10-06 04:35:00.380 Supply Voltage=12.6  
 2014-10-06 04:35:00.380 Supply Current=0.41  
 2014-10-06 04:35:00.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-06 04:35:00.380 WebLink Data Maps Restored  
 2014-10-06 04:35:00.380 [2014-10-05 16:34:05.999998] sequence resumes: 15776955 to  
 15776955  
 2014-10-06 04:35:00.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-06 04:34:59  
 2014-10-06 04:38:29.150 [2014-10-06 00:00:00.000001] Saving Configuration to Backup  
 Memory  
 2014-10-06 04:40:47.130 Reducing Status Polling Interval  
 2014-10-06 04:40:47.130 [2014-10-06 04:40:45.999998] total packets received: 58529  
 2014-10-06 04:40:47.130 [2014-10-06 04:40:45.999998] command timeouts: 6  
 2014-10-06 04:40:47.130 [2014-10-06 04:40:45.999998] out of window: 66  
 2014-10-06 04:40:47.130 written: HHZ-1240 HH1-1380 HH2-1547 BDH-449 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-06 04:40:47.130 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-26

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VMZ-2 VM1-2

2014-10-06 04:40:47.130 written: VM2-2 LOG-3 ACE-2 OCF-2  
 2014-10-06 04:40:47.130 [2014-10-06 04:40:45.999998] Done: 4759 recs. seq end: 15820555. run: 343 s  
 2014-10-06 16:41:40.400  
 2014-10-06 16:41:40.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-06 16:41:40.400 Control Port 2491 Opened  
 2014-10-06 16:41:40.400 Baler ready on Ethernet  
 2014-10-06 16:41:40.400 Power Cycled Baler Acknowledged  
 2014-10-06 16:41:40.400 Commands Accepted by Q330  
 2014-10-06 16:41:40.400 Access timeout: 300 sec  
 2014-10-06 16:41:40.400 Control Port 4023 Opened  
 2014-10-06 16:41:40.400 Data Port 4024 Opened  
 2014-10-06 16:41:40.400 Registered with Q330  
 2014-10-06 16:41:40.400 Combination Record Received  
 2014-10-06 16:41:40.400 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-06 16:41:40.400 Link Reset, starting window sequence: 12945  
 2014-10-06 16:41:40.400 GPS Receiver ID Received  
 2014-10-06 16:41:40.400 Manufacturer's Data Received, Property Tag=2017  
 2014-10-06 16:41:40.400 Digitizer Gain & Offsets Received  
 2014-10-06 16:41:40.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4759 recs. seq end: 15820555  
 2014-10-06 16:41:40.400 Baler clock set to 2014-10-06 16:41:39  
 2014-10-06 16:41:40.400 Starting to Read DP Tokens  
 2014-10-06 16:41:40.400 DP Tokens loaded, size=1474 bytes  
 2014-10-06 16:41:40.400 webserver advertising 192.168.200.119:5380  
 2014-10-06 16:41:40.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-06 16:41:40.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-06 16:41:40.400 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-06 16:41:40.400 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-06 16:41:40.400 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-06 16:41:40.400 filters & delay LH1:2@1,Linear all=15.000000  
 2014-10-06 16:41:40.400 filters & delay LH2:3@1,Linear all=15.000000  
 2014-10-06 16:41:40.400 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-06 16:41:40.400 [2014-10-06 04:40:45.999998] continuity found: 15820555 465885646.000000 Q=100  
 2014-10-06 16:41:40.400 [2014-10-06 04:40:45.999998] restoring continuity  
 2014-10-06 16:41:40.400 Sending DT\_OPEN  
 2014-10-06 16:41:40.400 Station: XX-2017  
 2014-10-06 16:41:40.400 Q330 Serial Number: 0100000DB18FC351  
 2014-10-06 16:41:40.400 AMB Serial Number: 0100000B6909DD82  
 2014-10-06 16:41:40.400 Seismo 1 Serial Number: 0000000000000000  
 2014-10-06 16:41:40.400 Seismo 2 Serial Number: 0000000000000000  
 2014-10-06 16:41:40.400 QAPCHP 1 Serial Number: 4643206  
 2014-10-06 16:41:40.400 QAPCHP 2 Serial Number: 3743050  
 2014-10-06 16:41:40.400 KMI Property Tag Number: 2017  
 2014-10-06 16:41:40.400 System Software Version: 1.146  
 2014-10-06 16:41:40.400 Slave Processor Version: 1.11  
 2014-10-06 16:41:40.400 Calibrator Type: QCAL330  
 2014-10-06 16:41:40.400 Calibrator Version: 1.8  
 2014-10-06 16:41:40.400 Auxiliary Board Type: None  
 2014-10-06 16:41:40.400 Clock Type: Motorola M12  
 2014-10-06 16:41:40.400 PLD Version: 7.9  
 2014-10-06 16:41:40.400 Total Hours: 69549.21  
 2014-10-06 16:41:40.400 Power On Hours: 34179.60  
 2014-10-06 16:41:40.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-06 16:41:40.400 Total Number of Boots: 120  
 2014-10-06 16:41:40.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-06 16:41:40.400 Total Number of Re-Syncs: 213  
 2014-10-06 16:41:40.400 Status Inputs: 00000000  
 2014-10-06 16:41:40.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-06 16:41:40.400 Clock quality: 100%  
 2014-10-06 16:41:40.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

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2014-10-06 16:41:40.400 Clock Phase: 1 usec. max allowed=50000  
 2014-10-06 16:41:40.400 Boom positions:  
 2014-10-06 16:41:40.400 Ch1: -2 Ch2: -4 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-10-06 16:41:40.400 Analog Status  
 2014-10-06 16:41:40.400 Analog Positive Supply: 5.46V  
 2014-10-06 16:41:40.400 Input Voltage: 13.35V  
 2014-10-06 16:41:40.400 System Temperature: 5C  
 2014-10-06 16:41:40.400 Main Current: 62ma  
 2014-10-06 16:41:40.400 Antenna Current: 0ma  
 2014-10-06 16:41:40.400 GPS Status  
 2014-10-06 16:41:40.400 Time: 16:41:39  
 2014-10-06 16:41:40.400 Date:  
 2014-10-06 16:41:40.400 Fix Type: 1-D  
 2014-10-06 16:41:40.400 Height:  
 2014-10-06 16:41:40.400 Latitude:  
 2014-10-06 16:41:40.400 Longitude:  
 2014-10-06 16:41:40.400 On Time: 0min  
 2014-10-06 16:41:40.400 Sat. Used: 0  
 2014-10-06 16:41:40.400 In View: 0  
 2014-10-06 16:41:40.400 Checksum Errors: 0  
 2014-10-06 16:41:40.400 Last GPS timemark: 2014-10-06 16:41:38  
 2014-10-06 16:41:40.400 PLL Status  
 2014-10-06 16:41:40.400 State: Lock  
 2014-10-06 16:41:40.400 Initial VCO: 2200.996094  
 2014-10-06 16:41:40.400 Time Error: 0.000000  
 2014-10-06 16:41:40.400 RMS VCO: 0.000000  
 2014-10-06 16:41:40.400 Best VCO: 2200.86  
 2014-10-06 16:41:40.400 Seconds Since Track or Lock: 0.0  
 2014-10-06 16:41:40.400 Vco Control: 2201  
 2014-10-06 16:41:40.400 timing mode: external seascan  
 2014-10-06 16:41:40.400 tempco normal  
 2014-10-06 16:41:40.400 PLL update: 10s PLL lock criterion: 5us  
 2014-10-06 16:41:40.400 Pfrac: 150.00  
 2014-10-06 16:41:40.400 VCO slope: -0.0175000  
 2014-10-06 16:41:40.400 VCO intercept: 7.1100001  
 2014-10-06 16:41:40.400 km delta: 600.0000000  
 2014-10-06 16:41:40.400 Logical Port 4 Status  
 2014-10-06 16:41:40.400 Data Packets Sent: 18037225  
 2014-10-06 16:41:40.400 Flood Packets Sent: 0  
 2014-10-06 16:41:40.400 Packets Re-Sent: 28544  
 2014-10-06 16:41:40.400 Sequence Errors: 0  
 2014-10-06 16:41:40.400 Packet Buffer Used: 23791108  
 2014-10-06 16:41:40.400 Physical Port: Ethernet  
 2014-10-06 16:41:40.400 Baler Model: 14 Software Version: 2.28  
 2014-10-06 16:41:40.400 MAC Address: 00:04:FB:00:02:EA  
 2014-10-06 16:41:40.400 Disk Size: 20000669696  
 2014-10-06 16:41:40.400 Percent of 1177 data files in use: 35.3  
 2014-10-06 16:41:40.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-06 16:41:40.400 Channel Sensitivities (uV per count):  
 2014-10-06 16:41:40.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-06 16:41:40.400 Digitizer Calibration Results:  
 2014-10-06 16:41:40.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-06 16:41:40.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-06 16:41:40.400 DMU1 Software Version=10  
 2014-10-06 16:41:40.400 Supply Voltage=12.7  
 2014-10-06 16:41:40.400 Supply Current=0.41  
 2014-10-06 16:41:40.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-06 16:41:40.400 webLink Data Maps Restored  
 2014-10-06 16:41:40.400 [2014-10-06 04:40:45.999998] sequence resumes: 15820555 to  
 15820555  
 2014-10-06 16:41:40.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-06 16:41:39  
 2014-10-06 16:47:35.390 Reducing Status Polling Interval

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2014-10-06 16:47:35.390 [2014-10-06 16:47:33.999998] total packets received: 64184
2014-10-06 16:47:35.390 [2014-10-06 16:47:33.999998] command timeouts: 6
2014-10-06 16:47:35.390 [2014-10-06 16:47:33.999998] out of window: 62
2014-10-06 16:47:35.390 written: HHZ-1278 HH1-1474 HH2-1569 BDH-436 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-10-06 16:47:35.390 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-06 16:47:35.390 [2014-10-06 16:47:33.999998] Done: 4893 recs. seq end:
15864163. run: 352 s
2014-10-07 04:48:30.310
2014-10-07 04:48:30.310 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-07 04:48:30.310 Control Port 2491 Opened
2014-10-07 04:48:30.310 Baler ready on Ethernet
2014-10-07 04:48:30.310 Power Cycled Baler Acknowledged
2014-10-07 04:48:30.310 Commands Accepted by Q330
2014-10-07 04:48:30.310 Access timeout: 300 sec
2014-10-07 04:48:30.310 Control Port 4023 Opened
2014-10-07 04:48:30.310 Data Port 4024 Opened
2014-10-07 04:48:30.310 Registered with Q330
2014-10-07 04:48:30.310 Combination Record Received
2014-10-07 04:48:30.310 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-07 04:48:30.310 Link Reset, starting window sequence: 11494
2014-10-07 04:48:30.310 GPS Receiver ID Received
2014-10-07 04:48:30.310 Manufacturer's Data Received, Property Tag=2017
2014-10-07 04:48:30.310 Digitizer Gain & Offsets Received
2014-10-07 04:48:30.310 Msg From 192.168.200.119:Baler XX-2017 readback. 4893 recs.
seq end: 15864163
2014-10-07 04:48:30.310 Baler clock set to 2014-10-07 04:48:29
2014-10-07 04:48:30.310 Starting to Read DP Tokens
2014-10-07 04:48:30.310 DP Tokens loaded, size=1474 bytes
2014-10-07 04:48:30.310 Webserver advertising 192.168.200.119:5380
2014-10-07 04:48:30.310 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-07 04:48:30.310 filters & delay HH1:2@100,Linear all=0.320000
2014-10-07 04:48:30.310 filters & delay HH2:3@100,Linear all=0.320000
2014-10-07 04:48:30.310 filters & delay BDH:4@20,Linear all=1.650000
2014-10-07 04:48:30.310 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-07 04:48:30.310 filters & delay LH1:2@1,Linear all=15.000000
2014-10-07 04:48:30.310 filters & delay LH2:3@1,Linear all=15.000000
2014-10-07 04:48:30.310 filters & delay LDH:4@1,Linear all=15.000000
2014-10-07 04:48:30.310 [2014-10-06 16:47:33.999998] continuity found: 15864163
465929254.000000 Q=100
2014-10-07 04:48:30.310 [2014-10-06 16:47:33.999998] restoring continuity
2014-10-07 04:48:30.310 Sending DT_OPEN
2014-10-07 04:48:30.310 Station: XX-2017
2014-10-07 04:48:30.310 Q330 Serial Number: 0100000DB18FC351
2014-10-07 04:48:30.310 AMB Serial Number: 0100000B6909DD82
2014-10-07 04:48:30.310 Seismo 1 Serial Number: 0000000000000000
2014-10-07 04:48:30.310 Seismo 2 Serial Number: 0000000000000000
2014-10-07 04:48:30.310 QAPCHP 1 Serial Number: 4643206
2014-10-07 04:48:30.310 QAPCHP 2 Serial Number: 3743050
2014-10-07 04:48:30.310 KMI Property Tag Number: 2017
2014-10-07 04:48:30.310 System Software Version: 1.146
2014-10-07 04:48:30.310 Slave Processor Version: 1.11
2014-10-07 04:48:30.310 Calibrator Type: QCAL330
2014-10-07 04:48:30.310 Calibrator Version: 1.8
2014-10-07 04:48:30.310 Auxiliary Board Type: None
2014-10-07 04:48:30.310 Clock Type: Motorola M12
2014-10-07 04:48:30.310 PLD Version: 7.9
2014-10-07 04:48:30.310 Total Hours: 69561.33
2014-10-07 04:48:30.310 Power On Hours: 34191.71
2014-10-07 04:48:30.310 Time of Last Boot: 2014-04-06 02:03:58
2014-10-07 04:48:30.310 Total Number of Boots: 120
2014-10-07 04:48:30.310 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-07 04:48:30.310 Total Number of Re-Syncs: 213

```

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2014-10-07 04:48:30.310 Status Inputs: 00000000  
 2014-10-07 04:48:30.310 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-07 04:48:30.310 Clock Quality: 100%  
 2014-10-07 04:48:30.310 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-07 04:48:30.310 Clock Phase: 0 usec. max allowed=50000  
 2014-10-07 04:48:30.310 Boom positions:  
 2014-10-07 04:48:30.310 Ch1: -2 ch2: -4 ch3: 2 ch4: 20 ch5: 20 ch6: 20  
 2014-10-07 04:48:30.310 Analog Status  
 2014-10-07 04:48:30.310 Analog Positive Supply: 5.46V  
 2014-10-07 04:48:30.310 Input Voltage: 13.20V  
 2014-10-07 04:48:30.310 System Temperature: 5C  
 2014-10-07 04:48:30.310 Main Current: 62ma  
 2014-10-07 04:48:30.310 Antenna Current: 0ma  
 2014-10-07 04:48:30.310 GPS Status  
 2014-10-07 04:48:30.310 Time: 04:48:29  
 2014-10-07 04:48:30.310 Date:  
 2014-10-07 04:48:30.310 Fix Type: 1-D  
 2014-10-07 04:48:30.310 Height:  
 2014-10-07 04:48:30.310 Latitude:  
 2014-10-07 04:48:30.310 Longitude:  
 2014-10-07 04:48:30.310 On Time: 0min  
 2014-10-07 04:48:30.310 Sat. Used: 0  
 2014-10-07 04:48:30.310 In View: 0  
 2014-10-07 04:48:30.310 Checksum Errors: 0  
 2014-10-07 04:48:30.310 Last GPS timemark: 2014-10-07 04:48:28  
 2014-10-07 04:48:30.310 PLL Status  
 2014-10-07 04:48:30.310 State: Lock  
 2014-10-07 04:48:30.310 Initial VCO: 2200.975830  
 2014-10-07 04:48:30.310 Time Error: 0.000000  
 2014-10-07 04:48:30.310 RMS VCO: 0.0000000  
 2014-10-07 04:48:30.310 Best VCO: 2200.99  
 2014-10-07 04:48:30.310 Seconds Since Track or Lock: 0.0  
 2014-10-07 04:48:30.310 Vco Control: 2201  
 2014-10-07 04:48:30.310 timing mode: external seascan  
 2014-10-07 04:48:30.310 tempco normal  
 2014-10-07 04:48:30.310 PLL update: 10s PLL lock criterion: 5us  
 2014-10-07 04:48:30.310 Pfrac: 150.00  
 2014-10-07 04:48:30.310 VCO slope: -0.0175000  
 2014-10-07 04:48:30.310 VCO intercept: 7.1100001  
 2014-10-07 04:48:30.310 km delta: 600.0000000  
 2014-10-07 04:48:30.310 Logical Port 4 Status  
 2014-10-07 04:48:30.310 Data Packets Sent: 18101315  
 2014-10-07 04:48:30.310 Flood Packets Sent: 0  
 2014-10-07 04:48:30.310 Packets Re-Sent: 28623  
 2014-10-07 04:48:30.310 Sequence Errors: 0  
 2014-10-07 04:48:30.310 Packet Buffer Used: 23795520  
 2014-10-07 04:48:30.310 Physical Port: Ethernet  
 2014-10-07 04:48:30.310 Baler Model: 14 Software Version: 2.28  
 2014-10-07 04:48:30.310 MAC Address: 00:04:FB:00:02:EA  
 2014-10-07 04:48:30.310 Disk Size: 20000669696  
 2014-10-07 04:48:30.310 Percent of 1177 data files in use: 35.3  
 2014-10-07 04:48:30.310 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-07 04:48:30.310 Channel Sensitivities (uV per count):  
 2014-10-07 04:48:30.310 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-07 04:48:30.310 Digitizer Calibration Results:  
 2014-10-07 04:48:30.310 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-07 04:48:30.310 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-07 04:48:30.310 DMU1 Software Version=10  
 2014-10-07 04:48:30.310 Supply Voltage=12.7  
 2014-10-07 04:48:30.310 Supply Current=0.40  
 2014-10-07 04:48:30.310 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-07 04:48:30.310 WebLink Data Maps Restored  
 2014-10-07 04:48:30.310 [2014-10-06 16:47:33.999998] sequence resumes: 15864163 to

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```

15864163
2014-10-07 04:48:30.310 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-07 04:48:29
2014-10-07 04:52:01.450 [2014-10-06 23:59:59.999998] Saving Configuration to Backup
Memory
2014-10-07 04:54:25.790 Reducing Status Polling Interval
2014-10-07 04:54:25.790 [2014-10-07 04:54:24.999998] total packets received: 61414
2014-10-07 04:54:25.790 [2014-10-07 04:54:24.999998] command timeouts: 6
2014-10-07 04:54:25.790 [2014-10-07 04:54:24.999998] out of window: 69
2014-10-07 04:54:25.790 written: HHZ-1295 HH1-1567 HH2-1468 BDH-429 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-07 04:54:25.790 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-10-07 04:54:25.790 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-07 04:54:25.790 [2014-10-07 04:54:24.999998] Done: 4903 recs. seq end:
15907774. run: 352 s
2014-10-07 16:55:19.400
2014-10-07 16:55:19.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-07 16:55:19.400 Control Port 2491 Opened
2014-10-07 16:55:19.400 Baler ready on Ethernet
2014-10-07 16:55:19.400 Power Cycled Baler Acknowledged
2014-10-07 16:55:19.400 Commands Accepted by Q330
2014-10-07 16:55:19.400 Access timeout: 300 sec
2014-10-07 16:55:19.400 Control Port 4023 Opened
2014-10-07 16:55:19.400 Data Port 4024 Opened
2014-10-07 16:55:19.400 Registered with Q330
2014-10-07 16:55:19.400 Combination Record Received
2014-10-07 16:55:19.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-07 16:55:19.400 Link Reset, starting window sequence: 7266
2014-10-07 16:55:19.400 GPS Receiver ID Received
2014-10-07 16:55:19.400 Manufacturer's Data Received, Property Tag=2017
2014-10-07 16:55:19.400 Digitizer Gain & Offsets Received
2014-10-07 16:55:19.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4903 recs.
seq end: 15907774
2014-10-07 16:55:19.400 Baler clock set to 2014-10-07 16:55:18
2014-10-07 16:55:19.400 Starting to Read DP Tokens
2014-10-07 16:55:19.400 DP Tokens loaded, size=1474 bytes
2014-10-07 16:55:19.400 webserver advertising 192.168.200.119:5380
2014-10-07 16:55:19.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-07 16:55:19.400 filters & delay HH1:2@100,Linear all=0.320000
2014-10-07 16:55:19.400 filters & delay HH2:3@100,Linear all=0.320000
2014-10-07 16:55:19.400 filters & delay BDH:4@20,Linear all=1.650000
2014-10-07 16:55:19.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-07 16:55:19.400 filters & delay LH1:2@1,Linear all=15.000000
2014-10-07 16:55:19.400 filters & delay LH2:3@1,Linear all=15.000000
2014-10-07 16:55:19.400 filters & delay LDH:4@1,Linear all=15.000000
2014-10-07 16:55:19.400 [2014-10-07 04:54:24.999998] continuity found: 15907774
465972865.000000 Q=100
2014-10-07 16:55:19.400 [2014-10-07 04:54:24.999998] restoring continuity
2014-10-07 16:55:19.400 Sending DT_OPEN
2014-10-07 16:55:19.400 Station: XX-2017
2014-10-07 16:55:19.400 Q330 Serial Number: 0100000DB18FC351
2014-10-07 16:55:19.400 AMB Serial Number: 0100000B6909DD82
2014-10-07 16:55:19.400 Seismo 1 Serial Number: 0000000000000000
2014-10-07 16:55:19.400 Seismo 2 Serial Number: 0000000000000000
2014-10-07 16:55:19.400 QAPCHP 1 Serial Number: 4643206
2014-10-07 16:55:19.400 QAPCHP 2 Serial Number: 3743050
2014-10-07 16:55:19.400 KMI Property Tag Number: 2017
2014-10-07 16:55:19.400 System Software Version: 1.146
2014-10-07 16:55:19.400 Slave Processor Version: 1.11
2014-10-07 16:55:19.400 Calibrator Type: QCAL330
2014-10-07 16:55:19.400 Calibrator Version: 1.8
2014-10-07 16:55:19.400 Auxiliary Board Type: None

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2014-10-07 16:55:19.400 Clock Type: Motorola M12  
 2014-10-07 16:55:19.400 PLD Version: 7.9  
 2014-10-07 16:55:19.400 Total Hours: 69573.44  
 2014-10-07 16:55:19.400 Power On Hours: 34203.83  
 2014-10-07 16:55:19.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-07 16:55:19.400 Total Number of Boots: 120  
 2014-10-07 16:55:19.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-07 16:55:19.400 Total Number of Re-Syncs: 213  
 2014-10-07 16:55:19.400 Status Inputs: 00000000  
 2014-10-07 16:55:19.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-07 16:55:19.400 Clock Quality: 100%  
 2014-10-07 16:55:19.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-07 16:55:19.400 Clock Phase: 0 usec. max allowed=50000  
 2014-10-07 16:55:19.400 Boom positions:  
 2014-10-07 16:55:19.400 ch1: -2 ch2: -6 ch3: 2 ch4: 20 ch5: 20 ch6: 20  
 2014-10-07 16:55:19.400 Analog Status  
 2014-10-07 16:55:19.400 Analog Positive Supply: 5.46V  
 2014-10-07 16:55:19.400 Input Voltage: 13.35V  
 2014-10-07 16:55:19.400 System Temperature: 5C  
 2014-10-07 16:55:19.400 Main Current: 62ma  
 2014-10-07 16:55:19.400 Antenna Current: Oma  
 2014-10-07 16:55:19.400 GPS Status  
 2014-10-07 16:55:19.400 Time: 16:55:18  
 2014-10-07 16:55:19.400 Date:  
 2014-10-07 16:55:19.400 Fix Type: 1-D  
 2014-10-07 16:55:19.400 Height:  
 2014-10-07 16:55:19.400 Latitude:  
 2014-10-07 16:55:19.400 Longitude:  
 2014-10-07 16:55:19.400 On Time: 0min  
 2014-10-07 16:55:19.400 Sat. Used: 0  
 2014-10-07 16:55:19.400 In View: 0  
 2014-10-07 16:55:19.400 Last GPS timemark: 2014-10-07 16:55:17  
 2014-10-07 16:55:19.400 PLL Status  
 2014-10-07 16:55:19.400 State: Lock  
 2014-10-07 16:55:19.400 Initial VCO: 2200.853760  
 2014-10-07 16:55:19.400 Time Error: 0.000002  
 2014-10-07 16:55:19.400 RMS VCO: 0.0000000  
 2014-10-07 16:55:19.400 Best VCO: 2200.63  
 2014-10-07 16:55:19.400 Seconds Since Track or Lock: 0.0  
 2014-10-07 16:55:19.400 Vco Control: 2201  
 2014-10-07 16:55:19.400 timing mode: external seascan  
 2014-10-07 16:55:19.400 tempco normal  
 2014-10-07 16:55:19.400 PLL update: 10s PLL lock criterion: 5us  
 2014-10-07 16:55:19.400 Pfrac: 150.00  
 2014-10-07 16:55:19.400 VCO slope: -0.0175000  
 2014-10-07 16:55:19.400 VCO intercept: 7.1100001  
 2014-10-07 16:55:19.400 Km delta: 600.0000000  
 2014-10-07 16:55:19.400 Logical Port 4 Status  
 2014-10-07 16:55:19.400 Data Packets Sent: 18162628  
 2014-10-07 16:55:19.400 Flood Packets Sent: 0  
 2014-10-07 16:55:19.400 Packets Re-Sent: 28709  
 2014-10-07 16:55:19.400 Sequence Errors: 0  
 2014-10-07 16:55:19.400 Packet Buffer Used: 19907888  
 2014-10-07 16:55:19.400 Physical Port: Ethernet  
 2014-10-07 16:55:19.400 Baler Model: 14 Software Version: 2.28  
 2014-10-07 16:55:19.400 MAC Address: 00:04:FB:00:02:EA  
 2014-10-07 16:55:19.400 Disk Size: 20000669696  
 2014-10-07 16:55:19.400 Percent of 1177 data files in use: 35.5  
 2014-10-07 16:55:19.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-07 16:55:19.400 Channel Sensitivities (uV per count):  
 2014-10-07 16:55:19.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-07 16:55:19.400 Digitizer Calibration Results:  
 2014-10-07 16:55:19.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%



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2014-10-07 16:55:19.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-07 16:55:19.400 DMU1 Software Version=10
2014-10-07 16:55:19.400 Supply Voltage=12.6
2014-10-07 16:55:19.400 Supply Current=0.41
2014-10-07 16:55:19.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-07 16:55:19.400 WebLink Data Maps Restored
2014-10-07 16:55:19.400 [2014-10-07 04:54:24.999998] sequence resumes: 15907774 to
15907774
2014-10-07 16:55:19.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-07 16:55:18
2014-10-07 16:58:09.890 Reducing Status Polling Interval
2014-10-07 17:00:22.590 [2014-10-07 16:54:31.000000] total packets received: 43355
2014-10-07 17:00:22.590 [2014-10-07 16:54:31.000000] command timeouts: 6
2014-10-07 17:00:22.590 [2014-10-07 16:54:31.000000] out of window: 56
2014-10-07 17:00:22.590 written: HHZ-1008 HH1-1192 HH2-1200 BDH-396 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-10-07 17:00:22.590 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-20 LH1-23 LH2-24 LDH-24
VMZ-2 VM1-2
2014-10-07 17:00:22.590 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1
2014-10-07 17:00:22.590 [2014-10-07 16:54:31.000000] Done: 3930 recs. seq end:
15950980. run: 300 s
2014-10-08 05:01:16.360
2014-10-08 05:01:16.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-08 05:01:16.360 Control Port 2491 Opened
2014-10-08 05:01:16.360 Baler ready on Ethernet
2014-10-08 05:01:16.360 Power Cycled Baler Acknowledged
2014-10-08 05:01:16.360 Commands Accepted by Q330
2014-10-08 05:01:16.360 Access timeout: 300 sec
2014-10-08 05:01:16.360 Control Port 4023 Opened
2014-10-08 05:01:16.360 Data Port 4024 Opened
2014-10-08 05:01:16.360 Registered with Q330
2014-10-08 05:01:16.360 Combination Record Received
2014-10-08 05:01:16.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-08 05:01:16.360 Link Reset, starting window sequence: 50511
2014-10-08 05:01:16.360 GPS Receiver ID Received
2014-10-08 05:01:16.360 Manufacturer's Data Received, Property Tag=2017
2014-10-08 05:01:16.360 Digitizer Gain & Offsets Received
2014-10-08 05:01:16.360 Msg From 192.168.200.119:Baler XX-2017 readback. 3930 recs.
seq end: 15950980
2014-10-08 05:01:16.360 Baler clock set to 2014-10-08 05:01:15
2014-10-08 05:01:16.360 Starting to Read DP Tokens
2014-10-08 05:01:16.360 DP Tokens loaded, size=1474 bytes
2014-10-08 05:01:16.360 webserver advertising 192.168.200.119:5380
2014-10-08 05:01:16.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-08 05:01:16.360 filters & delay HH1:2@100,Linear all=0.320000
2014-10-08 05:01:16.360 filters & delay HH2:3@100,Linear all=0.320000
2014-10-08 05:01:16.360 filters & delay BDH:4@20,Linear all=1.650000
2014-10-08 05:01:16.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-08 05:01:16.360 filters & delay LH1:2@1,Linear all=15.000000
2014-10-08 05:01:16.360 filters & delay LH2:3@1,Linear all=15.000000
2014-10-08 05:01:16.360 filters & delay LDH:4@1,Linear all=15.000000
2014-10-08 05:01:16.360 [2014-10-07 16:54:31.000000] continuity found: 15950980
466016071.000000 Q=100
2014-10-08 05:01:16.360 [2014-10-07 16:54:31.000000] restoring continuity
2014-10-08 05:01:16.360 Sending DT_OPEN
2014-10-08 05:01:16.360 Station: XX-2017
2014-10-08 05:01:16.360 Q330 Serial Number: 0100000DB18FC351
2014-10-08 05:01:16.360 AMB Serial Number: 0100000B6909DD82
2014-10-08 05:01:16.360 Seismo 1 Serial Number: 0000000000000000
2014-10-08 05:01:16.360 Seismo 2 Serial Number: 0000000000000000
2014-10-08 05:01:16.360 QAPCHP 1 Serial Number: 4643206
2014-10-08 05:01:16.360 QAPCHP 2 Serial Number: 3743050
2014-10-08 05:01:16.360 KMI Property Tag Number: 2017

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2014-10-08 05:01:16.360 System Software Version: 1.146  
 2014-10-08 05:01:16.360 Slave Processor Version: 1.11  
 2014-10-08 05:01:16.360 Calibrator Type: QCAL330  
 2014-10-08 05:01:16.360 Calibrator Version: 1.8  
 2014-10-08 05:01:16.360 Auxiliary Board Type: None  
 2014-10-08 05:01:16.360 Clock Type: Motorola M12  
 2014-10-08 05:01:16.360 PLD Version: 7.9  
 2014-10-08 05:01:16.360 Total Hours: 69585.54  
 2014-10-08 05:01:16.360 Power On Hours: 34215.92  
 2014-10-08 05:01:16.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-08 05:01:16.360 Total Number of Boots: 120  
 2014-10-08 05:01:16.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-08 05:01:16.360 Total Number of Re-Syncs: 213  
 2014-10-08 05:01:16.360 Status Inputs: 00000000  
 2014-10-08 05:01:16.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-08 05:01:16.360 Clock Quality: 100%  
 2014-10-08 05:01:16.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-08 05:01:16.360 Clock Phase: 0 usec. max allowed=50000  
 2014-10-08 05:01:16.360 Boom positions:  
 2014-10-08 05:01:16.360 ch1: -2 ch2: -7 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-10-08 05:01:16.360 Analog Status  
 2014-10-08 05:01:16.360 Analog Positive Supply: 5.46V  
 2014-10-08 05:01:16.360 Input Voltage: 13.20V  
 2014-10-08 05:01:16.360 System Temperature: 5C  
 2014-10-08 05:01:16.360 Main Current: 61ma  
 2014-10-08 05:01:16.360 Antenna Current: 0ma  
 2014-10-08 05:01:16.360 GPS Status  
 2014-10-08 05:01:16.360 Time: 05:01:15  
 2014-10-08 05:01:16.360 Date:  
 2014-10-08 05:01:16.360 Fix Type: 1-D  
 2014-10-08 05:01:16.360 Height:  
 2014-10-08 05:01:16.360 Latitude:  
 2014-10-08 05:01:16.360 Longitude:  
 2014-10-08 05:01:16.360 On Time: 0min  
 2014-10-08 05:01:16.360 Sat. Used: 0  
 2014-10-08 05:01:16.360 In View: 0  
 2014-10-08 05:01:16.360 Checksum Errors: 0  
 2014-10-08 05:01:16.360 Last GPS timemark: 2014-10-08 05:01:14  
 2014-10-08 05:01:16.360 PLL Status  
 2014-10-08 05:01:16.360 State: Lock  
 2014-10-08 05:01:16.360 Initial VCO: 2200.735840  
 2014-10-08 05:01:16.360 Time Error: 0.000000  
 2014-10-08 05:01:16.360 RMS VCO: 0.000000  
 2014-10-08 05:01:16.360 Best VCO: 2201.01  
 2014-10-08 05:01:16.360 Seconds Since Track or Lock: 0.0  
 2014-10-08 05:01:16.360 Vco Control: 2201  
 2014-10-08 05:01:16.360 timing mode: external seascan  
 2014-10-08 05:01:16.360 tempco normal  
 2014-10-08 05:01:16.360 PLL update: 10s PLL lock criterion: 5us  
 2014-10-08 05:01:16.360 Pfrac: 150.00  
 2014-10-08 05:01:16.360 VCO slope: -0.0175000  
 2014-10-08 05:01:16.360 VCO intercept: 7.1100001  
 2014-10-08 05:01:16.360 Km delta: 600.0000000  
 2014-10-08 05:01:16.360 Logical Port 4 Status  
 2014-10-08 05:01:16.360 Data Packets Sent: 18205878  
 2014-10-08 05:01:16.360 Flood Packets Sent: 0  
 2014-10-08 05:01:16.360 Packets Re-Sent: 28788  
 2014-10-08 05:01:16.360 Sequence Errors: 0  
 2014-10-08 05:01:16.360 Packet Buffer Used: 21204988  
 2014-10-08 05:01:16.360 Physical Port: Ethernet  
 2014-10-08 05:01:16.360 Baler Model: 14 Software Version: 2.28  
 2014-10-08 05:01:16.360 MAC Address: 00:04:FB:00:02:EA  
 2014-10-08 05:01:16.360 Disk Size: 20000669696

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2014-10-08 05:01:16.360 Percent of 1177 data files in use: 35.6
2014-10-08 05:01:16.360 Channels Enabled: 1234 Preamps ON channels:
2014-10-08 05:01:16.360 Channel Sensitivities (uV per count):
2014-10-08 05:01:16.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-08 05:01:16.360 Digitizer Calibration Results:
2014-10-08 05:01:16.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-08 05:01:16.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-08 05:01:16.360 DMU1 Software Version=10
2014-10-08 05:01:16.360 Supply Voltage=12.7
2014-10-08 05:01:16.360 Supply Current=0.41
2014-10-08 05:01:16.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-08 05:01:16.360 webLink Data Maps Restored
2014-10-08 05:01:16.360 [2014-10-07 16:54:31.000000] sequence resumes: 15950980 to
15950980
2014-10-08 05:01:16.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-08 05:01:15
2014-10-08 05:04:19.370 [2014-10-08 00:00:00.000000] Saving Configuration to Backup
Memory
2014-10-08 05:06:39.160 Reducing Status Polling Interval
2014-10-08 05:06:39.160 [2014-10-08 05:06:38.999998] total packets received: 45964
2014-10-08 05:06:39.160 [2014-10-08 05:06:38.999998] command timeouts: 6
2014-10-08 05:06:39.160 [2014-10-08 05:06:38.999998] out of window: 68
2014-10-08 05:06:39.160 written: HHZ-1115 HH1-1298 HH2-1314 BDH-410 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-10-08 05:06:39.160 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-19 LH1-25 LH2-24 LDH-25
VMZ-1 VM1-1
2014-10-08 05:06:39.160 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-08 05:06:39.160 [2014-10-08 05:06:38.999998] Done: 4273 recs. seq end:
15994908. run: 318 s
2014-10-08 17:07:31.390
2014-10-08 17:07:31.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-08 17:07:31.390 Control Port 2491 Opened
2014-10-08 17:07:31.390 Baler ready on Ethernet
2014-10-08 17:07:31.390 Power Cycled Baler Acknowledged
2014-10-08 17:07:31.390 Commands Accepted by Q330
2014-10-08 17:07:31.390 Access timeout: 300 sec
2014-10-08 17:07:31.390 Control Port 4023 Opened
2014-10-08 17:07:31.390 Data Port 4024 Opened
2014-10-08 17:07:31.390 Registered with Q330
2014-10-08 17:07:31.390 Combination Record Received
2014-10-08 17:07:31.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-08 17:07:31.390 Link Reset, starting window sequence: 30835
2014-10-08 17:07:31.390 GPS Receiver ID Received
2014-10-08 17:07:31.390 Manufacturer's Data Received, Property Tag=2017
2014-10-08 17:07:31.390 Digitizer Gain & Offsets Received
2014-10-08 17:07:31.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4273 recs.
seq end: 15994908
2014-10-08 17:07:31.390 Baler clock set to 2014-10-08 17:07:30
2014-10-08 17:07:31.390 Starting to Read DP Tokens
2014-10-08 17:07:31.390 DP Tokens loaded, size=1474 bytes
2014-10-08 17:07:31.390 Webserver advertising 192.168.200.119:5380
2014-10-08 17:07:31.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-08 17:07:31.390 filters & delay HH1:2@100,Linear all=0.320000
2014-10-08 17:07:31.390 filters & delay HH2:3@100,Linear all=0.320000
2014-10-08 17:07:31.390 filters & delay BDH:4@20,Linear all=1.650000
2014-10-08 17:07:31.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-08 17:07:31.390 filters & delay LH2:3@1,Linear all=15.000000
2014-10-08 17:07:31.390 filters & delay LDH:4@1,Linear all=15.000000
2014-10-08 17:07:31.390 [2014-10-08 05:06:38.999998] continuity found: 15994908
466059999.000000 Q=100
2014-10-08 17:07:31.390 [2014-10-08 05:06:38.999998] restoring continuity
2014-10-08 17:07:31.390 Sending DT_OPEN
2014-10-08 17:07:31.390 Station: XX-2017

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2014-10-08 17:07:31.390 Q330 Serial Number: 0100000DB18FC351  
 2014-10-08 17:07:31.390 AMB Serial Number: 0100000B6909DD82  
 2014-10-08 17:07:31.390 Seismo 1 Serial Number: 0000000000000000  
 2014-10-08 17:07:31.390 Seismo 2 Serial Number: 0000000000000000  
 2014-10-08 17:07:31.390 QAPCHP 1 Serial Number: 4643206  
 2014-10-08 17:07:31.390 QAPCHP 2 Serial Number: 3743050  
 2014-10-08 17:07:31.390 KMI Property Tag Number: 2017  
 2014-10-08 17:07:31.390 System Software Version: 1.146  
 2014-10-08 17:07:31.390 Slave Processor Version: 1.11  
 2014-10-08 17:07:31.390 Calibrator Type: QCAL330  
 2014-10-08 17:07:31.390 Calibrator Version: 1.8  
 2014-10-08 17:07:31.390 Auxiliary Board Type: None  
 2014-10-08 17:07:31.390 Clock Type: Motorola M12  
 2014-10-08 17:07:31.390 PLD Version: 7.9  
 2014-10-08 17:07:31.390 Total Hours: 69597.64  
 2014-10-08 17:07:31.390 Power On Hours: 34228.03  
 2014-10-08 17:07:31.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-08 17:07:31.390 Total Number of Boots: 120  
 2014-10-08 17:07:31.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-08 17:07:31.390 Total Number of Re-Syncs: 213  
 2014-10-08 17:07:31.390 Status Inputs: 00000000  
 2014-10-08 17:07:31.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-10-08 17:07:31.390 Clock Quality: 100%  
 2014-10-08 17:07:31.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-08 17:07:31.390 Clock Phase: -2 usec. max allowed=50000  
 2014-10-08 17:07:31.390 Boom positions:  
 2014-10-08 17:07:31.390 Ch1: -2 ch2: -8 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-10-08 17:07:31.390 Analog Status  
 2014-10-08 17:07:31.390 Analog Positive Supply: 5.46V  
 2014-10-08 17:07:31.390 Input Voltage: 13.35V  
 2014-10-08 17:07:31.390 System Temperature: 5C  
 2014-10-08 17:07:31.390 Main Current: 61ma  
 2014-10-08 17:07:31.390 Antenna Current: 0ma  
 2014-10-08 17:07:31.390 GPS Status  
 2014-10-08 17:07:31.390 Time: 17:07:31  
 2014-10-08 17:07:31.390 Date:  
 2014-10-08 17:07:31.390 Fix Type: 1-D  
 2014-10-08 17:07:31.390 Height:  
 2014-10-08 17:07:31.390 Latitude:  
 2014-10-08 17:07:31.390 Longitude:  
 2014-10-08 17:07:31.390 On Time: 0min  
 2014-10-08 17:07:31.390 Sat. Used: 0  
 2014-10-08 17:07:31.390 In View: 0  
 2014-10-08 17:07:31.390 Checksum Errors: 0  
 2014-10-08 17:07:31.390 Last GPS timemark: 2014-10-08 17:07:30  
 2014-10-08 17:07:31.390 PLL Status  
 2014-10-08 17:07:31.390 State: Lock  
 2014-10-08 17:07:31.390 Initial VCO: 2201.000244  
 2014-10-08 17:07:31.390 Time Error: 0.000000  
 2014-10-08 17:07:31.390 RMS VCO: 0.0000000  
 2014-10-08 17:07:31.390 Best VCO: 2201.00  
 2014-10-08 17:07:31.390 Seconds Since Track or Lock: 0.0  
 2014-10-08 17:07:31.390 Vco Control: 2201  
 2014-10-08 17:07:31.390 timing mode: external seascan  
 2014-10-08 17:07:31.390 tempco normal  
 2014-10-08 17:07:31.390 PLL update: 10s PLL lock criterion: 5us  
 2014-10-08 17:07:31.390 Pfrac: 150.00  
 2014-10-08 17:07:31.390 VCO slope: -0.0175000  
 2014-10-08 17:07:31.390 VCO intercept: 7.1100001  
 2014-10-08 17:07:31.390 km delta: 600.0000000  
 2014-10-08 17:07:31.390 Logical Port 4 Status  
 2014-10-08 17:07:31.390 Data Packets Sent: 18251744  
 2014-10-08 17:07:31.390 Flood Packets Sent: 0

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2014-10-08 17:07:31.390 Packets Re-Sent: 28870
2014-10-08 17:07:31.390 Sequence Errors: 0
2014-10-08 17:07:31.390 Packet Buffer Used: 22453408
2014-10-08 17:07:31.390 Physical Port: Ethernet
2014-10-08 17:07:31.390 Baler Model: 14   Software Version: 2.28
2014-10-08 17:07:31.390 MAC Address: 00:04:FB:00:02:EA
2014-10-08 17:07:31.390 Disk Size: 20000669696
2014-10-08 17:07:31.390 Percent of 1177 data files in use: 35.7
2014-10-08 17:07:31.390 Channels Enabled: 1234   Preamps ON channels:
2014-10-08 17:07:31.390 Channel Sensitivities (uV per count):
2014-10-08 17:07:31.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-08 17:07:31.390 Digitizer Calibration Results:
2014-10-08 17:07:31.390 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-10-08 17:07:31.390 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-10-08 17:07:31.390 DMU1 Software Version=10
2014-10-08 17:07:31.390 Supply Voltage=12.7
2014-10-08 17:07:31.390 Supply Current=0.40
2014-10-08 17:07:31.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-08 17:07:31.390 webLink Data Maps Restored
2014-10-08 17:07:31.390 [2014-10-08 05:06:38.999998] sequence resumes: 15994908 to
15994908
2014-10-08 17:07:31.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-10-08 17:07:30
2014-10-08 17:13:07.920 Reducing Status Polling Interval
2014-10-08 17:13:07.920 [2014-10-08 17:13:07.999998] total packets received: 52996
2014-10-08 17:13:07.920 [2014-10-08 17:13:07.999998] command timeouts: 6
2014-10-08 17:13:07.920 [2014-10-08 17:13:07.999998] out of window: 64
2014-10-08 17:13:07.920 written: HHZ-1197 HH1-1447 HH2-1351 BDH-436 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-08 17:13:07.920 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-10-08 17:13:07.920 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-08 17:13:07.920 [2014-10-08 17:13:07.999998] Done: 4569 recs. seq end:
16038497. run: 332 s
2014-10-09 05:14:02.410
2014-10-09 05:14:02.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-09 05:14:02.410 Control Port 2491 Opened
2014-10-09 05:14:02.410 Baler ready on Ethernet
2014-10-09 05:14:02.410 Power Cycled Baler Acknowledged
2014-10-09 05:14:02.410 Commands Accepted by Q330
2014-10-09 05:14:02.410 Access timeout: 300 sec
2014-10-09 05:14:02.410 Control Port 4023 Opened
2014-10-09 05:14:02.410 Data Port 4024 Opened
2014-10-09 05:14:02.410 Registered with Q330
2014-10-09 05:14:02.410 Combination Record Received
2014-10-09 05:14:02.410 Window=4   Min. Timeout=10   Max. Timeout=30
2014-10-09 05:14:02.410 Link Reset, starting window sequence: 18195
2014-10-09 05:14:02.410 GPS Receiver ID Received
2014-10-09 05:14:02.410 Manufacturer's Data Received, Property Tag=2017
2014-10-09 05:14:02.410 Digitizer Gain & Offsets Received
2014-10-09 05:14:02.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4569 recs.
seq end: 16038497
2014-10-09 05:14:02.410 Baler clock set to 2014-10-09 05:14:01
2014-10-09 05:14:02.410 Starting to Read DP Tokens
2014-10-09 05:14:02.410 DP Tokens loaded, size=1474 bytes
2014-10-09 05:14:02.410 Webserver advertising 192.168.200.119:5380
2014-10-09 05:14:02.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-09 05:14:02.410 filters & delay HH1:2@100,Linear all=0.320000
2014-10-09 05:14:02.410 filters & delay HH2:3@100,Linear all=0.320000
2014-10-09 05:14:02.410 filters & delay BDH:4@20,Linear all=1.650000
2014-10-09 05:14:02.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-09 05:14:02.410 filters & delay LH1:2@1,Linear all=15.000000
2014-10-09 05:14:02.410 filters & delay LH2:3@1,Linear all=15.000000

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2014-10-09 05:14:02.410 filters & delay LDH:4@1,Linear all=15.000000
2014-10-09 05:14:02.410 [2014-10-08 17:13:07.999998] continuity found: 16038497
466103588.000000 Q=100
2014-10-09 05:14:02.410 [2014-10-08 17:13:07.999998] restoring continuity
2014-10-09 05:14:02.410 Sending DT_OPEN
2014-10-09 05:14:02.410 Station: XX-2017
2014-10-09 05:14:02.410 Q330 Serial Number: 0100000DB18FC351
2014-10-09 05:14:02.410 AMB Serial Number: 0100000B6909DD82
2014-10-09 05:14:02.410 Seismo 1 Serial Number: 0000000000000000
2014-10-09 05:14:02.410 Seismo 2 Serial Number: 0000000000000000
2014-10-09 05:14:02.410 QAPCHP 1 Serial Number: 4643206
2014-10-09 05:14:02.410 QAPCHP 2 Serial Number: 3743050
2014-10-09 05:14:02.410 KMI Property Tag Number: 2017
2014-10-09 05:14:02.410 System Software Version: 1.146
2014-10-09 05:14:02.410 Slave Processor Version: 1.11
2014-10-09 05:14:02.410 Calibrator Type: QCAL330
2014-10-09 05:14:02.410 Calibrator Version: 1.8
2014-10-09 05:14:02.410 Auxiliary Board Type: None
2014-10-09 05:14:02.410 Clock Type: Motorola M12
2014-10-09 05:14:02.410 PLD Version: 7.9
2014-10-09 05:14:02.410 Total Hours: 69609.75
2014-10-09 05:14:02.410 Power On Hours: 34240.14
2014-10-09 05:14:02.410 Time of Last Boot: 2014-04-06 02:03:58
2014-10-09 05:14:02.410 Total Number of Boots: 120
2014-10-09 05:14:02.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-09 05:14:02.410 Total Number of Re-Syncs: 213
2014-10-09 05:14:02.410 Status Inputs: 00000000
2014-10-09 05:14:02.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-10-09 05:14:02.410 Clock Quality: 100%
2014-10-09 05:14:02.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-09 05:14:02.410 Clock Phase: 0 usec. max allowed=50000
2014-10-09 05:14:02.410 Boom positions:
2014-10-09 05:14:02.410 ch1: -2 ch2: -9 ch3: 9 ch4: 20 ch5: 20 ch6: 20
2014-10-09 05:14:02.410 Analog Status
2014-10-09 05:14:02.410 Analog Positive Supply: 5.46v
2014-10-09 05:14:02.410 Input Voltage: 13.35V
2014-10-09 05:14:02.410 System Temperature: 5C
2014-10-09 05:14:02.410 Main Current: 62ma
2014-10-09 05:14:02.410 Antenna Current: 0ma
2014-10-09 05:14:02.410 GPS Status
2014-10-09 05:14:02.410 Time: 05:14:01
2014-10-09 05:14:02.410 Date:
2014-10-09 05:14:02.410 Fix Type: 1-D
2014-10-09 05:14:02.410 Height:
2014-10-09 05:14:02.410 Latitude:
2014-10-09 05:14:02.410 Longitude:
2014-10-09 05:14:02.410 On Time: 0min
2014-10-09 05:14:02.410 Sat. Used: 0
2014-10-09 05:14:02.410 In View: 0
2014-10-09 05:14:02.410 Checksum Errors: 0
2014-10-09 05:14:02.410 Last GPS timemark: 2014-10-09 05:14:00
2014-10-09 05:14:02.410 PLL Status
2014-10-09 05:14:02.410 State: Lock
2014-10-09 05:14:02.410 Initial VCO: 2200.517334
2014-10-09 05:14:02.410 Time Error: 0.000002
2014-10-09 05:14:02.410 RMS VCO: 0.0000000
2014-10-09 05:14:02.410 Best VCO: 2200.32
2014-10-09 05:14:02.410 Seconds Since Track or Lock: 0.0
2014-10-09 05:14:02.410 Vco Control: 2200
2014-10-09 05:14:02.410 timing mode: external seascan
2014-10-09 05:14:02.410 tempco normal
2014-10-09 05:14:02.410 PLL update: 10s PLL lock criterion: 5us
2014-10-09 05:14:02.410 Pfrac: 150.00

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2014-10-09 05:14:02.410 VCO slope: -0.0175000  
 2014-10-09 05:14:02.410 VCO intercept: 7.1100001  
 2014-10-09 05:14:02.410 Km delta: 600.0000000  
 2014-10-09 05:14:02.410 Logical Port 4 Status  
 2014-10-09 05:14:02.410 Data Packets Sent: 18304645  
 2014-10-09 05:14:02.410 Flood Packets Sent: 0  
 2014-10-09 05:14:02.410 Packets Re-Sent: 28950  
 2014-10-09 05:14:02.410 Sequence Errors: 0  
 2014-10-09 05:14:02.410 Packet Buffer Used: 22409488  
 2014-10-09 05:14:02.410 Physical Port: Ethernet  
 2014-10-09 05:14:02.410 Baler Model: 14 Software Version: 2.28  
 2014-10-09 05:14:02.410 MAC Address: 00:04:FB:00:02:EA  
 2014-10-09 05:14:02.410 Disk Size: 20000669696  
 2014-10-09 05:14:02.410 Percent of 1177 data files in use: 35.8  
 2014-10-09 05:14:02.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-09 05:14:02.410 Channel sensitivities (uV per count):  
 2014-10-09 05:14:02.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-09 05:14:02.410 Digitizer Calibration Results:  
 2014-10-09 05:14:02.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-09 05:14:02.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-09 05:14:02.410 DMU1 Software Version=10  
 2014-10-09 05:14:02.410 Supply Voltage=12.7  
 2014-10-09 05:14:02.410 Supply Current=0.41  
 2014-10-09 05:14:02.410 WebLink Data Maps Restored  
 2014-10-09 05:14:02.410 [2014-10-08 17:13:07.999998] sequence resumes: 16038497 to  
 16038497  
 2014-10-09 05:14:02.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-09 05:14:01  
 2014-10-09 05:17:17.170 [2014-10-09 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-10-09 05:19:47.230 Reducing Status Polling Interval  
 2014-10-09 05:19:47.230 [2014-10-09 05:19:45.999998] total packets received: 54554  
 2014-10-09 05:19:47.230 [2014-10-09 05:19:45.999998] command timeouts: 6  
 2014-10-09 05:19:47.230 [2014-10-09 05:19:45.999998] out of window: 78  
 2014-10-09 05:19:47.230 written: HHZ-1198 HH1-1419 HH2-1375 BDH-431 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-09 05:19:47.230 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-10-09 05:19:47.230 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-10-09 05:19:47.230 [2014-10-09 05:19:45.999998] Done: 4567 recs. seq end:  
 16082095. run: 340 s  
 2014-10-09 17:20:40.390  
 2014-10-09 17:20:40.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-09 17:20:40.390 Control Port 2491 Opened  
 2014-10-09 17:20:40.390 Baler ready on Ethernet  
 2014-10-09 17:20:40.390 Power Cycled Baler Acknowledged  
 2014-10-09 17:20:40.390 Commands Accepted by Q330  
 2014-10-09 17:20:40.390 Access timeout: 300 sec  
 2014-10-09 17:20:40.390 Control Port 4023 Opened  
 2014-10-09 17:20:40.390 Data Port 4024 Opened  
 2014-10-09 17:20:40.390 Registered with Q330  
 2014-10-09 17:20:40.390 Combination Record Received  
 2014-10-09 17:20:40.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-09 17:20:40.390 Link Reset, starting window sequence: 7099  
 2014-10-09 17:20:40.390 GPS Receiver ID Received  
 2014-10-09 17:20:40.390 Manufacturer's Data Received, Property Tag=2017  
 2014-10-09 17:20:40.390 Digitizer Gain & Offsets Received  
 2014-10-09 17:20:40.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4567 recs.  
 seq end: 16082095  
 2014-10-09 17:20:40.390 Baler clock set to 2014-10-09 17:20:39  
 2014-10-09 17:20:40.390 Starting to Read DP Tokens  
 2014-10-09 17:20:40.390 DP Tokens loaded, size=1474 bytes  
 2014-10-09 17:20:40.390 webserver advertising 192.168.200.119:5380

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2014-10-09 17:20:40.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-09 17:20:40.390 filters & delay HH1:2@100,Linear all=0.320000
2014-10-09 17:20:40.390 filters & delay HH2:3@100,Linear all=0.320000
2014-10-09 17:20:40.390 filters & delay BDH:4@20,Linear all=1.650000
2014-10-09 17:20:40.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-09 17:20:40.390 filters & delay LH1:2@1,Linear all=15.000000
2014-10-09 17:20:40.390 filters & delay LH2:3@1,Linear all=15.000000
2014-10-09 17:20:40.390 filters & delay LDH:4@1,Linear all=15.000000
2014-10-09 17:20:40.390 [2014-10-09 05:19:45.999998] continuity found: 16082095
466147186.000000 Q=100
2014-10-09 17:20:40.390 [2014-10-09 05:19:45.999998] restoring continuity
2014-10-09 17:20:40.390 Sending DT_OPEN
2014-10-09 17:20:40.390 Station: XX-2017
2014-10-09 17:20:40.390 Q330 Serial Number: 0100000DB18FC351
2014-10-09 17:20:40.390 AMB Serial Number: 0100000B6909DD82
2014-10-09 17:20:40.390 Seismo 1 Serial Number: 0000000000000000
2014-10-09 17:20:40.390 Seismo 2 Serial Number: 0000000000000000
2014-10-09 17:20:40.390 QAPCHP 1 Serial Number: 4643206
2014-10-09 17:20:40.390 QAPCHP 2 Serial Number: 3743050
2014-10-09 17:20:40.390 KMI Property Tag Number: 2017
2014-10-09 17:20:40.390 System Software Version: 1.146
2014-10-09 17:20:40.390 Slave Processor Version: 1.11
2014-10-09 17:20:40.390 Calibrator Type: QCAL330
2014-10-09 17:20:40.390 Calibrator Version: 1.8
2014-10-09 17:20:40.390 Auxiliary Board Type: None
2014-10-09 17:20:40.390 Clock Type: Motorola M12
2014-10-09 17:20:40.390 PLD Version: 7.9
2014-10-09 17:20:40.390 Total Hours: 69621.86
2014-10-09 17:20:40.390 Power On Hours: 34252.25
2014-10-09 17:20:40.390 Time of Last Boot: 2014-04-06 02:03:58
2014-10-09 17:20:40.390 Total Number of Boots: 120
2014-10-09 17:20:40.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-09 17:20:40.390 Total Number of Re-Syncs: 213
2014-10-09 17:20:40.390 Status Inputs: 00000000
2014-10-09 17:20:40.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-09 17:20:40.390 Clock Quality: 100%
2014-10-09 17:20:40.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-09 17:20:40.390 Clock Phase: 0 usec. max allowed=50000
2014-10-09 17:20:40.390 Boom positions:
2014-10-09 17:20:40.390 ch1: -2 ch2: -9 ch3: 10 ch4: 20 ch5: 20 ch6: 20
2014-10-09 17:20:40.390 Analog Status
2014-10-09 17:20:40.390 Analog Positive Supply: 5.46V
2014-10-09 17:20:40.390 Input Voltage: 13.35V
2014-10-09 17:20:40.390 System Temperature: 5C
2014-10-09 17:20:40.390 Main Current: 62ma
2014-10-09 17:20:40.390 Antenna Current: 0ma
2014-10-09 17:20:40.390 GPS Status
2014-10-09 17:20:40.390 Time: 17:20:38
2014-10-09 17:20:40.390 Date:
2014-10-09 17:20:40.390 Fix Type: 1-D
2014-10-09 17:20:40.390 Height:
2014-10-09 17:20:40.390 Latitude:
2014-10-09 17:20:40.390 Longitude:
2014-10-09 17:20:40.390 On Time: 0min
2014-10-09 17:20:40.390 Sat. Used: 0
2014-10-09 17:20:40.390 In View: 0
2014-10-09 17:20:40.390 Checksum Errors: 0
2014-10-09 17:20:40.390 Last GPS timemark: 2014-10-09 17:20:37
2014-10-09 17:20:40.390 PLL Status
2014-10-09 17:20:40.390 State: Lock
2014-10-09 17:20:40.390 Initial VCO: 2200.668457
2014-10-09 17:20:40.390 Time Error: 0.000000
2014-10-09 17:20:40.390 RMS VCO: 0.0000000

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2014-10-09 17:20:40.390 Best VCO: 2200.43  
 2014-10-09 17:20:40.390 Seconds Since Track or Lock: 0.0  
 2014-10-09 17:20:40.390 Vco Control: 2200  
 2014-10-09 17:20:40.390 timing mode: external seascan  
 2014-10-09 17:20:40.390 tempco normal  
 2014-10-09 17:20:40.390 PLL update: 10s PLL lock criterion: 5us  
 2014-10-09 17:20:40.390 Pfrac: 150.00  
 2014-10-09 17:20:40.390 VCO slope: -0.0175000  
 2014-10-09 17:20:40.390 VCO intercept: 7.1100001  
 2014-10-09 17:20:40.390 km delta: 600.0000000  
 2014-10-09 17:20:40.390 Logical Port 4 Status  
 2014-10-09 17:20:40.390 Data Packets Sent: 18359090  
 2014-10-09 17:20:40.390 Flood Packets Sent: 0  
 2014-10-09 17:20:40.390 Packets Re-Sent: 29042  
 2014-10-09 17:20:40.390 Sequence Errors: 0  
 2014-10-09 17:20:40.390 Packet Buffer Used: 22276124  
 2014-10-09 17:20:40.390 Physical Port: Ethernet  
 2014-10-09 17:20:40.390 Baler Model: 14 Software Version: 2.28  
 2014-10-09 17:20:40.390 MAC Address: 00:04:FB:00:02:EA  
 2014-10-09 17:20:40.390 Disk Size: 20000669696  
 2014-10-09 17:20:40.390 Percent of 1177 data files in use: 35.9  
 2014-10-09 17:20:40.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-09 17:20:40.390 Channel Sensitivities (uV per count):  
 2014-10-09 17:20:40.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-09 17:20:40.390 Digitizer Calibration Results:  
 2014-10-09 17:20:40.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-09 17:20:40.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-09 17:20:40.390 DMU1 Software Version=10  
 2014-10-09 17:20:40.390 Supply Voltage=12.6  
 2014-10-09 17:20:40.390 Supply Current=0.41  
 2014-10-09 17:20:40.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-09 17:20:40.390 webLink Data Maps Restored  
 2014-10-09 17:20:40.390 [2014-10-09 05:19:45.999998] sequence resumes: 16082095 to  
 16082095  
 2014-10-09 17:20:40.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-09 17:20:39  
 2014-10-09 17:26:10.110 [2014-10-09 17:20:58.000000] total packets received: 46136  
 2014-10-09 17:26:10.110 [2014-10-09 17:20:58.000000] command timeouts: 6  
 2014-10-09 17:26:10.110 [2014-10-09 17:20:58.000000] out of window: 73  
 2014-10-09 17:26:10.110 written: HHZ-1126 HH1-1407 HH2-1415 BDH-429 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-10-09 17:26:10.110 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-10-09 17:26:10.110 written: VM2-1 LOG-2 ACE-1 OCF-1  
 2014-10-09 17:26:10.110 [2014-10-09 17:20:58.000000] Done: 4511 recs. seq end:  
 16125367. run: 325 s  
 2014-10-10 05:27:02.400  
 2014-10-10 05:27:02.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-10 05:27:02.400 Control Port 2491 Opened  
 2014-10-10 05:27:02.400 Baler ready on Ethernet  
 2014-10-10 05:27:02.400 Power Cycled Baler Acknowledged  
 2014-10-10 05:27:02.400 Commands Accepted by Q330  
 2014-10-10 05:27:02.400 Access timeout: 300 sec  
 2014-10-10 05:27:02.400 Control Port 4023 Opened  
 2014-10-10 05:27:02.400 Data Port 4024 Opened  
 2014-10-10 05:27:02.400 Registered with Q330  
 2014-10-10 05:27:02.400 Combination Record Received  
 2014-10-10 05:27:02.400 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-10 05:27:02.400 Link Reset, starting window sequence: 53127  
 2014-10-10 05:27:02.400 GPS Receiver ID Received  
 2014-10-10 05:27:02.400 Manufacturer's Data Received, Property Tag=2017  
 2014-10-10 05:27:02.400 Digitizer Gain & Offsets Received  
 2014-10-10 05:27:02.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4511 recs.

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seq end: 16125367
2014-10-10 05:27:02.400 Baler clock set to 2014-10-10 05:27:01
2014-10-10 05:27:02.400 Starting to Read DP Tokens
2014-10-10 05:27:02.400 DP Tokens loaded, size=1474 bytes
2014-10-10 05:27:02.400 webserver advertising 192.168.200.119:5380
2014-10-10 05:27:02.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-10 05:27:02.400 filters & delay HH1:2@100,Linear all=0.320000
2014-10-10 05:27:02.400 filters & delay HH2:3@100,Linear all=0.320000
2014-10-10 05:27:02.400 filters & delay BDH:4@20,Linear all=1.650000
2014-10-10 05:27:02.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-10 05:27:02.400 filters & delay LH1:2@1,Linear all=15.000000
2014-10-10 05:27:02.400 filters & delay LH2:3@1,Linear all=15.000000
2014-10-10 05:27:02.400 filters & delay LDH:4@1,Linear all=15.000000
2014-10-10 05:27:02.400 [2014-10-09 17:20:58.000000] continuity found: 16125367
466190458.000000 Q=100
2014-10-10 05:27:02.400 [2014-10-09 17:20:58.000000] restoring continuity
2014-10-10 05:27:02.400 Sending DT_OPEN
2014-10-10 05:27:02.400 Station: XX-2017
2014-10-10 05:27:02.400 Q330 Serial Number: 0100000DB18FC351
2014-10-10 05:27:02.400 AMB Serial Number: 0100000B6909DD82
2014-10-10 05:27:02.400 Seismo 1 Serial Number: 0000000000000000
2014-10-10 05:27:02.400 Seismo 2 Serial Number: 0000000000000000
2014-10-10 05:27:02.400 QAPCHP 1 Serial Number: 4643206
2014-10-10 05:27:02.400 QAPCHP 2 Serial Number: 3743050
2014-10-10 05:27:02.400 KMI Property Tag Number: 2017
2014-10-10 05:27:02.400 System Software Version: 1.146
2014-10-10 05:27:02.400 Slave Processor Version: 1.11
2014-10-10 05:27:02.400 Calibrator Type: QCAL330
2014-10-10 05:27:02.400 Calibrator Version: 1.8
2014-10-10 05:27:02.400 Auxiliary Board Type: None
2014-10-10 05:27:02.400 Clock Type: Motorola M12
2014-10-10 05:27:02.400 PLD Version: 7.9
2014-10-10 05:27:02.400 Total Hours: 69633.97
2014-10-10 05:27:02.400 Power On Hours: 34264.36
2014-10-10 05:27:02.400 Time of Last Boot: 2014-04-06 02:03:58
2014-10-10 05:27:02.400 Total Number of Boots: 120
2014-10-10 05:27:02.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-10 05:27:02.400 Total Number of Re-Syncs: 213
2014-10-10 05:27:02.400 Status Inputs: 00000000
2014-10-10 05:27:02.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-10 05:27:02.400 Clock Quality: 100%
2014-10-10 05:27:02.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-10 05:27:02.400 Clock Phase: 0 usec. max allowed=50000
2014-10-10 05:27:02.400 Boom positions:
2014-10-10 05:27:02.400 ch1: -2 ch2: -10 ch3: 10 ch4: 20 ch5: 20 ch6: 20
2014-10-10 05:27:02.400 Analog Status
2014-10-10 05:27:02.400 Input Voltage: 13.35V
2014-10-10 05:27:02.400 System Temperature: 5C
2014-10-10 05:27:02.400 Main Current: 61ma
2014-10-10 05:27:02.400 Antenna Current: 0ma
2014-10-10 05:27:02.400 GPS Status
2014-10-10 05:27:02.400 Time: 05:27:01
2014-10-10 05:27:02.400 Date:
2014-10-10 05:27:02.400 Fix Type: 1-D
2014-10-10 05:27:02.400 Height:
2014-10-10 05:27:02.400 Latitude:
2014-10-10 05:27:02.400 Longitude:
2014-10-10 05:27:02.400 On Time: 0min
2014-10-10 05:27:02.400 Sat. Used: 0
2014-10-10 05:27:02.400 In View: 0
2014-10-10 05:27:02.400 Checksum Errors: 0
2014-10-10 05:27:02.400 Last GPS timemark: 2014-10-10 05:27:00
2014-10-10 05:27:02.400 PLL Status

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2014-10-10 05:27:02.400 State: Lock  
 2014-10-10 05:27:02.400 Initial VCO: 2200.945557  
 2014-10-10 05:27:02.400 Time Error: 0.000000  
 2014-10-10 05:27:02.400 RMS VCO: 0.0000000  
 2014-10-10 05:27:02.400 Best VCO: 2200.81  
 2014-10-10 05:27:02.400 Seconds Since Track or Lock: 0.0  
 2014-10-10 05:27:02.400 Vco Control: 2201  
 2014-10-10 05:27:02.400 timing mode: external seascan  
 2014-10-10 05:27:02.400 tempco normal  
 2014-10-10 05:27:02.400 PLL update: 10s PLL lock criterion: 5us  
 2014-10-10 05:27:02.400 Pfrac: 150.00  
 2014-10-10 05:27:02.400 VCO slope: -0.0175000  
 2014-10-10 05:27:02.400 VCO intercept: 7.1100001  
 2014-10-10 05:27:02.400 Km delta: 600.0000000  
 2014-10-10 05:27:02.400 Logical Port 4 Status  
 2014-10-10 05:27:02.400 Data Packets Sent: 18405123  
 2014-10-10 05:27:02.400 Flood Packets Sent: 0  
 2014-10-10 05:27:02.400 Packets Re-Sent: 29132  
 2014-10-10 05:27:02.400 Sequence Errors: 0  
 2014-10-10 05:27:02.400 Packet Buffer Used: 23199052  
 2014-10-10 05:27:02.400 Physical Port: Ethernet  
 2014-10-10 05:27:02.400 Baler Model: 14 Software Version: 2.28  
 2014-10-10 05:27:02.400 MAC Address: 00:04:FB:00:02:EA  
 2014-10-10 05:27:02.400 Disk Size: 20000669696  
 2014-10-10 05:27:02.400 Percent of 1177 data files in use: 35.9  
 2014-10-10 05:27:02.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-10 05:27:02.400 Channel Sensitivities (uV per count):  
 2014-10-10 05:27:02.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-10 05:27:02.400 Digitizer Calibration Results:  
 2014-10-10 05:27:02.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-10 05:27:02.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-10 05:27:02.400 DMU1 Software Version=10  
 2014-10-10 05:27:02.400 Supply Voltage=12.7  
 2014-10-10 05:27:02.400 Supply Current=0.41  
 2014-10-10 05:27:02.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-10 05:27:02.400 WebLink Data Maps Restored  
 2014-10-10 05:27:02.400 [2014-10-09 17:20:58.000000] sequence resumes: 16125367 to  
 16125367  
 2014-10-10 05:27:02.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-10 05:27:01  
 2014-10-10 05:30:11.130 [2014-10-10 00:00:00.000001] Saving Configuration to Backup  
 Memory  
 2014-10-10 05:32:45.520 Reducing Status Polling Interval  
 2014-10-10 05:32:45.520 [2014-10-10 05:32:45.000000] total packets received: 56163  
 2014-10-10 05:32:45.520 [2014-10-10 05:32:45.000000] command timeouts: 6  
 2014-10-10 05:32:45.520 [2014-10-10 05:32:45.000000] out of window: 64  
 2014-10-10 05:32:45.520 written: HHZ-1224 HH1-1524 HH2-1420 BDH-437 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-10-10 05:32:45.520 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-10-10 05:32:45.520 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-10-10 05:32:45.520 [2014-10-10 05:32:45.000000] Done: 4746 recs. seq end:  
 16169274. run: 339 s  
 2014-10-10 17:33:39.350  
 2014-10-10 17:33:39.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-10 17:33:39.350 Control Port 2491 Opened  
 2014-10-10 17:33:39.350 Baler ready on Ethernet  
 2014-10-10 17:33:39.350 Power Cycled Baler Acknowledged  
 2014-10-10 17:33:39.350 Commands Accepted by Q330  
 2014-10-10 17:33:39.350 Access timeout: 300 sec  
 2014-10-10 17:33:39.350 Control Port 4023 Opened  
 2014-10-10 17:33:39.350 Data Port 4024 Opened  
 2014-10-10 17:33:39.350 Registered with Q330

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2014-10-10 17:33:39.350 Combination Record Received
2014-10-10 17:33:39.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-10 17:33:39.350 Link Reset, starting window sequence: 43654
2014-10-10 17:33:39.350 GPS Receiver ID Received
2014-10-10 17:33:39.350 Manufacturer's Data Received, Property Tag=2017
2014-10-10 17:33:39.350 Digitizer Gain & Offsets Received
2014-10-10 17:33:39.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4746 recs.
seq end: 16169274
2014-10-10 17:33:39.350 Baler clock set to 2014-10-10 17:33:38
2014-10-10 17:33:39.350 Starting to Read DP Tokens
2014-10-10 17:33:39.350 DP Tokens loaded, size=1474 bytes
2014-10-10 17:33:39.350 webserver advertising 192.168.200.119:5380
2014-10-10 17:33:39.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-10 17:33:39.350 filters & delay HH1:2@100,Linear all=0.320000
2014-10-10 17:33:39.350 filters & delay HH2:3@100,Linear all=0.320000
2014-10-10 17:33:39.350 filters & delay BDH:4@20,Linear all=1.650000
2014-10-10 17:33:39.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-10 17:33:39.350 filters & delay LH1:2@1,Linear all=15.000000
2014-10-10 17:33:39.350 filters & delay LH2:3@1,Linear all=15.000000
2014-10-10 17:33:39.350 filters & delay LDH:4@1,Linear all=15.000000
2014-10-10 17:33:39.350 [2014-10-10 05:32:45.000000] continuity found: 16169274
466234365.000000 Q=100
2014-10-10 17:33:39.350 [2014-10-10 05:32:45.000000] restoring continuity
2014-10-10 17:33:39.350 Sending DT_OPEN
2014-10-10 17:33:39.350 Station: XX-2017
2014-10-10 17:33:39.350 Q330 Serial Number: 0100000DB18FC351
2014-10-10 17:33:39.350 AMB Serial Number: 0100000B6909DD82
2014-10-10 17:33:39.350 Seismo 1 Serial Number: 0000000000000000
2014-10-10 17:33:39.350 Seismo 2 Serial Number: 0000000000000000
2014-10-10 17:33:39.350 QAPCHP 1 Serial Number: 4643206
2014-10-10 17:33:39.350 QAPCHP 2 Serial Number: 3743050
2014-10-10 17:33:39.350 KMI Property Tag Number: 2017
2014-10-10 17:33:39.350 System Software Version: 1.146
2014-10-10 17:33:39.350 Slave Processor Version: 1.11
2014-10-10 17:33:39.350 Calibrator Type: QCAL330
2014-10-10 17:33:39.350 Calibrator Version: 1.8
2014-10-10 17:33:39.350 Auxiliary Board Type: None
2014-10-10 17:33:39.350 Clock Type: Motorola M12
2014-10-10 17:33:39.350 PLD Version: 7.9
2014-10-10 17:33:39.350 Total Hours: 69646.08
2014-10-10 17:33:39.350 Power On Hours: 34276.47
2014-10-10 17:33:39.350 Time of Last Boot: 2014-04-06 02:03:58
2014-10-10 17:33:39.350 Total Number of Boots: 120
2014-10-10 17:33:39.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-10 17:33:39.350 Total Number of Re-Syncs: 213
2014-10-10 17:33:39.350 Status Inputs: 00000000
2014-10-10 17:33:39.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-10 17:33:39.350 Clock Quality: 100%
2014-10-10 17:33:39.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-10 17:33:39.350 Clock Phase: 0 usec. max allowed=50000
2014-10-10 17:33:39.350 Boom positions:
2014-10-10 17:33:39.350 ch1: -2 ch2: -11 ch3: 11 ch4: 20 ch5: 20 ch6: 20
2014-10-10 17:33:39.350 Analog Status
2014-10-10 17:33:39.350 Analog Positive Supply: 5.46V
2014-10-10 17:33:39.350 Input Voltage: 13.35V
2014-10-10 17:33:39.350 System Temperature: 5C
2014-10-10 17:33:39.350 Main Current: 61ma
2014-10-10 17:33:39.350 Antenna Current: 0ma
2014-10-10 17:33:39.350 GPS Status
2014-10-10 17:33:39.350 Time: 17:33:38
2014-10-10 17:33:39.350 Date:
2014-10-10 17:33:39.350 Fix Type: 1-D
2014-10-10 17:33:39.350 Height:

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2014-10-10 17:33:39.350 Latitude:  
 2014-10-10 17:33:39.350 Longitude:  
 2014-10-10 17:33:39.350 On Time: 0min  
 2014-10-10 17:33:39.350 Sat. Used: 0  
 2014-10-10 17:33:39.350 In View: 0  
 2014-10-10 17:33:39.350 Checksum Errors: 0  
 2014-10-10 17:33:39.350 Last GPS timemark: 2014-10-10 17:33:37  
 2014-10-10 17:33:39.350 PLL Status  
 2014-10-10 17:33:39.350 State: Lock  
 2014-10-10 17:33:39.350 Initial VCO: 2201.201416  
 2014-10-10 17:33:39.350 Time Error: -0.000001  
 2014-10-10 17:33:39.350 RMS VCO: 0.0000000  
 2014-10-10 17:33:39.350 Best VCO: 2201.21  
 2014-10-10 17:33:39.350 Seconds Since Track or Lock: 0.0  
 2014-10-10 17:33:39.350 Vco Control: 2201  
 2014-10-10 17:33:39.350 timing mode: external seascan  
 2014-10-10 17:33:39.350 tempco normal  
 2014-10-10 17:33:39.350 PLL update: 10s PLL lock criterion: 5us  
 2014-10-10 17:33:39.350 Pfrac: 150.00  
 2014-10-10 17:33:39.350 VCO slope: -0.0175000  
 2014-10-10 17:33:39.350 VCO intercept: 7.1100001  
 2014-10-10 17:33:39.350 Km delta: 600.0000000  
 2014-10-10 17:33:39.350 Logical Port 4 Status  
 2014-10-10 17:33:39.350 Data Packets Sent: 18461191  
 2014-10-10 17:33:39.350 Flood Packets Sent: 0  
 2014-10-10 17:33:39.350 Packets Re-Sent: 29213  
 2014-10-10 17:33:39.350 Sequence Errors: 0  
 2014-10-10 17:33:39.350 Packet Buffer Used: 22056692  
 2014-10-10 17:33:39.350 Physical Port: Ethernet  
 2014-10-10 17:33:39.350 Baler Model: 14 Software Version: 2.28  
 2014-10-10 17:33:39.350 MAC Address: 00:04:FB:00:02:EA  
 2014-10-10 17:33:39.350 Disk Size: 20000669696  
 2014-10-10 17:33:39.350 Percent of 1177 data files in use: 36.0  
 2014-10-10 17:33:39.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-10 17:33:39.350 Channel Sensitivities (uV per count):  
 2014-10-10 17:33:39.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-10 17:33:39.350 Digitizer Calibration Results:  
 2014-10-10 17:33:39.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-10 17:33:39.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-10 17:33:39.350 DMU1 Software Version=10  
 2014-10-10 17:33:39.350 Supply Voltage=12.7  
 2014-10-10 17:33:39.350 Supply Current=0.41  
 2014-10-10 17:33:39.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-10 17:33:39.350 webLink Data Maps Restored  
 2014-10-10 17:33:39.350 [2014-10-10 05:32:45.000000] sequence resumes: 16169274 to  
 16169274  
 2014-10-10 17:33:39.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-10 17:33:38  
 2014-10-10 17:39:18.900 Reducing Status Polling Interval  
 2014-10-10 17:39:18.900 [2014-10-10 17:39:17.999998] total packets received: 53400  
 2014-10-10 17:39:18.900 [2014-10-10 17:39:17.999998] command timeouts: 6  
 2014-10-10 17:39:18.900 [2014-10-10 17:39:17.999998] out of window: 76  
 2014-10-10 17:39:18.900 written: HHZ-1171 HH1-1428 HH2-1326 BDH-417 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-10 17:39:18.900 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-10-10 17:39:18.900 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-10-10 17:39:18.900 [2014-10-10 17:39:17.999998] Done: 4480 recs. seq end:  
 16212867. run: 335 s  
 2014-10-11 05:40:11.350  
 2014-10-11 05:40:11.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-11 05:40:11.350 Control Port 2491 Opened  
 2014-10-11 05:40:11.350 Baler ready on Ethernet

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2014-10-11 05:40:11.350 Power Cycled Baler Acknowledged
2014-10-11 05:40:11.350 Commands Accepted by Q330
2014-10-11 05:40:11.350 Access timeout: 300 sec
2014-10-11 05:40:11.350 Control Port 4023 Opened
2014-10-11 05:40:11.350 Data Port 4024 Opened
2014-10-11 05:40:11.350 Registered with Q330
2014-10-11 05:40:11.350 Combination Record Received
2014-10-11 05:40:11.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-11 05:40:11.350 Link Reset, starting window sequence: 31405
2014-10-11 05:40:11.350 GPS Receiver ID Received
2014-10-11 05:40:11.350 Manufacturer's Data Received, Property Tag=2017
2014-10-11 05:40:11.350 Digitizer Gain & Offsets Received
2014-10-11 05:40:11.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4480 recs.
seq end: 16212867
2014-10-11 05:40:11.350 Starting to Read DP Tokens
2014-10-11 05:40:11.350 DP Tokens loaded, size=1474 bytes
2014-10-11 05:40:11.350 webserver advertising 192.168.200.119:5380
2014-10-11 05:40:11.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-11 05:40:11.350 filters & delay HH1:2@100,Linear all=0.320000
2014-10-11 05:40:11.350 filters & delay HH2:3@100,Linear all=0.320000
2014-10-11 05:40:11.350 filters & delay BDH:4@20,Linear all=1.650000
2014-10-11 05:40:11.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-11 05:40:11.350 filters & delay LH1:2@1,Linear all=15.000000
2014-10-11 05:40:11.350 filters & delay LH2:3@1,Linear all=15.000000
2014-10-11 05:40:11.350 filters & delay LDH:4@1,Linear all=15.000000
2014-10-11 05:40:11.350 [2014-10-10 17:39:17.999998] continuity found: 16212867
466277958.000000 Q=100
2014-10-11 05:40:11.350 [2014-10-10 17:39:17.999998] restoring continuity
2014-10-11 05:40:11.350 Sending DT_OPEN
2014-10-11 05:40:11.350 Station: XX-2017
2014-10-11 05:40:11.350 Q330 Serial Number: 0100000DB18FC351
2014-10-11 05:40:11.350 AMB Serial Number: 0100000B6909DD82
2014-10-11 05:40:11.350 Seismo 1 Serial Number: 0000000000000000
2014-10-11 05:40:11.350 Seismo 2 Serial Number: 0000000000000000
2014-10-11 05:40:11.350 QAPCHP 1 Serial Number: 4643206
2014-10-11 05:40:11.350 QAPCHP 2 Serial Number: 3743050
2014-10-11 05:40:11.350 KMI Property Tag Number: 2017
2014-10-11 05:40:11.350 System Software Version: 1.146
2014-10-11 05:40:11.350 Slave Processor Version: 1.11
2014-10-11 05:40:11.350 Calibrator Type: QCAL330
2014-10-11 05:40:11.350 Calibrator Version: 1.8
2014-10-11 05:40:11.350 Auxiliary Board Type: None
2014-10-11 05:40:11.350 Clock Type: Motorola M12
2014-10-11 05:40:11.350 PLD Version: 7.9
2014-10-11 05:40:11.350 Total Hours: 69658.19
2014-10-11 05:40:11.350 Power On Hours: 34288.57
2014-10-11 05:40:11.350 Time of Last Boot: 2014-04-06 02:03:58
2014-10-11 05:40:11.350 Total Number of Boots: 120
2014-10-11 05:40:11.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-11 05:40:11.350 Total Number of Re-Syncs: 213
2014-10-11 05:40:11.350 Status Inputs: 00000000
2014-10-11 05:40:11.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-11 05:40:11.350 Clock Quality: 100%
2014-10-11 05:40:11.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-11 05:40:11.350 Clock Phase: 0 usec. max allowed=50000
2014-10-11 05:40:11.350 Boom positions:
2014-10-11 05:40:11.350 ch1: -2 ch2: -12 ch3: 11 ch4: 20 ch5: 20 ch6: 20
2014-10-11 05:40:11.350 Analog Status
2014-10-11 05:40:11.350 Analog Positive Supply: 5.46V
2014-10-11 05:40:11.350 Input Voltage: 13.35V
2014-10-11 05:40:11.350 System Temperature: 5C
2014-10-11 05:40:11.350 Main Current: 62ma
2014-10-11 05:40:11.350 Antenna Current: 0ma

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2014-10-11 05:40:11.350 GPS Status
2014-10-11 05:40:11.350 Time: 05:40:10
2014-10-11 05:40:11.350 Date:
2014-10-11 05:40:11.350 Fix Type: 1-D
2014-10-11 05:40:11.350 Height:
2014-10-11 05:40:11.350 Latitude:
2014-10-11 05:40:11.350 Longitude:
2014-10-11 05:40:11.350 On Time: 0min
2014-10-11 05:40:11.350 Sat. Used: 0
2014-10-11 05:40:11.350 In View: 0
2014-10-11 05:40:11.350 Checksum Errors: 0
2014-10-11 05:40:11.350 Last GPS timemark: 2014-10-11 05:40:09
2014-10-11 05:40:11.350 PLL Status
2014-10-11 05:40:11.350 State: Lock
2014-10-11 05:40:11.350 Initial VCO: 2201.322021
2014-10-11 05:40:11.350 Time Error: 0.000000
2014-10-11 05:40:11.350 RMS VCO: 0.0000000
2014-10-11 05:40:11.350 Best VCO: 2201.34
2014-10-11 05:40:11.350 Seconds Since Track or Lock: 0.0
2014-10-11 05:40:11.350 Vco Control: 2201
2014-10-11 05:40:11.350 timing mode: external seascan
2014-10-11 05:40:11.350 tempco normal
2014-10-11 05:40:11.350 PLL update: 10s PLL lock criterion: 5us
2014-10-11 05:40:11.350 Pfrac: 150.00
2014-10-11 05:40:11.350 VCO slope: -0.0175000
2014-10-11 05:40:11.350 VCO intercept: 7.1100001
2014-10-11 05:40:11.350 km delta: 600.0000000
2014-10-11 05:40:11.350 Logical Port 4 Status
2014-10-11 05:40:11.350 Data Packets Sent: 18514484
2014-10-11 05:40:11.350 Flood Packets Sent: 0
2014-10-11 05:40:11.350 Packets Re-Sent: 29301
2014-10-11 05:40:11.350 Sequence Errors: 0
2014-10-11 05:40:11.350 Packet Buffer Used: 23139504
2014-10-11 05:40:11.350 Physical Port: Ethernet
2014-10-11 05:40:11.350 Baler Model: 14 Software Version: 2.28
2014-10-11 05:40:11.350 MAC Address: 00:04:FB:00:02:EA
2014-10-11 05:40:11.350 Disk Size: 20000669696
2014-10-11 05:40:11.350 Percent of 1177 data files in use: 36.2
2014-10-11 05:40:11.350 Channels Enabled: 1234 Preamps ON channels:
2014-10-11 05:40:11.350 Channel Sensitivities (uV per count):
2014-10-11 05:40:11.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-11 05:40:11.350 Digitizer Calibration Results:
2014-10-11 05:40:11.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-11 05:40:11.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-11 05:40:11.350 DMU1 Software Version=10
2014-10-11 05:40:11.350 Supply Voltage=12.6
2014-10-11 05:40:11.350 Supply Current=0.41
2014-10-11 05:40:11.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-11 05:40:11.350 webLink Data Maps Restored
2014-10-11 05:40:11.350 [2014-10-10 17:39:17.999998] sequence resumes: 16212867 to
16212867
2014-10-11 05:40:11.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-11 05:40:10
2014-10-11 05:43:11.510 [2014-10-11 00:00:00.000000] saving Configuration to Backup
Memory
2014-10-11 05:46:00.510 Reducing Status Polling Interval
2014-10-11 05:46:00.510 [2014-10-11 05:46:00.000000] total packets received: 56490
2014-10-11 05:46:00.510 [2014-10-11 05:46:00.000000] command timeouts: 6
2014-10-11 05:46:00.510 [2014-10-11 05:46:00.000000] out of window: 66
2014-10-11 05:46:00.510 written: HHZ-1243 HH1-1529 HH2-1426 BDH-420 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-10-11 05:46:00.510 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1

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2014-10-11 05:46:00.510 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-11 05:46:00.510 [2014-10-11 05:46:00.000000] Done: 4753 recs. seq end:
16256469. run: 345 s
2014-10-11 17:46:54.390
2014-10-11 17:46:54.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-11 17:46:54.390 Control Port 2491 Opened
2014-10-11 17:46:54.390 Baler ready on Ethernet
2014-10-11 17:46:54.390 Power Cycled Baler Acknowledged
2014-10-11 17:46:54.390 Commands Accepted by Q330
2014-10-11 17:46:54.390 Access timeout: 300 sec
2014-10-11 17:46:54.390 Control Port 4023 Opened
2014-10-11 17:46:54.390 Data Port 4024 Opened
2014-10-11 17:46:54.390 Registered with Q330
2014-10-11 17:46:54.390 Combination Record Received
2014-10-11 17:46:54.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-11 17:46:54.390 Link Reset, starting window sequence: 22256
2014-10-11 17:46:54.390 GPS Receiver ID Received
2014-10-11 17:46:54.390 Manufacturer's Data Received, Property Tag=2017
2014-10-11 17:46:54.390 Digitizer Gain & Offsets Received
2014-10-11 17:46:54.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4753 recs.
seq end: 16256469
2014-10-11 17:46:54.390 Baler clock set to 2014-10-11 17:46:53
2014-10-11 17:46:54.390 Starting to Read DP Tokens
2014-10-11 17:46:54.390 DP Tokens loaded, size=1474 bytes
2014-10-11 17:46:54.390 webserver advertising 192.168.200.119:5380
2014-10-11 17:46:54.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-11 17:46:54.390 filters & delay HH1:2@100,Linear all=0.320000
2014-10-11 17:46:54.390 filters & delay HH2:3@100,Linear all=0.320000
2014-10-11 17:46:54.390 filters & delay BDH:4@20,Linear all=1.650000
2014-10-11 17:46:54.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-11 17:46:54.390 filters & delay LH1:2@1,Linear all=15.000000
2014-10-11 17:46:54.390 filters & delay LH2:3@1,Linear all=15.000000
2014-10-11 17:46:54.390 filters & delay LDH:4@1,Linear all=15.000000
2014-10-11 17:46:54.390 [2014-10-11 05:46:00.000000] continuity found: 16256469
466321560.000000 Q=100
2014-10-11 17:46:54.390 [2014-10-11 05:46:00.000000] restoring continuity
2014-10-11 17:46:54.390 Sending DT_OPEN
2014-10-11 17:46:54.390 Station: XX-2017
2014-10-11 17:46:54.390 Q330 Serial Number: 0100000DB18FC351
2014-10-11 17:46:54.390 AMB Serial Number: 0100000B6909DD82
2014-10-11 17:46:54.390 Seismo 1 Serial Number: 0000000000000000
2014-10-11 17:46:54.390 Seismo 2 Serial Number: 0000000000000000
2014-10-11 17:46:54.390 QAPCHP 1 Serial Number: 4643206
2014-10-11 17:46:54.390 QAPCHP 2 Serial Number: 3743050
2014-10-11 17:46:54.390 KMI Property Tag Number: 2017
2014-10-11 17:46:54.390 System Software Version: 1.146
2014-10-11 17:46:54.390 Slave Processor Version: 1.11
2014-10-11 17:46:54.390 Calibrator Type: QCAL330
2014-10-11 17:46:54.390 Calibrator Version: 1.8
2014-10-11 17:46:54.390 Auxiliary Board Type: None
2014-10-11 17:46:54.390 Clock Type: Motorola M12
2014-10-11 17:46:54.390 PLD Version: 7.9
2014-10-11 17:46:54.390 Total Hours: 69670.30
2014-10-11 17:46:54.390 Power On Hours: 34300.69
2014-10-11 17:46:54.390 Time of Last Boot: 2014-04-06 02:03:58
2014-10-11 17:46:54.390 Total Number of Boots: 120
2014-10-11 17:46:54.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-11 17:46:54.390 Total Number of Re-Syncs: 213
2014-10-11 17:46:54.390 Status Inputs: 00000000
2014-10-11 17:46:54.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-11 17:46:54.390 Clock Quality: 100%
2014-10-11 17:46:54.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-11 17:46:54.390 Clock Phase: 0 usec. max allowed=50000

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2014-10-11 17:46:54.390 Boom positions:  
 2014-10-11 17:46:54.390 Ch1: -2 Ch2: -12 Ch3: 11 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-10-11 17:46:54.390 Analog Status  
 2014-10-11 17:46:54.390 Analog Positive Supply: 5.46V  
 2014-10-11 17:46:54.390 Input Voltage: 13.35V  
 2014-10-11 17:46:54.390 System Temperature: 5C  
 2014-10-11 17:46:54.390 Main Current: 61ma  
 2014-10-11 17:46:54.390 Antenna Current: 0ma  
 2014-10-11 17:46:54.390 GPS Status  
 2014-10-11 17:46:54.390 Time: 17:46:53  
 2014-10-11 17:46:54.390 Date:  
 2014-10-11 17:46:54.390 Fix Type: 1-D  
 2014-10-11 17:46:54.390 Height:  
 2014-10-11 17:46:54.390 Latitude:  
 2014-10-11 17:46:54.390 Longitude:  
 2014-10-11 17:46:54.390 On Time: 0min  
 2014-10-11 17:46:54.390 Sat. Used: 0  
 2014-10-11 17:46:54.390 In View: 0  
 2014-10-11 17:46:54.390 Checksum Errors: 0  
 2014-10-11 17:46:54.390 Last GPS timemark: 2014-10-11 17:46:52  
 2014-10-11 17:46:54.390 PLL Status  
 2014-10-11 17:46:54.390 State: Lock  
 2014-10-11 17:46:54.390 Initial VCO: 2201.977783  
 2014-10-11 17:46:54.390 Time Error: 0.000002  
 2014-10-11 17:46:54.390 RMS VCO: 0.000000  
 2014-10-11 17:46:54.390 Best VCO: 2201.70  
 2014-10-11 17:46:54.390 Seconds Since Track or Lock: 0.0  
 2014-10-11 17:46:54.390 Vco Control: 2202  
 2014-10-11 17:46:54.390 timing mode: external seascan  
 2014-10-11 17:46:54.390 tempco normal  
 2014-10-11 17:46:54.390 PLL update: 10s PLL lock criterion: 5us  
 2014-10-11 17:46:54.390 Pfrac: 150.00  
 2014-10-11 17:46:54.390 VCO slope: -0.0175000  
 2014-10-11 17:46:54.390 VCO intercept: 7.1100001  
 2014-10-11 17:46:54.390 Km delta: 600.000000  
 2014-10-11 17:46:54.390 Logical Port 4 Status  
 2014-10-11 17:46:54.390 Data Packets Sent: 18570877  
 2014-10-11 17:46:54.390 Flood Packets Sent: 0  
 2014-10-11 17:46:54.390 Packets Re-Sent: 29390  
 2014-10-11 17:46:54.390 Sequence Errors: 0  
 2014-10-11 17:46:54.390 Packet Buffer Used: 24278524  
 2014-10-11 17:46:54.390 Physical Port: Ethernet  
 2014-10-11 17:46:54.390 Baler Model: 14 Software Version: 2.28  
 2014-10-11 17:46:54.390 Disk Size: 20000669696  
 2014-10-11 17:46:54.390 Percent of 1177 data files in use: 36.2  
 2014-10-11 17:46:54.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-11 17:46:54.390 Channel Sensitivities (uV per count):  
 2014-10-11 17:46:54.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-11 17:46:54.390 Digitizer Calibration Results:  
 2014-10-11 17:46:54.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-11 17:46:54.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-11 17:46:54.390 DMU1 Software Version=10  
 2014-10-11 17:46:54.390 Supply Voltage=12.7  
 2014-10-11 17:46:54.390 Supply Current=0.40  
 2014-10-11 17:46:54.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-11 17:46:54.390 WebLink Data Maps Restored  
 2014-10-11 17:46:54.390 [2014-10-11 05:46:00.000000] sequence resumes: 16256469 to 16256469  
 2014-10-11 17:46:54.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-10-11 17:46:53  
 2014-10-11 17:52:59.810 Reducing Status Polling Interval  
 2014-10-11 17:52:59.810 [2014-10-11 17:52:58.999998] total packets received: 62444  
 2014-10-11 17:52:59.810 [2014-10-11 17:52:58.999998] command timeouts: 6

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2014-10-11 17:52:59.810 [2014-10-11 17:52:58.999998] out of window: 79
2014-10-11 17:52:59.810 written: HHZ-1316 HH1-1630 HH2-1506 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-11 17:52:59.810 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-10-11 17:52:59.810 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-11 17:52:59.810 [2014-10-11 17:52:58.999998] Done: 5025 recs. seq end:
16300088. run: 361 s
2014-10-12 05:53:53.420
2014-10-12 05:53:53.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-12 05:53:53.420 Control Port 2491 Opened
2014-10-12 05:53:53.420 Baler ready on Ethernet
2014-10-12 05:53:53.420 Power Cycled Baler Acknowledged
2014-10-12 05:53:53.420 Commands Accepted by Q330
2014-10-12 05:53:53.420 Access timeout: 300 sec
2014-10-12 05:53:53.420 Control Port 4023 Opened
2014-10-12 05:53:53.420 Data Port 4024 Opened
2014-10-12 05:53:53.420 Registered with Q330
2014-10-12 05:53:53.420 Combination Record Received
2014-10-12 05:53:53.420 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-12 05:53:53.420 Link Reset, starting window sequence: 19048
2014-10-12 05:53:53.420 GPS Receiver ID Received
2014-10-12 05:53:53.420 Manufacturer's Data Received, Property Tag=2017
2014-10-12 05:53:53.420 Digitizer Gain & Offsets Received
2014-10-12 05:53:53.420 Msg From 192.168.200.119:Baler XX-2017 readback. 5025 recs.
seq end: 16300088
2014-10-12 05:53:53.420 Baler clock set to 2014-10-12 05:53:52
2014-10-12 05:53:53.420 Starting to Read DP Tokens
2014-10-12 05:53:53.420 DP Tokens loaded, size=1474 bytes
2014-10-12 05:53:53.420 Webserver advertising 192.168.200.119:5380
2014-10-12 05:53:53.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-12 05:53:53.420 filters & delay HH1:2@100,Linear all=0.320000
2014-10-12 05:53:53.420 filters & delay HH2:3@100,Linear all=0.320000
2014-10-12 05:53:53.420 filters & delay BDH:4@20,Linear all=1.650000
2014-10-12 05:53:53.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-12 05:53:53.420 filters & delay LH1:2@1,Linear all=15.000000
2014-10-12 05:53:53.420 filters & delay LH2:3@1,Linear all=15.000000
2014-10-12 05:53:53.420 filters & delay LDH:4@1,Linear all=15.000000
2014-10-12 05:53:53.420 [2014-10-11 17:52:58.999998] continuity found: 16300088
466365179.000000 Q=100
2014-10-12 05:53:53.420 [2014-10-11 17:52:58.999998] restoring continuity
2014-10-12 05:53:53.420 Sending DT_OPEN
2014-10-12 05:53:53.420 Station: XX-2017
2014-10-12 05:53:53.420 Q330 Serial Number: 0100000DB18FC351
2014-10-12 05:53:53.420 AMB Serial Number: 0100000B6909DD82
2014-10-12 05:53:53.420 Seismo 1 Serial Number: 0000000000000000
2014-10-12 05:53:53.420 Seismo 2 Serial Number: 0000000000000000
2014-10-12 05:53:53.420 QAPCHP 1 Serial Number: 4643206
2014-10-12 05:53:53.420 QAPCHP 2 Serial Number: 3743050
2014-10-12 05:53:53.420 KMI Property Tag Number: 2017
2014-10-12 05:53:53.420 System Software Version: 1.146
2014-10-12 05:53:53.420 Slave Processor Version: 1.11
2014-10-12 05:53:53.420 Calibrator Type: QCAL330
2014-10-12 05:53:53.420 Calibrator Version: 1.8
2014-10-12 05:53:53.420 Auxiliary Board Type: None
2014-10-12 05:53:53.420 Clock Type: Motorola M12
2014-10-12 05:53:53.420 PLD Version: 7.9
2014-10-12 05:53:53.420 Total Hours: 69682.42
2014-10-12 05:53:53.420 Power On Hours: 34312.80
2014-10-12 05:53:53.420 Time of Last Boot: 2014-04-06 02:03:58
2014-10-12 05:53:53.420 Total Number of Boots: 120
2014-10-12 05:53:53.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-12 05:53:53.420 Total Number of Re-Syncs: 213

```

S01\_messages.txt

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2014-10-12 05:53:53.420 Status Inputs: 00000000
2014-10-12 05:53:53.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-12 05:53:53.420 Clock Quality: 100%
2014-10-12 05:53:53.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-12 05:53:53.420 Clock Phase: 0 usec. max allowed=50000
2014-10-12 05:53:53.420 Boom positions:
2014-10-12 05:53:53.420 Ch1: -2 ch2: -12 ch3: 13 ch4: 20 ch5: 20 ch6: 20
2014-10-12 05:53:53.420 Analog Status
2014-10-12 05:53:53.420 Analog Positive Supply: 5.46V
2014-10-12 05:53:53.420 Input Voltage: 13.20V
2014-10-12 05:53:53.420 System Temperature: 5C
2014-10-12 05:53:53.420 Main Current: 63ma
2014-10-12 05:53:53.420 Antenna Current: 0ma
2014-10-12 05:53:53.420 GPS Status
2014-10-12 05:53:53.420 Time: 05:53:52
2014-10-12 05:53:53.420 Date:
2014-10-12 05:53:53.420 Fix Type: 1-D
2014-10-12 05:53:53.420 Height:
2014-10-12 05:53:53.420 Latitude:
2014-10-12 05:53:53.420 Longitude:
2014-10-12 05:53:53.420 On Time: 0min
2014-10-12 05:53:53.420 Sat. Used: 0
2014-10-12 05:53:53.420 In View: 0
2014-10-12 05:53:53.420 Checksum Errors: 0
2014-10-12 05:53:53.420 Last GPS timemark: 2014-10-12 05:53:51
2014-10-12 05:53:53.420 PLL Status
2014-10-12 05:53:53.420 State: Lock
2014-10-12 05:53:53.420 Initial VCO: 2202.138672
2014-10-12 05:53:53.420 Time Error: 0.000000
2014-10-12 05:53:53.420 RMS VCO: 0.0000000
2014-10-12 05:53:53.420 Best VCO: 2202.13
2014-10-12 05:53:53.420 Seconds Since Track or Lock: 0.0
2014-10-12 05:53:53.420 Vco Control: 2202
2014-10-12 05:53:53.420 timing mode: external seascan
2014-10-12 05:53:53.420 tempco normal
2014-10-12 05:53:53.420 PLL update: 10s PLL lock criterion: 5us
2014-10-12 05:53:53.420 Pfrac: 150.00
2014-10-12 05:53:53.420 VCO slope: -0.0175000
2014-10-12 05:53:53.420 VCO intercept: 7.1100001
2014-10-12 05:53:53.420 km delta: 600.0000000
2014-10-12 05:53:53.420 Logical Port 4 Status
2014-10-12 05:53:53.420 Data Packets Sent: 18633210
2014-10-12 05:53:53.420 Flood Packets Sent: 0
2014-10-12 05:53:53.420 Packets Re-Sent: 29486
2014-10-12 05:53:53.420 Sequence Errors: 0
2014-10-12 05:53:53.420 Packet Buffer Used: 24570268
2014-10-12 05:53:53.420 Physical Port: Ethernet
2014-10-12 05:53:53.420 Baler Model: 14 Software Version: 2.28
2014-10-12 05:53:53.420 MAC Address: 00:04:FB:00:02:EA
2014-10-12 05:53:53.420 Disk Size: 20000669696
2014-10-12 05:53:53.420 Percent of 1177 data files in use: 36.4
2014-10-12 05:53:53.420 Channels Enabled: 1234 Preamps ON channels:
2014-10-12 05:53:53.420 Channel Sensitivities (uV per count):
2014-10-12 05:53:53.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-12 05:53:53.420 Digitizer Calibration Results:
2014-10-12 05:53:53.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-12 05:53:53.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-12 05:53:53.420 DMU1 Software Version=10
2014-10-12 05:53:53.420 Supply Voltage=12.6
2014-10-12 05:53:53.420 Supply Current=0.41
2014-10-12 05:53:53.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-12 05:53:53.420 WebLink Data Maps Restored
2014-10-12 05:53:53.420 [2014-10-11 17:52:58.999998] sequence resumes: 16300088 to

```

S01\_messages.txt

```

16300088
2014-10-12 05:53:53.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-12 05:53:52
2014-10-12 05:56:53.520 [2014-10-12 00:00:00.000001] Saving Configuration to Backup
Memory
2014-10-12 05:59:55.880 Reducing Status Polling Interval
2014-10-12 05:59:55.880 [2014-10-12 05:59:54.999998] total packets received: 61646
2014-10-12 05:59:55.880 [2014-10-12 05:59:54.999998] command timeouts: 6
2014-10-12 05:59:55.880 [2014-10-12 05:59:54.999998] out of window: 72
2014-10-12 05:59:55.880 written: HHZ-1330 HH1-1575 HH2-1613 BDH-436 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-10-12 05:59:55.880 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-25 LDH-24
VMZ-2 VM1-2
2014-10-12 05:59:55.880 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-12 05:59:55.880 [2014-10-12 05:59:54.999998] Done: 5097 recs. seq end:
16343704. run: 358 s
2014-10-12 18:00:50.410
2014-10-12 18:00:50.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-12 18:00:50.410 Control Port 2491 Opened
2014-10-12 18:00:50.410 Baler ready on Ethernet
2014-10-12 18:00:50.410 Power Cycled Baler Acknowledged
2014-10-12 18:00:50.410 Commands Accepted by Q330
2014-10-12 18:00:50.410 Access timeout: 300 sec
2014-10-12 18:00:50.410 Control Port 4023 Opened
2014-10-12 18:00:50.410 Data Port 4024 Opened
2014-10-12 18:00:50.410 Registered with Q330
2014-10-12 18:00:50.410 Combination Record Received
2014-10-12 18:00:50.410 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-12 18:00:50.410 Link Reset, starting window sequence: 15049
2014-10-12 18:00:50.410 GPS Receiver ID Received
2014-10-12 18:00:50.410 Manufacturer's Data Received, Property Tag=2017
2014-10-12 18:00:50.410 Digitizer Gain & Offsets Received
2014-10-12 18:00:50.410 Msg From 192.168.200.119:Baler XX-2017 readback. 5097 recs.
seq end: 16343704
2014-10-12 18:00:50.410 Baler clock set to 2014-10-12 18:00:49
2014-10-12 18:00:50.410 Starting to Read DP Tokens
2014-10-12 18:00:50.410 DP Tokens loaded, size=1474 bytes
2014-10-12 18:00:50.410 Webserver advertising 192.168.200.119:5380
2014-10-12 18:00:50.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-12 18:00:50.410 filters & delay HH1:2@100,Linear all=0.320000
2014-10-12 18:00:50.410 filters & delay HH2:3@100,Linear all=0.320000
2014-10-12 18:00:50.410 filters & delay BDH:4@20,Linear all=1.650000
2014-10-12 18:00:50.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-12 18:00:50.410 filters & delay LH1:2@1,Linear all=15.000000
2014-10-12 18:00:50.410 filters & delay LH2:3@1,Linear all=15.000000
2014-10-12 18:00:50.410 filters & delay LDH:4@1,Linear all=15.000000
2014-10-12 18:00:50.410 [2014-10-12 05:59:54.999998] continuity found: 16343704
466408795.000000 Q=100
2014-10-12 18:00:50.410 [2014-10-12 05:59:54.999998] restoring continuity
2014-10-12 18:00:50.410 Sending DT_OPEN
2014-10-12 18:00:50.410 Station: XX-2017
2014-10-12 18:00:50.410 Q330 Serial Number: 0100000DB18FC351
2014-10-12 18:00:50.410 AMB Serial Number: 0100000B6909DD82
2014-10-12 18:00:50.410 Seismo 1 Serial Number: 0000000000000000
2014-10-12 18:00:50.410 Seismo 2 Serial Number: 0000000000000000
2014-10-12 18:00:50.410 QAPCHP 1 Serial Number: 4643206
2014-10-12 18:00:50.410 QAPCHP 2 Serial Number: 3743050
2014-10-12 18:00:50.410 KMI Property Tag Number: 2017
2014-10-12 18:00:50.410 System Software Version: 1.146
2014-10-12 18:00:50.410 Slave Processor Version: 1.11
2014-10-12 18:00:50.410 Calibrator Type: QCAL330
2014-10-12 18:00:50.410 Calibrator Version: 1.8
2014-10-12 18:00:50.410 Auxiliary Board Type: None

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S01\_messages.txt

2014-10-12 18:00:50.410 Clock Type: Motorola M12  
 2014-10-12 18:00:50.410 Total Hours: 69694.53  
 2014-10-12 18:00:50.410 Power On Hours: 34324.92  
 2014-10-12 18:00:50.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-12 18:00:50.410 Total Number of Boots: 120  
 2014-10-12 18:00:50.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-12 18:00:50.410 Total Number of Re-Syncs: 213  
 2014-10-12 18:00:50.410 Status Inputs: 00000000  
 2014-10-12 18:00:50.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-12 18:00:50.410 Clock Quality: 100%  
 2014-10-12 18:00:50.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-12 18:00:50.410 Clock Phase: 1 usec. max allowed=50000  
 2014-10-12 18:00:50.410 Boom positions:  
 2014-10-12 18:00:50.410 ch1: -2 ch2: -14 ch3: 14 ch4: 20 ch5: 20 ch6: 20  
 2014-10-12 18:00:50.410 Analog Status  
 2014-10-12 18:00:50.410 Analog Positive Supply: 5.46V  
 2014-10-12 18:00:50.410 Input Voltage: 13.35V  
 2014-10-12 18:00:50.410 System Temperature: 5C  
 2014-10-12 18:00:50.410 Main Current: 62ma  
 2014-10-12 18:00:50.410 Antenna Current: 0ma  
 2014-10-12 18:00:50.410 GPS Status  
 2014-10-12 18:00:50.410 Time: 18:00:49  
 2014-10-12 18:00:50.410 Date:  
 2014-10-12 18:00:50.410 Fix Type: 1-D  
 2014-10-12 18:00:50.410 Height:  
 2014-10-12 18:00:50.410 Latitude:  
 2014-10-12 18:00:50.410 Longitude:  
 2014-10-12 18:00:50.410 On Time: 0min  
 2014-10-12 18:00:50.410 Sat. Used: 0  
 2014-10-12 18:00:50.410 In View: 0  
 2014-10-12 18:00:50.410 Checksum Errors: 0  
 2014-10-12 18:00:50.410 Last GPS timemark: 2014-10-12 18:00:48  
 2014-10-12 18:00:50.410 PLL Status  
 2014-10-12 18:00:50.410 State: Lock  
 2014-10-12 18:00:50.410 Initial VCO: 2202.163086  
 2014-10-12 18:00:50.410 Time Error: 0.000000  
 2014-10-12 18:00:50.410 RMS VCO: 0.000000  
 2014-10-12 18:00:50.410 Best VCO: 2202.03  
 2014-10-12 18:00:50.410 Seconds Since Track or Lock: 0.0  
 2014-10-12 18:00:50.410 Vco Control: 2202  
 2014-10-12 18:00:50.410 timing mode: external seascan  
 2014-10-12 18:00:50.410 tempco normal  
 2014-10-12 18:00:50.410 PLL update: 10s PLL lock criterion: 5us  
 2014-10-12 18:00:50.410 Pfrac: 150.00  
 2014-10-12 18:00:50.410 VCO slope: -0.0175000  
 2014-10-12 18:00:50.410 VCO intercept: 7.1100001  
 2014-10-12 18:00:50.410 Km delta: 600.000000  
 2014-10-12 18:00:50.410 Logical Port 4 Status  
 2014-10-12 18:00:50.410 Data Packets Sent: 18694752  
 2014-10-12 18:00:50.410 Flood Packets Sent: 0  
 2014-10-12 18:00:50.410 Packets Re-Sent: 29574  
 2014-10-12 18:00:50.410 Sequence Errors: 0  
 2014-10-12 18:00:50.410 Packet Buffer Used: 22795184  
 2014-10-12 18:00:50.410 Physical Port: Ethernet  
 2014-10-12 18:00:50.410 Baler Model: 14 Software Version: 2.28  
 2014-10-12 18:00:50.410 MAC Address: 00:04:FB:00:02:EA  
 2014-10-12 18:00:50.410 Disk Size: 20000669696  
 2014-10-12 18:00:50.410 Percent of 1177 data files in use: 36.4  
 2014-10-12 18:00:50.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-12 18:00:50.410 Channel Sensitivities (uV per count):  
 2014-10-12 18:00:50.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-12 18:00:50.410 Digitizer Calibration Results:  
 2014-10-12 18:00:50.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%

S01\_messages.txt

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2014-10-12 18:00:50.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-12 18:00:50.410 DMU1 Software Version=10
2014-10-12 18:00:50.410 Supply Voltage=12.7
2014-10-12 18:00:50.410 Supply Current=0.41
2014-10-12 18:00:50.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-12 18:00:50.410 WebLink Data Maps Restored
2014-10-12 18:00:50.410 [2014-10-12 05:59:54.999998] sequence resumes: 16343704 to
16343704
2014-10-12 18:00:50.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-12 18:00:49
2014-10-12 18:06:39.630 Reducing Status Polling Interval
2014-10-12 18:06:39.630 [2014-10-12 18:06:38.999998] total packets received: 53136
2014-10-12 18:06:39.630 [2014-10-12 18:06:38.999998] command timeouts: 6
2014-10-12 18:06:39.630 [2014-10-12 18:06:38.999998] out of window: 81
2014-10-12 18:06:39.630 written: HHZ-1208 HH1-1435 HH2-1436 BDH-441 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-10-12 18:06:39.630 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2014-10-12 18:06:39.630 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-12 18:06:39.630 [2014-10-12 18:06:38.999998] Done: 4654 recs. seq end:
16387308. run: 344 s
2014-10-13 06:07:33.400
2014-10-13 06:07:33.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-13 06:07:33.400 Control Port 2491 Opened
2014-10-13 06:07:33.400 Baler ready on Ethernet
2014-10-13 06:07:33.400 Power Cycled Baler Acknowledged
2014-10-13 06:07:33.400 Commands Accepted by Q330
2014-10-13 06:07:33.400 Access timeout: 300 sec
2014-10-13 06:07:33.400 Control Port 4023 Opened
2014-10-13 06:07:33.400 Data Port 4024 Opened
2014-10-13 06:07:33.400 Registered with Q330
2014-10-13 06:07:33.400 Combination Record Received
2014-10-13 06:07:33.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-13 06:07:33.400 Link Reset, starting window sequence: 2532
2014-10-13 06:07:33.400 GPS Receiver ID Received
2014-10-13 06:07:33.400 Manufacturer's Data Received, Property Tag=2017
2014-10-13 06:07:33.400 Digitizer Gain & Offsets Received
2014-10-13 06:07:33.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4654 recs.
seq end: 16387308
2014-10-13 06:07:33.400 Baler clock set to 2014-10-13 06:07:32
2014-10-13 06:07:33.400 Starting to Read DP Tokens
2014-10-13 06:07:33.400 DP Tokens loaded, size=1474 bytes
2014-10-13 06:07:33.400 webserver advertising 192.168.200.119:5380
2014-10-13 06:07:33.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-13 06:07:33.400 filters & delay HH1:2@100,Linear all=0.320000
2014-10-13 06:07:33.400 filters & delay HH2:3@100,Linear all=0.320000
2014-10-13 06:07:33.400 filters & delay BDH:4@20,Linear all=1.650000
2014-10-13 06:07:33.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-13 06:07:33.400 filters & delay LH1:2@1,Linear all=15.000000
2014-10-13 06:07:33.400 filters & delay LH2:3@1,Linear all=15.000000
2014-10-13 06:07:33.400 filters & delay LDH:4@1,Linear all=15.000000
2014-10-13 06:07:33.400 [2014-10-12 18:06:38.999998] continuity found: 16387308
466452399.000000 Q=100
2014-10-13 06:07:33.400 [2014-10-12 18:06:38.999998] restoring continuity
2014-10-13 06:07:33.400 Sending DT_OPEN
2014-10-13 06:07:33.400 Station: XX-2017
2014-10-13 06:07:33.400 Q330 Serial Number: 0100000DB18FC351
2014-10-13 06:07:33.400 AMB Serial Number: 0100000B6909DD82
2014-10-13 06:07:33.400 Seismo 1 Serial Number: 0000000000000000
2014-10-13 06:07:33.400 Seismo 2 Serial Number: 0000000000000000
2014-10-13 06:07:33.400 QAPCHP 1 Serial Number: 4643206
2014-10-13 06:07:33.400 QAPCHP 2 Serial Number: 3743050
2014-10-13 06:07:33.400 KMI Property Tag Number: 2017

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S01\_messages.txt

2014-10-13 06:07:33.400 System Software Version: 1.146  
 2014-10-13 06:07:33.400 Slave Processor Version: 1.11  
 2014-10-13 06:07:33.400 Calibrator Type: QCAL330  
 2014-10-13 06:07:33.400 Calibrator Version: 1.8  
 2014-10-13 06:07:33.400 Auxiliary Board Type: None  
 2014-10-13 06:07:33.400 Clock Type: Motorola M12  
 2014-10-13 06:07:33.400 PLD Version: 7.9  
 2014-10-13 06:07:33.400 Total Hours: 69706.65  
 2014-10-13 06:07:33.400 Power On Hours: 34337.03  
 2014-10-13 06:07:33.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-13 06:07:33.400 Total Number of Boots: 120  
 2014-10-13 06:07:33.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-13 06:07:33.400 Total Number of Re-Syncs: 213  
 2014-10-13 06:07:33.400 Status Inputs: 00000000  
 2014-10-13 06:07:33.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-13 06:07:33.400 Clock Quality: 100%  
 2014-10-13 06:07:33.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-13 06:07:33.400 Clock Phase: 0 usec. max allowed=50000  
 2014-10-13 06:07:33.400 Boom positions:  
 2014-10-13 06:07:33.400 ch1: -2 ch2: -14 ch3: 15 ch4: 20 ch5: 20 ch6: 20  
 2014-10-13 06:07:33.400 Analog Status  
 2014-10-13 06:07:33.400 Analog Positive Supply: 5.46V  
 2014-10-13 06:07:33.400 Input Voltage: 13.35V  
 2014-10-13 06:07:33.400 System Temperature: 5C  
 2014-10-13 06:07:33.400 Main Current: 61ma  
 2014-10-13 06:07:33.400 Antenna Current: 0ma  
 2014-10-13 06:07:33.400 GPS Status  
 2014-10-13 06:07:33.400 Time: 06:07:32  
 2014-10-13 06:07:33.400 Date:  
 2014-10-13 06:07:33.400 Fix Type: 1-D  
 2014-10-13 06:07:33.400 Height:  
 2014-10-13 06:07:33.400 Latitude:  
 2014-10-13 06:07:33.400 Longitude:  
 2014-10-13 06:07:33.400 On Time: 0min  
 2014-10-13 06:07:33.400 Sat. Used: 0  
 2014-10-13 06:07:33.400 In View: 0  
 2014-10-13 06:07:33.400 Checksum Errors: 0  
 2014-10-13 06:07:33.400 Last GPS timemark: 2014-10-13 06:07:31  
 2014-10-13 06:07:33.400 PLL Status  
 2014-10-13 06:07:33.400 State: Lock  
 2014-10-13 06:07:33.400 Initial VCO: 2202.001953  
 2014-10-13 06:07:33.400 Time Error: 0.000000  
 2014-10-13 06:07:33.400 RMS VCO: 0.000000  
 2014-10-13 06:07:33.400 Best VCO: 2201.93  
 2014-10-13 06:07:33.400 Seconds Since Track or Lock: 0.0  
 2014-10-13 06:07:33.400 Vco Control: 2202  
 2014-10-13 06:07:33.400 timing mode: external seascan  
 2014-10-13 06:07:33.400 tempco normal  
 2014-10-13 06:07:33.400 PLL update: 10s PLL lock criterion: 5us  
 2014-10-13 06:07:33.400 Pfrac: 150.00  
 2014-10-13 06:07:33.400 VCO slope: -0.0175000  
 2014-10-13 06:07:33.400 VCO intercept: 7.1100001  
 2014-10-13 06:07:33.400 Km delta: 600.0000000  
 2014-10-13 06:07:33.400 Logical Port 4 Status  
 2014-10-13 06:07:33.400 Data Packets Sent: 18747776  
 2014-10-13 06:07:33.400 Flood Packets Sent: 0  
 2014-10-13 06:07:33.400 Packets Re-Sent: 29673  
 2014-10-13 06:07:33.400 Sequence Errors: 0  
 2014-10-13 06:07:33.400 Packet Buffer Used: 22773276  
 2014-10-13 06:07:33.400 Physical Port: Ethernet  
 2014-10-13 06:07:33.400 Baler Model: 14 Software Version: 2.28  
 2014-10-13 06:07:33.400 MAC Address: 00:04:FB:00:02:EA  
 2014-10-13 06:07:33.400 Disk Size: 20000669696

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2014-10-13 06:07:33.400 Percent of 1177 data files in use: 36.6
2014-10-13 06:07:33.400 Channels Enabled: 1234 Preamps ON channels:
2014-10-13 06:07:33.400 Channel Sensitivities (uV per count):
2014-10-13 06:07:33.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-13 06:07:33.400 Digitizer Calibration Results:
2014-10-13 06:07:33.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-13 06:07:33.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-13 06:07:33.400 DMU1 Software Version=10
2014-10-13 06:07:33.400 Supply Voltage=12.7
2014-10-13 06:07:33.400 Supply Current=0.41
2014-10-13 06:07:33.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-13 06:07:33.400 webLink Data Maps Restored
2014-10-13 06:07:33.400 [2014-10-12 18:06:38.999998] sequence resumes: 16387308 to
16387308
2014-10-13 06:07:33.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-13 06:07:32
2014-10-13 06:10:16.810 [2014-10-13 00:00:00.000000] Saving Configuration to Backup
Memory
2014-10-13 06:13:13.230 Reducing Status Polling Interval
2014-10-13 06:13:13.230 [2014-10-13 06:13:13.000000] total packets received: 51520
2014-10-13 06:13:13.230 [2014-10-13 06:13:13.000000] command timeouts: 6
2014-10-13 06:13:13.230 [2014-10-13 06:13:13.000000] out of window: 70
2014-10-13 06:13:13.230 written: HHZ-1173 HH1-1438 HH2-1458 BDH-449 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-13 06:13:13.230 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2014-10-13 06:13:13.230 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-13 06:13:13.230 [2014-10-13 06:13:13.000000] Done: 4666 recs. seq end:
16430902. run: 335 s
2014-10-13 18:14:07.380
2014-10-13 18:14:07.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-13 18:14:07.380 Baler ready on Ethernet
2014-10-13 18:14:07.380 Power Cycled Baler Acknowledged
2014-10-13 18:14:07.380 Commands Accepted by Q330
2014-10-13 18:14:07.380 Access timeout: 300 sec
2014-10-13 18:14:07.380 Control Port 4023 Opened
2014-10-13 18:14:07.380 Data Port 4024 Opened
2014-10-13 18:14:07.380 Registered with Q330
2014-10-13 18:14:07.380 Combination Record Received
2014-10-13 18:14:07.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-13 18:14:07.380 Link Reset, starting window sequence: 53946
2014-10-13 18:14:07.380 GPS Receiver ID Received
2014-10-13 18:14:07.380 Manufacturer's Data Received, Property Tag=2017
2014-10-13 18:14:07.380 Digitizer Gain & Offsets Received
2014-10-13 18:14:07.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4666 recs.
seq end: 16430902
2014-10-13 18:14:07.380 Baler clock set to 2014-10-13 18:14:06
2014-10-13 18:14:07.380 Starting to Read DP Tokens
2014-10-13 18:14:07.380 DP Tokens loaded, size=1474 bytes
2014-10-13 18:14:07.380 webserver advertising 192.168.200.119:5380
2014-10-13 18:14:07.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-13 18:14:07.380 filters & delay HH1:2@100,Linear all=0.320000
2014-10-13 18:14:07.380 filters & delay HH2:3@100,Linear all=0.320000
2014-10-13 18:14:07.380 filters & delay BDH:4@20,Linear all=1.650000
2014-10-13 18:14:07.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-13 18:14:07.380 filters & delay LH1:2@1,Linear all=15.000000
2014-10-13 18:14:07.380 filters & delay LH2:3@1,Linear all=15.000000
2014-10-13 18:14:07.380 filters & delay LDH:4@1,Linear all=15.000000
2014-10-13 18:14:07.380 [2014-10-13 06:13:13.000000] continuity found: 16430902
466495993.000000 Q=100
2014-10-13 18:14:07.380 [2014-10-13 06:13:13.000000] restoring continuity
2014-10-13 18:14:07.380 Sending DT_OPEN
2014-10-13 18:14:07.380 Station: XX-2017

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2014-10-13 18:14:07.380 Q330 Serial Number: 0100000DB18FC351  
 2014-10-13 18:14:07.380 AMB Serial Number: 0100000B6909DD82  
 2014-10-13 18:14:07.380 Seismo 1 Serial Number: 0000000000000000  
 2014-10-13 18:14:07.380 Seismo 2 Serial Number: 0000000000000000  
 2014-10-13 18:14:07.380 QAPCHP 1 Serial Number: 4643206  
 2014-10-13 18:14:07.380 QAPCHP 2 Serial Number: 3743050  
 2014-10-13 18:14:07.380 KMI Property Tag Number: 2017  
 2014-10-13 18:14:07.380 System Software Version: 1.146  
 2014-10-13 18:14:07.380 Slave Processor Version: 1.11  
 2014-10-13 18:14:07.380 Calibrator Type: QCAL330  
 2014-10-13 18:14:07.380 Calibrator Version: 1.8  
 2014-10-13 18:14:07.380 Auxiliary Board Type: None  
 2014-10-13 18:14:07.380 Clock Type: Motorola M12  
 2014-10-13 18:14:07.380 PLD Version: 7.9  
 2014-10-13 18:14:07.380 Total Hours: 69718.76  
 2014-10-13 18:14:07.380 Power On Hours: 34349.14  
 2014-10-13 18:14:07.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-13 18:14:07.380 Total Number of Boots: 120  
 2014-10-13 18:14:07.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-13 18:14:07.380 Total Number of Re-Syncs: 213  
 2014-10-13 18:14:07.380 Status Inputs: 00000000  
 2014-10-13 18:14:07.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-10-13 18:14:07.380 Clock Quality: 100%  
 2014-10-13 18:14:07.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-13 18:14:07.380 Clock Phase: 1 usec. max allowed=50000  
 2014-10-13 18:14:07.380 Boom positions:  
 2014-10-13 18:14:07.380 Ch1: -2 ch2: -15 ch3: 17 ch4: 20 ch5: 20 ch6: 20  
 2014-10-13 18:14:07.380 Analog Status  
 2014-10-13 18:14:07.380 Analog Positive Supply: 5.46v  
 2014-10-13 18:14:07.380 Input Voltage: 13.20V  
 2014-10-13 18:14:07.380 System Temperature: 5C  
 2014-10-13 18:14:07.380 Main Current: 63ma  
 2014-10-13 18:14:07.380 Antenna Current: 0ma  
 2014-10-13 18:14:07.380 GPS Status  
 2014-10-13 18:14:07.380 Time: 18:14:06  
 2014-10-13 18:14:07.380 Date:  
 2014-10-13 18:14:07.380 Fix Type: 1-D  
 2014-10-13 18:14:07.380 Height:  
 2014-10-13 18:14:07.380 Latitude:  
 2014-10-13 18:14:07.380 Longitude:  
 2014-10-13 18:14:07.380 On Time: 0min  
 2014-10-13 18:14:07.380 Sat. Used: 0  
 2014-10-13 18:14:07.380 In View: 0  
 2014-10-13 18:14:07.380 Checksum Errors: 0  
 2014-10-13 18:14:07.380 Last GPS timemark: 2014-10-13 18:14:05  
 2014-10-13 18:14:07.380 PLL Status  
 2014-10-13 18:14:07.380 State: Lock  
 2014-10-13 18:14:07.380 Initial VCO: 2202.208496  
 2014-10-13 18:14:07.380 Time Error: 0.000000  
 2014-10-13 18:14:07.380 RMS VCO: 0.0000000  
 2014-10-13 18:14:07.380 Best VCO: 2202.28  
 2014-10-13 18:14:07.380 Seconds Since Track or Lock: 0.0  
 2014-10-13 18:14:07.380 Vco Control: 2202  
 2014-10-13 18:14:07.380 timing mode: external seascan  
 2014-10-13 18:14:07.380 tempco normal  
 2014-10-13 18:14:07.380 PLL update: 10s PLL lock criterion: 5us  
 2014-10-13 18:14:07.380 Pfrac: 150.00  
 2014-10-13 18:14:07.380 VCO slope: -0.0175000  
 2014-10-13 18:14:07.380 VCO intercept: 7.1100001  
 2014-10-13 18:14:07.380 Km delta: 600.0000000  
 2014-10-13 18:14:07.380 Logical Port 4 Status  
 2014-10-13 18:14:07.380 Data Packets Sent: 18799195  
 2014-10-13 18:14:07.380 Flood Packets Sent: 0

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2014-10-13 18:14:07.380 Packets Re-Sent: 29757  
 2014-10-13 18:14:07.380 Sequence Errors: 0  
 2014-10-13 18:14:07.380 Packet Buffer Used: 22977700  
 2014-10-13 18:14:07.380 Physical Port: Ethernet  
 2014-10-13 18:14:07.380 Baler Model: 14 Software Version: 2.28  
 2014-10-13 18:14:07.380 MAC Address: 00:04:FB:00:02:EA  
 2014-10-13 18:14:07.380 Disk Size: 20000669696  
 2014-10-13 18:14:07.380 Percent of 1177 data files in use: 36.7  
 2014-10-13 18:14:07.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-13 18:14:07.380 Channel Sensitivities (uV per count):  
 2014-10-13 18:14:07.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-13 18:14:07.380 Digitizer Calibration Results:  
 2014-10-13 18:14:07.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-13 18:14:07.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-13 18:14:07.380 DMU1 Software Version=10  
 2014-10-13 18:14:07.380 Supply Voltage=12.7  
 2014-10-13 18:14:07.380 Supply Current=0.41  
 2014-10-13 18:14:07.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-13 18:14:07.380 webLink Data Maps Restored  
 2014-10-13 18:14:07.380 [2014-10-13 06:13:13.000000] sequence resumes: 16430902 to  
 16430902  
 2014-10-13 18:14:07.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-10-13 18:14:06  
 2014-10-13 18:19:47.150 Reducing Status Polling Interval  
 2014-10-13 18:19:47.150 [2014-10-13 18:19:45.999998] total packets received: 52741  
 2014-10-13 18:19:47.150 [2014-10-13 18:19:45.999998] command timeouts: 6  
 2014-10-13 18:19:47.150 [2014-10-13 18:19:45.999998] out of window: 70  
 2014-10-13 18:19:47.150 written: HHZ-1199 HH1-1458 HH2-1464 BDH-445 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-13 18:19:47.150 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-10-13 18:19:47.150 written: VM2-2 LOG-2 ACE-1 OCF-1  
 2014-10-13 18:19:47.150 [2014-10-13 18:19:45.999998] Done: 4708 recs. seq end:  
 16474495. run: 336 s  
 2014-10-14 06:20:41.370  
 2014-10-14 06:20:41.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-14 06:20:41.370 Control Port 2491 Opened  
 2014-10-14 06:20:41.370 Baler ready on Ethernet  
 2014-10-14 06:20:41.370 Power Cycled Baler Acknowledged  
 2014-10-14 06:20:41.370 Commands Accepted by Q330  
 2014-10-14 06:20:41.370 Access timeout: 300 sec  
 2014-10-14 06:20:41.370 Control Port 4023 Opened  
 2014-10-14 06:20:41.370 Data Port 4024 Opened  
 2014-10-14 06:20:41.370 Registered with Q330  
 2014-10-14 06:20:41.370 Combination Record Received  
 2014-10-14 06:20:41.370 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-14 06:20:41.370 Link Reset, starting window sequence: 41045  
 2014-10-14 06:20:41.370 GPS Receiver ID Received  
 2014-10-14 06:20:41.370 Manufacturer's Data Received, Property Tag=2017  
 2014-10-14 06:20:41.370 Digitizer Gain & Offsets Received  
 2014-10-14 06:20:41.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4708 recs.  
 seq end: 16474495  
 2014-10-14 06:20:41.370 Baler clock set to 2014-10-14 06:20:40  
 2014-10-14 06:20:41.370 Starting to Read DP Tokens  
 2014-10-14 06:20:41.370 DP Tokens loaded, size=1474 bytes  
 2014-10-14 06:20:41.370 Webserver advertising 192.168.200.119:5380  
 2014-10-14 06:20:41.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-14 06:20:41.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-14 06:20:41.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-14 06:20:41.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-14 06:20:41.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-14 06:20:41.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-10-14 06:20:41.370 filters & delay LH2:3@1,Linear all=15.000000

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2014-10-14 06:20:41.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-14 06:20:41.370 [2014-10-13 18:19:45.999998] continuity found: 16474495  
 466539586.000000 Q=100  
 2014-10-14 06:20:41.370 [2014-10-13 18:19:45.999998] restoring continuity  
 2014-10-14 06:20:41.370 Sending DT\_OPEN  
 2014-10-14 06:20:41.370 Station: XX-2017  
 2014-10-14 06:20:41.370 Q330 Serial Number: 0100000DB18FC351  
 2014-10-14 06:20:41.370 AMB Serial Number: 0100000B6909DD82  
 2014-10-14 06:20:41.370 Seismo 1 Serial Number: 0000000000000000  
 2014-10-14 06:20:41.370 Seismo 2 Serial Number: 0000000000000000  
 2014-10-14 06:20:41.370 QAPCHP 1 Serial Number: 4643206  
 2014-10-14 06:20:41.370 QAPCHP 2 Serial Number: 3743050  
 2014-10-14 06:20:41.370 KMI Property Tag Number: 2017  
 2014-10-14 06:20:41.370 System Software Version: 1.146  
 2014-10-14 06:20:41.370 Slave Processor Version: 1.11  
 2014-10-14 06:20:41.370 Calibrator Type: QCAL330  
 2014-10-14 06:20:41.370 Calibrator Version: 1.8  
 2014-10-14 06:20:41.370 Auxiliary Board Type: None  
 2014-10-14 06:20:41.370 Clock Type: Motorola M12  
 2014-10-14 06:20:41.370 PLD Version: 7.9  
 2014-10-14 06:20:41.370 Total Hours: 69730.87  
 2014-10-14 06:20:41.370 Power On Hours: 34361.25  
 2014-10-14 06:20:41.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-14 06:20:41.370 Total Number of Boots: 120  
 2014-10-14 06:20:41.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-14 06:20:41.370 Total Number of Re-Syncs: 213  
 2014-10-14 06:20:41.370 Status Inputs: 00000000  
 2014-10-14 06:20:41.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-10-14 06:20:41.370 Clock Quality: 100%  
 2014-10-14 06:20:41.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-14 06:20:41.370 Clock Phase: 0 usec. max allowed=50000  
 2014-10-14 06:20:41.370 Boom positions:  
 2014-10-14 06:20:41.370 ch1: -2 ch2: -15 ch3: 18 ch4: 20 ch5: 20 ch6: 20  
 2014-10-14 06:20:41.370 Analog Status  
 2014-10-14 06:20:41.370 Analog Positive Supply: 5.46v  
 2014-10-14 06:20:41.370 Input Voltage: 13.35V  
 2014-10-14 06:20:41.370 System Temperature: 5C  
 2014-10-14 06:20:41.370 Main Current: 61ma  
 2014-10-14 06:20:41.370 Antenna Current: 0ma  
 2014-10-14 06:20:41.370 GPS Status  
 2014-10-14 06:20:41.370 Time: 06:20:40  
 2014-10-14 06:20:41.370 Date:  
 2014-10-14 06:20:41.370 Fix Type: 1-D  
 2014-10-14 06:20:41.370 Height:  
 2014-10-14 06:20:41.370 Latitude:  
 2014-10-14 06:20:41.370 Longitude:  
 2014-10-14 06:20:41.370 On Time: 0min  
 2014-10-14 06:20:41.370 Sat. Used: 0  
 2014-10-14 06:20:41.370 In View: 0  
 2014-10-14 06:20:41.370 Checksum Errors: 0  
 2014-10-14 06:20:41.370 Last GPS timemark: 2014-10-14 06:20:39  
 2014-10-14 06:20:41.370 PLL Status  
 2014-10-14 06:20:41.370 State: Lock  
 2014-10-14 06:20:41.370 Initial VCO: 2201.944092  
 2014-10-14 06:20:41.370 Time Error: 0.000000  
 2014-10-14 06:20:41.370 RMS VCO: 0.0000000  
 2014-10-14 06:20:41.370 Best VCO: 2201.96  
 2014-10-14 06:20:41.370 Seconds Since Track or Lock: 0.0  
 2014-10-14 06:20:41.370 Vco Control: 2202  
 2014-10-14 06:20:41.370 tempco normal  
 2014-10-14 06:20:41.370 PLL update: 10s PLL lock criterion: 5us  
 2014-10-14 06:20:41.370 Pfrac: 150.00  
 2014-10-14 06:20:41.370 VCO slope: -0.0175000

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2014-10-14 06:20:41.370 VCO intercept: 7.1100001
2014-10-14 06:20:41.370 Km delta: 600.0000000
2014-10-14 06:20:41.370 Logical Port 4 Status
2014-10-14 06:20:41.370 Data Packets Sent: 18851835
2014-10-14 06:20:41.370 Flood Packets Sent: 0
2014-10-14 06:20:41.370 Packets Re-Sent: 29842
2014-10-14 06:20:41.370 Sequence Errors: 0
2014-10-14 06:20:41.370 Packet Buffer Used: 23028560
2014-10-14 06:20:41.370 Physical Port: Ethernet
2014-10-14 06:20:41.370 Baler Model: 14 Software Version: 2.28
2014-10-14 06:20:41.370 MAC Address: 00:04:FB:00:02:EA
2014-10-14 06:20:41.370 Disk Size: 20000669696
2014-10-14 06:20:41.370 Percent of 1177 data files in use: 36.7
2014-10-14 06:20:41.370 Channels Enabled: 1234 Preamps ON channels:
2014-10-14 06:20:41.370 Channel Sensitivities (uV per count):
2014-10-14 06:20:41.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-14 06:20:41.370 Digitizer Calibration Results:
2014-10-14 06:20:41.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-14 06:20:41.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-14 06:20:41.370 DMU1 Software Version=10
2014-10-14 06:20:41.370 Supply Voltage=12.6
2014-10-14 06:20:41.370 Supply Current=0.41
2014-10-14 06:20:41.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-14 06:20:41.370 WebLink Data Maps Restored
2014-10-14 06:20:41.370 [2014-10-13 18:19:45.999998] sequence resumes: 16474495 to
16474495
2014-10-14 06:20:41.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-14 06:20:40
2014-10-14 06:23:26.200 [2014-10-14 00:00:00.000000] Saving Configuration to Backup
Memory
2014-10-14 06:26:31.740 [2014-10-14 06:26:30.999998] total packets received: 55867
2014-10-14 06:26:31.740 [2014-10-14 06:26:30.999998] command timeouts: 6
2014-10-14 06:26:31.740 [2014-10-14 06:26:30.999998] out of window: 83
2014-10-14 06:26:31.740 written: HHZ-1182 HH1-1475 HH2-1477 BDH-442 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-10-14 06:26:31.740 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-25
VMZ-1 VM1-1
2014-10-14 06:26:31.740 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-14 06:26:31.740 [2014-10-14 06:26:30.999998] Done: 4714 recs. seq end:
16518100. run: 345 s
2014-10-14 18:27:25.400
2014-10-14 18:27:25.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-14 18:27:25.400 Control Port 2491 Opened
2014-10-14 18:27:25.400 Baler ready on Ethernet
2014-10-14 18:27:25.400 Power Cycled Baler Acknowledged
2014-10-14 18:27:25.400 Commands Accepted by Q330
2014-10-14 18:27:25.400 Access timeout: 300 sec
2014-10-14 18:27:25.400 Control Port 4023 Opened
2014-10-14 18:27:25.400 Data Port 4024 Opened
2014-10-14 18:27:25.400 Registered with Q330
2014-10-14 18:27:25.400 Combination Record Received
2014-10-14 18:27:25.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-14 18:27:25.400 Link Reset, starting window sequence: 31257
2014-10-14 18:27:25.400 GPS Receiver ID Received
2014-10-14 18:27:25.400 Manufacturer's Data Received, Property Tag=2017
2014-10-14 18:27:25.400 Digitizer Gain & Offsets Received
2014-10-14 18:27:25.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4714 recs.
seq end: 16518100
2014-10-14 18:27:25.400 Baler clock set to 2014-10-14 18:27:24
2014-10-14 18:27:25.400 Starting to Read DP Tokens
2014-10-14 18:27:25.400 DP Tokens loaded, size=1474 bytes
2014-10-14 18:27:25.400 Webserver advertising 192.168.200.119:5380
2014-10-14 18:27:25.400 filters & delay HHZ:1@100,Linear all=0.320000

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2014-10-14 18:27:25.400 filters & delay HH1:2@100,Linear all=0.320000
2014-10-14 18:27:25.400 filters & delay HH2:3@100,Linear all=0.320000
2014-10-14 18:27:25.400 filters & delay BDH:4@20,Linear all=1.650000
2014-10-14 18:27:25.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-14 18:27:25.400 filters & delay LH1:2@1,Linear all=15.000000
2014-10-14 18:27:25.400 filters & delay LH2:3@1,Linear all=15.000000
2014-10-14 18:27:25.400 filters & delay LDH:4@1,Linear all=15.000000
2014-10-14 18:27:25.400 [2014-10-14 06:26:30.999998] continuity found: 16518100
466583191.000000 Q=100
2014-10-14 18:27:25.400 [2014-10-14 06:26:30.999998] restoring continuity
2014-10-14 18:27:25.400 Sending DT_OPEN
2014-10-14 18:27:25.400 Station: XX-2017
2014-10-14 18:27:25.400 Q330 Serial Number: 0100000DB18FC351
2014-10-14 18:27:25.400 AMB Serial Number: 0100000B6909DD82
2014-10-14 18:27:25.400 Seismo 1 Serial Number: 0000000000000000
2014-10-14 18:27:25.400 Seismo 2 Serial Number: 0000000000000000
2014-10-14 18:27:25.400 QAPCHP 1 Serial Number: 4643206
2014-10-14 18:27:25.400 QAPCHP 2 Serial Number: 3743050
2014-10-14 18:27:25.400 KMI Property Tag Number: 2017
2014-10-14 18:27:25.400 System Software Version: 1.146
2014-10-14 18:27:25.400 Slave Processor Version: 1.11
2014-10-14 18:27:25.400 Calibrator Type: QCAL330
2014-10-14 18:27:25.400 Calibrator Version: 1.8
2014-10-14 18:27:25.400 Auxiliary Board Type: None
2014-10-14 18:27:25.400 Clock Type: Motorola M12
2014-10-14 18:27:25.400 PLD Version: 7.9
2014-10-14 18:27:25.400 Total Hours: 69742.98
2014-10-14 18:27:25.400 Power On Hours: 34373.36
2014-10-14 18:27:25.400 Time of Last Boot: 2014-04-06 02:03:58
2014-10-14 18:27:25.400 Total Number of Boots: 120
2014-10-14 18:27:25.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-14 18:27:25.400 Total Number of Re-Syncs: 213
2014-10-14 18:27:25.400 Status Inputs: 00000000
2014-10-14 18:27:25.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-10-14 18:27:25.400 Clock Quality: 100%
2014-10-14 18:27:25.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-14 18:27:25.400 Clock Phase: 0 usec. max allowed=50000
2014-10-14 18:27:25.400 Boom positions:
2014-10-14 18:27:25.400 ch1: -2 ch2: -16 ch3: 18 ch4: 20 ch5: 20 ch6: 20
2014-10-14 18:27:25.400 Analog Status
2014-10-14 18:27:25.400 Analog Positive Supply: 5.44V
2014-10-14 18:27:25.400 Input Voltage: 13.20V
2014-10-14 18:27:25.400 System Temperature: 5C
2014-10-14 18:27:25.400 Main Current: 62ma
2014-10-14 18:27:25.400 Antenna Current: 0ma
2014-10-14 18:27:25.400 GPS Status
2014-10-14 18:27:25.400 Time: 18:27:24
2014-10-14 18:27:25.400 Date:
2014-10-14 18:27:25.400 Fix Type: 1-D
2014-10-14 18:27:25.400 Height:
2014-10-14 18:27:25.400 Latitude:
2014-10-14 18:27:25.400 Longitude:
2014-10-14 18:27:25.400 On Time: 0min
2014-10-14 18:27:25.400 Sat. Used: 0
2014-10-14 18:27:25.400 In View: 0
2014-10-14 18:27:25.400 Checksum Errors: 0
2014-10-14 18:27:25.400 Last GPS timemark: 2014-10-14 18:27:23
2014-10-14 18:27:25.400 PLL Status
2014-10-14 18:27:25.400 State: Lock
2014-10-14 18:27:25.400 Initial VCO: 2201.548584
2014-10-14 18:27:25.400 Time Error: 0.000000
2014-10-14 18:27:25.400 RMS VCO: 0.0000000
2014-10-14 18:27:25.400 Best VCO: 2201.69

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2014-10-14 18:27:25.400 Seconds Since Track or Lock: 0.0
2014-10-14 18:27:25.400 Vco Control: 2201
2014-10-14 18:27:25.400 timing mode: external seascan
2014-10-14 18:27:25.400 tempco normal
2014-10-14 18:27:25.400 PLL update: 10s  PLL lock criterion: 5us
2014-10-14 18:27:25.400 Pfrac: 150.00
2014-10-14 18:27:25.400 VCO slope: -0.0175000
2014-10-14 18:27:25.400 VCO intercept: 7.1100001
2014-10-14 18:27:25.400 km delta: 600.0000000
2014-10-14 18:27:25.400 Logical Port 4 Status
2014-10-14 18:27:25.400 Data Packets Sent: 18907588
2014-10-14 18:27:25.400 Flood Packets Sent: 0
2014-10-14 18:27:25.400 Packets Re-Sent: 29938
2014-10-14 18:27:25.400 Sequence Errors: 0
2014-10-14 18:27:25.400 Packet Buffer Used: 22155520
2014-10-14 18:27:25.400 Physical Port: Ethernet
2014-10-14 18:27:25.400 Baler Model: 14  Software Version: 2.28
2014-10-14 18:27:25.400 MAC Address: 00:04:FB:00:02:EA
2014-10-14 18:27:25.400 Disk Size: 20000669696
2014-10-14 18:27:25.400 Percent of 1177 data files in use: 36.9
2014-10-14 18:27:25.400 Channels Enabled: 1234  Preamps ON channels:
2014-10-14 18:27:25.400 Channel Sensitivities (uV per count):
2014-10-14 18:27:25.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-14 18:27:25.400 Digitizer Calibration Results:
2014-10-14 18:27:25.400 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2014-10-14 18:27:25.400 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2014-10-14 18:27:25.400 DMU1 Software Version=10
2014-10-14 18:27:25.400 Supply Voltage=12.7
2014-10-14 18:27:25.400 Supply Current=0.42
2014-10-14 18:27:25.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-14 18:27:25.400 webLink Data Maps Restored
2014-10-14 18:27:25.400 [2014-10-14 06:26:30.999998] sequence resumes: 16518100 to
16518100
2014-10-14 18:27:25.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-10-14 18:27:24
2014-10-14 18:32:55.660 [2014-10-14 18:24:10.999998] total packets received: 47716
2014-10-14 18:32:55.660 [2014-10-14 18:24:10.999998] command timeouts: 6
2014-10-14 18:32:55.660 [2014-10-14 18:24:10.999998] out of window: 76
2014-10-14 18:32:55.660 written: HHZ-1135 HH1-1364 HH2-1378 BDH-436 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-14 18:32:55.660 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-23 LDH-24
VMZ-2 VM1-2
2014-10-14 18:32:55.660 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-14 18:32:55.660 [2014-10-14 18:24:10.999998] Done: 4454 recs. seq end:
16561160. run: 325 s
2014-10-15 06:33:47.400
2014-10-15 06:33:47.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-15 06:33:47.400 Control Port 2491 Opened
2014-10-15 06:33:47.400 Baler ready on Ethernet
2014-10-15 06:33:47.400 Power Cycled Baler Acknowledged
2014-10-15 06:33:47.400 Commands Accepted by Q330
2014-10-15 06:33:47.400 Access timeout: 300 sec
2014-10-15 06:33:47.400 Control Port 4023 Opened
2014-10-15 06:33:47.400 Data Port 4024 Opened
2014-10-15 06:33:47.400 Registered with Q330
2014-10-15 06:33:47.400 Combination Record Received
2014-10-15 06:33:47.400 window=4  Min. Timeout=10  Max. Timeout=30
2014-10-15 06:33:47.400 Link Reset, starting window sequence: 13326
2014-10-15 06:33:47.400 GPS Receiver ID Received
2014-10-15 06:33:47.400 Manufacturer's Data Received, Property Tag=2017
2014-10-15 06:33:47.400 Digitizer Gain & Offsets Received
2014-10-15 06:33:47.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4454 recs.
seq end: 16561160

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2014-10-15 06:33:47.400 Baler clock set to 2014-10-15 06:33:46  
2014-10-15 06:33:47.400 Starting to Read DP Tokens  
2014-10-15 06:33:47.400 DP Tokens loaded, size=1474 bytes  
2014-10-15 06:33:47.400 webserver advertising 192.168.200.119:5380  
2014-10-15 06:33:47.400 filters & delay HHZ:1@100,Linear all=0.320000  
2014-10-15 06:33:47.400 filters & delay HH1:2@100,Linear all=0.320000  
2014-10-15 06:33:47.400 filters & delay HH2:3@100,Linear all=0.320000  
2014-10-15 06:33:47.400 filters & delay BDH:4@20,Linear all=1.650000  
2014-10-15 06:33:47.400 filters & delay LHZ:1@1,Linear all=15.000000  
2014-10-15 06:33:47.400 filters & delay LH1:2@1,Linear all=15.000000  
2014-10-15 06:33:47.400 filters & delay LH2:3@1,Linear all=15.000000  
2014-10-15 06:33:47.400 filters & delay LDH:4@1,Linear all=15.000000  
2014-10-15 06:33:47.400 [2014-10-14 18:24:10.999998] continuity found: 16561160  
466626251.000000 Q=100  
2014-10-15 06:33:47.400 [2014-10-14 18:24:10.999998] restoring continuity  
2014-10-15 06:33:47.400 Sending DT\_OPEN  
2014-10-15 06:33:47.400 Station: XX-2017  
2014-10-15 06:33:47.400 Q330 Serial Number: 0100000DB18FC351  
2014-10-15 06:33:47.400 AMB Serial Number: 0100000B6909DD82  
2014-10-15 06:33:47.400 Seismo 2 Serial Number: 0000000000000000  
2014-10-15 06:33:47.400 QAPCHP 1 Serial Number: 4643206  
2014-10-15 06:33:47.400 QAPCHP 2 Serial Number: 3743050  
2014-10-15 06:33:47.400 KMI Property Tag Number: 2017  
2014-10-15 06:33:47.400 System Software Version: 1.146  
2014-10-15 06:33:47.400 Slave Processor Version: 1.11  
2014-10-15 06:33:47.400 Calibrator Type: QCAL330  
2014-10-15 06:33:47.400 Calibrator Version: 1.8  
2014-10-15 06:33:47.400 Auxiliary Board Type: None  
2014-10-15 06:33:47.400 Clock Type: Motorola M12  
2014-10-15 06:33:47.400 PLD Version: 7.9  
2014-10-15 06:33:47.400 Total Hours: 69755.09  
2014-10-15 06:33:47.400 Power On Hours: 34385.47  
2014-10-15 06:33:47.400 Time of Last Boot: 2014-04-06 02:03:58  
2014-10-15 06:33:47.400 Total Number of Boots: 120  
2014-10-15 06:33:47.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-10-15 06:33:47.400 Total Number of Re-Syncs: 213  
2014-10-15 06:33:47.400 Status Inputs: 00000000  
2014-10-15 06:33:47.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-10-15 06:33:47.400 Clock Quality: 100%  
2014-10-15 06:33:47.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-10-15 06:33:47.400 Clock Phase: 0 usec. max allowed=50000  
2014-10-15 06:33:47.400 Boom positions:  
2014-10-15 06:33:47.400 ch1: -2 ch2: 5 ch3: -8 ch4: 20 ch5: 20 ch6: 20  
2014-10-15 06:33:47.400 Analog Status  
2014-10-15 06:33:47.400 Analog Positive Supply: 5.46V  
2014-10-15 06:33:47.400 Input Voltage: 13.20V  
2014-10-15 06:33:47.400 System Temperature: 5C  
2014-10-15 06:33:47.400 Main Current: 62ma  
2014-10-15 06:33:47.400 Antenna Current: 0ma  
2014-10-15 06:33:47.400 GPS Status  
2014-10-15 06:33:47.400 Time: 06:33:46  
2014-10-15 06:33:47.400 Date:  
2014-10-15 06:33:47.400 Fix Type: 1-D  
2014-10-15 06:33:47.400 Height:  
2014-10-15 06:33:47.400 Latitude:  
2014-10-15 06:33:47.400 Longitude:  
2014-10-15 06:33:47.400 On Time: 0min  
2014-10-15 06:33:47.400 Sat. Used: 0  
2014-10-15 06:33:47.400 In View: 0  
2014-10-15 06:33:47.400 Checksum Errors: 0  
2014-10-15 06:33:47.400 Last GPS timemark: 2014-10-15 06:33:45  
2014-10-15 06:33:47.400 PLL Status  
2014-10-15 06:33:47.400 State: Lock

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2014-10-15 06:33:47.400 Initial VCO: 2201.593506
2014-10-15 06:33:47.400 Time Error: 0.000000
2014-10-15 06:33:47.400 RMS VCO: 0.000000
2014-10-15 06:33:47.400 Best VCO: 2201.75
2014-10-15 06:33:47.400 Seconds Since Track or Lock: 0.0
2014-10-15 06:33:47.400 Vco Control: 2201
2014-10-15 06:33:47.400 timing mode: external seascan
2014-10-15 06:33:47.400 tempco normal
2014-10-15 06:33:47.400 PLL update: 10s  PLL lock criterion: 5us
2014-10-15 06:33:47.400 Pfrac: 150.00
2014-10-15 06:33:47.400 VCO slope: -0.0175000
2014-10-15 06:33:47.400 VCO intercept: 7.1100001
2014-10-15 06:33:47.400 Km delta: 600.0000000
2014-10-15 06:33:47.400 Logical Port 4 Status
2014-10-15 06:33:47.400 Data Packets Sent: 18955198
2014-10-15 06:33:47.400 Flood Packets Sent: 0
2014-10-15 06:33:47.400 Packets Re-Sent: 30031
2014-10-15 06:33:47.400 Sequence Errors: 0
2014-10-15 06:33:47.400 Packet Buffer Used: 23910268
2014-10-15 06:33:47.400 Physical Port: Ethernet
2014-10-15 06:33:47.400 Baler Model: 14  Software Version: 2.28
2014-10-15 06:33:47.400 MAC Address: 00:04:FB:00:02:EA
2014-10-15 06:33:47.400 Disk Size: 20000669696
2014-10-15 06:33:47.400 Percent of 1177 data files in use: 37.0
2014-10-15 06:33:47.400 Channels Enabled: 1234  Preamps ON channels:
2014-10-15 06:33:47.400 Channel Sensitivities (uV per count):
2014-10-15 06:33:47.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-15 06:33:47.400 Digitizer Calibration Results:
2014-10-15 06:33:47.400 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2014-10-15 06:33:47.400 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2014-10-15 06:33:47.400 DMU1 Software Version=10
2014-10-15 06:33:47.400 Supply Voltage=12.7
2014-10-15 06:33:47.400 Supply Current=0.40
2014-10-15 06:33:47.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-15 06:33:47.400 webLink Data Maps Restored
2014-10-15 06:33:47.400 [2014-10-14 18:24:10.999998] sequence resumes: 16561160 to
16561160
2014-10-15 06:33:47.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-15 06:33:46
2014-10-15 06:36:30.150 [2014-10-15 00:00:00.000000] Saving Configuration to Backup
Memory
2014-10-15 06:39:49.360 Reducing Status Polling Interval
2014-10-15 06:39:49.360 [2014-10-15 06:39:48.999998] total packets received: 66570
2014-10-15 06:39:49.360 [2014-10-15 06:39:48.999998] command timeouts: 6
2014-10-15 06:39:49.360 [2014-10-15 06:39:48.999998] out of window: 67
2014-10-15 06:39:49.360 written: HHZ-1245 HH1-1501 HH2-1563 BDH-460 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-15 06:39:49.360 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-25
VMZ-2 VM1-2
2014-10-15 06:39:49.360 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-15 06:39:49.360 [2014-10-15 06:39:48.999998] Done: 4913 recs. seq end:
16605298. run: 359 s
2014-10-15 18:40:44.400
2014-10-15 18:40:44.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-15 18:40:44.400 Control Port 2491 Opened
2014-10-15 18:40:44.400 Baler ready on Ethernet
2014-10-15 18:40:44.400 Power Cycled Baler Acknowledged
2014-10-15 18:40:44.400 Commands Accepted by Q330
2014-10-15 18:40:44.400 Access timeout: 300 sec
2014-10-15 18:40:44.400 Control Port 4023 Opened
2014-10-15 18:40:44.400 Data Port 4024 Opened
2014-10-15 18:40:44.400 Registered with Q330
2014-10-15 18:40:44.400 Combination Record Received

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2014-10-15 18:40:44.400 window=4   Min. Timeout=10   Max. Timeout=30
2014-10-15 18:40:44.400 Link Reset, starting window sequence: 14255
2014-10-15 18:40:44.400 GPS Receiver ID Received
2014-10-15 18:40:44.400 Manufacturer's Data Received, Property Tag=2017
2014-10-15 18:40:44.400 Digitizer Gain & Offsets Received
2014-10-15 18:40:44.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4913 recs.
seq end: 16605298
2014-10-15 18:40:44.400 Baler clock set to 2014-10-15 18:40:43
2014-10-15 18:40:44.400 Starting to Read DP Tokens
2014-10-15 18:40:44.400 DP Tokens loaded, size=1474 bytes
2014-10-15 18:40:44.400 webserver advertising 192.168.200.119:5380
2014-10-15 18:40:44.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-15 18:40:44.400 filters & delay HH1:2@100,Linear all=0.320000
2014-10-15 18:40:44.400 filters & delay HH2:3@100,Linear all=0.320000
2014-10-15 18:40:44.400 filters & delay BDH:4@20,Linear all=1.650000
2014-10-15 18:40:44.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-15 18:40:44.400 filters & delay LH1:2@1,Linear all=15.000000
2014-10-15 18:40:44.400 filters & delay LH2:3@1,Linear all=15.000000
2014-10-15 18:40:44.400 filters & delay LDH:4@1,Linear all=15.000000
2014-10-15 18:40:44.400 [2014-10-15 06:39:48.999998] continuity found: 16605298
466670389.000000 Q=100
2014-10-15 18:40:44.400 [2014-10-15 06:39:48.999998] restoring continuity
2014-10-15 18:40:44.400 Sending DT_OPEN
2014-10-15 18:40:44.400 Station: XX-2017
2014-10-15 18:40:44.400 Q330 Serial Number: 0100000DB18FC351
2014-10-15 18:40:44.400 AMB Serial Number: 0100000B6909DD82
2014-10-15 18:40:44.400 Seismo 1 Serial Number: 0000000000000000
2014-10-15 18:40:44.400 Seismo 2 Serial Number: 0000000000000000
2014-10-15 18:40:44.400 QAPCHP 1 Serial Number: 4643206
2014-10-15 18:40:44.400 QAPCHP 2 Serial Number: 3743050
2014-10-15 18:40:44.400 KMI Property Tag Number: 2017
2014-10-15 18:40:44.400 System Software Version: 1.146
2014-10-15 18:40:44.400 Slave Processor Version: 1.11
2014-10-15 18:40:44.400 Calibrator Type: QCAL330
2014-10-15 18:40:44.400 Calibrator Version: 1.8
2014-10-15 18:40:44.400 Auxiliary Board Type: None
2014-10-15 18:40:44.400 Clock Type: Motorola M12
2014-10-15 18:40:44.400 PLD Version: 7.9
2014-10-15 18:40:44.400 Total Hours: 69767.20
2014-10-15 18:40:44.400 Power On Hours: 34397.59
2014-10-15 18:40:44.400 Time of Last Boot: 2014-04-06 02:03:58
2014-10-15 18:40:44.400 Total Number of Boots: 120
2014-10-15 18:40:44.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-15 18:40:44.400 Total Number of Re-Syncs: 213
2014-10-15 18:40:44.400 Status Inputs: 00000000
2014-10-15 18:40:44.400 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-10-15 18:40:44.400 Clock Quality: 100%
2014-10-15 18:40:44.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-15 18:40:44.400 Clock Phase: 0 usec. max allowed=50000
2014-10-15 18:40:44.400 Boom positions:
2014-10-15 18:40:44.400 ch1: -2 ch2: 5 ch3: -8 ch4: 20 ch5: 20 ch6: 20
2014-10-15 18:40:44.400 Analog Status
2014-10-15 18:40:44.400 Analog Positive Supply: 5.46V
2014-10-15 18:40:44.400 Input Voltage: 13.35V
2014-10-15 18:40:44.400 System Temperature: 5C
2014-10-15 18:40:44.400 Main Current: 62ma
2014-10-15 18:40:44.400 Antenna Current: 0ma
2014-10-15 18:40:44.400 GPS Status
2014-10-15 18:40:44.400 Time: 18:40:43
2014-10-15 18:40:44.400 Date:
2014-10-15 18:40:44.400 Fix Type: 1-D
2014-10-15 18:40:44.400 Height:
2014-10-15 18:40:44.400 Latitude:

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2014-10-15 18:40:44.400 Longitude:  
 2014-10-15 18:40:44.400 On Time: 0min  
 2014-10-15 18:40:44.400 Sat. Used: 0  
 2014-10-15 18:40:44.400 In View: 0  
 2014-10-15 18:40:44.400 Checksum Errors: 0  
 2014-10-15 18:40:44.400 Last GPS timemark: 2014-10-15 18:40:42  
 2014-10-15 18:40:44.400 PLL Status  
 2014-10-15 18:40:44.400 State: Lock  
 2014-10-15 18:40:44.400 Initial VCO: 2201.803711  
 2014-10-15 18:40:44.400 Time Error: 0.000000  
 2014-10-15 18:40:44.400 RMS VCO: 0.000000  
 2014-10-15 18:40:44.400 Best VCO: 2201.70  
 2014-10-15 18:40:44.400 Seconds Since Track or Lock: 0.0  
 2014-10-15 18:40:44.400 Vco Control: 2202  
 2014-10-15 18:40:44.400 timing mode: external seascan  
 2014-10-15 18:40:44.400 tempco normal  
 2014-10-15 18:40:44.400 PLL update: 10s PLL lock criterion: 5us  
 2014-10-15 18:40:44.400 Pfrac: 150.00  
 2014-10-15 18:40:44.400 VCO slope: -0.0175000  
 2014-10-15 18:40:44.400 VCO intercept: 7.1100001  
 2014-10-15 18:40:44.400 km delta: 600.000000  
 2014-10-15 18:40:44.400 Logical Port 4 Status  
 2014-10-15 18:40:44.400 Data Packets Sent: 19021669  
 2014-10-15 18:40:44.400 Flood Packets Sent: 0  
 2014-10-15 18:40:44.400 Packets Re-Sent: 30115  
 2014-10-15 18:40:44.400 Sequence Errors: 0  
 2014-10-15 18:40:44.400 Packet Buffer Used: 25830984  
 2014-10-15 18:40:44.400 Physical Port: Ethernet  
 2014-10-15 18:40:44.400 Baler Model: 14 Software Version: 2.28  
 2014-10-15 18:40:44.400 MAC Address: 00:04:FB:00:02:EA  
 2014-10-15 18:40:44.400 Disk Size: 20000669696  
 2014-10-15 18:40:44.400 Percent of 1177 data files in use: 37.0  
 2014-10-15 18:40:44.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-15 18:40:44.400 Channel Sensitivities (uV per count):  
 2014-10-15 18:40:44.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-15 18:40:44.400 Digitizer Calibration Results:  
 2014-10-15 18:40:44.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-15 18:40:44.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-15 18:40:44.400 DMU1 Software Version=10  
 2014-10-15 18:40:44.400 Supply Voltage=12.7  
 2014-10-15 18:40:44.400 Supply Current=0.41  
 2014-10-15 18:40:44.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-15 18:40:44.400 webLink Data Maps Restored  
 2014-10-15 18:40:44.400 [2014-10-15 06:39:48.999998] sequence resumes: 16605298 to  
 16605298  
 2014-10-15 18:40:44.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-15 18:40:43  
 2014-10-15 18:47:15.520 [2014-10-15 18:38:49.000000] total packets received: 81261  
 2014-10-15 18:47:15.520 [2014-10-15 18:38:49.000000] command timeouts: 6  
 2014-10-15 18:47:15.520 written: HHZ-1364 HH1-1635 HH2-1732 BDH-454 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-10-15 18:47:15.520 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-26  
 VMZ-1 VM1-1  
 2014-10-15 18:47:15.520 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-10-15 18:47:15.520 [2014-10-15 18:38:49.000000] Done: 5320 recs. seq end:  
 16648438. run: 387 s  
 2014-10-16 06:48:08.420  
 2014-10-16 06:48:08.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-16 06:48:08.420 Control Port 2491 Opened  
 2014-10-16 06:48:08.420 Baler ready on Ethernet  
 2014-10-16 06:48:08.420 Power Cycled Baler Acknowledged  
 2014-10-16 06:48:08.420 Commands Accepted by Q330  
 2014-10-16 06:48:08.420 Access timeout: 300 sec

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2014-10-16 06:48:08.420 Control Port 4023 Opened
2014-10-16 06:48:08.420 Data Port 4024 Opened
2014-10-16 06:48:08.420 Registered with Q330
2014-10-16 06:48:08.420 Combination Record Received
2014-10-16 06:48:08.420 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-16 06:48:08.420 Link Reset, starting window sequence: 29861
2014-10-16 06:48:08.420 GPS Receiver ID Received
2014-10-16 06:48:08.420 Manufacturer's Data Received, Property Tag=2017
2014-10-16 06:48:08.420 Digitizer Gain & Offsets Received
2014-10-16 06:48:08.420 Msg From 192.168.200.119: Baler XX-2017 readback. 5320 recs.
seq end: 16648438
2014-10-16 06:48:08.420 Baler clock set to 2014-10-16 06:48:07
2014-10-16 06:48:08.420 Starting to Read DP Tokens
2014-10-16 06:48:08.420 DP Tokens loaded, size=1474 bytes
2014-10-16 06:48:08.420 Webserver advertising 192.168.200.119:5380
2014-10-16 06:48:08.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-16 06:48:08.420 filters & delay HH1:2@100,Linear all=0.320000
2014-10-16 06:48:08.420 filters & delay HH2:3@100,Linear all=0.320000
2014-10-16 06:48:08.420 filters & delay BDH:4@20,Linear all=1.650000
2014-10-16 06:48:08.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-16 06:48:08.420 filters & delay LH1:2@1,Linear all=15.000000
2014-10-16 06:48:08.420 filters & delay LH2:3@1,Linear all=15.000000
2014-10-16 06:48:08.420 filters & delay LDH:4@1,Linear all=15.000000
2014-10-16 06:48:08.420 [2014-10-15 18:38:49.000000] continuity found: 16648438
466713529.000000 Q=100
2014-10-16 06:48:08.420 [2014-10-15 18:38:49.000000] restoring continuity
2014-10-16 06:48:08.420 Sending DT_OPEN
2014-10-16 06:48:08.420 Station: XX-2017
2014-10-16 06:48:08.420 Q330 Serial Number: 0100000DB18FC351
2014-10-16 06:48:08.420 AMB Serial Number: 0100000B6909DD82
2014-10-16 06:48:08.420 Seismo 1 Serial Number: 0000000000000000
2014-10-16 06:48:08.420 Seismo 2 Serial Number: 0000000000000000
2014-10-16 06:48:08.420 QAPCHP 1 Serial Number: 4643206
2014-10-16 06:48:08.420 QAPCHP 2 Serial Number: 3743050
2014-10-16 06:48:08.420 KMI Property Tag Number: 2017
2014-10-16 06:48:08.420 System Software Version: 1.146
2014-10-16 06:48:08.420 Slave Processor Version: 1.11
2014-10-16 06:48:08.420 Calibrator Type: QCAL330
2014-10-16 06:48:08.420 Calibrator Version: 1.8
2014-10-16 06:48:08.420 Auxiliary Board Type: None
2014-10-16 06:48:08.420 Clock Type: Motorola M12
2014-10-16 06:48:08.420 PLD Version: 7.9
2014-10-16 06:48:08.420 Total Hours: 69779.33
2014-10-16 06:48:08.420 Power On Hours: 34409.71
2014-10-16 06:48:08.420 Time of Last Boot: 2014-04-06 02:03:58
2014-10-16 06:48:08.420 Total Number of Boots: 120
2014-10-16 06:48:08.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-16 06:48:08.420 Total Number of Re-Syncs: 213
2014-10-16 06:48:08.420 Status Inputs: 00000000
2014-10-16 06:48:08.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-16 06:48:08.420 Clock Quality: 100%
2014-10-16 06:48:08.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-16 06:48:08.420 Clock Phase: 0 usec. max allowed=50000
2014-10-16 06:48:08.420 Boom positions:
2014-10-16 06:48:08.420 Ch1: -2 Ch2: 4 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20
2014-10-16 06:48:08.420 Analog Status
2014-10-16 06:48:08.420 Analog Positive Supply: 5.46V
2014-10-16 06:48:08.420 Input Voltage: 13.20V
2014-10-16 06:48:08.420 System Temperature: 5C
2014-10-16 06:48:08.420 Main Current: 62ma
2014-10-16 06:48:08.420 Antenna Current: 0ma
2014-10-16 06:48:08.420 GPS Status
2014-10-16 06:48:08.420 Time: 06:48:07

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2014-10-16 06:48:08.420 Date:  
 2014-10-16 06:48:08.420 Fix Type: 1-D  
 2014-10-16 06:48:08.420 Height:  
 2014-10-16 06:48:08.420 Latitude:  
 2014-10-16 06:48:08.420 Longitude:  
 2014-10-16 06:48:08.420 On Time: 0min  
 2014-10-16 06:48:08.420 Sat. Used: 0  
 2014-10-16 06:48:08.420 In View: 0  
 2014-10-16 06:48:08.420 Checksum Errors: 0  
 2014-10-16 06:48:08.420 Last GPS timemark: 2014-10-16 06:48:06  
 2014-10-16 06:48:08.420 PLL Status  
 2014-10-16 06:48:08.420 State: Lock  
 2014-10-16 06:48:08.420 Initial VCO: 2201.730713  
 2014-10-16 06:48:08.420 Time Error: 0.000000  
 2014-10-16 06:48:08.420 RMS VCO: 0.0000000  
 2014-10-16 06:48:08.420 Best VCO: 2201.75  
 2014-10-16 06:48:08.420 Seconds Since Track or Lock: 0.0  
 2014-10-16 06:48:08.420 Vco Control: 2202  
 2014-10-16 06:48:08.420 timing mode: external seascan  
 2014-10-16 06:48:08.420 tempco normal  
 2014-10-16 06:48:08.420 PLL update: 10s PLL lock criterion: 5us  
 2014-10-16 06:48:08.420 Pfrac: 150.00  
 2014-10-16 06:48:08.420 VCO slope: -0.0175000  
 2014-10-16 06:48:08.420 VCO intercept: 7.1100001  
 2014-10-16 06:48:08.420 Km delta: 600.0000000  
 2014-10-16 06:48:08.420 Logical Port 4 Status  
 2014-10-16 06:48:08.420 Data Packets Sent: 19102817  
 2014-10-16 06:48:08.420 Flood Packets Sent: 0  
 2014-10-16 06:48:08.420 Packets Re-Sent: 30207  
 2014-10-16 06:48:08.420 Sequence Errors: 0  
 2014-10-16 06:48:08.420 Packet Buffer Used: 23871816  
 2014-10-16 06:48:08.420 Physical Port: Ethernet  
 2014-10-16 06:48:08.420 Baler Model: 14 Software Version: 2.28  
 2014-10-16 06:48:08.420 MAC Address: 00:04:FB:00:02:EA  
 2014-10-16 06:48:08.420 Disk Size: 20000669696  
 2014-10-16 06:48:08.420 Percent of 1177 data files in use: 37.2  
 2014-10-16 06:48:08.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-16 06:48:08.420 Channel Sensitivities (uV per count):  
 2014-10-16 06:48:08.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-16 06:48:08.420 Digitizer Calibration Results:  
 2014-10-16 06:48:08.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-16 06:48:08.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-16 06:48:08.420 DMU1 Software Version=10  
 2014-10-16 06:48:08.420 Supply Voltage=12.6  
 2014-10-16 06:48:08.420 Supply Current=0.41  
 2014-10-16 06:48:08.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-16 06:48:08.420 webLink Data Maps Restored  
 2014-10-16 06:48:08.420 [2014-10-15 18:38:49.000000] sequence resumes: 16648438 to  
 16648438  
 2014-10-16 06:48:08.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-16 06:48:07  
 2014-10-16 06:51:01.050 [2014-10-16 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-10-16 06:54:05.540 Reducing Status Polling Interval  
 2014-10-16 06:54:05.540 [2014-10-16 06:54:04.999998] total packets received: 59406  
 2014-10-16 06:54:05.540 [2014-10-16 06:54:04.999998] command timeouts: 6  
 2014-10-16 06:54:05.540 [2014-10-16 06:54:04.999998] out of window: 75  
 2014-10-16 06:54:05.540 written: HHZ-1271 HH1-1532 HH2-1500 BDH-461 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-10-16 06:54:05.540 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-32  
 VMZ-1 VM1-1  
 2014-10-16 06:54:05.540 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-10-16 06:54:05.540 [2014-10-16 06:54:04.999998] Done: 4916 recs. seq end:

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16692554. run: 353 s
2014-10-16 18:55:00.410
2014-10-16 18:55:00.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-16 18:55:00.410 Control Port 2491 Opened
2014-10-16 18:55:00.410 Baler ready on Ethernet
2014-10-16 18:55:00.410 Power Cycled Baler Acknowledged
2014-10-16 18:55:00.410 Commands Accepted by Q330
2014-10-16 18:55:00.410 Access timeout: 300 sec
2014-10-16 18:55:00.410 Control Port 4023 Opened
2014-10-16 18:55:00.410 Data Port 4024 Opened
2014-10-16 18:55:00.410 Registered with Q330
2014-10-16 18:55:00.410 Combination Record Received
2014-10-16 18:55:00.410 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-16 18:55:00.410 Link Reset, starting window sequence: 23619
2014-10-16 18:55:00.410 GPS Receiver ID Received
2014-10-16 18:55:00.410 Manufacturer's Data Received, Property Tag=2017
2014-10-16 18:55:00.410 Digitizer Gain & Offsets Received
2014-10-16 18:55:00.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4916 recs.
seq end: 16692554
2014-10-16 18:55:00.410 Baler clock set to 2014-10-16 18:54:59
2014-10-16 18:55:00.410 Starting to Read DP Tokens
2014-10-16 18:55:00.410 DP Tokens loaded, size=1474 bytes
2014-10-16 18:55:00.410 webserver advertising 192.168.200.119:5380
2014-10-16 18:55:00.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-16 18:55:00.410 filters & delay HH1:2@100,Linear all=0.320000
2014-10-16 18:55:00.410 filters & delay HH2:3@100,Linear all=0.320000
2014-10-16 18:55:00.410 filters & delay BDH:4@20,Linear all=1.650000
2014-10-16 18:55:00.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-16 18:55:00.410 filters & delay LH1:2@1,Linear all=15.000000
2014-10-16 18:55:00.410 filters & delay LH2:3@1,Linear all=15.000000
2014-10-16 18:55:00.410 filters & delay LDH:4@1,Linear all=15.000000
2014-10-16 18:55:00.410 [2014-10-16 06:54:04.999998] continuity found: 16692554
466757645.000000 Q=100
2014-10-16 18:55:00.410 [2014-10-16 06:54:04.999998] restoring continuity
2014-10-16 18:55:00.410 Sending DT_OPEN
2014-10-16 18:55:00.410 Station: XX-2017
2014-10-16 18:55:00.410 Q330 Serial Number: 0100000DB18FC351
2014-10-16 18:55:00.410 AMB Serial Number: 0100000B6909DD82
2014-10-16 18:55:00.410 Seismo 1 Serial Number: 0000000000000000
2014-10-16 18:55:00.410 Seismo 2 Serial Number: 0000000000000000
2014-10-16 18:55:00.410 QAPCHP 1 Serial Number: 4643206
2014-10-16 18:55:00.410 QAPCHP 2 Serial Number: 3743050
2014-10-16 18:55:00.410 KMI Property Tag Number: 2017
2014-10-16 18:55:00.410 System Software Version: 1.146
2014-10-16 18:55:00.410 Slave Processor Version: 1.11
2014-10-16 18:55:00.410 Calibrator Type: QCAL330
2014-10-16 18:55:00.410 Calibrator Version: 1.8
2014-10-16 18:55:00.410 Auxiliary Board Type: None
2014-10-16 18:55:00.410 Clock Type: Motorola M12
2014-10-16 18:55:00.410 PLD Version: 7.9
2014-10-16 18:55:00.410 Total Hours: 69791.44
2014-10-16 18:55:00.410 Power On Hours: 34421.83
2014-10-16 18:55:00.410 Time of Last Boot: 2014-04-06 02:03:58
2014-10-16 18:55:00.410 Total Number of Boots: 120
2014-10-16 18:55:00.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-16 18:55:00.410 Total Number of Re-Syncs: 213
2014-10-16 18:55:00.410 Status Inputs: 00000000
2014-10-16 18:55:00.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-16 18:55:00.410 Clock Quality: 100%
2014-10-16 18:55:00.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-16 18:55:00.410 Clock Phase: 0 usec. max allowed=50000
2014-10-16 18:55:00.410 Boom positions:
2014-10-16 18:55:00.410 ch1: -2 ch2: 4 ch3: -5 ch4: 20 ch5: 20 ch6: 20

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2014-10-16 18:55:00.410 Analog Status
2014-10-16 18:55:00.410 Analog Positive Supply: 5.46v
2014-10-16 18:55:00.410 Input Voltage: 13.35v
2014-10-16 18:55:00.410 System Temperature: 5C
2014-10-16 18:55:00.410 Main Current: 62ma
2014-10-16 18:55:00.410 Antenna Current: 0ma
2014-10-16 18:55:00.410 GPS Status
2014-10-16 18:55:00.410 Time: 18:54:59
2014-10-16 18:55:00.410 Date:
2014-10-16 18:55:00.410 Fix Type: 1-D
2014-10-16 18:55:00.410 Height:
2014-10-16 18:55:00.410 Latitude:
2014-10-16 18:55:00.410 On Time: 0min
2014-10-16 18:55:00.410 Sat. Used: 0
2014-10-16 18:55:00.410 In View: 0
2014-10-16 18:55:00.410 Checksum Errors: 0
2014-10-16 18:55:00.410 Last GPS timemark: 2014-10-16 18:54:58
2014-10-16 18:55:00.410 PLL Status
2014-10-16 18:55:00.410 State: Lock
2014-10-16 18:55:00.410 Initial VCO: 2201.532227
2014-10-16 18:55:00.410 Time Error: 0.000000
2014-10-16 18:55:00.410 RMS VCO: 0.0000000
2014-10-16 18:55:00.410 Best VCO: 2201.54
2014-10-16 18:55:00.410 Seconds Since Track or Lock: 0.0
2014-10-16 18:55:00.410 Vco Control: 2202
2014-10-16 18:55:00.410 timing mode: external seascan
2014-10-16 18:55:00.410 tempco normal
2014-10-16 18:55:00.410 PLL update: 10s PLL lock criterion: 5us
2014-10-16 18:55:00.410 Pfrac: 150.00
2014-10-16 18:55:00.410 VCO slope: -0.0175000
2014-10-16 18:55:00.410 VCO intercept: 7.1100001
2014-10-16 18:55:00.410 Km delta: 600.0000000
2014-10-16 18:55:00.410 Logical Port 4 Status
2014-10-16 18:55:00.410 Data Packets Sent: 19162116
2014-10-16 18:55:00.410 Flood Packets Sent: 0
2014-10-16 18:55:00.410 Packets Re-Sent: 30297
2014-10-16 18:55:00.410 Sequence Errors: 0
2014-10-16 18:55:00.410 Packet Buffer Used: 23636036
2014-10-16 18:55:00.410 Physical Port: Ethernet
2014-10-16 18:55:00.410 Baler Model: 14 Software Version: 2.28
2014-10-16 18:55:00.410 MAC Address: 00:04:FB:00:02:EA
2014-10-16 18:55:00.410 Disk Size: 20000669696
2014-10-16 18:55:00.410 Percent of 1177 data files in use: 37.3
2014-10-16 18:55:00.410 Channels Enabled: 1234 Preamps ON channels:
2014-10-16 18:55:00.410 Channel Sensitivities (uV per count):
2014-10-16 18:55:00.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-16 18:55:00.410 Digitizer Calibration Results:
2014-10-16 18:55:00.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-16 18:55:00.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-16 18:55:00.410 DMU1 Software Version=10
2014-10-16 18:55:00.410 Supply Voltage=12.7
2014-10-16 18:55:00.410 Supply Current=0.40
2014-10-16 18:55:00.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-16 18:55:00.410 webLink Data Maps Restored
2014-10-16 18:55:00.410 [2014-10-16 06:54:04.999998] sequence resumes: 16692554 to
16692554
2014-10-16 18:55:00.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-16 18:54:59
2014-10-16 19:00:48.640 [2014-10-16 18:58:01.000000] total packets received: 61433
2014-10-16 19:00:48.640 [2014-10-16 18:58:01.000000] command timeouts: 6
2014-10-16 19:00:48.640 [2014-10-16 18:58:01.000000] out of window: 57
2014-10-16 19:00:48.640 written: HHZ-1245 HH1-1509 HH2-1493 BDH-454 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2

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2014-10-16 19:00:48.640 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-31
VMZ-2 VM1-2
2014-10-16 19:00:48.640 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-16 19:00:48.640 [2014-10-16 18:58:01.000000] Done: 4849 recs. seq end:
16735990. run: 345 s
2014-10-17 07:01:43.350
2014-10-17 07:01:43.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-17 07:01:43.350 Control Port 2491 Opened
2014-10-17 07:01:43.350 Baler ready on Ethernet
2014-10-17 07:01:43.350 Power Cycled Baler Acknowledged
2014-10-17 07:01:43.350 Commands Accepted by Q330
2014-10-17 07:01:43.350 Access timeout: 300 sec
2014-10-17 07:01:43.350 Control Port 4023 Opened
2014-10-17 07:01:43.350 Data Port 4024 Opened
2014-10-17 07:01:43.350 Registered with Q330
2014-10-17 07:01:43.350 Combination Record Received
2014-10-17 07:01:43.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-17 07:01:43.350 Link Reset, starting window sequence: 19421
2014-10-17 07:01:43.350 GPS Receiver ID Received
2014-10-17 07:01:43.350 Manufacturer's Data Received, Property Tag=2017
2014-10-17 07:01:43.350 Digitizer Gain & Offsets Received
2014-10-17 07:01:43.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4849 recs.
seq end: 16735990
2014-10-17 07:01:43.350 Baler clock set to 2014-10-17 07:01:42
2014-10-17 07:01:43.350 Starting to Read DP Tokens
2014-10-17 07:01:43.350 DP Tokens loaded, size=1474 bytes
2014-10-17 07:01:43.350 Webserver advertising 192.168.200.119:5380
2014-10-17 07:01:43.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-17 07:01:43.350 filters & delay HH1:2@100,Linear all=0.320000
2014-10-17 07:01:43.350 filters & delay HH2:3@100,Linear all=0.320000
2014-10-17 07:01:43.350 filters & delay BDH:4@20,Linear all=1.650000
2014-10-17 07:01:43.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-17 07:01:43.350 filters & delay LH1:2@1,Linear all=15.000000
2014-10-17 07:01:43.350 filters & delay LH2:3@1,Linear all=15.000000
2014-10-17 07:01:43.350 filters & delay LDH:4@1,Linear all=15.000000
2014-10-17 07:01:43.350 [2014-10-16 18:58:01.000000] continuity found: 16735990
466801081.000000 Q=100
2014-10-17 07:01:43.350 [2014-10-16 18:58:01.000000] restoring continuity
2014-10-17 07:01:43.350 Sending DT_OPEN
2014-10-17 07:01:43.350 Station: XX-2017
2014-10-17 07:01:43.350 Q330 Serial Number: 0100000DB18FC351
2014-10-17 07:01:43.350 AMB Serial Number: 0100000B6909DD82
2014-10-17 07:01:43.350 Seismo 1 Serial Number: 0000000000000000
2014-10-17 07:01:43.350 Seismo 2 Serial Number: 0000000000000000
2014-10-17 07:01:43.350 QAPCHP 1 Serial Number: 4643206
2014-10-17 07:01:43.350 QAPCHP 2 Serial Number: 3743050
2014-10-17 07:01:43.350 KMI Property Tag Number: 2017
2014-10-17 07:01:43.350 System Software Version: 1.146
2014-10-17 07:01:43.350 Slave Processor Version: 1.11
2014-10-17 07:01:43.350 Calibrator Type: QCAL330
2014-10-17 07:01:43.350 Calibrator Version: 1.8
2014-10-17 07:01:43.350 Auxiliary Board Type: None
2014-10-17 07:01:43.350 Clock Type: Motorola M12
2014-10-17 07:01:43.350 PLD Version: 7.9
2014-10-17 07:01:43.350 Total Hours: 69803.55
2014-10-17 07:01:43.350 Power On Hours: 34433.94
2014-10-17 07:01:43.350 Time of Last Boot: 2014-04-06 02:03:58
2014-10-17 07:01:43.350 Total Number of Boots: 120
2014-10-17 07:01:43.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-17 07:01:43.350 Total Number of Re-Syncs: 213
2014-10-17 07:01:43.350 Status Inputs: 00000000
2014-10-17 07:01:43.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-17 07:01:43.350 Clock Quality: 100%

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2014-10-17 07:01:43.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-17 07:01:43.350 Clock Phase: 0 usec. max allowed=50000
2014-10-17 07:01:43.350 Boom positions:
2014-10-17 07:01:43.350 ch1: -2 ch2: 3 ch3: -3 ch4: 20 ch5: 20 ch6: 20
2014-10-17 07:01:43.350 Analog Status
2014-10-17 07:01:43.350 Analog Positive Supply: 5.46V
2014-10-17 07:01:43.350 Input Voltage: 13.20V
2014-10-17 07:01:43.350 System Temperature: 5C
2014-10-17 07:01:43.350 Main Current: 62ma
2014-10-17 07:01:43.350 Antenna Current: 0ma
2014-10-17 07:01:43.350 GPS Status
2014-10-17 07:01:43.350 Time: 07:01:42
2014-10-17 07:01:43.350 Date:
2014-10-17 07:01:43.350 Fix Type: 1-D
2014-10-17 07:01:43.350 Height:
2014-10-17 07:01:43.350 Latitude:
2014-10-17 07:01:43.350 Longitude:
2014-10-17 07:01:43.350 On Time: 0min
2014-10-17 07:01:43.350 Sat. Used: 0
2014-10-17 07:01:43.350 In View: 0
2014-10-17 07:01:43.350 Checksum Errors: 0
2014-10-17 07:01:43.350 Last GPS timemark: 2014-10-17 07:01:41
2014-10-17 07:01:43.350 PLL Status
2014-10-17 07:01:43.350 State: Lock
2014-10-17 07:01:43.350 Initial VCO: 2201.546875
2014-10-17 07:01:43.350 Time Error: 0.000000
2014-10-17 07:01:43.350 RMS VCO: 0.0000000
2014-10-17 07:01:43.350 Best VCO: 2201.57
2014-10-17 07:01:43.350 Seconds Since Track or Lock: 0.0
2014-10-17 07:01:43.350 Vco Control: 2202
2014-10-17 07:01:43.350 timing mode: external seascan
2014-10-17 07:01:43.350 tempco normal
2014-10-17 07:01:43.350 PLL update: 10s PLL lock criterion: 5us
2014-10-17 07:01:43.350 Pfrac: 150.00
2014-10-17 07:01:43.350 VCO slope: -0.0175000
2014-10-17 07:01:43.350 VCO intercept: 7.1100001
2014-10-17 07:01:43.350 Km delta: 600.0000000
2014-10-17 07:01:43.350 Logical Port 4 Status
2014-10-17 07:01:43.350 Data Packets Sent: 19223461
2014-10-17 07:01:43.350 Flood Packets Sent: 0
2014-10-17 07:01:43.350 Packets Re-Sent: 30380
2014-10-17 07:01:43.350 Sequence Errors: 0
2014-10-17 07:01:43.350 Packet Buffer Used: 24624512
2014-10-17 07:01:43.350 Physical Port: Ethernet
2014-10-17 07:01:43.350 Baler Model: 14 Software Version: 2.28
2014-10-17 07:01:43.350 MAC Address: 00:04:FB:00:02:EA
2014-10-17 07:01:43.350 Disk Size: 20000669696
2014-10-17 07:01:43.350 Percent of 1177 data files in use: 37.3
2014-10-17 07:01:43.350 Channels Enabled: 1234 Preamps ON channels:
2014-10-17 07:01:43.350 Channel Sensitivities (uV per count):
2014-10-17 07:01:43.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-17 07:01:43.350 Digitizer Calibration Results:
2014-10-17 07:01:43.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-17 07:01:43.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-17 07:01:43.350 DMU1 Software Version=10
2014-10-17 07:01:43.350 Supply Voltage=12.7
2014-10-17 07:01:43.350 Supply Current=0.40
2014-10-17 07:01:43.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-17 07:01:43.350 webLink Data Maps Restored
2014-10-17 07:01:43.350 [2014-10-16 18:58:01.000000] sequence resumes overlapping:
16735990 to 16735989
2014-10-17 07:01:43.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-10-17 07:01:42

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2014-10-17 07:04:23.560 [2014-10-17 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-10-17 07:07:53.320 [2014-10-17 07:03:26.000000] total packets received: 64482  
 2014-10-17 07:07:53.320 [2014-10-17 07:03:26.000000] command timeouts: 6  
 2014-10-17 07:07:53.320 [2014-10-17 07:03:26.000000] out of window: 84  
 2014-10-17 07:07:53.320 written: HHZ-1337 HH1-1599 HH2-1539 BDH-453 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-10-17 07:07:53.320 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-29  
 VMZ-2 VM1-2  
 2014-10-17 07:07:53.320 written: VM2-2 LOG-3 ACE-2 OCF-3  
 2014-10-17 07:07:53.320 [2014-10-17 07:03:26.000000] Done: 5075 recs. seq end: 16779515. run: 365 s  
 2014-10-17 19:08:47.370  
 2014-10-17 19:08:47.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-17 19:08:47.370 Control Port 2491 Opened  
 2014-10-17 19:08:47.370 Baler ready on Ethernet  
 2014-10-17 19:08:47.370 Power Cycled Baler Acknowledged  
 2014-10-17 19:08:47.370 Commands Accepted by Q330  
 2014-10-17 19:08:47.370 Access timeout: 300 sec  
 2014-10-17 19:08:47.370 Control Port 4023 Opened  
 2014-10-17 19:08:47.370 Data Port 4024 Opened  
 2014-10-17 19:08:47.370 Registered with Q330  
 2014-10-17 19:08:47.370 Combination Record Received  
 2014-10-17 19:08:47.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-17 19:08:47.370 Link Reset, starting window sequence: 18245  
 2014-10-17 19:08:47.370 GPS Receiver ID Received  
 2014-10-17 19:08:47.370 Manufacturer's Data Received, Property Tag=2017  
 2014-10-17 19:08:47.370 Digitizer Gain & Offsets Received  
 2014-10-17 19:08:47.370 Msg From 192.168.200.119:Baler XX-2017 readback. 5075 recs. seq end: 16779515  
 2014-10-17 19:08:47.370 Baler clock set to 2014-10-17 19:08:46  
 2014-10-17 19:08:47.370 Starting to Read DP Tokens  
 2014-10-17 19:08:47.370 DP Tokens loaded, size=1474 bytes  
 2014-10-17 19:08:47.370 webserver advertising 192.168.200.119:5380  
 2014-10-17 19:08:47.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-17 19:08:47.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-17 19:08:47.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-17 19:08:47.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-17 19:08:47.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-17 19:08:47.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-10-17 19:08:47.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-17 19:08:47.370 [2014-10-17 07:03:26.000000] continuity found: 16779515  
 466844606.000000 Q=100  
 2014-10-17 19:08:47.370 [2014-10-17 07:03:26.000000] restoring continuity  
 2014-10-17 19:08:47.370 Sending DT\_OPEN  
 2014-10-17 19:08:47.370 Station: XX-2017  
 2014-10-17 19:08:47.370 Q330 Serial Number: 0100000DB18FC351  
 2014-10-17 19:08:47.370 AMB Serial Number: 0100000B6909DD82  
 2014-10-17 19:08:47.370 Seismo 1 Serial Number: 0000000000000000  
 2014-10-17 19:08:47.370 Seismo 2 Serial Number: 0000000000000000  
 2014-10-17 19:08:47.370 QAPCHP 1 Serial Number: 4643206  
 2014-10-17 19:08:47.370 QAPCHP 2 Serial Number: 3743050  
 2014-10-17 19:08:47.370 KMI Property Tag Number: 2017  
 2014-10-17 19:08:47.370 System Software Version: 1.146  
 2014-10-17 19:08:47.370 Slave Processor Version: 1.11  
 2014-10-17 19:08:47.370 Calibrator Type: QCAL330  
 2014-10-17 19:08:47.370 Calibrator Version: 1.8  
 2014-10-17 19:08:47.370 Auxiliary Board Type: None  
 2014-10-17 19:08:47.370 Clock Type: Motorola M12  
 2014-10-17 19:08:47.370 PLD Version: 7.9  
 2014-10-17 19:08:47.370 Total Hours: 69815.67  
 2014-10-17 19:08:47.370 Power On Hours: 34446.06  
 2014-10-17 19:08:47.370 Time of Last Boot: 2014-04-06 02:03:58

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2014-10-17 19:08:47.370 Total Number of Boots: 120  
 2014-10-17 19:08:47.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-17 19:08:47.370 Total Number of Re-Syncs: 213  
 2014-10-17 19:08:47.370 Status Inputs: 00000000  
 2014-10-17 19:08:47.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-17 19:08:47.370 Clock Quality: 100%  
 2014-10-17 19:08:47.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-17 19:08:47.370 Clock Phase: 0 usec. max allowed=50000  
 2014-10-17 19:08:47.370 Boom positions:  
 2014-10-17 19:08:47.370 Ch1: -2 Ch2: 3 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-10-17 19:08:47.370 Analog Status  
 2014-10-17 19:08:47.370 Analog Positive Supply: 5.46V  
 2014-10-17 19:08:47.370 Input Voltage: 13.20V  
 2014-10-17 19:08:47.370 System Temperature: 5C  
 2014-10-17 19:08:47.370 Main Current: 62ma  
 2014-10-17 19:08:47.370 Antenna Current: 0ma  
 2014-10-17 19:08:47.370 GPS Status  
 2014-10-17 19:08:47.370 Time: 19:08:46  
 2014-10-17 19:08:47.370 Date:  
 2014-10-17 19:08:47.370 Fix Type: 1-D  
 2014-10-17 19:08:47.370 Height:  
 2014-10-17 19:08:47.370 Latitude:  
 2014-10-17 19:08:47.370 Longitude:  
 2014-10-17 19:08:47.370 On Time: 0min  
 2014-10-17 19:08:47.370 Sat. Used: 0  
 2014-10-17 19:08:47.370 In View: 0  
 2014-10-17 19:08:47.370 Checksum Errors: 0  
 2014-10-17 19:08:47.370 Last GPS timemark: 2014-10-17 19:08:45  
 2014-10-17 19:08:47.370 PLL Status  
 2014-10-17 19:08:47.370 State: Lock  
 2014-10-17 19:08:47.370 Initial VCO: 2201.696777  
 2014-10-17 19:08:47.370 Time Error: 0.000000  
 2014-10-17 19:08:47.370 RMS VCO: 0.0000000  
 2014-10-17 19:08:47.370 Best VCO: 2201.62  
 2014-10-17 19:08:47.370 Seconds Since Track or Lock: 0.0  
 2014-10-17 19:08:47.370 Vco Control: 2202  
 2014-10-17 19:08:47.370 timing mode: external seascan  
 2014-10-17 19:08:47.370 tempco normal  
 2014-10-17 19:08:47.370 PLL update: 10s PLL lock criterion: 5us  
 2014-10-17 19:08:47.370 Pfrac: 150.00  
 2014-10-17 19:08:47.370 VCO slope: -0.0175000  
 2014-10-17 19:08:47.370 VCO intercept: 7.1100001  
 2014-10-17 19:08:47.370 km delta: 600.0000000  
 2014-10-17 19:08:47.370 Logical Port 4 Status  
 2014-10-17 19:08:47.370 Data Packets Sent: 19287827  
 2014-10-17 19:08:47.370 Flood Packets Sent: 0  
 2014-10-17 19:08:47.370 Packets Re-Sent: 30486  
 2014-10-17 19:08:47.370 Sequence Errors: 0  
 2014-10-17 19:08:47.370 Packet Buffer Used: 22137128  
 2014-10-17 19:08:47.370 Physical Port: Ethernet  
 2014-10-17 19:08:47.370 Baler Model: 14 Software Version: 2.28  
 2014-10-17 19:08:47.370 MAC Address: 00:04:FB:00:02:EA  
 2014-10-17 19:08:47.370 Disk Size: 20000669696  
 2014-10-17 19:08:47.370 Percent of 1177 data files in use: 37.6  
 2014-10-17 19:08:47.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-17 19:08:47.370 Channel Sensitivities (uV per count):  
 2014-10-17 19:08:47.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-17 19:08:47.370 Digitizer Calibration Results:  
 2014-10-17 19:08:47.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-17 19:08:47.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-17 19:08:47.370 DMU1 Software Version=10  
 2014-10-17 19:08:47.370 Supply Voltage=12.7  
 2014-10-17 19:08:47.370 Supply Current=0.40

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2014-10-17 19:08:47.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-17 19:08:47.370 WebLink Data Maps Restored
2014-10-17 19:08:47.370 [2014-10-17 07:03:26.000000] sequence resumes overlapping:
16779515 to 16779514
2014-10-17 19:08:47.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-17 19:08:46
2014-10-17 19:14:16.700 [2014-10-17 19:12:07.999998] total packets received: 50968
2014-10-17 19:14:16.700 [2014-10-17 19:12:07.999998] command timeouts: 6
2014-10-17 19:14:16.700 [2014-10-17 19:12:07.999998] out of window: 67
2014-10-17 19:14:16.700 written: HHZ-1162 HH1-1361 HH2-1364 BDH-447 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-10-17 19:14:16.700 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-28
VMZ-1 VM1-1
2014-10-17 19:14:16.700 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-2
2014-10-17 19:14:16.700 [2014-10-17 19:12:07.999998] Done: 4475 recs. seq end:
16823237. run: 325 s
2014-10-18 07:15:08.390
2014-10-18 07:15:08.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-18 07:15:08.390 Control Port 2491 Opened
2014-10-18 07:15:08.390 Baler ready on Ethernet
2014-10-18 07:15:08.390 Power Cycled Baler Acknowledged
2014-10-18 07:15:08.390 Commands Accepted by Q330
2014-10-18 07:15:08.390 Access timeout: 300 sec
2014-10-18 07:15:08.390 Control Port 4023 Opened
2014-10-18 07:15:08.390 Data Port 4024 Opened
2014-10-18 07:15:08.390 Registered with Q330
2014-10-18 07:15:08.390 Combination Record Received
2014-10-18 07:15:08.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-18 07:15:08.390 Link Reset, starting window sequence: 3575
2014-10-18 07:15:08.390 GPS Receiver ID Received
2014-10-18 07:15:08.390 Manufacturer's Data Received, Property Tag=2017
2014-10-18 07:15:08.390 Digitizer Gain & Offsets Received
2014-10-18 07:15:08.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4475 recs.
seq end: 16823237
2014-10-18 07:15:08.390 Baler clock set to 2014-10-18 07:15:07
2014-10-18 07:15:08.390 Starting to Read DP Tokens
2014-10-18 07:15:08.390 DP Tokens loaded, size=1474 bytes
2014-10-18 07:15:08.390 webserver advertising 192.168.200.119:5380
2014-10-18 07:15:08.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-18 07:15:08.390 filters & delay HH1:2@100,Linear all=0.320000
2014-10-18 07:15:08.390 filters & delay HH2:3@100,Linear all=0.320000
2014-10-18 07:15:08.390 filters & delay BDH:4@20,Linear all=1.650000
2014-10-18 07:15:08.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-18 07:15:08.390 filters & delay LH1:2@1,Linear all=15.000000
2014-10-18 07:15:08.390 filters & delay LH2:3@1,Linear all=15.000000
2014-10-18 07:15:08.390 filters & delay LDH:4@1,Linear all=15.000000
2014-10-18 07:15:08.390 [2014-10-17 19:12:07.999998] continuity found: 16823237
466888328.000000 Q=100
2014-10-18 07:15:08.390 [2014-10-17 19:12:07.999998] restoring continuity
2014-10-18 07:15:08.390 Sending DT_OPEN
2014-10-18 07:15:08.390 Station: XX-2017
2014-10-18 07:15:08.390 Q330 Serial Number: 0100000DB18FC351
2014-10-18 07:15:08.390 AMB Serial Number: 0100000B6909DD82
2014-10-18 07:15:08.390 Seismo 1 Serial Number: 0000000000000000
2014-10-18 07:15:08.390 Seismo 2 Serial Number: 0000000000000000
2014-10-18 07:15:08.390 QAPCHP 1 Serial Number: 4643206
2014-10-18 07:15:08.390 QAPCHP 2 Serial Number: 3743050
2014-10-18 07:15:08.390 KMI Property Tag Number: 2017
2014-10-18 07:15:08.390 System Software Version: 1.146
2014-10-18 07:15:08.390 Slave Processor Version: 1.11
2014-10-18 07:15:08.390 Calibrator Type: QCAL330
2014-10-18 07:15:08.390 Calibrator Version: 1.8
2014-10-18 07:15:08.390 Auxiliary Board Type: None

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2014-10-18 07:15:08.390 Clock Type: Motorola M12  
 2014-10-18 07:15:08.390 PLD Version: 7.9  
 2014-10-18 07:15:08.390 Total Hours: 69827.78  
 2014-10-18 07:15:08.390 Power On Hours: 34458.16  
 2014-10-18 07:15:08.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-18 07:15:08.390 Total Number of Boots: 120  
 2014-10-18 07:15:08.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-18 07:15:08.390 Total Number of Re-Syncs: 213  
 2014-10-18 07:15:08.390 Status Inputs: 00000000  
 2014-10-18 07:15:08.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-18 07:15:08.390 Clock Quality: 100%  
 2014-10-18 07:15:08.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-18 07:15:08.390 Clock Phase: 1 usec. max allowed=50000  
 2014-10-18 07:15:08.390 Boom positions:  
 2014-10-18 07:15:08.390 ch1: -2 ch2: 2 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2014-10-18 07:15:08.390 Analog Status  
 2014-10-18 07:15:08.390 Analog Positive Supply: 5.44V  
 2014-10-18 07:15:08.390 Input Voltage: 13.35V  
 2014-10-18 07:15:08.390 System Temperature: 5C  
 2014-10-18 07:15:08.390 Main Current: 64ma  
 2014-10-18 07:15:08.390 Antenna Current: Oma  
 2014-10-18 07:15:08.390 GPS Status  
 2014-10-18 07:15:08.390 Time: 07:15:07  
 2014-10-18 07:15:08.390 Date:  
 2014-10-18 07:15:08.390 Fix Type: 1-D  
 2014-10-18 07:15:08.390 Height:  
 2014-10-18 07:15:08.390 Latitude:  
 2014-10-18 07:15:08.390 Longitude:  
 2014-10-18 07:15:08.390 On Time: 0min  
 2014-10-18 07:15:08.390 Sat. Used: 0  
 2014-10-18 07:15:08.390 In View: 0  
 2014-10-18 07:15:08.390 Checksum Errors: 0  
 2014-10-18 07:15:08.390 Last GPS timemark: 2014-10-18 07:15:06  
 2014-10-18 07:15:08.390 PLL Status  
 2014-10-18 07:15:08.390 State: Lock  
 2014-10-18 07:15:08.390 Initial VCO: 2201.398926  
 2014-10-18 07:15:08.390 Time Error: 0.000000  
 2014-10-18 07:15:08.390 RMS VCO: 0.000000  
 2014-10-18 07:15:08.390 Best VCO: 2201.33  
 2014-10-18 07:15:08.390 Seconds Since Track or Lock: 0.0  
 2014-10-18 07:15:08.390 Vco Control: 2202  
 2014-10-18 07:15:08.390 timing mode: external seascan  
 2014-10-18 07:15:08.390 tempco normal  
 2014-10-18 07:15:08.390 PLL update: 10s PLL lock criterion: 5us  
 2014-10-18 07:15:08.390 Pfrac: 150.00  
 2014-10-18 07:15:08.390 VCO slope: -0.0175000  
 2014-10-18 07:15:08.390 VCO intercept: 7.1100001  
 2014-10-18 07:15:08.390 km delta: 600.0000000  
 2014-10-18 07:15:08.390 Logical Port 4 Status  
 2014-10-18 07:15:08.390 Data Packets Sent: 19338698  
 2014-10-18 07:15:08.390 Flood Packets Sent: 0  
 2014-10-18 07:15:08.390 Packets Re-Sent: 30568  
 2014-10-18 07:15:08.390 Sequence Errors: 0  
 2014-10-18 07:15:08.390 Packet Buffer Used: 22318692  
 2014-10-18 07:15:08.390 Physical Port: Ethernet  
 2014-10-18 07:15:08.390 Baler Model: 14 Software Version: 2.28  
 2014-10-18 07:15:08.390 MAC Address: 00:04:FB:00:02:EA  
 2014-10-18 07:15:08.390 Disk Size: 20000669696  
 2014-10-18 07:15:08.390 Percent of 1177 data files in use: 37.6  
 2014-10-18 07:15:08.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-18 07:15:08.390 Channel Sensitivities (uV per count):  
 2014-10-18 07:15:08.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-18 07:15:08.390 Digitizer Calibration Results:

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2014-10-18 07:15:08.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-18 07:15:08.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-18 07:15:08.390 DMU1 Software Version=10
2014-10-18 07:15:08.390 Supply Voltage=12.7
2014-10-18 07:15:08.390 Supply Current=0.41
2014-10-18 07:15:08.390 webLink Data Maps Restored
2014-10-18 07:15:08.390 [2014-10-17 19:12:07.999998] sequence resumes: 16823237 to
16823237
2014-10-18 07:15:08.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-18 07:15:07
2014-10-18 07:17:22.740 [2014-10-18 00:00:00.000000] Saving Configuration to Backup
Memory
2014-10-18 07:20:45.580 Reducing Status Polling Interval
2014-10-18 07:20:45.580 [2014-10-18 07:20:45.000000] total packets received: 52075
2014-10-18 07:20:45.580 [2014-10-18 07:20:45.000000] command timeouts: 6
2014-10-18 07:20:45.580 [2014-10-18 07:20:45.000000] out of window: 66
2014-10-18 07:20:45.580 written: HHZ-1189 HH1-1451 HH2-1317 BDH-438 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-18 07:20:45.580 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-25
VMZ-2 VM1-2
2014-10-18 07:20:45.580 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-18 07:20:45.580 [2014-10-18 07:20:45.000000] Done: 4540 recs. seq end:
16866954. run: 333 s
2014-10-18 19:21:39.350
2014-10-18 19:21:39.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-18 19:21:39.350 Control Port 2491 Opened
2014-10-18 19:21:39.350 Baler ready on Ethernet
2014-10-18 19:21:39.350 Power Cycled Baler Acknowledged
2014-10-18 19:21:39.350 Commands Accepted by Q330
2014-10-18 19:21:39.350 Access timeout: 300 sec
2014-10-18 19:21:39.350 Control Port 4023 Opened
2014-10-18 19:21:39.350 Data Port 4024 Opened
2014-10-18 19:21:39.350 Registered with Q330
2014-10-18 19:21:39.350 Combination Record Received
2014-10-18 19:21:39.350 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-18 19:21:39.350 Link Reset, starting window sequence: 55548
2014-10-18 19:21:39.350 GPS Receiver ID Received
2014-10-18 19:21:39.350 Manufacturer's Data Received, Property Tag=2017
2014-10-18 19:21:39.350 Digitizer Gain & Offsets Received
2014-10-18 19:21:39.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4540 recs.
seq end: 16866954
2014-10-18 19:21:39.350 Baler clock set to 2014-10-18 19:21:38
2014-10-18 19:21:39.350 Starting to Read DP Tokens
2014-10-18 19:21:39.350 DP Tokens loaded, size=1474 bytes
2014-10-18 19:21:39.350 Webserver advertising 192.168.200.119:5380
2014-10-18 19:21:39.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-18 19:21:39.350 filters & delay HH1:2@100,Linear all=0.320000
2014-10-18 19:21:39.350 filters & delay HH2:3@100,Linear all=0.320000
2014-10-18 19:21:39.350 filters & delay BDH:4@20,Linear all=1.650000
2014-10-18 19:21:39.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-18 19:21:39.350 filters & delay LH1:2@1,Linear all=15.000000
2014-10-18 19:21:39.350 filters & delay LH2:3@1,Linear all=15.000000
2014-10-18 19:21:39.350 filters & delay LDH:4@1,Linear all=15.000000
2014-10-18 19:21:39.350 [2014-10-18 07:20:45.000000] continuity found: 16866954
466932045.000000 Q=100
2014-10-18 19:21:39.350 [2014-10-18 07:20:45.000000] restoring continuity
2014-10-18 19:21:39.350 Sending DT_OPEN
2014-10-18 19:21:39.350 Station: XX-2017
2014-10-18 19:21:39.350 Q330 Serial Number: 0100000DB18FC351
2014-10-18 19:21:39.350 AMB Serial Number: 0100000B6909DD82
2014-10-18 19:21:39.350 Seismo 1 Serial Number: 0000000000000000
2014-10-18 19:21:39.350 Seismo 2 Serial Number: 0000000000000000
2014-10-18 19:21:39.350 QAPCHP 1 Serial Number: 4643206

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2014-10-18 19:21:39.350 QAPCHP 2 Serial Number: 3743050  
 2014-10-18 19:21:39.350 KMI Property Tag Number: 2017  
 2014-10-18 19:21:39.350 System Software Version: 1.146  
 2014-10-18 19:21:39.350 Slave Processor Version: 1.11  
 2014-10-18 19:21:39.350 Calibrator Type: QCAL330  
 2014-10-18 19:21:39.350 Calibrator Version: 1.8  
 2014-10-18 19:21:39.350 Auxiliary Board Type: None  
 2014-10-18 19:21:39.350 Clock Type: Motorola M12  
 2014-10-18 19:21:39.350 PLD Version: 7.9  
 2014-10-18 19:21:39.350 Total Hours: 69839.89  
 2014-10-18 19:21:39.350 Power On Hours: 34470.27  
 2014-10-18 19:21:39.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-18 19:21:39.350 Total Number of Boots: 120  
 2014-10-18 19:21:39.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-18 19:21:39.350 Total Number of Re-Syncs: 213  
 2014-10-18 19:21:39.350 Status Inputs: 00000000  
 2014-10-18 19:21:39.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-18 19:21:39.350 Clock Quality: 100%  
 2014-10-18 19:21:39.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-18 19:21:39.350 Clock Phase: 0 usec. max allowed=50000  
 2014-10-18 19:21:39.350 Boom positions:  
 2014-10-18 19:21:39.350 ch1: -2 ch2: 2 ch3: 0 ch4: 20 ch5: 20 ch6: 20  
 2014-10-18 19:21:39.350 Analog Status  
 2014-10-18 19:21:39.350 Analog Positive Supply: 5.46V  
 2014-10-18 19:21:39.350 Input Voltage: 13.35V  
 2014-10-18 19:21:39.350 System Temperature: 5C  
 2014-10-18 19:21:39.350 Main Current: 62ma  
 2014-10-18 19:21:39.350 Antenna Current: 0ma  
 2014-10-18 19:21:39.350 GPS Status  
 2014-10-18 19:21:39.350 Time: 19:21:38  
 2014-10-18 19:21:39.350 Date:  
 2014-10-18 19:21:39.350 Fix Type: 1-D  
 2014-10-18 19:21:39.350 Height:  
 2014-10-18 19:21:39.350 Latitude:  
 2014-10-18 19:21:39.350 Longitude:  
 2014-10-18 19:21:39.350 On Time: 0min  
 2014-10-18 19:21:39.350 Sat. Used: 0  
 2014-10-18 19:21:39.350 In View: 0  
 2014-10-18 19:21:39.350 Checksum Errors: 0  
 2014-10-18 19:21:39.350 Last GPS timemark: 2014-10-18 19:21:37  
 2014-10-18 19:21:39.350 PLL Status  
 2014-10-18 19:21:39.350 State: Lock  
 2014-10-18 19:21:39.350 Initial VCO: 2201.538574  
 2014-10-18 19:21:39.350 Time Error: 0.000000  
 2014-10-18 19:21:39.350 RMS VCO: 0.0000000  
 2014-10-18 19:21:39.350 Best VCO: 2201.56  
 2014-10-18 19:21:39.350 Seconds Since Track or Lock: 0.0  
 2014-10-18 19:21:39.350 Vco Control: 2202  
 2014-10-18 19:21:39.350 timing mode: external seascan  
 2014-10-18 19:21:39.350 tempco normal  
 2014-10-18 19:21:39.350 PLL update: 10s PLL lock criterion: 5us  
 2014-10-18 19:21:39.350 Pfrac: 150.00  
 2014-10-18 19:21:39.350 VCO slope: -0.0175000  
 2014-10-18 19:21:39.350 VCO intercept: 7.1100001  
 2014-10-18 19:21:39.350 km delta: 600.0000000  
 2014-10-18 19:21:39.350 Logical Port 4 Status  
 2014-10-18 19:21:39.350 Data Packets Sent: 19390676  
 2014-10-18 19:21:39.350 Flood Packets Sent: 0  
 2014-10-18 19:21:39.350 Packets Re-Sent: 30649  
 2014-10-18 19:21:39.350 Sequence Errors: 0  
 2014-10-18 19:21:39.350 Packet Buffer Used: 21578152  
 2014-10-18 19:21:39.350 Physical Port: Ethernet  
 2014-10-18 19:21:39.350 Baler Model: 14 Software Version: 2.28

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2014-10-18 19:21:39.350 MAC Address: 00:04:FB:00:02:EA
2014-10-18 19:21:39.350 Disk Size: 20000669696
2014-10-18 19:21:39.350 Percent of 1177 data files in use: 37.6
2014-10-18 19:21:39.350 Channels Enabled: 1234 Preamps ON channels:
2014-10-18 19:21:39.350 Channel Sensitivities (uV per count):
2014-10-18 19:21:39.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-18 19:21:39.350 Digitizer Calibration Results:
2014-10-18 19:21:39.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-18 19:21:39.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-18 19:21:39.350 DMU1 Software Version=10
2014-10-18 19:21:39.350 Supply Voltage=12.7
2014-10-18 19:21:39.350 Supply Current=0.40
2014-10-18 19:21:39.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-18 19:21:39.350 WebLink Data Maps Restored
2014-10-18 19:21:39.350 [2014-10-18 07:20:45.000000] sequence resumes: 16866954 to
16866954
2014-10-18 19:21:39.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-18 19:21:38
2014-10-18 19:22:58.820 Reducing Status Polling Interval
2014-10-18 19:27:01.600 [2014-10-18 19:23:36.000000] total packets received: 45313
2014-10-18 19:27:01.600 [2014-10-18 19:23:36.000000] command timeouts: 6
2014-10-18 19:27:01.600 [2014-10-18 19:23:36.000000] out of window: 63
2014-10-18 19:27:01.600 written: HHZ-1122 HH1-1317 HH2-1332 BDH-436 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-10-18 19:27:01.600 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-10-18 19:27:01.600 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1
2014-10-18 19:27:01.600 [2014-10-18 19:23:36.000000] Done: 4347 recs. seq end:
16910325. run: 317 s
2014-10-19 07:27:52.350
2014-10-19 07:27:52.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-19 07:27:52.350 Control Port 2491 Opened
2014-10-19 07:27:52.350 Baler ready on Ethernet
2014-10-19 07:27:52.350 Power Cycled Baler Acknowledged
2014-10-19 07:27:52.350 Commands Accepted by Q330
2014-10-19 07:27:52.350 Access timeout: 300 sec
2014-10-19 07:27:52.350 Control Port 4023 Opened
2014-10-19 07:27:52.350 Data Port 4024 Opened
2014-10-19 07:27:52.350 Registered with Q330
2014-10-19 07:27:52.350 Combination Record Received
2014-10-19 07:27:52.350 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-19 07:27:52.350 Link Reset, starting window sequence: 35194
2014-10-19 07:27:52.350 GPS Receiver ID Received
2014-10-19 07:27:52.350 Manufacturer's Data Received, Property Tag=2017
2014-10-19 07:27:52.350 Digitizer Gain & Offsets Received
2014-10-19 07:27:52.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4347 recs.
seq end: 16910325
2014-10-19 07:27:52.350 Baler clock set to 2014-10-19 07:27:51
2014-10-19 07:27:52.350 Starting to Read DP Tokens
2014-10-19 07:27:52.350 DP Tokens loaded, size=1474 bytes
2014-10-19 07:27:52.350 Webserver advertising 192.168.200.119:5380
2014-10-19 07:27:52.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-19 07:27:52.350 filters & delay HH1:2@100,Linear all=0.320000
2014-10-19 07:27:52.350 filters & delay HH2:3@100,Linear all=0.320000
2014-10-19 07:27:52.350 filters & delay BDH:4@20,Linear all=1.650000
2014-10-19 07:27:52.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-19 07:27:52.350 filters & delay LH1:2@1,Linear all=15.000000
2014-10-19 07:27:52.350 filters & delay LH2:3@1,Linear all=15.000000
2014-10-19 07:27:52.350 filters & delay LDH:4@1,Linear all=15.000000
2014-10-19 07:27:52.350 [2014-10-18 19:23:36.000000] continuity found: 16910325
466975416.000000 Q=100
2014-10-19 07:27:52.350 [2014-10-18 19:23:36.000000] restoring continuity
2014-10-19 07:27:52.350 Sending DT_OPEN

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2014-10-19 07:27:52.350 Station: XX-2017  
 2014-10-19 07:27:52.350 Q330 Serial Number: 0100000DB18FC351  
 2014-10-19 07:27:52.350 AMB Serial Number: 0100000B6909DD82  
 2014-10-19 07:27:52.350 Seismo 1 Serial Number: 0000000000000000  
 2014-10-19 07:27:52.350 Seismo 2 Serial Number: 0000000000000000  
 2014-10-19 07:27:52.350 QAPCHP 1 Serial Number: 4643206  
 2014-10-19 07:27:52.350 QAPCHP 2 Serial Number: 3743050  
 2014-10-19 07:27:52.350 KMI Property Tag Number: 2017  
 2014-10-19 07:27:52.350 System Software Version: 1.146  
 2014-10-19 07:27:52.350 Slave Processor Version: 1.11  
 2014-10-19 07:27:52.350 Calibrator Type: QCAL330  
 2014-10-19 07:27:52.350 Calibrator Version: 1.8  
 2014-10-19 07:27:52.350 Auxiliary Board Type: None  
 2014-10-19 07:27:52.350 Clock Type: Motorola M12  
 2014-10-19 07:27:52.350 PLD Version: 7.9  
 2014-10-19 07:27:52.350 Total Hours: 69851.99  
 2014-10-19 07:27:52.350 Power On Hours: 34482.37  
 2014-10-19 07:27:52.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-19 07:27:52.350 Total Number of Boots: 120  
 2014-10-19 07:27:52.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-19 07:27:52.350 Total Number of Re-Syncs: 213  
 2014-10-19 07:27:52.350 Status Inputs: 00000000  
 2014-10-19 07:27:52.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-19 07:27:52.350 Clock Quality: 100%  
 2014-10-19 07:27:52.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-19 07:27:52.350 Clock Phase: 0 usec. max allowed=50000  
 2014-10-19 07:27:52.350 Boom positions:  
 2014-10-19 07:27:52.350 ch1: -2 ch2: 1 ch3: 1 ch4: 20 ch5: 20 ch6: 20  
 2014-10-19 07:27:52.350 Analog Positive Supply: 5.46V  
 2014-10-19 07:27:52.350 Input Voltage: 13.35V  
 2014-10-19 07:27:52.350 System Temperature: 5C  
 2014-10-19 07:27:52.350 Main Current: 61ma  
 2014-10-19 07:27:52.350 Antenna Current: 0ma  
 2014-10-19 07:27:52.350 GPS Status  
 2014-10-19 07:27:52.350 Time: 07:27:51  
 2014-10-19 07:27:52.350 Date:  
 2014-10-19 07:27:52.350 Fix Type: 1-D  
 2014-10-19 07:27:52.350 Height:  
 2014-10-19 07:27:52.350 Latitude:  
 2014-10-19 07:27:52.350 Longitude:  
 2014-10-19 07:27:52.350 On Time: 0min  
 2014-10-19 07:27:52.350 Sat. Used: 0  
 2014-10-19 07:27:52.350 In View: 0  
 2014-10-19 07:27:52.350 Checksum Errors: 0  
 2014-10-19 07:27:52.350 Last GPS timemark: 2014-10-19 07:27:50  
 2014-10-19 07:27:52.350 PLL Status  
 2014-10-19 07:27:52.350 State: Lock  
 2014-10-19 07:27:52.350 Initial VCO: 2200.990967  
 2014-10-19 07:27:52.350 Time Error: 0.000000  
 2014-10-19 07:27:52.350 RMS VCO: 0.0000000  
 2014-10-19 07:27:52.350 Best VCO: 2200.85  
 2014-10-19 07:27:52.350 Seconds Since Track or Lock: 0.0  
 2014-10-19 07:27:52.350 Vco Control: 2201  
 2014-10-19 07:27:52.350 timing mode: external seascan  
 2014-10-19 07:27:52.350 tempco normal  
 2014-10-19 07:27:52.350 PLL update: 10s PLL lock criterion: 5us  
 2014-10-19 07:27:52.350 Pfrac: 150.00  
 2014-10-19 07:27:52.350 VCO slope: -0.0175000  
 2014-10-19 07:27:52.350 VCO intercept: 7.1100001  
 2014-10-19 07:27:52.350 km delta: 600.0000000  
 2014-10-19 07:27:52.350 Logical Port 4 Status  
 2014-10-19 07:27:52.350 Data Packets Sent: 19435863  
 2014-10-19 07:27:52.350 Flood Packets Sent: 0



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2014-10-19 07:27:52.350 Packets Re-Sent: 30730  
 2014-10-19 07:27:52.350 Sequence Errors: 0  
 2014-10-19 07:27:52.350 Packet Buffer Used: 22461076  
 2014-10-19 07:27:52.350 Physical Port: Ethernet  
 2014-10-19 07:27:52.350 Baler Model: 14 Software Version: 2.28  
 2014-10-19 07:27:52.350 MAC Address: 00:04:FB:00:02:EA  
 2014-10-19 07:27:52.350 Disk Size: 20000669696  
 2014-10-19 07:27:52.350 Percent of 1177 data files in use: 37.8  
 2014-10-19 07:27:52.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-19 07:27:52.350 Channel Sensitivities (uV per count):  
 2014-10-19 07:27:52.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-19 07:27:52.350 Digitizer Calibration Results:  
 2014-10-19 07:27:52.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-19 07:27:52.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-19 07:27:52.350 DMU1 Software Version=10  
 2014-10-19 07:27:52.350 Supply Voltage=12.7  
 2014-10-19 07:27:52.350 Supply Current=0.40  
 2014-10-19 07:27:52.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-19 07:27:52.350 webLink Data Maps Restored  
 2014-10-19 07:27:52.350 [2014-10-18 19:23:36.000000] sequence resumes: 16910325 to  
 16910325  
 2014-10-19 07:27:52.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-10-19 07:27:51  
 2014-10-19 07:29:51.480 [2014-10-19 00:00:00.000001] Saving Configuration to Backup  
 Memory  
 2014-10-19 07:33:29.370 Reducing Status Polling Interval  
 2014-10-19 07:33:29.370 [2014-10-19 07:33:28.999998] total packets received: 48499  
 2014-10-19 07:33:29.370 [2014-10-19 07:33:28.999998] command timeouts: 6  
 2014-10-19 07:33:29.370 [2014-10-19 07:33:28.999998] out of window: 75  
 2014-10-19 07:33:29.370 written: HHZ-1162 HH1-1437 HH2-1402 BDH-437 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-10-19 07:33:29.370 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-1 VM1-1  
 2014-10-19 07:33:29.370 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-10-19 07:33:29.370 [2014-10-19 07:33:28.999998] Done: 4575 recs. seq end:  
 16954118. run: 332 s  
 2014-10-19 19:34:22.370  
 2014-10-19 19:34:22.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-19 19:34:22.370 Control Port 2491 Opened  
 2014-10-19 19:34:22.370 Baler ready on Ethernet  
 2014-10-19 19:34:22.370 Power Cycled Baler Acknowledged  
 2014-10-19 19:34:22.370 Commands Accepted by Q330  
 2014-10-19 19:34:22.370 Access timeout: 300 sec  
 2014-10-19 19:34:22.370 Control Port 4023 Opened  
 2014-10-19 19:34:22.370 Data Port 4024 Opened  
 2014-10-19 19:34:22.370 Registered with Q330  
 2014-10-19 19:34:22.370 Combination Record Received  
 2014-10-19 19:34:22.370 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-19 19:34:22.370 Link Reset, starting window sequence: 18046  
 2014-10-19 19:34:22.370 GPS Receiver ID Received  
 2014-10-19 19:34:22.370 Manufacturer's Data Received, Property Tag=2017  
 2014-10-19 19:34:22.370 Digitizer Gain & Offsets Received  
 2014-10-19 19:34:22.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4575 recs.  
 seq end: 16954118  
 2014-10-19 19:34:22.370 Baler clock set to 2014-10-19 19:34:21  
 2014-10-19 19:34:22.370 Starting to Read DP Tokens  
 2014-10-19 19:34:22.370 DP Tokens loaded, size=1474 bytes  
 2014-10-19 19:34:22.370 webserver advertising 192.168.200.119:5380  
 2014-10-19 19:34:22.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-19 19:34:22.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-19 19:34:22.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-19 19:34:22.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-19 19:34:22.370 filters & delay LHZ:1@1,Linear all=15.000000

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2014-10-19 19:34:22.370 filters & delay LH1:2@1,Linear all=15.000000
2014-10-19 19:34:22.370 filters & delay LH2:3@1,Linear all=15.000000
2014-10-19 19:34:22.370 filters & delay LDH:4@1,Linear all=15.000000
2014-10-19 19:34:22.370 [2014-10-19 07:33:28.999998] continuity found: 16954118
467019209.000000 Q=100
2014-10-19 19:34:22.370 [2014-10-19 07:33:28.999998] restoring continuity
2014-10-19 19:34:22.370 Sending DT_OPEN
2014-10-19 19:34:22.370 Station: XX-2017
2014-10-19 19:34:22.370 Q330 Serial Number: 0100000DB18FC351
2014-10-19 19:34:22.370 AMB Serial Number: 0100000B6909DD82
2014-10-19 19:34:22.370 Seismo 1 Serial Number: 0000000000000000
2014-10-19 19:34:22.370 Seismo 2 Serial Number: 0000000000000000
2014-10-19 19:34:22.370 QAPCHP 1 Serial Number: 4643206
2014-10-19 19:34:22.370 QAPCHP 2 Serial Number: 3743050
2014-10-19 19:34:22.370 KMI Property Tag Number: 2017
2014-10-19 19:34:22.370 System Software Version: 1.146
2014-10-19 19:34:22.370 Slave Processor Version: 1.11
2014-10-19 19:34:22.370 Calibrator Type: QCAL330
2014-10-19 19:34:22.370 Calibrator Version: 1.8
2014-10-19 19:34:22.370 Auxiliary Board Type: None
2014-10-19 19:34:22.370 Clock Type: Motorola M12
2014-10-19 19:34:22.370 PLD Version: 7.9
2014-10-19 19:34:22.370 Total Hours: 69864.10
2014-10-19 19:34:22.370 Power On Hours: 34494.48
2014-10-19 19:34:22.370 Time of Last Boot: 2014-04-06 02:03:58
2014-10-19 19:34:22.370 Total Number of Boots: 120
2014-10-19 19:34:22.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-19 19:34:22.370 Total Number of Re-Syncs: 213
2014-10-19 19:34:22.370 Status Inputs: 00000000
2014-10-19 19:34:22.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-19 19:34:22.370 Clock Quality: 100%
2014-10-19 19:34:22.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-19 19:34:22.370 Clock Phase: 1 usec. max allowed=50000
2014-10-19 19:34:22.370 Boom positions:
2014-10-19 19:34:22.370 Ch1: -2 Ch2: 1 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20
2014-10-19 19:34:22.370 Analog Status
2014-10-19 19:34:22.370 Analog Positive Supply: 5.46V
2014-10-19 19:34:22.370 Input Voltage: 13.35V
2014-10-19 19:34:22.370 System Temperature: 5C
2014-10-19 19:34:22.370 Main Current: 61ma
2014-10-19 19:34:22.370 Antenna Current: 0ma
2014-10-19 19:34:22.370 GPS Status
2014-10-19 19:34:22.370 Time: 19:34:21
2014-10-19 19:34:22.370 Date:
2014-10-19 19:34:22.370 Fix Type: 1-D
2014-10-19 19:34:22.370 Height:
2014-10-19 19:34:22.370 Latitude:
2014-10-19 19:34:22.370 Longitude:
2014-10-19 19:34:22.370 On Time: 0min
2014-10-19 19:34:22.370 Sat. Used: 0
2014-10-19 19:34:22.370 In View: 0
2014-10-19 19:34:22.370 Checksum Errors: 0
2014-10-19 19:34:22.370 Last GPS timemark: 2014-10-19 19:34:20
2014-10-19 19:34:22.370 PLL Status
2014-10-19 19:34:22.370 State: Lock
2014-10-19 19:34:22.370 Initial VCO: 2201.145020
2014-10-19 19:34:22.370 Time Error: 0.000000
2014-10-19 19:34:22.370 RMS VCO: 0.0000000
2014-10-19 19:34:22.370 Best VCO: 2201.03
2014-10-19 19:34:22.370 Seconds Since Track or Lock: 0.0
2014-10-19 19:34:22.370 Vco Control: 2201
2014-10-19 19:34:22.370 timing mode: external seascan
2014-10-19 19:34:22.370 tempco normal

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2014-10-19 19:34:22.370 PLL update: 10s PLL lock criterion: 5us  
 2014-10-19 19:34:22.370 Pfrac: 150.00  
 2014-10-19 19:34:22.370 VCO slope: -0.0175000  
 2014-10-19 19:34:22.370 VCO intercept: 7.1100001  
 2014-10-19 19:34:22.370 km delta: 600.0000000  
 2014-10-19 19:34:22.370 Logical Port 4 Status  
 2014-10-19 19:34:22.370 Data Packets Sent: 19484256  
 2014-10-19 19:34:22.370 Flood Packets Sent: 0  
 2014-10-19 19:34:22.370 Packets Re-Sent: 30817  
 2014-10-19 19:34:22.370 Sequence Errors: 0  
 2014-10-19 19:34:22.370 Packet Buffer Used: 23271900  
 2014-10-19 19:34:22.370 Physical Port: Ethernet  
 2014-10-19 19:34:22.370 Baler Model: 14 Software Version: 2.28  
 2014-10-19 19:34:22.370 MAC Address: 00:04:FB:00:02:EA  
 2014-10-19 19:34:22.370 Disk Size: 20000669696  
 2014-10-19 19:34:22.370 Percent of 1177 data files in use: 37.9  
 2014-10-19 19:34:22.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-19 19:34:22.370 Channel Sensitivities (uV per count):  
 2014-10-19 19:34:22.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-19 19:34:22.370 Digitizer Calibration Results:  
 2014-10-19 19:34:22.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-19 19:34:22.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-19 19:34:22.370 DMU1 Software Version=10  
 2014-10-19 19:34:22.370 Supply Voltage=12.7  
 2014-10-19 19:34:22.370 Supply Current=0.41  
 2014-10-19 19:34:22.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-19 19:34:22.370 WebLink Data Maps Restored  
 2014-10-19 19:34:22.370 [2014-10-19 07:33:28.999998] sequence resumes: 16954118 to 16954118  
 2014-10-19 19:34:22.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-19 19:34:21  
 2014-10-19 19:40:11.420 [2014-10-19 19:38:14.000000] total packets received: 59173  
 2014-10-19 19:40:11.420 [2014-10-19 19:38:14.000000] command timeouts: 6  
 2014-10-19 19:40:11.420 [2014-10-19 19:38:14.000000] out of window: 71  
 2014-10-19 19:40:11.420 written: HHZ-1218 HH1-1486 HH2-1468 BDH-444 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-19 19:40:11.420 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26  
 VMZ-2 VM1-2  
 2014-10-19 19:40:11.420 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-10-19 19:40:11.420 [2014-10-19 19:38:14.000000] Done: 4760 recs. seq end: 16997603. run: 345 s  
 2014-10-20 07:41:05.420  
 2014-10-20 07:41:05.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-20 07:41:05.420 Control Port 2491 Opened  
 2014-10-20 07:41:05.420 Baler ready on Ethernet  
 2014-10-20 07:41:05.420 Power Cycled Baler Acknowledged  
 2014-10-20 07:41:05.420 Commands Accepted by Q330  
 2014-10-20 07:41:05.420 Access timeout: 300 sec  
 2014-10-20 07:41:05.420 Control Port 4023 Opened  
 2014-10-20 07:41:05.420 Data Port 4024 Opened  
 2014-10-20 07:41:05.420 Registered with Q330  
 2014-10-20 07:41:05.420 Combination Record Received  
 2014-10-20 07:41:05.420 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-20 07:41:05.420 Link Reset, starting window sequence: 11576  
 2014-10-20 07:41:05.420 GPS Receiver ID Received  
 2014-10-20 07:41:05.420 Manufacturer's Data Received, Property Tag=2017  
 2014-10-20 07:41:05.420 Digitizer Gain & Offsets Received  
 2014-10-20 07:41:05.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4760 recs. seq end: 16997603  
 2014-10-20 07:41:05.420 Starting to Read DP Tokens  
 2014-10-20 07:41:05.420 DP Tokens loaded, size=1474 bytes  
 2014-10-20 07:41:05.420 webserver advertising 192.168.200.119:5380  
 2014-10-20 07:41:05.420 filters & delay HHZ:1@100,Linear all=0.320000

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2014-10-20 07:41:05.420 filters & delay HH1:2@100,Linear all=0.320000
2014-10-20 07:41:05.420 filters & delay HH2:3@100,Linear all=0.320000
2014-10-20 07:41:05.420 filters & delay BDH:4@20,Linear all=1.650000
2014-10-20 07:41:05.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-20 07:41:05.420 filters & delay LH1:2@1,Linear all=15.000000
2014-10-20 07:41:05.420 filters & delay LH2:3@1,Linear all=15.000000
2014-10-20 07:41:05.420 filters & delay LDH:4@1,Linear all=15.000000
2014-10-20 07:41:05.420 [2014-10-19 19:38:14.000000] continuity found: 16997603
467062694.000000 Q=100
2014-10-20 07:41:05.420 [2014-10-19 19:38:14.000000] restoring continuity
2014-10-20 07:41:05.420 Sending DT_OPEN
2014-10-20 07:41:05.420 Station: XX-2017
2014-10-20 07:41:05.420 Q330 Serial Number: 0100000DB18FC351
2014-10-20 07:41:05.420 AMB Serial Number: 0100000B6909DD82
2014-10-20 07:41:05.420 Seismo 1 Serial Number: 0000000000000000
2014-10-20 07:41:05.420 Seismo 2 Serial Number: 0000000000000000
2014-10-20 07:41:05.420 QAPCHP 1 Serial Number: 4643206
2014-10-20 07:41:05.420 QAPCHP 2 Serial Number: 3743050
2014-10-20 07:41:05.420 KMI Property Tag Number: 2017
2014-10-20 07:41:05.420 System Software Version: 1.146
2014-10-20 07:41:05.420 Slave Processor Version: 1.11
2014-10-20 07:41:05.420 Calibrator Type: QCAL330
2014-10-20 07:41:05.420 Calibrator Version: 1.8
2014-10-20 07:41:05.420 Auxiliary Board Type: None
2014-10-20 07:41:05.420 Clock Type: Motorola M12
2014-10-20 07:41:05.420 PLD Version: 7.9
2014-10-20 07:41:05.420 Total Hours: 69876.21
2014-10-20 07:41:05.420 Power On Hours: 34506.60
2014-10-20 07:41:05.420 Time of Last Boot: 2014-04-06 02:03:58
2014-10-20 07:41:05.420 Total Number of Boots: 120
2014-10-20 07:41:05.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-20 07:41:05.420 Total Number of Re-Syncs: 213
2014-10-20 07:41:05.420 Status Inputs: 00000000
2014-10-20 07:41:05.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-10-20 07:41:05.420 Clock Quality: 100%
2014-10-20 07:41:05.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-20 07:41:05.420 Clock Phase: 0 usec. max allowed=50000
2014-10-20 07:41:05.420 Boom positions:
2014-10-20 07:41:05.420 Ch1: -2 ch2: 1 ch3: 1 ch4: 20 ch5: 20 ch6: 20
2014-10-20 07:41:05.420 Analog Status
2014-10-20 07:41:05.420 Analog Positive Supply: 5.46V
2014-10-20 07:41:05.420 Input Voltage: 13.20V
2014-10-20 07:41:05.420 System Temperature: 5C
2014-10-20 07:41:05.420 Main Current: 63ma
2014-10-20 07:41:05.420 Antenna Current: 0ma
2014-10-20 07:41:05.420 GPS Status
2014-10-20 07:41:05.420 Time: 07:41:04
2014-10-20 07:41:05.420 Date:
2014-10-20 07:41:05.420 Fix Type: 1-D
2014-10-20 07:41:05.420 Height:
2014-10-20 07:41:05.420 Latitude:
2014-10-20 07:41:05.420 Longitude:
2014-10-20 07:41:05.420 On Time: 0min
2014-10-20 07:41:05.420 Sat. Used: 0
2014-10-20 07:41:05.420 In View: 0
2014-10-20 07:41:05.420 Checksum Errors: 0
2014-10-20 07:41:05.420 Last GPS timemark: 2014-10-20 07:41:03
2014-10-20 07:41:05.420 PLL Status
2014-10-20 07:41:05.420 State: Lock
2014-10-20 07:41:05.420 Initial VCO: 2201.369385
2014-10-20 07:41:05.420 Time Error: 0.000000
2014-10-20 07:41:05.420 RMS VCO: 0.0000000
2014-10-20 07:41:05.420 Best VCO: 2201.23

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2014-10-20 07:41:05.420 Seconds Since Track or Lock: 0.0
2014-10-20 07:41:05.420 Vco Control: 2202
2014-10-20 07:41:05.420 timing mode: external seascan
2014-10-20 07:41:05.420 tempco normal
2014-10-20 07:41:05.420 PLL update: 10s  PLL lock criterion: 5us
2014-10-20 07:41:05.420 Pfrac: 150.00
2014-10-20 07:41:05.420 VCO slope: -0.0175000
2014-10-20 07:41:05.420 VCO intercept: 7.1100001
2014-10-20 07:41:05.420 Km delta: 600.0000000
2014-10-20 07:41:05.420 Logical Port 4 Status
2014-10-20 07:41:05.420 Data Packets Sent: 19543327
2014-10-20 07:41:05.420 Flood Packets Sent: 0
2014-10-20 07:41:05.420 Packets Re-Sent: 30907
2014-10-20 07:41:05.420 Sequence Errors: 0
2014-10-20 07:41:05.420 Packet Buffer Used: 22212208
2014-10-20 07:41:05.420 Physical Port: Ethernet
2014-10-20 07:41:05.420 Baler Model: 14  Software Version: 2.28
2014-10-20 07:41:05.420 MAC Address: 00:04:FB:00:02:EA
2014-10-20 07:41:05.420 Disk Size: 20000669696
2014-10-20 07:41:05.420 Percent of 1177 data files in use: 38.0
2014-10-20 07:41:05.420 Channels Enabled: 1234  Preamps ON channels:
2014-10-20 07:41:05.420 Channel Sensitivities (uV per count):
2014-10-20 07:41:05.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-20 07:41:05.420 Digitizer Calibration Results:
2014-10-20 07:41:05.420 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2014-10-20 07:41:05.420 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2014-10-20 07:41:05.420 DMU1 Software Version=10
2014-10-20 07:41:05.420 Supply Voltage=12.7
2014-10-20 07:41:05.420 Supply Current=0.41
2014-10-20 07:41:05.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-20 07:41:05.420 webLink Data Maps Restored
2014-10-20 07:41:05.420 [2014-10-19 19:38:14.000000] sequence resumes: 16997603 to
16997603
2014-10-20 07:41:05.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-10-20 07:41:04
2014-10-20 07:43:01.470 [2014-10-20 00:00:00.000000] Saving Configuration to Backup
Memory
2014-10-20 07:46:02.890 Reducing Status Polling Interval
2014-10-20 07:46:02.890 [2014-10-20 07:37:28.000000] total packets received: 45265
2014-10-20 07:46:02.890 [2014-10-20 07:37:28.000000] command timeouts: 6
2014-10-20 07:46:02.890 [2014-10-20 07:37:28.000000] out of window: 65
2014-10-20 07:46:02.890 written: HHZ-1138 HH1-1351 HH2-1397 BDH-441 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-10-20 07:46:02.890 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-27
VMZ-2 VM1-2
2014-10-20 07:46:02.890 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-20 07:46:02.890 [2014-10-20 07:37:28.000000] Done: 4472 recs. seq end:
17040757. run: 320 s
2014-10-20 19:47:22.370
2014-10-20 19:47:22.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-20 19:47:22.370 Control Port 2491 Opened
2014-10-20 19:47:22.370 Baler ready on Ethernet
2014-10-20 19:47:22.370 Power Cycled Baler Acknowledged
2014-10-20 19:47:22.370 Commands Accepted by Q330
2014-10-20 19:47:22.370 Access timeout: 300 sec
2014-10-20 19:47:22.370 Control Port 4023 Opened
2014-10-20 19:47:22.370 Data Port 4024 Opened
2014-10-20 19:47:22.370 Registered with Q330
2014-10-20 19:47:22.370 Combination Record Received
2014-10-20 19:47:22.370 window=4  Min. Timeout=10  Max. Timeout=30
2014-10-20 19:47:22.370 Link Reset, starting window sequence: 56736
2014-10-20 19:47:22.370 GPS Receiver ID Received
2014-10-20 19:47:22.370 Manufacturer's Data Received, Property Tag=2017

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2014-10-20 19:47:22.370 Digitizer Gain & Offsets Received  
 2014-10-20 19:47:22.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4472 recs.  
 seq end: 17040757  
 2014-10-20 19:47:22.370 Baler clock set to 2014-10-20 19:47:21  
 2014-10-20 19:47:22.370 Starting to Read DP Tokens  
 2014-10-20 19:47:22.370 DP Tokens loaded, size=1474 bytes  
 2014-10-20 19:47:22.370 webserver advertising 192.168.200.119:5380  
 2014-10-20 19:47:22.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-20 19:47:22.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-20 19:47:22.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-20 19:47:22.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-20 19:47:22.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-20 19:47:22.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-10-20 19:47:22.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-10-20 19:47:22.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-20 19:47:22.370 [2014-10-20 07:37:28.000000] continuity found: 17040757  
 467105848.000000 Q=100  
 2014-10-20 19:47:22.370 [2014-10-20 07:37:28.000000] restoring continuity  
 2014-10-20 19:47:22.370 Sending DT\_OPEN  
 2014-10-20 19:47:22.370 Station: XX-2017  
 2014-10-20 19:47:22.370 Q330 Serial Number: 0100000DB18FC351  
 2014-10-20 19:47:22.370 AMB Serial Number: 0100000B6909DD82  
 2014-10-20 19:47:22.370 Seismo 1 Serial Number: 0000000000000000  
 2014-10-20 19:47:22.370 Seismo 2 Serial Number: 0000000000000000  
 2014-10-20 19:47:22.370 QAPCHP 1 Serial Number: 4643206  
 2014-10-20 19:47:22.370 QAPCHP 2 Serial Number: 3743050  
 2014-10-20 19:47:22.370 KMI Property Tag Number: 2017  
 2014-10-20 19:47:22.370 System Software Version: 1.146  
 2014-10-20 19:47:22.370 Slave Processor Version: 1.11  
 2014-10-20 19:47:22.370 Calibrator Type: QCAL330  
 2014-10-20 19:47:22.370 Calibrator Version: 1.8  
 2014-10-20 19:47:22.370 Auxiliary Board Type: None  
 2014-10-20 19:47:22.370 Clock Type: Motorola M12  
 2014-10-20 19:47:22.370 PLD Version: 7.9  
 2014-10-20 19:47:22.370 Total Hours: 69888.32  
 2014-10-20 19:47:22.370 Power On Hours: 34518.70  
 2014-10-20 19:47:22.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-20 19:47:22.370 Total Number of Boots: 120  
 2014-10-20 19:47:22.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-20 19:47:22.370 Total Number of Re-Syncs: 213  
 2014-10-20 19:47:22.370 Status Inputs: 00000000  
 2014-10-20 19:47:22.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-20 19:47:22.370 Clock Quality: 100%  
 2014-10-20 19:47:22.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-20 19:47:22.370 Clock Phase: 0 usec. max allowed=50000  
 2014-10-20 19:47:22.370 Boom positions:  
 2014-10-20 19:47:22.370 Ch1: -2 Ch2: 0 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-10-20 19:47:22.370 Analog Status  
 2014-10-20 19:47:22.370 Analog Positive Supply: 5.46v  
 2014-10-20 19:47:22.370 Input Voltage: 13.35v  
 2014-10-20 19:47:22.370 System Temperature: 5C  
 2014-10-20 19:47:22.370 Main Current: 61ma  
 2014-10-20 19:47:22.370 Antenna Current: 0ma  
 2014-10-20 19:47:22.370 GPS Status  
 2014-10-20 19:47:22.370 Time: 19:47:21  
 2014-10-20 19:47:22.370 Date:  
 2014-10-20 19:47:22.370 Fix Type: 1-D  
 2014-10-20 19:47:22.370 Height:  
 2014-10-20 19:47:22.370 Latitude:  
 2014-10-20 19:47:22.370 Longitude:  
 2014-10-20 19:47:22.370 On Time: 0min  
 2014-10-20 19:47:22.370 Sat. Used: 0  
 2014-10-20 19:47:22.370 In View: 0

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2014-10-20 19:47:22.370 Checksum Errors: 0  
 2014-10-20 19:47:22.370 Last GPS timemark: 2014-10-20 19:47:20  
 2014-10-20 19:47:22.370 PLL Status  
 2014-10-20 19:47:22.370 State: Lock  
 2014-10-20 19:47:22.370 Initial VCO: 2201.010498  
 2014-10-20 19:47:22.370 Time Error: 0.000000  
 2014-10-20 19:47:22.370 RMS VCO: 0.0000000  
 2014-10-20 19:47:22.370 Best VCO: 2201.01  
 2014-10-20 19:47:22.370 Seconds Since Track or Lock: 0.0  
 2014-10-20 19:47:22.370 Vco Control: 2201  
 2014-10-20 19:47:22.370 timing mode: external seascan  
 2014-10-20 19:47:22.370 tempco normal  
 2014-10-20 19:47:22.370 PLL update: 10s PLL lock criterion: 5us  
 2014-10-20 19:47:22.370 Pfrac: 150.00  
 2014-10-20 19:47:22.370 VCO slope: -0.0175000  
 2014-10-20 19:47:22.370 VCO intercept: 7.1100001  
 2014-10-20 19:47:22.370 km delta: 600.0000000  
 2014-10-20 19:47:22.370 Logical Port 4 Status  
 2014-10-20 19:47:22.370 Data Packets Sent: 19588492  
 2014-10-20 19:47:22.370 Flood Packets Sent: 0  
 2014-10-20 19:47:22.370 Packets Re-Sent: 30989  
 2014-10-20 19:47:22.370 Sequence Errors: 0  
 2014-10-20 19:47:22.370 Packet Buffer Used: 21861316  
 2014-10-20 19:47:22.370 Physical Port: Ethernet  
 2014-10-20 19:47:22.370 Baler Model: 14 Software Version: 2.28  
 2014-10-20 19:47:22.370 Disk Size: 20000669696  
 2014-10-20 19:47:22.370 Percent of 1177 data files in use: 38.1  
 2014-10-20 19:47:22.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-20 19:47:22.370 Channel Sensitivities (uV per count):  
 2014-10-20 19:47:22.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-20 19:47:22.370 Digitizer Calibration Results:  
 2014-10-20 19:47:22.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-20 19:47:22.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-20 19:47:22.370 DMU1 Software Version=10  
 2014-10-20 19:47:22.370 Supply Voltage=12.7  
 2014-10-20 19:47:22.370 Supply Current=0.41  
 2014-10-20 19:47:22.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-20 19:47:22.370 WebLink Data Maps Restored  
 2014-10-20 19:47:22.370 [2014-10-20 07:37:28.000000] sequence resumes: 17040757 to  
 17040757  
 2014-10-20 19:47:22.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-20 19:47:21  
 2014-10-20 19:52:52.530 [2014-10-20 19:46:09.000000] total packets received: 47504  
 2014-10-20 19:52:52.530 [2014-10-20 19:46:09.000000] command timeouts: 6  
 2014-10-20 19:52:52.530 [2014-10-20 19:46:09.000000] out of window: 69  
 2014-10-20 19:52:52.530 written: HHZ-1137 HH1-1364 HH2-1309 BDH-432 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-10-20 19:52:52.530 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-1 VM1-1  
 2014-10-20 19:52:52.530 written: VM2-1 LOG-2 ACE-1 OCF-1  
 2014-10-20 19:52:52.530 [2014-10-20 19:46:09.000000] Done: 4374 recs. seq end:  
 17084478. run: 325 s  
 2014-10-21 07:53:45.420  
 2014-10-21 07:53:45.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-21 07:53:45.420 Control Port 2491 Opened  
 2014-10-21 07:53:45.420 Baler ready on Ethernet  
 2014-10-21 07:53:45.420 Power Cycled Baler Acknowledged  
 2014-10-21 07:53:45.420 Commands Accepted by Q330  
 2014-10-21 07:53:45.420 Access timeout: 300 sec  
 2014-10-21 07:53:45.420 Control Port 4023 Opened  
 2014-10-21 07:53:45.420 Data Port 4024 Opened  
 2014-10-21 07:53:45.420 Registered with Q330  
 2014-10-21 07:53:45.420 Combination Record Received

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2014-10-21 07:53:45.420 window=4   Min. Timeout=10   Max. Timeout=30
2014-10-21 07:53:45.420 Link Reset, starting window sequence: 38600
2014-10-21 07:53:45.420 GPS Receiver ID Received
2014-10-21 07:53:45.420 Manufacturer's Data Received, Property Tag=2017
2014-10-21 07:53:45.420 Digitizer Gain & Offsets Received
2014-10-21 07:53:45.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4374 recs.
seq end: 17084478
2014-10-21 07:53:45.420 Baler clock set to 2014-10-21 07:53:44
2014-10-21 07:53:45.420 Starting to Read DP Tokens
2014-10-21 07:53:45.420 DP Tokens loaded, size=1474 bytes
2014-10-21 07:53:45.420 webserver advertising 192.168.200.119:5380
2014-10-21 07:53:45.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-21 07:53:45.420 filters & delay HH1:2@100,Linear all=0.320000
2014-10-21 07:53:45.420 filters & delay HH2:3@100,Linear all=0.320000
2014-10-21 07:53:45.420 filters & delay BDH:4@20,Linear all=1.650000
2014-10-21 07:53:45.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-21 07:53:45.420 filters & delay LH1:2@1,Linear all=15.000000
2014-10-21 07:53:45.420 filters & delay LH2:3@1,Linear all=15.000000
2014-10-21 07:53:45.420 filters & delay LDH:4@1,Linear all=15.000000
2014-10-21 07:53:45.420 [2014-10-20 19:46:09.000000] continuity found: 17084478
467149569.000000 Q=100
2014-10-21 07:53:45.420 [2014-10-20 19:46:09.000000] restoring continuity
2014-10-21 07:53:45.420 Sending DT_OPEN
2014-10-21 07:53:45.420 Station: XX-2017
2014-10-21 07:53:45.420 Q330 Serial Number: 0100000DB18FC351
2014-10-21 07:53:45.420 AMB Serial Number: 0100000B6909DD82
2014-10-21 07:53:45.420 Seismo 1 Serial Number: 0000000000000000
2014-10-21 07:53:45.420 Seismo 2 Serial Number: 0000000000000000
2014-10-21 07:53:45.420 QAPCHP 1 Serial Number: 4643206
2014-10-21 07:53:45.420 QAPCHP 2 Serial Number: 3743050
2014-10-21 07:53:45.420 KMI Property Tag Number: 2017
2014-10-21 07:53:45.420 System Software Version: 1.146
2014-10-21 07:53:45.420 Slave Processor Version: 1.11
2014-10-21 07:53:45.420 Calibrator Type: QCAL330
2014-10-21 07:53:45.420 Calibrator Version: 1.8
2014-10-21 07:53:45.420 Auxiliary Board Type: None
2014-10-21 07:53:45.420 Clock Type: Motorola M12
2014-10-21 07:53:45.420 PLD Version: 7.9
2014-10-21 07:53:45.420 Total Hours: 69900.42
2014-10-21 07:53:45.420 Power On Hours: 34530.81
2014-10-21 07:53:45.420 Time of Last Boot: 2014-04-06 02:03:58
2014-10-21 07:53:45.420 Total Number of Boots: 120
2014-10-21 07:53:45.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-21 07:53:45.420 Total Number of Re-Syncs: 213
2014-10-21 07:53:45.420 Status Inputs: 00000000
2014-10-21 07:53:45.420 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-10-21 07:53:45.420 Clock Quality: 100%
2014-10-21 07:53:45.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-21 07:53:45.420 Clock Phase: 0 usec. max allowed=50000
2014-10-21 07:53:45.420 Boom positions:
2014-10-21 07:53:45.420 ch1: -2 ch2: 0 ch3: 4 ch4: 20 ch5: 20 ch6: 20
2014-10-21 07:53:45.420 Analog Status
2014-10-21 07:53:45.420 Analog Positive Supply: 5.46V
2014-10-21 07:53:45.420 Input Voltage: 13.20V
2014-10-21 07:53:45.420 System Temperature: 5C
2014-10-21 07:53:45.420 Main Current: 62ma
2014-10-21 07:53:45.420 Antenna Current: 0ma
2014-10-21 07:53:45.420 GPS Status
2014-10-21 07:53:45.420 Time: 07:53:44
2014-10-21 07:53:45.420 Date:
2014-10-21 07:53:45.420 Fix Type: 1-D
2014-10-21 07:53:45.420 Height:
2014-10-21 07:53:45.420 Latitude:

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2014-10-21 07:53:45.420 Longitude:  
 2014-10-21 07:53:45.420 On Time: 0min  
 2014-10-21 07:53:45.420 Sat. Used: 0  
 2014-10-21 07:53:45.420 In View: 0  
 2014-10-21 07:53:45.420 Checksum Errors: 0  
 2014-10-21 07:53:45.420 Last GPS timemark: 2014-10-21 07:53:43  
 2014-10-21 07:53:45.420 PLL Status  
 2014-10-21 07:53:45.420 State: Lock  
 2014-10-21 07:53:45.420 Initial VCO: 2201.298340  
 2014-10-21 07:53:45.420 Time Error: -0.000001  
 2014-10-21 07:53:45.420 RMS VCO: 0.0000000  
 2014-10-21 07:53:45.420 Best VCO: 2201.26  
 2014-10-21 07:53:45.420 Seconds Since Track or Lock: 0.0  
 2014-10-21 07:53:45.420 Vco Control: 2201  
 2014-10-21 07:53:45.420 timing mode: external seascan  
 2014-10-21 07:53:45.420 tempco normal  
 2014-10-21 07:53:45.420 PLL update: 10s PLL lock criterion: 5us  
 2014-10-21 07:53:45.420 Pfrac: 150.00  
 2014-10-21 07:53:45.420 VCO slope: -0.0175000  
 2014-10-21 07:53:45.420 VCO intercept: 7.1100001  
 2014-10-21 07:53:45.420 km delta: 600.0000000  
 2014-10-21 07:53:45.420 Logical Port 4 Status  
 2014-10-21 07:53:45.420 Data Packets Sent: 19635897  
 2014-10-21 07:53:45.420 Flood Packets Sent: 0  
 2014-10-21 07:53:45.420 Packets Re-Sent: 31078  
 2014-10-21 07:53:45.420 Sequence Errors: 0  
 2014-10-21 07:53:45.420 Packet Buffer Used: 21599844  
 2014-10-21 07:53:45.420 Physical Port: Ethernet  
 2014-10-21 07:53:45.420 Baler Model: 14 Software Version: 2.28  
 2014-10-21 07:53:45.420 MAC Address: 00:04:FB:00:02:EA  
 2014-10-21 07:53:45.420 Disk Size: 20000669696  
 2014-10-21 07:53:45.420 Percent of 1177 data files in use: 38.1  
 2014-10-21 07:53:45.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-21 07:53:45.420 Channel sensitivities (uV per count):  
 2014-10-21 07:53:45.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-21 07:53:45.420 Digitizer Calibration Results:  
 2014-10-21 07:53:45.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-21 07:53:45.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-21 07:53:45.420 DMU1 Software Version=10  
 2014-10-21 07:53:45.420 Supply Voltage=12.7  
 2014-10-21 07:53:45.420 Supply Current=0.41  
 2014-10-21 07:53:45.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-21 07:53:45.420 webLink Data Maps Restored  
 2014-10-21 07:53:45.420 [2014-10-20 19:46:09.000000] sequence resumes: 17084478 to 17084478  
 2014-10-21 07:53:45.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-21 07:53:44  
 2014-10-21 07:55:32.200 [2014-10-21 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-10-21 07:59:09.480 Reducing Status Polling Interval  
 2014-10-21 07:59:09.480 [2014-10-21 07:59:09.000000] total packets received: 46474  
 2014-10-21 07:59:09.480 [2014-10-21 07:59:09.000000] command timeouts: 6  
 2014-10-21 07:59:09.480 [2014-10-21 07:59:09.000000] out of window: 68  
 2014-10-21 07:59:09.480 written: HHZ-1102 HH1-1313 HH2-1386 BDH-425 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-21 07:59:09.480 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-25 LDH-24  
 VMZ-2 VM1-2  
 2014-10-21 07:59:09.480 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-10-21 07:59:09.480 [2014-10-21 07:59:09.000000] Done: 4371 recs. seq end: 17128458. run: 320 s  
 2014-10-21 20:00:02.370  
 2014-10-21 20:00:02.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-21 20:00:02.370 Control Port 2491 Opened

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2014-10-21 20:00:02.370 Baler ready on Ethernet
2014-10-21 20:00:02.370 Power Cycled Baler Acknowledged
2014-10-21 20:00:02.370 Commands Accepted by Q330
2014-10-21 20:00:02.370 Access timeout: 300 sec
2014-10-21 20:00:02.370 Control Port 4023 Opened
2014-10-21 20:00:02.370 Data Port 4024 Opened
2014-10-21 20:00:02.370 Registered with Q330
2014-10-21 20:00:02.370 Combination Record Received
2014-10-21 20:00:02.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-21 20:00:02.370 Link Reset, starting window sequence: 19435
2014-10-21 20:00:02.370 GPS Receiver ID Received
2014-10-21 20:00:02.370 Manufacturer's Data Received, Property Tag=2017
2014-10-21 20:00:02.370 Digitizer Gain & Offsets Received
2014-10-21 20:00:02.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4371 recs.
seq end: 17128458
2014-10-21 20:00:02.370 Baler clock set to 2014-10-21 20:00:01
2014-10-21 20:00:02.370 Starting to Read DP Tokens
2014-10-21 20:00:02.370 DP Tokens loaded, size=1474 bytes
2014-10-21 20:00:02.370 webserver advertising 192.168.200.119:5380
2014-10-21 20:00:02.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-21 20:00:02.370 filters & delay HH1:2@100,Linear all=0.320000
2014-10-21 20:00:02.370 filters & delay HH2:3@100,Linear all=0.320000
2014-10-21 20:00:02.370 filters & delay BDH:4@20,Linear all=1.650000
2014-10-21 20:00:02.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-21 20:00:02.370 filters & delay LH1:2@1,Linear all=15.000000
2014-10-21 20:00:02.370 filters & delay LH2:3@1,Linear all=15.000000
2014-10-21 20:00:02.370 filters & delay LDH:4@1,Linear all=15.000000
2014-10-21 20:00:02.370 [2014-10-21 07:59:09.000000] continuity found: 17128458
467193549.000000 Q=100
2014-10-21 20:00:02.370 [2014-10-21 07:59:09.000000] restoring continuity
2014-10-21 20:00:02.370 Sending DT_OPEN
2014-10-21 20:00:02.370 Station: XX-2017
2014-10-21 20:00:02.370 Q330 Serial Number: 0100000DB18FC351
2014-10-21 20:00:02.370 AMB Serial Number: 0100000B6909DD82
2014-10-21 20:00:02.370 Seismo 1 Serial Number: 0000000000000000
2014-10-21 20:00:02.370 Seismo 2 Serial Number: 0000000000000000
2014-10-21 20:00:02.370 QAPCHP 1 Serial Number: 4643206
2014-10-21 20:00:02.370 QAPCHP 2 Serial Number: 3743050
2014-10-21 20:00:02.370 KMI Property Tag Number: 2017
2014-10-21 20:00:02.370 System Software Version: 1.146
2014-10-21 20:00:02.370 Slave Processor Version: 1.11
2014-10-21 20:00:02.370 Calibrator Type: QCAL330
2014-10-21 20:00:02.370 Calibrator Version: 1.8
2014-10-21 20:00:02.370 Auxiliary Board Type: None
2014-10-21 20:00:02.370 Clock Type: Motorola M12
2014-10-21 20:00:02.370 PLD Version: 7.9
2014-10-21 20:00:02.370 Power On Hours: 34542.91
2014-10-21 20:00:02.370 Time of Last Boot: 2014-04-06 02:03:58
2014-10-21 20:00:02.370 Total Number of Boots: 120
2014-10-21 20:00:02.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-21 20:00:02.370 Total Number of Re-Syncs: 213
2014-10-21 20:00:02.370 Status Inputs: 00000000
2014-10-21 20:00:02.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-21 20:00:02.370 Clock Quality: 100%
2014-10-21 20:00:02.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-21 20:00:02.370 Clock Phase: 0 usec. max allowed=50000
2014-10-21 20:00:02.370 Boom positions:
2014-10-21 20:00:02.370 ch1: -2 ch2: 0 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-10-21 20:00:02.370 Analog Status
2014-10-21 20:00:02.370 Analog Positive Supply: 5.46V
2014-10-21 20:00:02.370 Input Voltage: 13.35V
2014-10-21 20:00:02.370 System Temperature: 5C
2014-10-21 20:00:02.370 Main Current: 62ma

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2014-10-21 20:00:02.370 Antenna Current: 0ma  
 2014-10-21 20:00:02.370 GPS Status  
 2014-10-21 20:00:02.370 Time: 20:00:01  
 2014-10-21 20:00:02.370 Date:  
 2014-10-21 20:00:02.370 Fix Type: 1-D  
 2014-10-21 20:00:02.370 Height:  
 2014-10-21 20:00:02.370 Latitude:  
 2014-10-21 20:00:02.370 Longitude:  
 2014-10-21 20:00:02.370 On Time: 0min  
 2014-10-21 20:00:02.370 Sat. Used: 0  
 2014-10-21 20:00:02.370 In View: 0  
 2014-10-21 20:00:02.370 Checksum Errors: 0  
 2014-10-21 20:00:02.370 Last GPS timemark: 2014-10-21 20:00:00  
 2014-10-21 20:00:02.370 PLL Status  
 2014-10-21 20:00:02.370 State: Lock  
 2014-10-21 20:00:02.370 Initial VCO: 2201.393066  
 2014-10-21 20:00:02.370 Time Error: 0.000000  
 2014-10-21 20:00:02.370 RMS VCO: 0.0000000  
 2014-10-21 20:00:02.370 Best VCO: 2201.64  
 2014-10-21 20:00:02.370 Seconds Since Track or Lock: 0.0  
 2014-10-21 20:00:02.370 Vco Control: 2201  
 2014-10-21 20:00:02.370 timing mode: external seascan  
 2014-10-21 20:00:02.370 tempco normal  
 2014-10-21 20:00:02.370 PLL update: 10s PLL lock criterion: 5us  
 2014-10-21 20:00:02.370 Pfrac: 150.00  
 2014-10-21 20:00:02.370 VCO slope: -0.0175000  
 2014-10-21 20:00:02.370 VCO intercept: 7.1100001  
 2014-10-21 20:00:02.370 Km delta: 600.0000000  
 2014-10-21 20:00:02.370 Logical Port 4 Status  
 2014-10-21 20:00:02.370 Data Packets Sent: 19682273  
 2014-10-21 20:00:02.370 Flood Packets Sent: 0  
 2014-10-21 20:00:02.370 Packets Re-Sent: 31158  
 2014-10-21 20:00:02.370 Sequence Errors: 0  
 2014-10-21 20:00:02.370 Packet Buffer Used: 21012728  
 2014-10-21 20:00:02.370 Physical Port: Ethernet  
 2014-10-21 20:00:02.370 Baler Model: 14 Software Version: 2.28  
 2014-10-21 20:00:02.370 MAC Address: 00:04:FB:00:02:EA  
 2014-10-21 20:00:02.370 Disk Size: 20000669696  
 2014-10-21 20:00:02.370 Percent of 1177 data files in use: 38.2  
 2014-10-21 20:00:02.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-21 20:00:02.370 Channel Sensitivities (uV per count):  
 2014-10-21 20:00:02.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-21 20:00:02.370 Digitizer Calibration Results:  
 2014-10-21 20:00:02.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-21 20:00:02.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-21 20:00:02.370 DMU1 Software Version=10  
 2014-10-21 20:00:02.370 Supply Voltage=12.7  
 2014-10-21 20:00:02.370 Supply Current=0.40  
 2014-10-21 20:00:02.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-21 20:00:02.370 WebLink Data Maps Restored  
 2014-10-21 20:00:02.370 [2014-10-21 07:59:09.000000] sequence resumes: 17128458 to 17128458  
 2014-10-21 20:00:02.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-21 20:00:01  
 2014-10-21 20:05:21.870 Reducing Status Polling Interval  
 2014-10-21 20:05:21.870 [2014-10-21 20:05:20.999998] total packets received: 44091  
 2014-10-21 20:05:21.870 [2014-10-21 20:05:20.999998] command timeouts: 6  
 2014-10-21 20:05:21.870 [2014-10-21 20:05:20.999998] out of window: 63  
 2014-10-21 20:05:21.870 written: HHZ-1059 HH1-1281 HH2-1324 BDH-432 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-21 20:05:21.870 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-10-21 20:05:21.870 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1

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2014-10-21 20:05:21.870 [2014-10-21 20:05:20.999998] Done: 4235 recs. seq end:
17172030. run: 315 s
2014-10-22 08:06:14.380
2014-10-22 08:06:14.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-22 08:06:14.380 Control Port 2491 Opened
2014-10-22 08:06:14.380 Baler ready on Ethernet
2014-10-22 08:06:14.380 Power Cycled Baler Acknowledged
2014-10-22 08:06:14.380 Commands Accepted by Q330
2014-10-22 08:06:14.380 Access timeout: 300 sec
2014-10-22 08:06:14.380 Control Port 4023 Opened
2014-10-22 08:06:14.380 Data Port 4024 Opened
2014-10-22 08:06:14.380 Registered with Q330
2014-10-22 08:06:14.380 Combination Record Received
2014-10-22 08:06:14.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-22 08:06:14.380 Link Reset, starting window sequence: 63428
2014-10-22 08:06:14.380 GPS Receiver ID Received
2014-10-22 08:06:14.380 Manufacturer's Data Received, Property Tag=2017
2014-10-22 08:06:14.380 Digitizer Gain & Offsets Received
2014-10-22 08:06:14.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4235 recs.
seq end: 17172030
2014-10-22 08:06:14.380 Baler clock set to 2014-10-22 08:06:13
2014-10-22 08:06:14.380 Starting to Read DP Tokens
2014-10-22 08:06:14.380 DP Tokens loaded, size=1474 bytes
2014-10-22 08:06:14.380 Webserver advertising 192.168.200.119:5380
2014-10-22 08:06:14.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-22 08:06:14.380 filters & delay HH1:2@100,Linear all=0.320000
2014-10-22 08:06:14.380 filters & delay HH2:3@100,Linear all=0.320000
2014-10-22 08:06:14.380 filters & delay BDH:4@20,Linear all=1.650000
2014-10-22 08:06:14.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-22 08:06:14.380 filters & delay LH1:2@1,Linear all=15.000000
2014-10-22 08:06:14.380 filters & delay LH2:3@1,Linear all=15.000000
2014-10-22 08:06:14.380 filters & delay LDH:4@1,Linear all=15.000000
2014-10-22 08:06:14.380 [2014-10-21 20:05:20.999998] continuity found: 17172030
467237121.000000 Q=100
2014-10-22 08:06:14.380 [2014-10-21 20:05:20.999998] restoring continuity
2014-10-22 08:06:14.380 Sending DT_OPEN
2014-10-22 08:06:14.380 Station: XX-2017
2014-10-22 08:06:14.380 Q330 Serial Number: 0100000DB18FC351
2014-10-22 08:06:14.380 AMB Serial Number: 0100000B6909DD82
2014-10-22 08:06:14.380 Seismo 1 Serial Number: 0000000000000000
2014-10-22 08:06:14.380 Seismo 2 Serial Number: 0000000000000000
2014-10-22 08:06:14.380 QAPCHP 1 Serial Number: 4643206
2014-10-22 08:06:14.380 QAPCHP 2 Serial Number: 3743050
2014-10-22 08:06:14.380 KMI Property Tag Number: 2017
2014-10-22 08:06:14.380 System Software Version: 1.146
2014-10-22 08:06:14.380 Slave Processor Version: 1.11
2014-10-22 08:06:14.380 Calibrator Type: QCAL330
2014-10-22 08:06:14.380 Calibrator Version: 1.8
2014-10-22 08:06:14.380 Auxiliary Board Type: None
2014-10-22 08:06:14.380 Clock Type: Motorola M12
2014-10-22 08:06:14.380 PLD Version: 7.9
2014-10-22 08:06:14.380 Total Hours: 69924.63
2014-10-22 08:06:14.380 Power On Hours: 34555.02
2014-10-22 08:06:14.380 Time of Last Boot: 2014-04-06 02:03:58
2014-10-22 08:06:14.380 Total Number of Boots: 120
2014-10-22 08:06:14.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-22 08:06:14.380 Total Number of Re-Syncs: 213
2014-10-22 08:06:14.380 Status Inputs: 00000000
2014-10-22 08:06:14.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-22 08:06:14.380 Clock Quality: 100%
2014-10-22 08:06:14.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-22 08:06:14.380 Clock Phase: 0 usec. max allowed=50000
2014-10-22 08:06:14.380 Boom positions:

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2014-10-22 08:06:14.380 ch1: -2 ch2: 0 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-10-22 08:06:14.380 Analog Status  
 2014-10-22 08:06:14.380 Analog Positive Supply: 5.46V  
 2014-10-22 08:06:14.380 Input Voltage: 13.35V  
 2014-10-22 08:06:14.380 System Temperature: 5C  
 2014-10-22 08:06:14.380 Main Current: 61ma  
 2014-10-22 08:06:14.380 Antenna Current: 0ma  
 2014-10-22 08:06:14.380 GPS Status  
 2014-10-22 08:06:14.380 Time: 08:06:12  
 2014-10-22 08:06:14.380 Date:  
 2014-10-22 08:06:14.380 Fix Type: 1-D  
 2014-10-22 08:06:14.380 Height:  
 2014-10-22 08:06:14.380 Latitude:  
 2014-10-22 08:06:14.380 Longitude:  
 2014-10-22 08:06:14.380 On Time: 0min  
 2014-10-22 08:06:14.380 Sat. Used: 0  
 2014-10-22 08:06:14.380 In View: 0  
 2014-10-22 08:06:14.380 Checksum Errors: 0  
 2014-10-22 08:06:14.380 Last GPS timemark: 2014-10-22 08:06:11  
 2014-10-22 08:06:14.380 PLL Status  
 2014-10-22 08:06:14.380 State: Lock  
 2014-10-22 08:06:14.380 Initial VCO: 2201.906006  
 2014-10-22 08:06:14.380 Time Error: 0.000000  
 2014-10-22 08:06:14.380 RMS VCO: 0.0000000  
 2014-10-22 08:06:14.380 Best VCO: 2201.94  
 2014-10-22 08:06:14.380 Seconds Since Track or Lock: 0.0  
 2014-10-22 08:06:14.380 Vco Control: 2202  
 2014-10-22 08:06:14.380 timing mode: external seascan  
 2014-10-22 08:06:14.380 tempco normal  
 2014-10-22 08:06:14.380 PLL update: 10s PLL lock criterion: 5us  
 2014-10-22 08:06:14.380 Pfrac: 150.00  
 2014-10-22 08:06:14.380 VCO slope: -0.0175000  
 2014-10-22 08:06:14.380 VCO intercept: 7.1100001  
 2014-10-22 08:06:14.380 Km delta: 600.0000000  
 2014-10-22 08:06:14.380 Logical Port 4 Status  
 2014-10-22 08:06:14.380 Data Packets Sent: 19726271  
 2014-10-22 08:06:14.380 Flood Packets Sent: 0  
 2014-10-22 08:06:14.380 Packets Re-Sent: 31237  
 2014-10-22 08:06:14.380 Sequence Errors: 0  
 2014-10-22 08:06:14.380 Packet Buffer Used: 22132596  
 2014-10-22 08:06:14.380 Physical Port: Ethernet  
 2014-10-22 08:06:14.380 Baler Model: 14 Software Version: 2.28  
 2014-10-22 08:06:14.380 MAC Address: 00:04:FB:00:02:EA  
 2014-10-22 08:06:14.380 Disk Size: 20000669696  
 2014-10-22 08:06:14.380 Percent of 1177 data files in use: 38.3  
 2014-10-22 08:06:14.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-22 08:06:14.380 Channel Sensitivities (uV per count):  
 2014-10-22 08:06:14.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-22 08:06:14.380 Digitizer Calibration Results:  
 2014-10-22 08:06:14.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-22 08:06:14.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-22 08:06:14.380 DMU1 Software Version=10  
 2014-10-22 08:06:14.380 Supply Voltage=12.7  
 2014-10-22 08:06:14.380 Supply Current=0.40  
 2014-10-22 08:06:14.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-22 08:06:14.380 WebLink Data Maps Restored  
 2014-10-22 08:06:14.380 [2014-10-21 20:05:20.999998] sequence resumes: 17172030 to 17172030  
 2014-10-22 08:06:14.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-10-22 08:06:13  
 2014-10-22 08:08:01.820 [2014-10-22 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-10-22 08:11:44.980 [2014-10-22 08:08:01.999998] total packets received: 45190

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2014-10-22 08:11:44.980 [2014-10-22 08:08:01.999998] command timeouts: 6
2014-10-22 08:11:44.980 [2014-10-22 08:08:01.999998] out of window: 78
2014-10-22 08:11:44.980 written: HHZ-1103 HH1-1399 HH2-1417 BDH-438 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-10-22 08:11:44.980 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-10-22 08:11:44.980 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-22 08:11:44.980 [2014-10-22 08:08:01.999998] Done: 4495 recs. seq end:
17215391. run: 325 s
2014-10-22 20:12:37.380
2014-10-22 20:12:37.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-22 20:12:37.380 Control Port 2491 Opened
2014-10-22 20:12:37.380 Baler ready on Ethernet
2014-10-22 20:12:37.380 Power Cycled Baler Acknowledged
2014-10-22 20:12:37.380 Access timeout: 300 sec
2014-10-22 20:12:37.380 Control Port 4023 Opened
2014-10-22 20:12:37.380 Data Port 4024 Opened
2014-10-22 20:12:37.380 Registered with Q330
2014-10-22 20:12:37.380 Combination Record Received
2014-10-22 20:12:37.380 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-22 20:12:37.380 Link Reset, starting window sequence: 42969
2014-10-22 20:12:37.380 GPS Receiver ID Received
2014-10-22 20:12:37.380 Manufacturer's Data Received, Property Tag=2017
2014-10-22 20:12:37.380 Digitizer Gain & Offsets Received
2014-10-22 20:12:37.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4495 recs.
seq end: 17215391
2014-10-22 20:12:37.380 Baler clock set to 2014-10-22 20:12:36
2014-10-22 20:12:37.380 Starting to Read DP Tokens
2014-10-22 20:12:37.380 DP Tokens loaded, size=1474 bytes
2014-10-22 20:12:37.380 Webserver advertising 192.168.200.119:5380
2014-10-22 20:12:37.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-22 20:12:37.380 filters & delay HH1:2@100,Linear all=0.320000
2014-10-22 20:12:37.380 filters & delay HH2:3@100,Linear all=0.320000
2014-10-22 20:12:37.380 filters & delay BDH:4@20,Linear all=1.650000
2014-10-22 20:12:37.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-22 20:12:37.380 filters & delay LH1:2@1,Linear all=15.000000
2014-10-22 20:12:37.380 filters & delay LH2:3@1,Linear all=15.000000
2014-10-22 20:12:37.380 filters & delay LDH:4@1,Linear all=15.000000
2014-10-22 20:12:37.380 [2014-10-22 08:08:01.999998] continuity found: 17215391
467280482.000000 Q=100
2014-10-22 20:12:37.380 [2014-10-22 08:08:01.999998] restoring continuity
2014-10-22 20:12:37.380 Sending DT_OPEN
2014-10-22 20:12:37.380 Station: XX-2017
2014-10-22 20:12:37.380 Q330 Serial Number: 0100000DB18FC351
2014-10-22 20:12:37.380 AMB Serial Number: 0100000B6909DD82
2014-10-22 20:12:37.380 Seismo 1 Serial Number: 0000000000000000
2014-10-22 20:12:37.380 Seismo 2 Serial Number: 0000000000000000
2014-10-22 20:12:37.380 QAPCHP 1 Serial Number: 4643206
2014-10-22 20:12:37.380 QAPCHP 2 Serial Number: 3743050
2014-10-22 20:12:37.380 KMI Property Tag Number: 2017
2014-10-22 20:12:37.380 System Software Version: 1.146
2014-10-22 20:12:37.380 Slave Processor Version: 1.11
2014-10-22 20:12:37.380 Calibrator Type: QCAL330
2014-10-22 20:12:37.380 Calibrator Version: 1.8
2014-10-22 20:12:37.380 Auxiliary Board Type: None
2014-10-22 20:12:37.380 Clock Type: Motorola M12
2014-10-22 20:12:37.380 PLD Version: 7.9
2014-10-22 20:12:37.380 Total Hours: 69936.74
2014-10-22 20:12:37.380 Power On Hours: 34567.12
2014-10-22 20:12:37.380 Time of Last Boot: 2014-04-06 02:03:58
2014-10-22 20:12:37.380 Total Number of Boots: 120
2014-10-22 20:12:37.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-22 20:12:37.380 Total Number of Re-Syncs: 213

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2014-10-22 20:12:37.380 Status Inputs: 00000000  
 2014-10-22 20:12:37.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-22 20:12:37.380 Clock Quality: 100%  
 2014-10-22 20:12:37.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-22 20:12:37.380 Clock Phase: 0 usec. max allowed=50000  
 2014-10-22 20:12:37.380 Boom positions:  
 2014-10-22 20:12:37.380 ch1: -2 ch2: 0 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-10-22 20:12:37.380 Analog Status  
 2014-10-22 20:12:37.380 Analog Positive Supply: 5.46V  
 2014-10-22 20:12:37.380 Input Voltage: 13.20V  
 2014-10-22 20:12:37.380 System Temperature: 5C  
 2014-10-22 20:12:37.380 Main Current: 62ma  
 2014-10-22 20:12:37.380 Antenna Current: 0ma  
 2014-10-22 20:12:37.380 GPS Status  
 2014-10-22 20:12:37.380 Time: 20:12:36  
 2014-10-22 20:12:37.380 Date:  
 2014-10-22 20:12:37.380 Fix Type: 1-D  
 2014-10-22 20:12:37.380 Height:  
 2014-10-22 20:12:37.380 Latitude:  
 2014-10-22 20:12:37.380 Longitude:  
 2014-10-22 20:12:37.380 On Time: 0min  
 2014-10-22 20:12:37.380 Sat. Used: 0  
 2014-10-22 20:12:37.380 In View: 0  
 2014-10-22 20:12:37.380 Checksum Errors: 0  
 2014-10-22 20:12:37.380 Last GPS timemark: 2014-10-22 20:12:35  
 2014-10-22 20:12:37.380 PLL Status  
 2014-10-22 20:12:37.380 State: Lock  
 2014-10-22 20:12:37.380 Initial VCO: 2201.449463  
 2014-10-22 20:12:37.380 Time Error: 0.000000  
 2014-10-22 20:12:37.380 RMS VCO: 0.0000000  
 2014-10-22 20:12:37.380 Best VCO: 2201.43  
 2014-10-22 20:12:37.380 Seconds Since Track or Lock: 0.0  
 2014-10-22 20:12:37.380 Vco Control: 2202  
 2014-10-22 20:12:37.380 timing mode: external seascan  
 2014-10-22 20:12:37.380 tempco normal  
 2014-10-22 20:12:37.380 PLL update: 10s PLL lock criterion: 5us  
 2014-10-22 20:12:37.380 Pfrac: 150.00  
 2014-10-22 20:12:37.380 VCO slope: -0.0175000  
 2014-10-22 20:12:37.380 VCO intercept: 7.1100001  
 2014-10-22 20:12:37.380 km delta: 600.0000000  
 2014-10-22 20:12:37.380 Logical Port 4 Status  
 2014-10-22 20:12:37.380 Data Packets Sent: 19771353  
 2014-10-22 20:12:37.380 Flood Packets Sent: 0  
 2014-10-22 20:12:37.380 Packets Re-Sent: 31334  
 2014-10-22 20:12:37.380 Sequence Errors: 0  
 2014-10-22 20:12:37.380 Packet Buffer Used: 21807248  
 2014-10-22 20:12:37.380 Physical Port: Ethernet  
 2014-10-22 20:12:37.380 Baler Model: 14 Software Version: 2.28  
 2014-10-22 20:12:37.380 MAC Address: 00:04:FB:00:02:EA  
 2014-10-22 20:12:37.380 Disk Size: 20000669696  
 2014-10-22 20:12:37.380 Percent of 1177 data files in use: 38.4  
 2014-10-22 20:12:37.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-22 20:12:37.380 Channel Sensitivities (uV per count):  
 2014-10-22 20:12:37.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-22 20:12:37.380 Digitizer Calibration Results:  
 2014-10-22 20:12:37.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-22 20:12:37.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-22 20:12:37.380 DMU1 Software Version=10  
 2014-10-22 20:12:37.380 Supply Voltage=12.7  
 2014-10-22 20:12:37.380 Supply Current=0.41  
 2014-10-22 20:12:37.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-22 20:12:37.380 WebLink Data Maps Restored  
 2014-10-22 20:12:37.380 [2014-10-22 08:08:01.999998] sequence resumes: 17215391 to

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17215391
2014-10-22 20:12:37.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-22 20:12:36
2014-10-22 20:18:01.550 Reducing Status Polling Interval
2014-10-22 20:18:01.550 [2014-10-22 20:18:00.999998] total packets received: 45650
2014-10-22 20:18:01.550 [2014-10-22 20:18:00.999998] command timeouts: 6
2014-10-22 20:18:01.550 [2014-10-22 20:18:00.999998] out of window: 53
2014-10-22 20:18:01.550 written: HHZ-1138 HH1-1329 HH2-1361 BDH-446 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-10-22 20:18:01.550 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-25
VMZ-2 VM1-2
2014-10-22 20:18:01.550 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-22 20:18:01.550 [2014-10-22 20:18:00.999998] Done: 4417 recs. seq end:
17259190. run: 320 s
2014-10-23 08:18:57.410
2014-10-23 08:18:57.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-23 08:18:57.410 Control Port 2491 Opened
2014-10-23 08:18:57.410 Baler ready on Ethernet
2014-10-23 08:18:57.410 Power Cycled Baler Acknowledged
2014-10-23 08:18:57.410 Commands Accepted by Q330
2014-10-23 08:18:57.410 Access timeout: 300 sec
2014-10-23 08:18:57.410 Control Port 4023 Opened
2014-10-23 08:18:57.410 Data Port 4024 Opened
2014-10-23 08:18:57.410 Registered with Q330
2014-10-23 08:18:57.410 Combination Record Received
2014-10-23 08:18:57.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-23 08:18:57.410 Link Reset, starting window sequence: 22995
2014-10-23 08:18:57.410 GPS Receiver ID Received
2014-10-23 08:18:57.410 Manufacturer's Data Received, Property Tag=2017
2014-10-23 08:18:57.410 Digitizer Gain & Offsets Received
2014-10-23 08:18:57.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4417 recs.
seq end: 17259190
2014-10-23 08:18:57.410 Baler clock set to 2014-10-23 08:18:56
2014-10-23 08:18:57.410 Starting to Read DP Tokens
2014-10-23 08:18:57.410 DP Tokens loaded, size=1474 bytes
2014-10-23 08:18:57.410 Webserver advertising 192.168.200.119:5380
2014-10-23 08:18:57.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-23 08:18:57.410 filters & delay HH1:2@100,Linear all=0.320000
2014-10-23 08:18:57.410 filters & delay HH2:3@100,Linear all=0.320000
2014-10-23 08:18:57.410 filters & delay BDH:4@20,Linear all=1.650000
2014-10-23 08:18:57.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-23 08:18:57.410 filters & delay LH1:2@1,Linear all=15.000000
2014-10-23 08:18:57.410 filters & delay LH2:3@1,Linear all=15.000000
2014-10-23 08:18:57.410 filters & delay LDH:4@1,Linear all=15.000000
2014-10-23 08:18:57.410 [2014-10-22 20:18:00.999998] continuity found: 17259190
467324281.000000 Q=100
2014-10-23 08:18:57.410 [2014-10-22 20:18:00.999998] restoring continuity
2014-10-23 08:18:57.410 Sending DT_OPEN
2014-10-23 08:18:57.410 Station: XX-2017
2014-10-23 08:18:57.410 Q330 Serial Number: 0100000DB18FC351
2014-10-23 08:18:57.410 AMB Serial Number: 0100000B6909DD82
2014-10-23 08:18:57.410 Seismo 1 Serial Number: 0000000000000000
2014-10-23 08:18:57.410 Seismo 2 Serial Number: 0000000000000000
2014-10-23 08:18:57.410 QAPCHP 1 Serial Number: 4643206
2014-10-23 08:18:57.410 QAPCHP 2 Serial Number: 3743050
2014-10-23 08:18:57.410 KMI Property Tag Number: 2017
2014-10-23 08:18:57.410 System Software Version: 1.146
2014-10-23 08:18:57.410 Slave Processor Version: 1.11
2014-10-23 08:18:57.410 Calibrator Type: QCAL330
2014-10-23 08:18:57.410 Calibrator Version: 1.8
2014-10-23 08:18:57.410 Auxiliary Board Type: None
2014-10-23 08:18:57.410 Clock Type: Motorola M12
2014-10-23 08:18:57.410 PLD Version: 7.9

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2014-10-23 08:18:57.410 Total Hours: 69948.84  
 2014-10-23 08:18:57.410 Power On Hours: 34579.23  
 2014-10-23 08:18:57.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-23 08:18:57.410 Total Number of Boots: 120  
 2014-10-23 08:18:57.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-23 08:18:57.410 Total Number of Re-Syncs: 213  
 2014-10-23 08:18:57.410 Status Inputs: 00000000  
 2014-10-23 08:18:57.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-23 08:18:57.410 Clock Quality: 100%  
 2014-10-23 08:18:57.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-23 08:18:57.410 Clock Phase: 0 usec. max allowed=50000  
 2014-10-23 08:18:57.410 Boom positions:  
 2014-10-23 08:18:57.410 ch1: -2 ch2: 0 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-10-23 08:18:57.410 Analog Status  
 2014-10-23 08:18:57.410 Analog Positive Supply: 5.46V  
 2014-10-23 08:18:57.410 Input Voltage: 13.20V  
 2014-10-23 08:18:57.410 System Temperature: 5C  
 2014-10-23 08:18:57.410 Main Current: 62ma  
 2014-10-23 08:18:57.410 Antenna Current: 0ma  
 2014-10-23 08:18:57.410 GPS Status  
 2014-10-23 08:18:57.410 Time: 08:18:56  
 2014-10-23 08:18:57.410 Date:  
 2014-10-23 08:18:57.410 Fix Type: 1-D  
 2014-10-23 08:18:57.410 Height:  
 2014-10-23 08:18:57.410 Latitude:  
 2014-10-23 08:18:57.410 Longitude:  
 2014-10-23 08:18:57.410 On Time: 0min  
 2014-10-23 08:18:57.410 Sat. Used: 0  
 2014-10-23 08:18:57.410 In View: 0  
 2014-10-23 08:18:57.410 Checksum Errors: 0  
 2014-10-23 08:18:57.410 Last GPS timemark: 2014-10-23 08:18:55  
 2014-10-23 08:18:57.410 PLL Status  
 2014-10-23 08:18:57.410 State: Lock  
 2014-10-23 08:18:57.410 Initial VCO: 2201.337158  
 2014-10-23 08:18:57.410 Time Error: 0.000000  
 2014-10-23 08:18:57.410 RMS VCO: 0.0000000  
 2014-10-23 08:18:57.410 Best VCO: 2201.37  
 2014-10-23 08:18:57.410 Seconds Since Track or Lock: 0.0  
 2014-10-23 08:18:57.410 Vco Control: 2201  
 2014-10-23 08:18:57.410 timing mode: external seascan  
 2014-10-23 08:18:57.410 tempco normal  
 2014-10-23 08:18:57.410 PLL update: 10s PLL lock criterion: 5us  
 2014-10-23 08:18:57.410 VCO slope: -0.0175000  
 2014-10-23 08:18:57.410 VCO intercept: 7.1100001  
 2014-10-23 08:18:57.410 Km delta: 600.0000000  
 2014-10-23 08:18:57.410 Logical Port 4 Status  
 2014-10-23 08:18:57.410 Data Packets Sent: 19816920  
 2014-10-23 08:18:57.410 Flood Packets Sent: 0  
 2014-10-23 08:18:57.410 Packets Re-Sent: 31406  
 2014-10-23 08:18:57.410 Sequence Errors: 0  
 2014-10-23 08:18:57.410 Packet Buffer Used: 22776172  
 2014-10-23 08:18:57.410 Physical Port: Ethernet  
 2014-10-23 08:18:57.410 Baler Model: 14 Software Version: 2.28  
 2014-10-23 08:18:57.410 MAC Address: 00:04:FB:00:02:EA  
 2014-10-23 08:18:57.410 Disk Size: 20000669696  
 2014-10-23 08:18:57.410 Percent of 1177 data files in use: 38.6  
 2014-10-23 08:18:57.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-23 08:18:57.410 Channel Sensitivities (uV per count):  
 2014-10-23 08:18:57.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-23 08:18:57.410 Digitizer Calibration Results:  
 2014-10-23 08:18:57.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-23 08:18:57.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-23 08:18:57.410 DMU1 Software Version=10

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2014-10-23 08:18:57.410 Supply Voltage=12.6  
 2014-10-23 08:18:57.410 Supply Current=0.41  
 2014-10-23 08:18:57.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-23 08:18:57.410 WebLink Data Maps Restored  
 2014-10-23 08:18:57.410 [2014-10-22 20:18:00.999998] sequence resumes: 17259190 to 17259190  
 2014-10-23 08:18:57.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-23 08:18:56  
 2014-10-23 08:20:36.170 [2014-10-23 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-10-23 08:24:38.770 Reducing Status Polling Interval  
 2014-10-23 08:24:38.770 [2014-10-23 08:24:37.999998] total packets received: 53764  
 2014-10-23 08:24:38.770 [2014-10-23 08:24:37.999998] command timeouts: 6  
 2014-10-23 08:24:38.770 [2014-10-23 08:24:37.999998] out of window: 64  
 2014-10-23 08:24:38.770 written: HHZ-1179 HH1-1477 HH2-1406 BDH-450 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-23 08:24:38.770 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-29  
 VMZ-2 VM1-2  
 2014-10-23 08:24:38.770 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-10-23 08:24:38.770 [2014-10-23 08:24:37.999998] Done: 4660 recs. seq end: 17302787. run: 337 s  
 2014-10-23 20:25:32.380  
 2014-10-23 20:25:32.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-23 20:25:32.380 Control Port 2491 Opened  
 2014-10-23 20:25:32.380 Baler ready on Ethernet  
 2014-10-23 20:25:32.380 Power Cycled Baler Acknowledged  
 2014-10-23 20:25:32.380 Commands Accepted by Q330  
 2014-10-23 20:25:32.380 Access timeout: 300 sec  
 2014-10-23 20:25:32.380 Control Port 4023 Opened  
 2014-10-23 20:25:32.380 Data Port 4024 Opened  
 2014-10-23 20:25:32.380 Registered with Q330  
 2014-10-23 20:25:32.380 Combination Record Received  
 2014-10-23 20:25:32.380 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-23 20:25:32.380 Link Reset, starting window sequence: 11122  
 2014-10-23 20:25:32.380 GPS Receiver ID Received  
 2014-10-23 20:25:32.380 Manufacturer's Data Received, Property Tag=2017  
 2014-10-23 20:25:32.380 Digitizer Gain & Offsets Received  
 2014-10-23 20:25:32.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4660 recs. seq end: 17302787  
 2014-10-23 20:25:32.380 Baler clock set to 2014-10-23 20:25:31  
 2014-10-23 20:25:32.380 Starting to Read DP Tokens  
 2014-10-23 20:25:32.380 DP Tokens loaded, size=1474 bytes  
 2014-10-23 20:25:32.380 webserver advertising 192.168.200.119:5380  
 2014-10-23 20:25:32.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-23 20:25:32.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-23 20:25:32.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-23 20:25:32.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-23 20:25:32.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-23 20:25:32.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-10-23 20:25:32.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-10-23 20:25:32.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-23 20:25:32.380 [2014-10-23 08:24:37.999998] continuity found: 17302787  
 467367878.000000 Q=100  
 2014-10-23 20:25:32.380 [2014-10-23 08:24:37.999998] restoring continuity  
 2014-10-23 20:25:32.380 Sending DT\_OPEN  
 2014-10-23 20:25:32.380 Station: XX-2017  
 2014-10-23 20:25:32.380 Q330 Serial Number: 0100000DB18FC351  
 2014-10-23 20:25:32.380 AMB Serial Number: 0100000B6909DD82  
 2014-10-23 20:25:32.380 Seismo 1 Serial Number: 0000000000000000  
 2014-10-23 20:25:32.380 Seismo 2 Serial Number: 0000000000000000  
 2014-10-23 20:25:32.380 QAPCHP 1 Serial Number: 4643206  
 2014-10-23 20:25:32.380 QAPCHP 2 Serial Number: 3743050  
 2014-10-23 20:25:32.380 KMI Property Tag Number: 2017

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2014-10-23 20:25:32.380 System Software Version: 1.146  
 2014-10-23 20:25:32.380 Slave Processor Version: 1.11  
 2014-10-23 20:25:32.380 Calibrator Type: QCAL330  
 2014-10-23 20:25:32.380 Calibrator Version: 1.8  
 2014-10-23 20:25:32.380 Auxiliary Board Type: None  
 2014-10-23 20:25:32.380 Clock Type: Motorola M12  
 2014-10-23 20:25:32.380 PLD Version: 7.9  
 2014-10-23 20:25:32.380 Total Hours: 69960.95  
 2014-10-23 20:25:32.380 Power On Hours: 34591.34  
 2014-10-23 20:25:32.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-23 20:25:32.380 Total Number of Boots: 120  
 2014-10-23 20:25:32.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-23 20:25:32.380 Total Number of Re-Syncs: 213  
 2014-10-23 20:25:32.380 Status Inputs: 00000000  
 2014-10-23 20:25:32.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-23 20:25:32.380 Clock Quality: 100%  
 2014-10-23 20:25:32.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-23 20:25:32.380 Clock Phase: 0 usec. max allowed=50000  
 2014-10-23 20:25:32.380 Boom positions:  
 2014-10-23 20:25:32.380 ch1: -2 ch2: -1 ch3: 9 ch4: 20 ch5: 20 ch6: 20  
 2014-10-23 20:25:32.380 Analog Status  
 2014-10-23 20:25:32.380 Analog Positive Supply: 5.46V  
 2014-10-23 20:25:32.380 Input Voltage: 13.35V  
 2014-10-23 20:25:32.380 System Temperature: 5C  
 2014-10-23 20:25:32.380 Main Current: 61ma  
 2014-10-23 20:25:32.380 Antenna Current: 0ma  
 2014-10-23 20:25:32.380 GPS Status  
 2014-10-23 20:25:32.380 Time: 20:25:31  
 2014-10-23 20:25:32.380 Date:  
 2014-10-23 20:25:32.380 Fix Type: 1-D  
 2014-10-23 20:25:32.380 Height:  
 2014-10-23 20:25:32.380 Latitude:  
 2014-10-23 20:25:32.380 Longitude:  
 2014-10-23 20:25:32.380 On Time: 0min  
 2014-10-23 20:25:32.380 Sat. Used: 0  
 2014-10-23 20:25:32.380 In View: 0  
 2014-10-23 20:25:32.380 Checksum Errors: 0  
 2014-10-23 20:25:32.380 Last GPS timemark: 2014-10-23 20:25:30  
 2014-10-23 20:25:32.380 PLL Status  
 2014-10-23 20:25:32.380 State: Lock  
 2014-10-23 20:25:32.380 Initial VCO: 2201.005371  
 2014-10-23 20:25:32.380 Time Error: 0.000000  
 2014-10-23 20:25:32.380 RMS VCO: 0.000000  
 2014-10-23 20:25:32.380 Best VCO: 2201.00  
 2014-10-23 20:25:32.380 Seconds Since Track or Lock: 0.0  
 2014-10-23 20:25:32.380 Vco Control: 2201  
 2014-10-23 20:25:32.380 timing mode: external seascan  
 2014-10-23 20:25:32.380 tempco normal  
 2014-10-23 20:25:32.380 PLL update: 10s PLL lock criterion: 5us  
 2014-10-23 20:25:32.380 Pfrac: 150.00  
 2014-10-23 20:25:32.380 VCO slope: -0.0175000  
 2014-10-23 20:25:32.380 VCO intercept: 7.1100001  
 2014-10-23 20:25:32.380 Km delta: 600.0000000  
 2014-10-23 20:25:32.380 Logical Port 4 Status  
 2014-10-23 20:25:32.380 Data Packets Sent: 19870589  
 2014-10-23 20:25:32.380 Flood Packets Sent: 0  
 2014-10-23 20:25:32.380 Packets Re-Sent: 31482  
 2014-10-23 20:25:32.380 Sequence Errors: 0  
 2014-10-23 20:25:32.380 Packet Buffer Used: 23614472  
 2014-10-23 20:25:32.380 Physical Port: Ethernet  
 2014-10-23 20:25:32.380 Baler Model: 14 Software Version: 2.28  
 2014-10-23 20:25:32.380 MAC Address: 00:04:FB:00:02:EA  
 2014-10-23 20:25:32.380 Disk Size: 20000669696

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2014-10-23 20:25:32.380 Percent of 1177 data files in use: 38.7
2014-10-23 20:25:32.380 Channels Enabled: 1234 Preamps ON channels:
2014-10-23 20:25:32.380 Channel Sensitivities (uV per count):
2014-10-23 20:25:32.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-23 20:25:32.380 Digitizer Calibration Results:
2014-10-23 20:25:32.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-23 20:25:32.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-23 20:25:32.380 DMU1 Software Version=10
2014-10-23 20:25:32.380 Supply Voltage=12.6
2014-10-23 20:25:32.380 Supply Current=0.42
2014-10-23 20:25:32.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-23 20:25:32.380 WebLink Data Maps Restored
2014-10-23 20:25:32.380 [2014-10-23 08:24:37.999998] sequence resumes: 17302787 to
17302787
2014-10-23 20:25:32.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-23 20:25:31
2014-10-23 20:27:59.800 Reducing Status Polling Interval
2014-10-23 20:31:20.830 [2014-10-23 20:23:47.000000] total packets received: 62197
2014-10-23 20:31:20.830 [2014-10-23 20:23:47.000000] command timeouts: 6
2014-10-23 20:31:20.830 [2014-10-23 20:23:47.000000] out of window: 57
2014-10-23 20:31:20.830 written: HHZ-1229 HH1-1478 HH2-1503 BDH-449 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-10-23 20:31:20.830 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-26 LDH-33
VMZ-1 VM1-1
2014-10-23 20:31:20.830 written: VM2-1 OAC-1 LOG-3 ACE-1 OCF-1
2014-10-23 20:31:20.830 [2014-10-23 20:23:47.000000] Done: 4808 recs. seq end:
17345936. run: 345 s
2014-10-24 08:32:15.420
2014-10-24 08:32:15.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-24 08:32:15.420 Control Port 2491 Opened
2014-10-24 08:32:15.420 Baler ready on Ethernet
2014-10-24 08:32:15.420 Power Cycled Baler Acknowledged
2014-10-24 08:32:15.420 Commands Accepted by Q330
2014-10-24 08:32:15.420 Access timeout: 300 sec
2014-10-24 08:32:15.420 Control Port 4023 Opened
2014-10-24 08:32:15.420 Data Port 4024 Opened
2014-10-24 08:32:15.420 Registered with Q330
2014-10-24 08:32:15.420 Combination Record Received
2014-10-24 08:32:15.420 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-24 08:32:15.420 Link Reset, starting window sequence: 7659
2014-10-24 08:32:15.420 GPS Receiver ID Received
2014-10-24 08:32:15.420 Manufacturer's Data Received, Property Tag=2017
2014-10-24 08:32:15.420 Digitizer Gain & Offsets Received
2014-10-24 08:32:15.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4808 recs.
seq end: 17345936
2014-10-24 08:32:15.420 Baler clock set to 2014-10-24 08:32:14
2014-10-24 08:32:15.420 Starting to Read DP Tokens
2014-10-24 08:32:15.420 DP Tokens loaded, size=1474 bytes
2014-10-24 08:32:15.420 webserver advertising 192.168.200.119:5380
2014-10-24 08:32:15.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-24 08:32:15.420 filters & delay HH1:2@100,Linear all=0.320000
2014-10-24 08:32:15.420 filters & delay HH2:3@100,Linear all=0.320000
2014-10-24 08:32:15.420 filters & delay BDH:4@20,Linear all=1.650000
2014-10-24 08:32:15.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-24 08:32:15.420 filters & delay LH1:2@1,Linear all=15.000000
2014-10-24 08:32:15.420 filters & delay LH2:3@1,Linear all=15.000000
2014-10-24 08:32:15.420 filters & delay LDH:4@1,Linear all=15.000000
2014-10-24 08:32:15.420 [2014-10-23 20:23:47.000000] continuity found: 17345936
467411027.000000 Q=100
2014-10-24 08:32:15.420 [2014-10-23 20:23:47.000000] restoring continuity
2014-10-24 08:32:15.420 Sending DT_OPEN
2014-10-24 08:32:15.420 Station: XX-2017
2014-10-24 08:32:15.420 Q330 Serial Number: 0100000DB18FC351

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2014-10-24 08:32:15.420 AMB Serial Number: 0100000B6909DD82  
 2014-10-24 08:32:15.420 Seismo 2 Serial Number: 0000000000000000  
 2014-10-24 08:32:15.420 QAPCHP 1 Serial Number: 4643206  
 2014-10-24 08:32:15.420 QAPCHP 2 Serial Number: 3743050  
 2014-10-24 08:32:15.420 KMI Property Tag Number: 2017  
 2014-10-24 08:32:15.420 System Software Version: 1.146  
 2014-10-24 08:32:15.420 Slave Processor Version: 1.11  
 2014-10-24 08:32:15.420 Calibrator Type: QCAL330  
 2014-10-24 08:32:15.420 Calibrator Version: 1.8  
 2014-10-24 08:32:15.420 Auxiliary Board Type: None  
 2014-10-24 08:32:15.420 Clock Type: Motorola M12  
 2014-10-24 08:32:15.420 PLD Version: 7.9  
 2014-10-24 08:32:15.420 Total Hours: 69973.07  
 2014-10-24 08:32:15.420 Power On Hours: 34603.45  
 2014-10-24 08:32:15.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-24 08:32:15.420 Total Number of Boots: 120  
 2014-10-24 08:32:15.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-24 08:32:15.420 Total Number of Re-Syncs: 213  
 2014-10-24 08:32:15.420 Status Inputs: 00000000  
 2014-10-24 08:32:15.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-24 08:32:15.420 Clock Quality: 100%  
 2014-10-24 08:32:15.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-24 08:32:15.420 Clock Phase: 0 usec. max allowed=50000  
 2014-10-24 08:32:15.420 Boom positions:  
 2014-10-24 08:32:15.420 ch1: -2 ch2: -1 ch3: 9 ch4: 20 ch5: 20 ch6: 20  
 2014-10-24 08:32:15.420 Analog Status  
 2014-10-24 08:32:15.420 Analog Positive Supply: 5.46V  
 2014-10-24 08:32:15.420 Input Voltage: 13.20V  
 2014-10-24 08:32:15.420 System Temperature: 5C  
 2014-10-24 08:32:15.420 Main Current: 62ma  
 2014-10-24 08:32:15.420 Antenna Current: 0ma  
 2014-10-24 08:32:15.420 GPS Status  
 2014-10-24 08:32:15.420 Time: 08:32:14  
 2014-10-24 08:32:15.420 Date:  
 2014-10-24 08:32:15.420 Fix Type: 1-D  
 2014-10-24 08:32:15.420 Height:  
 2014-10-24 08:32:15.420 Latitude:  
 2014-10-24 08:32:15.420 Longitude:  
 2014-10-24 08:32:15.420 On Time: 0min  
 2014-10-24 08:32:15.420 Sat. Used: 0  
 2014-10-24 08:32:15.420 In View: 0  
 2014-10-24 08:32:15.420 Checksum Errors: 0  
 2014-10-24 08:32:15.420 Last GPS timemark: 2014-10-24 08:32:13  
 2014-10-24 08:32:15.420 PLL Status  
 2014-10-24 08:32:15.420 State: Lock  
 2014-10-24 08:32:15.420 Initial VCO: 2201.185791  
 2014-10-24 08:32:15.420 Time Error: 0.000000  
 2014-10-24 08:32:15.420 RMS VCO: 0.000000  
 2014-10-24 08:32:15.420 Best VCO: 2201.24  
 2014-10-24 08:32:15.420 Seconds Since Track or Lock: 0.0  
 2014-10-24 08:32:15.420 Vco Control: 2201  
 2014-10-24 08:32:15.420 timing mode: external seacan  
 2014-10-24 08:32:15.420 tempco normal  
 2014-10-24 08:32:15.420 PLL update: 10s PLL lock criterion: 5us  
 2014-10-24 08:32:15.420 Pfrac: 150.00  
 2014-10-24 08:32:15.420 VCO slope: -0.0175000  
 2014-10-24 08:32:15.420 VCO intercept: 7.1100001  
 2014-10-24 08:32:15.420 km delta: 600.0000000  
 2014-10-24 08:32:15.420 Logical Port 4 Status  
 2014-10-24 08:32:15.420 Data Packets Sent: 19932668  
 2014-10-24 08:32:15.420 Flood Packets Sent: 0  
 2014-10-24 08:32:15.420 Packets Re-Sent: 31559  
 2014-10-24 08:32:15.420 Sequence Errors: 0

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2014-10-24 08:32:15.420 Packet Buffer Used: 23468852
2014-10-24 08:32:15.420 Physical Port: Ethernet
2014-10-24 08:32:15.420 Baler Model: 14   Software Version: 2.28
2014-10-24 08:32:15.420 MAC Address: 00:04:FB:00:02:EA
2014-10-24 08:32:15.420 Disk Size: 20000669696
2014-10-24 08:32:15.420 Percent of 1177 data files in use: 38.7
2014-10-24 08:32:15.420 Channels Enabled: 1234   Preamps ON channels:
2014-10-24 08:32:15.420 Channel Sensitivities (uV per count):
2014-10-24 08:32:15.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-24 08:32:15.420 Digitizer Calibration Results:
2014-10-24 08:32:15.420 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-10-24 08:32:15.420 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-10-24 08:32:15.420 DMU1 Software Version=10
2014-10-24 08:32:15.420 Supply Voltage=12.7
2014-10-24 08:32:15.420 Supply Current=0.41
2014-10-24 08:32:15.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-24 08:32:15.420 webLink Data Maps Restored
2014-10-24 08:32:15.420 [2014-10-23 20:23:47.000000] sequence resumes: 17345936 to
17345936
2014-10-24 08:32:15.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-24 08:32:14
2014-10-24 08:34:02.250 [2014-10-23 23:59:59.999998] saving Configuration to Backup
Memory
2014-10-24 08:38:11.610 Reducing Status Polling Interval
2014-10-24 08:38:11.610 [2014-10-24 08:38:10.999998] total packets received: 59709
2014-10-24 08:38:11.610 [2014-10-24 08:38:10.999998] command timeouts: 6
2014-10-24 08:38:11.610 [2014-10-24 08:38:10.999998] out of window: 70
2014-10-24 08:38:11.610 written: HHZ-1201 HH1-1529 HH2-1479 BDH-457 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-24 08:38:11.610 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-33
VMZ-2 VM1-2
2014-10-24 08:38:11.610 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-24 08:38:11.610 [2014-10-24 08:38:10.999998] Done: 4821 recs. seq end:
17390000. run: 352 s
2014-10-24 20:39:05.390
2014-10-24 20:39:05.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-24 20:39:05.390 Control Port 2491 Opened
2014-10-24 20:39:05.390 Baler ready on Ethernet
2014-10-24 20:39:05.390 Power Cycled Baler Acknowledged
2014-10-24 20:39:05.390 Commands Accepted by Q330
2014-10-24 20:39:05.390 Access timeout: 300 sec
2014-10-24 20:39:05.390 Control Port 4023 Opened
2014-10-24 20:39:05.390 Data Port 4024 Opened
2014-10-24 20:39:05.390 Registered with Q330
2014-10-24 20:39:05.390 Combination Record Received
2014-10-24 20:39:05.390 window=4   Min. Timeout=10   Max. Timeout=30
2014-10-24 20:39:05.390 Link Reset, starting window sequence: 1725
2014-10-24 20:39:05.390 GPS Receiver ID Received
2014-10-24 20:39:05.390 Manufacturer's Data Received, Property Tag=2017
2014-10-24 20:39:05.390 Digitizer Gain & Offsets Received
2014-10-24 20:39:05.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4821 recs.
seq end: 17390000
2014-10-24 20:39:05.390 Baler clock set to 2014-10-24 20:39:04
2014-10-24 20:39:05.390 Starting to Read DP Tokens
2014-10-24 20:39:05.390 DP Tokens loaded, size=1474 bytes
2014-10-24 20:39:05.390 webserver advertising 192.168.200.119:5380
2014-10-24 20:39:05.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-24 20:39:05.390 filters & delay HH1:2@100,Linear all=0.320000
2014-10-24 20:39:05.390 filters & delay HH2:3@100,Linear all=0.320000
2014-10-24 20:39:05.390 filters & delay BDH:4@20,Linear all=1.650000
2014-10-24 20:39:05.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-24 20:39:05.390 filters & delay LH1:2@1,Linear all=15.000000
2014-10-24 20:39:05.390 filters & delay LH2:3@1,Linear all=15.000000

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2014-10-24 20:39:05.390 filters & delay LDH:4@1,Linear all=15.000000
2014-10-24 20:39:05.390 [2014-10-24 08:38:10.999998] continuity found: 17390000
467455091.000000 q=100
2014-10-24 20:39:05.390 [2014-10-24 08:38:10.999998] restoring continuity
2014-10-24 20:39:05.390 Sending DT_OPEN
2014-10-24 20:39:05.390 Station: XX-2017
2014-10-24 20:39:05.390 Q330 Serial Number: 0100000DB18FC351
2014-10-24 20:39:05.390 AMB Serial Number: 0100000B6909DD82
2014-10-24 20:39:05.390 Seismo 1 Serial Number: 0000000000000000
2014-10-24 20:39:05.390 Seismo 2 Serial Number: 0000000000000000
2014-10-24 20:39:05.390 QAPCHP 1 Serial Number: 4643206
2014-10-24 20:39:05.390 QAPCHP 2 Serial Number: 3743050
2014-10-24 20:39:05.390 KMI Property Tag Number: 2017
2014-10-24 20:39:05.390 System Software Version: 1.146
2014-10-24 20:39:05.390 Slave Processor Version: 1.11
2014-10-24 20:39:05.390 Calibrator Type: QCAL330
2014-10-24 20:39:05.390 Calibrator Version: 1.8
2014-10-24 20:39:05.390 Auxiliary Board Type: None
2014-10-24 20:39:05.390 Clock Type: Motorola M12
2014-10-24 20:39:05.390 PLD Version: 7.9
2014-10-24 20:39:05.390 Total Hours: 69985.18
2014-10-24 20:39:05.390 Power On Hours: 34615.56
2014-10-24 20:39:05.390 Time of Last Boot: 2014-04-06 02:03:58
2014-10-24 20:39:05.390 Total Number of Boots: 120
2014-10-24 20:39:05.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-24 20:39:05.390 Total Number of Re-Syncs: 213
2014-10-24 20:39:05.390 Status Inputs: 00000000
2014-10-24 20:39:05.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-10-24 20:39:05.390 Clock Quality: 100%
2014-10-24 20:39:05.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-24 20:39:05.390 Clock Phase: 0 usec. max allowed=50000
2014-10-24 20:39:05.390 Boom positions:
2014-10-24 20:39:05.390 ch1: -2 ch2: -1 ch3: 11 ch4: 20 ch5: 20 ch6: 20
2014-10-24 20:39:05.390 Analog Status
2014-10-24 20:39:05.390 Analog Positive Supply: 5.44v
2014-10-24 20:39:05.390 Input Voltage: 13.20V
2014-10-24 20:39:05.390 System Temperature: 5C
2014-10-24 20:39:05.390 Main Current: 63ma
2014-10-24 20:39:05.390 Antenna Current: 0ma
2014-10-24 20:39:05.390 GPS Status
2014-10-24 20:39:05.390 Time: 20:39:04
2014-10-24 20:39:05.390 Date:
2014-10-24 20:39:05.390 Fix Type: 1-D
2014-10-24 20:39:05.390 Height:
2014-10-24 20:39:05.390 Latitude:
2014-10-24 20:39:05.390 Longitude:
2014-10-24 20:39:05.390 On Time: 0min
2014-10-24 20:39:05.390 Sat. Used: 0
2014-10-24 20:39:05.390 In View: 0
2014-10-24 20:39:05.390 Checksum Errors: 0
2014-10-24 20:39:05.390 Last GPS timemark: 2014-10-24 20:39:03
2014-10-24 20:39:05.390 PLL Status
2014-10-24 20:39:05.390 State: Lock
2014-10-24 20:39:05.390 Initial VCO: 2201.422119
2014-10-24 20:39:05.390 Time Error: 0.000000
2014-10-24 20:39:05.390 RMS VCO: 0.0000000
2014-10-24 20:39:05.390 Best VCO: 2201.37
2014-10-24 20:39:05.390 Seconds Since Track or Lock: 0.0
2014-10-24 20:39:05.390 Vco Control: 2202
2014-10-24 20:39:05.390 timing mode: external seascan
2014-10-24 20:39:05.390 tempco normal
2014-10-24 20:39:05.390 PLL update: 10s PLL lock criterion: 5us
2014-10-24 20:39:05.390 Pfrac: 150.00

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2014-10-24 20:39:05.390 VCO slope: -0.0175000  
 2014-10-24 20:39:05.390 VCO intercept: 7.1100001  
 2014-10-24 20:39:05.390 Km delta: 600.0000000  
 2014-10-24 20:39:05.390 Logical Port 4 Status  
 2014-10-24 20:39:05.390 Data Packets Sent: 19992275  
 2014-10-24 20:39:05.390 Flood Packets Sent: 0  
 2014-10-24 20:39:05.390 Packets Re-Sent: 31646  
 2014-10-24 20:39:05.390 Sequence Errors: 0  
 2014-10-24 20:39:05.390 Packet Buffer Used: 22931328  
 2014-10-24 20:39:05.390 Physical Port: Ethernet  
 2014-10-24 20:39:05.390 Baler Model: 14 Software Version: 2.28  
 2014-10-24 20:39:05.390 MAC Address: 00:04:FB:00:02:EA  
 2014-10-24 20:39:05.390 Disk Size: 20000669696  
 2014-10-24 20:39:05.390 Percent of 1177 data files in use: 38.7  
 2014-10-24 20:39:05.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-24 20:39:05.390 Channel sensitivities (uV per count):  
 2014-10-24 20:39:05.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-24 20:39:05.390 Digitizer Calibration Results:  
 2014-10-24 20:39:05.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-24 20:39:05.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-24 20:39:05.390 DMU1 Software Version=10  
 2014-10-24 20:39:05.390 Supply Voltage=12.6  
 2014-10-24 20:39:05.390 Supply Current=0.41  
 2014-10-24 20:39:05.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-24 20:39:05.390 webLink Data Maps Restored  
 2014-10-24 20:39:05.390 [2014-10-24 08:38:10.999998] sequence resumes: 17390000 to 17390000  
 2014-10-24 20:39:05.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-10-24 20:39:04  
 2014-10-24 20:44:50.480 Reducing Status Polling Interval  
 2014-10-24 20:44:50.480 [2014-10-24 20:44:49.000000] total packets received: 54365  
 2014-10-24 20:44:50.480 [2014-10-24 20:44:49.000000] out of window: 74  
 2014-10-24 20:44:50.480 written: HHZ-1188 HH1-1439 HH2-1469 BDH-452 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-10-24 20:44:50.480 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-28  
 VMZ-2 VM1-2  
 2014-10-24 20:44:50.480 written: VM2-2 LOG-2 ACE-1 OCF-1  
 2014-10-24 20:44:50.480 [2014-10-24 20:44:49.000000] Done: 4690 recs. seq end: 17433598. run: 340 s  
 2014-10-25 08:45:42.390  
 2014-10-25 08:45:42.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-25 08:45:42.390 Control Port 2491 Opened  
 2014-10-25 08:45:42.390 Baler ready on Ethernet  
 2014-10-25 08:45:42.390 Power Cycled Baler Acknowledged  
 2014-10-25 08:45:42.390 Commands Accepted by Q330  
 2014-10-25 08:45:42.390 Access timeout: 300 sec  
 2014-10-25 08:45:42.390 Control Port 4023 Opened  
 2014-10-25 08:45:42.390 Data Port 4024 Opened  
 2014-10-25 08:45:42.390 Registered with Q330  
 2014-10-25 08:45:42.390 Combination Record Received  
 2014-10-25 08:45:42.390 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-25 08:45:42.390 Link Reset, starting window sequence: 55980  
 2014-10-25 08:45:42.390 GPS Receiver ID Received  
 2014-10-25 08:45:42.390 Manufacturer's Data Received, Property Tag=2017  
 2014-10-25 08:45:42.390 Digitizer Gain & Offsets Received  
 2014-10-25 08:45:42.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4690 recs. seq end: 17433598  
 2014-10-25 08:45:42.390 Baler clock set to 2014-10-25 08:45:41  
 2014-10-25 08:45:42.390 Starting to Read DP Tokens  
 2014-10-25 08:45:42.390 DP Tokens loaded, size=1474 bytes  
 2014-10-25 08:45:42.390 webserver advertising 192.168.200.119:5380  
 2014-10-25 08:45:42.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-25 08:45:42.390 filters & delay HH1:2@100,Linear all=0.320000



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2014-10-25 08:45:42.390 filters & delay HH2:3@100,Linear all=0.320000
2014-10-25 08:45:42.390 filters & delay BDH:4@20,Linear all=1.650000
2014-10-25 08:45:42.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-25 08:45:42.390 filters & delay LH1:2@1,Linear all=15.000000
2014-10-25 08:45:42.390 filters & delay LH2:3@1,Linear all=15.000000
2014-10-25 08:45:42.390 filters & delay LDH:4@1,Linear all=15.000000
2014-10-25 08:45:42.390 [2014-10-24 20:44:49.000000] continuity found: 17433598
467498689.000000 Q=100
2014-10-25 08:45:42.390 [2014-10-24 20:44:49.000000] restoring continuity
2014-10-25 08:45:42.390 Sending DT_OPEN
2014-10-25 08:45:42.390 Station: XX-2017
2014-10-25 08:45:42.390 Q330 Serial Number: 0100000DB18FC351
2014-10-25 08:45:42.390 AMB Serial Number: 0100000B6909DD82
2014-10-25 08:45:42.390 Seismo 1 Serial Number: 0000000000000000
2014-10-25 08:45:42.390 Seismo 2 Serial Number: 0000000000000000
2014-10-25 08:45:42.390 QAPCHP 1 Serial Number: 4643206
2014-10-25 08:45:42.390 QAPCHP 2 Serial Number: 3743050
2014-10-25 08:45:42.390 KMI Property Tag Number: 2017
2014-10-25 08:45:42.390 System Software Version: 1.146
2014-10-25 08:45:42.390 Slave Processor Version: 1.11
2014-10-25 08:45:42.390 Calibrator Type: QCAL330
2014-10-25 08:45:42.390 Calibrator Version: 1.8
2014-10-25 08:45:42.390 Auxiliary Board Type: None
2014-10-25 08:45:42.390 Clock Type: Motorola M12
2014-10-25 08:45:42.390 PLD Version: 7.9
2014-10-25 08:45:42.390 Total Hours: 69997.29
2014-10-25 08:45:42.390 Power On Hours: 34627.68
2014-10-25 08:45:42.390 Time of Last Boot: 2014-04-06 02:03:58
2014-10-25 08:45:42.390 Total Number of Boots: 120
2014-10-25 08:45:42.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-25 08:45:42.390 Total Number of Re-Syncs: 213
2014-10-25 08:45:42.390 Status Inputs: 00000000
2014-10-25 08:45:42.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-10-25 08:45:42.390 Clock Quality: 100%
2014-10-25 08:45:42.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-25 08:45:42.390 Clock Phase: 0 usec. max allowed=50000
2014-10-25 08:45:42.390 Boom positions:
2014-10-25 08:45:42.390 Ch1: -2 Ch2: -1 Ch3: 12 Ch4: 20 Ch5: 20 Ch6: 20
2014-10-25 08:45:42.390 Analog Status
2014-10-25 08:45:42.390 Analog Positive Supply: 5.46V
2014-10-25 08:45:42.390 Input Voltage: 13.35V
2014-10-25 08:45:42.390 System Temperature: 5C
2014-10-25 08:45:42.390 Main Current: 62ma
2014-10-25 08:45:42.390 Antenna Current: 0ma
2014-10-25 08:45:42.390 GPS Status
2014-10-25 08:45:42.390 Time: 08:45:41
2014-10-25 08:45:42.390 Date:
2014-10-25 08:45:42.390 Fix Type: 1-D
2014-10-25 08:45:42.390 Height:
2014-10-25 08:45:42.390 Latitude:
2014-10-25 08:45:42.390 Longitude:
2014-10-25 08:45:42.390 On Time: 0min
2014-10-25 08:45:42.390 Sat. Used: 0
2014-10-25 08:45:42.390 In View: 0
2014-10-25 08:45:42.390 Checksum Errors: 0
2014-10-25 08:45:42.390 Last GPS timemark: 2014-10-25 08:45:40
2014-10-25 08:45:42.390 PLL Status
2014-10-25 08:45:42.390 State: Lock
2014-10-25 08:45:42.390 Initial VCO: 2201.110840
2014-10-25 08:45:42.390 Time Error: -0.000001
2014-10-25 08:45:42.390 RMS VCO: 0.0000000
2014-10-25 08:45:42.390 Best VCO: 2201.14
2014-10-25 08:45:42.390 Seconds Since Track or Lock: 0.0

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2014-10-25 08:45:42.390 Vco Control: 2201  
 2014-10-25 08:45:42.390 timing mode: external seascan  
 2014-10-25 08:45:42.390 tempco normal  
 2014-10-25 08:45:42.390 PLL update: 10s PLL lock criterion: 5us  
 2014-10-25 08:45:42.390 Pfrac: 150.00  
 2014-10-25 08:45:42.390 VCO slope: -0.0175000  
 2014-10-25 08:45:42.390 VCO intercept: 7.1100001  
 2014-10-25 08:45:42.390 km delta: 600.0000000  
 2014-10-25 08:45:42.390 Logical Port 4 Status  
 2014-10-25 08:45:42.390 Data Packets Sent: 20046535  
 2014-10-25 08:45:42.390 Flood Packets Sent: 0  
 2014-10-25 08:45:42.390 Packets Re-Sent: 31734  
 2014-10-25 08:45:42.390 Sequence Errors: 0  
 2014-10-25 08:45:42.390 Packet Buffer Used: 22371652  
 2014-10-25 08:45:42.390 Physical Port: Ethernet  
 2014-10-25 08:45:42.390 Baler Model: 14 Software Version: 2.28  
 2014-10-25 08:45:42.390 MAC Address: 00:04:FB:00:02:EA  
 2014-10-25 08:45:42.390 Disk Size: 20000669696  
 2014-10-25 08:45:42.390 Percent of 1177 data files in use: 38.9  
 2014-10-25 08:45:42.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-25 08:45:42.390 Channel Sensitivities (uV per count):  
 2014-10-25 08:45:42.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-25 08:45:42.390 Digitizer Calibration Results:  
 2014-10-25 08:45:42.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-25 08:45:42.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-25 08:45:42.390 DMU1 Software Version=10  
 2014-10-25 08:45:42.390 Supply Voltage=12.7  
 2014-10-25 08:45:42.390 Supply Current=0.40  
 2014-10-25 08:45:42.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-25 08:45:42.390 WebLink Data Maps Restored  
 2014-10-25 08:45:42.390 [2014-10-24 20:44:49.000000] sequence resumes: 17433598 to  
 17433598  
 2014-10-25 08:45:42.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-25 08:45:41  
 2014-10-25 08:47:18.120 [2014-10-25 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-10-25 08:51:21.390 Reducing Status Polling Interval  
 2014-10-25 08:51:21.390 [2014-10-25 08:51:20.999998] total packets received: 52061  
 2014-10-25 08:51:21.390 [2014-10-25 08:51:20.999998] command timeouts: 6  
 2014-10-25 08:51:21.390 [2014-10-25 08:51:20.999998] out of window: 71  
 2014-10-25 08:51:21.390 written: HHZ-1164 HH1-1406 HH2-1399 BDH-442 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-10-25 08:51:21.390 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-10-25 08:51:21.390 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-10-25 08:51:21.390 [2014-10-25 08:51:20.999998] Done: 4550 recs. seq end:  
 17477190. run: 335 s  
 2014-10-25 20:52:14.390  
 2014-10-25 20:52:14.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-25 20:52:14.390 Control Port 2491 Opened  
 2014-10-25 20:52:14.390 Baler ready on Ethernet  
 2014-10-25 20:52:14.390 Power Cycled Baler Acknowledged  
 2014-10-25 20:52:14.390 Commands Accepted by Q330  
 2014-10-25 20:52:14.390 Access timeout: 300 sec  
 2014-10-25 20:52:14.390 Control Port 4023 Opened  
 2014-10-25 20:52:14.390 Data Port 4024 Opened  
 2014-10-25 20:52:14.390 Registered with Q330  
 2014-10-25 20:52:14.390 Combination Record Received  
 2014-10-25 20:52:14.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-25 20:52:14.390 Link Reset, starting window sequence: 42398  
 2014-10-25 20:52:14.390 GPS Receiver ID Received  
 2014-10-25 20:52:14.390 Manufacturer's Data Received, Property Tag=2017  
 2014-10-25 20:52:14.390 Digitizer Gain & Offsets Received

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2014-10-25 20:52:14.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4550 recs.
seq end: 17477190
2014-10-25 20:52:14.390 Baler clock set to 2014-10-25 20:52:13
2014-10-25 20:52:14.390 Starting to Read DP Tokens
2014-10-25 20:52:14.390 DP Tokens loaded, size=1474 bytes
2014-10-25 20:52:14.390 webserver advertising 192.168.200.119:5380
2014-10-25 20:52:14.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-25 20:52:14.390 filters & delay HH1:2@100,Linear all=0.320000
2014-10-25 20:52:14.390 filters & delay HH2:3@100,Linear all=0.320000
2014-10-25 20:52:14.390 filters & delay BDH:4@20,Linear all=1.650000
2014-10-25 20:52:14.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-25 20:52:14.390 filters & delay LH1:2@1,Linear all=15.000000
2014-10-25 20:52:14.390 filters & delay LH2:3@1,Linear all=15.000000
2014-10-25 20:52:14.390 filters & delay LDH:4@1,Linear all=15.000000
2014-10-25 20:52:14.390 [2014-10-25 08:51:20.999998] continuity found: 17477190
467542281.000000 Q=100
2014-10-25 20:52:14.390 [2014-10-25 08:51:20.999998] restoring continuity
2014-10-25 20:52:14.390 Sending DT_OPEN
2014-10-25 20:52:14.390 Station: XX-2017
2014-10-25 20:52:14.390 Q330 Serial Number: 0100000DB18FC351
2014-10-25 20:52:14.390 AMB Serial Number: 0100000B6909DD82
2014-10-25 20:52:14.390 Seismo 1 Serial Number: 0000000000000000
2014-10-25 20:52:14.390 Seismo 2 Serial Number: 0000000000000000
2014-10-25 20:52:14.390 QAPCHP 1 Serial Number: 4643206
2014-10-25 20:52:14.390 QAPCHP 2 Serial Number: 3743050
2014-10-25 20:52:14.390 KMI Property Tag Number: 2017
2014-10-25 20:52:14.390 System Software Version: 1.146
2014-10-25 20:52:14.390 Slave Processor Version: 1.11
2014-10-25 20:52:14.390 Calibrator Type: QCAL330
2014-10-25 20:52:14.390 Calibrator Version: 1.8
2014-10-25 20:52:14.390 Auxiliary Board Type: None
2014-10-25 20:52:14.390 Clock Type: Motorola M12
2014-10-25 20:52:14.390 PLD Version: 7.9
2014-10-25 20:52:14.390 Total Hours: 70009.40
2014-10-25 20:52:14.390 Power On Hours: 34639.78
2014-10-25 20:52:14.390 Time of Last Boot: 2014-04-06 02:03:58
2014-10-25 20:52:14.390 Total Number of Boots: 120
2014-10-25 20:52:14.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-25 20:52:14.390 Total Number of Re-Syncs: 213
2014-10-25 20:52:14.390 Status Inputs: 00000000
2014-10-25 20:52:14.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-25 20:52:14.390 Clock Quality: 100%
2014-10-25 20:52:14.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-25 20:52:14.390 Clock Phase: 0 usec. max allowed=50000
2014-10-25 20:52:14.390 Boom positions:
2014-10-25 20:52:14.390 ch1: -2 ch2: -1 ch3: 12 ch4: 20 ch5: 20 ch6: 20
2014-10-25 20:52:14.390 Analog Status
2014-10-25 20:52:14.390 Analog Positive Supply: 5.46V
2014-10-25 20:52:14.390 Input Voltage: 13.20V
2014-10-25 20:52:14.390 System Temperature: 5C
2014-10-25 20:52:14.390 Main Current: 62ma
2014-10-25 20:52:14.390 Antenna Current: 0ma
2014-10-25 20:52:14.390 GPS Status
2014-10-25 20:52:14.390 Time: 20:52:13
2014-10-25 20:52:14.390 Date:
2014-10-25 20:52:14.390 Fix Type: 1-D
2014-10-25 20:52:14.390 Latitude:
2014-10-25 20:52:14.390 Longitude:
2014-10-25 20:52:14.390 On Time: 0min
2014-10-25 20:52:14.390 Sat. Used: 0
2014-10-25 20:52:14.390 In View: 0
2014-10-25 20:52:14.390 Checksum Errors: 0
2014-10-25 20:52:14.390 Last GPS timemark: 2014-10-25 20:52:12

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2014-10-25 20:52:14.390 PLL Status
2014-10-25 20:52:14.390 State: Lock
2014-10-25 20:52:14.390 Initial VCO: 2201.053467
2014-10-25 20:52:14.390 Time Error: 0.000000
2014-10-25 20:52:14.390 RMS VCO: 0.0000000
2014-10-25 20:52:14.390 Best VCO: 2200.90
2014-10-25 20:52:14.390 Seconds Since Track or Lock: 0.0
2014-10-25 20:52:14.390 Vco Control: 2201
2014-10-25 20:52:14.390 timing mode: external seascan
2014-10-25 20:52:14.390 tempco normal
2014-10-25 20:52:14.390 PLL update: 10s PLL lock criterion: 5us
2014-10-25 20:52:14.390 Pfrac: 150.00
2014-10-25 20:52:14.390 VCO slope: -0.0175000
2014-10-25 20:52:14.390 VCO intercept: 7.1100001
2014-10-25 20:52:14.390 km delta: 600.0000000
2014-10-25 20:52:14.390 Logical Port 4 Status
2014-10-25 20:52:14.390 Data Packets Sent: 20098494
2014-10-25 20:52:14.390 Flood Packets Sent: 0
2014-10-25 20:52:14.390 Packets Re-Sent: 31818
2014-10-25 20:52:14.390 Sequence Errors: 0
2014-10-25 20:52:14.390 Packet Buffer Used: 22063572
2014-10-25 20:52:14.390 Physical Port: Ethernet
2014-10-25 20:52:14.390 Baler Model: 14 Software Version: 2.28
2014-10-25 20:52:14.390 MAC Address: 00:04:FB:00:02:EA
2014-10-25 20:52:14.390 Disk Size: 20000669696
2014-10-25 20:52:14.390 Percent of 1177 data files in use: 38.9
2014-10-25 20:52:14.390 Channels Enabled: 1234 Preamps ON channels:
2014-10-25 20:52:14.390 Channel Sensitivities (uV per count):
2014-10-25 20:52:14.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-25 20:52:14.390 Digitizer Calibration Results:
2014-10-25 20:52:14.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-25 20:52:14.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-25 20:52:14.390 DMU1 Software Version=10
2014-10-25 20:52:14.390 Supply Voltage=12.6
2014-10-25 20:52:14.390 Supply Current=0.41
2014-10-25 20:52:14.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-25 20:52:14.390 webLink Data Maps Restored
2014-10-25 20:52:14.390 [2014-10-25 08:51:20.999998] sequence resumes: 17477190 to
17477190
2014-10-25 20:52:14.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-25 20:52:13
2014-10-25 20:57:44.220 [2014-10-25 20:57:43.000000] total packets received: 49760
2014-10-25 20:57:44.220 [2014-10-25 20:57:43.000000] command timeouts: 6
2014-10-25 20:57:44.220 [2014-10-25 20:57:43.000000] out of window: 61
2014-10-25 20:57:44.220 written: HHZ-1168 HH1-1394 HH2-1342 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-25 20:57:44.220 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-10-25 20:57:44.220 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-25 20:57:44.220 [2014-10-25 20:57:43.000000] Done: 4477 recs. seq end:
17520772. run: 325 s
2014-10-26 08:58:39.360
2014-10-26 08:58:39.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-26 08:58:39.360 Control Port 2491 Opened
2014-10-26 08:58:39.360 Baler ready on Ethernet
2014-10-26 08:58:39.360 Power Cycled Baler Acknowledged
2014-10-26 08:58:39.360 Commands Accepted by Q330
2014-10-26 08:58:39.360 Access timeout: 300 sec
2014-10-26 08:58:39.360 Control Port 4023 Opened
2014-10-26 08:58:39.360 Data Port 4024 Opened
2014-10-26 08:58:39.360 Registered with Q330
2014-10-26 08:58:39.360 Combination Record Received
2014-10-26 08:58:39.360 window=4 Min. Timeout=10 Max. Timeout=30

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2014-10-26 08:58:39.360 Link Reset, starting window sequence: 26526  
 2014-10-26 08:58:39.360 GPS Receiver ID Received  
 2014-10-26 08:58:39.360 Manufacturer's Data Received, Property Tag=2017  
 2014-10-26 08:58:39.360 Digitizer Gain & Offsets Received  
 2014-10-26 08:58:39.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4477 recs.  
 seq end: 17520772  
 2014-10-26 08:58:39.360 Baler clock set to 2014-10-26 08:58:38  
 2014-10-26 08:58:39.360 Starting to Read DP Tokens  
 2014-10-26 08:58:39.360 DP Tokens loaded, size=1474 bytes  
 2014-10-26 08:58:39.360 webserver advertising 192.168.200.119:5380  
 2014-10-26 08:58:39.360 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-26 08:58:39.360 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-26 08:58:39.360 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-26 08:58:39.360 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-26 08:58:39.360 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-26 08:58:39.360 filters & delay LH1:2@1,Linear all=15.000000  
 2014-10-26 08:58:39.360 filters & delay LH2:3@1,Linear all=15.000000  
 2014-10-26 08:58:39.360 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-26 08:58:39.360 [2014-10-25 20:57:43.000000] continuity found: 17520772  
 467585863.000000 Q=100  
 2014-10-26 08:58:39.360 [2014-10-25 20:57:43.000000] restoring continuity  
 2014-10-26 08:58:39.360 Sending DT\_OPEN  
 2014-10-26 08:58:39.360 Station: XX-2017  
 2014-10-26 08:58:39.360 Q330 Serial Number: 0100000DB18FC351  
 2014-10-26 08:58:39.360 AMB Serial Number: 0100000B6909DD82  
 2014-10-26 08:58:39.360 Seismo 1 Serial Number: 0000000000000000  
 2014-10-26 08:58:39.360 Seismo 2 Serial Number: 0000000000000000  
 2014-10-26 08:58:39.360 QAPCHP 1 Serial Number: 4643206  
 2014-10-26 08:58:39.360 QAPCHP 2 Serial Number: 3743050  
 2014-10-26 08:58:39.360 KMI Property Tag Number: 2017  
 2014-10-26 08:58:39.360 System Software Version: 1.146  
 2014-10-26 08:58:39.360 Slave Processor Version: 1.11  
 2014-10-26 08:58:39.360 Calibrator Type: QCAL330  
 2014-10-26 08:58:39.360 Calibrator Version: 1.8  
 2014-10-26 08:58:39.360 Auxiliary Board Type: None  
 2014-10-26 08:58:39.360 Clock Type: Motorola M12  
 2014-10-26 08:58:39.360 PLD Version: 7.9  
 2014-10-26 08:58:39.360 Total Hours: 70021.51  
 2014-10-26 08:58:39.360 Power On Hours: 34651.89  
 2014-10-26 08:58:39.360 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-26 08:58:39.360 Total Number of Boots: 120  
 2014-10-26 08:58:39.360 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-26 08:58:39.360 Total Number of Re-Syncs: 213  
 2014-10-26 08:58:39.360 Status Inputs: 00000000  
 2014-10-26 08:58:39.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-26 08:58:39.360 Clock Quality: 100%  
 2014-10-26 08:58:39.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-26 08:58:39.360 Clock Phase: 1 usec. max allowed=50000  
 2014-10-26 08:58:39.360 Boom positions:  
 2014-10-26 08:58:39.360 Ch1: -2 Ch2: -1 Ch3: 13 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-10-26 08:58:39.360 Analog Status  
 2014-10-26 08:58:39.360 Analog Positive Supply: 5.46V  
 2014-10-26 08:58:39.360 Input Voltage: 13.35V  
 2014-10-26 08:58:39.360 System Temperature: 5C  
 2014-10-26 08:58:39.360 Main Current: 62ma  
 2014-10-26 08:58:39.360 Antenna Current: 0ma  
 2014-10-26 08:58:39.360 GPS Status  
 2014-10-26 08:58:39.360 Time: 08:58:38  
 2014-10-26 08:58:39.360 Date:  
 2014-10-26 08:58:39.360 Fix Type: 1-D  
 2014-10-26 08:58:39.360 Height:  
 2014-10-26 08:58:39.360 Latitude:  
 2014-10-26 08:58:39.360 Longitude:

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2014-10-26 08:58:39.360 On Time: 0min  
 2014-10-26 08:58:39.360 Sat. Used: 0  
 2014-10-26 08:58:39.360 In View: 0  
 2014-10-26 08:58:39.360 Checksum Errors: 0  
 2014-10-26 08:58:39.360 Last GPS timemark: 2014-10-26 08:58:37  
 2014-10-26 08:58:39.360 PLL Status  
 2014-10-26 08:58:39.360 State: Lock  
 2014-10-26 08:58:39.360 Initial VCO: 2201.178711  
 2014-10-26 08:58:39.360 Time Error: -0.000001  
 2014-10-26 08:58:39.360 RMS VCO: 0.000000  
 2014-10-26 08:58:39.360 Best VCO: 2201.32  
 2014-10-26 08:58:39.360 Seconds Since Track or Lock: 0.0  
 2014-10-26 08:58:39.360 Vco Control: 2202  
 2014-10-26 08:58:39.360 timing mode: external seascan  
 2014-10-26 08:58:39.360 tempco normal  
 2014-10-26 08:58:39.360 PLL update: 10s PLL lock criterion: 5us  
 2014-10-26 08:58:39.360 Pfrac: 150.00  
 2014-10-26 08:58:39.360 VCO slope: -0.0175000  
 2014-10-26 08:58:39.360 VCO intercept: 7.1100001  
 2014-10-26 08:58:39.360 Km delta: 600.0000000  
 2014-10-26 08:58:39.360 Logical Port 4 Status  
 2014-10-26 08:58:39.360 Data Packets Sent: 20148163  
 2014-10-26 08:58:39.360 Flood Packets Sent: 0  
 2014-10-26 08:58:39.360 Packets Re-Sent: 31896  
 2014-10-26 08:58:39.360 Sequence Errors: 0  
 2014-10-26 08:58:39.360 Packet Buffer Used: 21269476  
 2014-10-26 08:58:39.360 Physical Port: Ethernet  
 2014-10-26 08:58:39.360 Baler Model: 14 Software Version: 2.28  
 2014-10-26 08:58:39.360 MAC Address: 00:04:FB:00:02:EA  
 2014-10-26 08:58:39.360 Disk Size: 20000669696  
 2014-10-26 08:58:39.360 Percent of 1177 data files in use: 39.0  
 2014-10-26 08:58:39.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-26 08:58:39.360 Channel Sensitivities (uV per count):  
 2014-10-26 08:58:39.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-26 08:58:39.360 Digitizer Calibration Results:  
 2014-10-26 08:58:39.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-26 08:58:39.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-26 08:58:39.360 DMU1 Software Version=10  
 2014-10-26 08:58:39.360 Supply Voltage=12.7  
 2014-10-26 08:58:39.360 Supply Current=0.41  
 2014-10-26 08:58:39.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-26 08:58:39.360 WebLink Data Maps Restored  
 2014-10-26 08:58:39.360 [2014-10-25 20:57:43.000000] sequence resumes: 17520772 to  
 17520772  
 2014-10-26 08:58:39.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-26 08:58:38  
 2014-10-26 08:59:56.700 [2014-10-26 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-10-26 09:03:57.440 Reducing Status Polling Interval  
 2014-10-26 09:03:57.440 [2014-10-26 09:03:56.999998] total packets received: 44676  
 2014-10-26 09:03:57.440 [2014-10-26 09:03:56.999998] command timeouts: 6  
 2014-10-26 09:03:57.440 [2014-10-26 09:03:56.999998] out of window: 56  
 2014-10-26 09:03:57.440 written: HHZ-1120 HH1-1267 HH2-1329 BDH-430 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-26 09:03:57.440 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-10-26 09:03:57.440 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-10-26 09:03:57.440 [2014-10-26 09:03:56.999998] Done: 4292 recs. seq end:  
 17564346. run: 314 s  
 2014-10-26 21:04:53.350  
 2014-10-26 21:04:53.350 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-26 21:04:53.350 Control Port 2491 Opened  
 2014-10-26 21:04:53.350 Baler ready on Ethernet

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2014-10-26 21:04:53.350 Power Cycled Baler Acknowledged
2014-10-26 21:04:53.350 Commands Accepted by Q330
2014-10-26 21:04:53.350 Access timeout: 300 sec
2014-10-26 21:04:53.350 Control Port 4023 Opened
2014-10-26 21:04:53.350 Data Port 4024 Opened
2014-10-26 21:04:53.350 Registered with Q330
2014-10-26 21:04:53.350 Combination Record Received
2014-10-26 21:04:53.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-26 21:04:53.350 Link Reset, starting window sequence: 5575
2014-10-26 21:04:53.350 GPS Receiver ID Received
2014-10-26 21:04:53.350 Manufacturer's Data Received, Property Tag=2017
2014-10-26 21:04:53.350 Digitizer Gain & Offsets Received
2014-10-26 21:04:53.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4292 recs.
seq end: 17564346
2014-10-26 21:04:53.350 Baler clock set to 2014-10-26 21:04:52
2014-10-26 21:04:53.350 Starting to Read DP Tokens
2014-10-26 21:04:53.350 DP Tokens loaded, size=1474 bytes
2014-10-26 21:04:53.350 Webserver advertising 192.168.200.119:5380
2014-10-26 21:04:53.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-26 21:04:53.350 filters & delay HH1:2@100,Linear all=0.320000
2014-10-26 21:04:53.350 filters & delay HH2:3@100,Linear all=0.320000
2014-10-26 21:04:53.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-26 21:04:53.350 filters & delay LH1:2@1,Linear all=15.000000
2014-10-26 21:04:53.350 filters & delay LH2:3@1,Linear all=15.000000
2014-10-26 21:04:53.350 filters & delay LDH:4@1,Linear all=15.000000
2014-10-26 21:04:53.350 [2014-10-26 09:03:56.999998] continuity found: 17564346
467629437.000000 Q=100
2014-10-26 21:04:53.350 [2014-10-26 09:03:56.999998] restoring continuity
2014-10-26 21:04:53.350 Sending DT_OPEN
2014-10-26 21:04:53.350 Station: XX-2017
2014-10-26 21:04:53.350 Q330 Serial Number: 0100000DB18FC351
2014-10-26 21:04:53.350 AMB Serial Number: 0100000B6909DD82
2014-10-26 21:04:53.350 Seismo 1 Serial Number: 0000000000000000
2014-10-26 21:04:53.350 Seismo 2 Serial Number: 0000000000000000
2014-10-26 21:04:53.350 QAPCHP 1 Serial Number: 4643206
2014-10-26 21:04:53.350 QAPCHP 2 Serial Number: 3743050
2014-10-26 21:04:53.350 KMI Property Tag Number: 2017
2014-10-26 21:04:53.350 System Software Version: 1.146
2014-10-26 21:04:53.350 Slave Processor Version: 1.11
2014-10-26 21:04:53.350 Calibrator Type: QCAL330
2014-10-26 21:04:53.350 Calibrator Version: 1.8
2014-10-26 21:04:53.350 Auxiliary Board Type: None
2014-10-26 21:04:53.350 Clock Type: Motorola M12
2014-10-26 21:04:53.350 PLD Version: 7.9
2014-10-26 21:04:53.350 Total Hours: 70033.61
2014-10-26 21:04:53.350 Power On Hours: 34664.00
2014-10-26 21:04:53.350 Time of Last Boot: 2014-04-06 02:03:58
2014-10-26 21:04:53.350 Total Number of Boots: 120
2014-10-26 21:04:53.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-26 21:04:53.350 Total Number of Re-Syncs: 213
2014-10-26 21:04:53.350 Status Inputs: 00000000
2014-10-26 21:04:53.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-26 21:04:53.350 Clock Quality: 100%
2014-10-26 21:04:53.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-26 21:04:53.350 Clock Phase: 0 usec. max allowed=50000
2014-10-26 21:04:53.350 Boom positions:
2014-10-26 21:04:53.350 ch1: -2 ch2: -1 ch3: 13 ch4: 20 ch5: 20 ch6: 20
2014-10-26 21:04:53.350 Analog Status
2014-10-26 21:04:53.350 Analog Positive Supply: 5.46V
2014-10-26 21:04:53.350 Input Voltage: 13.35V
2014-10-26 21:04:53.350 System Temperature: 5C
2014-10-26 21:04:53.350 Main Current: 63ma
2014-10-26 21:04:53.350 Antenna Current: 0ma

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2014-10-26 21:04:53.350 GPS Status  
 2014-10-26 21:04:53.350 Time: 21:04:52  
 2014-10-26 21:04:53.350 Date:  
 2014-10-26 21:04:53.350 Fix Type: 1-D  
 2014-10-26 21:04:53.350 Height:  
 2014-10-26 21:04:53.350 Latitude:  
 2014-10-26 21:04:53.350 Longitude:  
 2014-10-26 21:04:53.350 On Time: 0min  
 2014-10-26 21:04:53.350 Sat. Used: 0  
 2014-10-26 21:04:53.350 In View: 0  
 2014-10-26 21:04:53.350 Checksum Errors: 0  
 2014-10-26 21:04:53.350 Last GPS timemark: 2014-10-26 21:04:51  
 2014-10-26 21:04:53.350 PLL Status  
 2014-10-26 21:04:53.350 State: Lock  
 2014-10-26 21:04:53.350 Initial VCO: 2201.070313  
 2014-10-26 21:04:53.350 Time Error: 0.000000  
 2014-10-26 21:04:53.350 RMS VCO: 0.0000000  
 2014-10-26 21:04:53.350 Best VCO: 2201.13  
 2014-10-26 21:04:53.350 Seconds Since Track or Lock: 0.0  
 2014-10-26 21:04:53.350 Vco Control: 2201  
 2014-10-26 21:04:53.350 timing mode: external seascan  
 2014-10-26 21:04:53.350 tempco normal  
 2014-10-26 21:04:53.350 PLL update: 10s PLL lock criterion: 5us  
 2014-10-26 21:04:53.350 Pfrac: 150.00  
 2014-10-26 21:04:53.350 VCO slope: -0.0175000  
 2014-10-26 21:04:53.350 VCO intercept: 7.1100001  
 2014-10-26 21:04:53.350 km delta: 600.0000000  
 2014-10-26 21:04:53.350 Logical Port 4 Status  
 2014-10-26 21:04:53.350 Data Packets Sent: 20192753  
 2014-10-26 21:04:53.350 Flood Packets Sent: 0  
 2014-10-26 21:04:53.350 Packets Re-Sent: 31967  
 2014-10-26 21:04:53.350 Sequence Errors: 0  
 2014-10-26 21:04:53.350 Packet Buffer Used: 21834168  
 2014-10-26 21:04:53.350 Physical Port: Ethernet  
 2014-10-26 21:04:53.350 Baler Model: 14 Software Version: 2.28  
 2014-10-26 21:04:53.350 MAC Address: 00:04:FB:00:02:EA  
 2014-10-26 21:04:53.350 Disk Size: 20000669696  
 2014-10-26 21:04:53.350 Percent of 1177 data files in use: 39.2  
 2014-10-26 21:04:53.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-26 21:04:53.350 Channel Sensitivities (uV per count):  
 2014-10-26 21:04:53.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-26 21:04:53.350 Digitizer Calibration Results:  
 2014-10-26 21:04:53.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-26 21:04:53.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-26 21:04:53.350 DMU1 Software Version=10  
 2014-10-26 21:04:53.350 Supply Voltage=12.7  
 2014-10-26 21:04:53.350 Supply Current=0.41  
 2014-10-26 21:04:53.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-26 21:04:53.350 webLink Data Maps Restored  
 2014-10-26 21:04:53.350 [2014-10-26 09:03:56.999998] sequence resumes: 17564346 to  
 17564346  
 2014-10-26 21:04:53.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-26 21:04:52  
 2014-10-26 21:10:21.800 Reducing Status Polling Interval  
 2014-10-26 21:10:21.800 [2014-10-26 21:10:20.999998] total packets received: 49234  
 2014-10-26 21:10:21.800 [2014-10-26 21:10:20.999998] command timeouts: 6  
 2014-10-26 21:10:21.800 [2014-10-26 21:10:20.999998] out of window: 62  
 2014-10-26 21:10:21.800 written: HHZ-1150 HH1-1346 HH2-1347 BDH-439 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-10-26 21:10:21.800 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-10-26 21:10:21.800 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-10-26 21:10:21.800 [2014-10-26 21:10:20.999998] Done: 4417 recs. seq end:



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17607930. run: 324 s
2014-10-27 09:11:14.370
2014-10-27 09:11:14.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-27 09:11:14.370 Control Port 2491 Opened
2014-10-27 09:11:14.370 Baler ready on Ethernet
2014-10-27 09:11:14.370 Power Cycled Baler Acknowledged
2014-10-27 09:11:14.370 Commands Accepted by Q330
2014-10-27 09:11:14.370 Access timeout: 300 sec
2014-10-27 09:11:14.370 Control Port 4023 Opened
2014-10-27 09:11:14.370 Data Port 4024 Opened
2014-10-27 09:11:14.370 Registered with Q330
2014-10-27 09:11:14.370 Combination Record Received
2014-10-27 09:11:14.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-27 09:11:14.370 Link Reset, starting window sequence: 54712
2014-10-27 09:11:14.370 GPS Receiver ID Received
2014-10-27 09:11:14.370 Manufacturer's Data Received, Property Tag=2017
2014-10-27 09:11:14.370 Digitizer Gain & Offsets Received
2014-10-27 09:11:14.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4417 recs.
seq end: 17607930
2014-10-27 09:11:14.370 Baler clock set to 2014-10-27 09:11:13
2014-10-27 09:11:14.370 Starting to Read DP Tokens
2014-10-27 09:11:14.370 DP Tokens loaded, size=1474 bytes
2014-10-27 09:11:14.370 webserver advertising 192.168.200.119:5380
2014-10-27 09:11:14.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-27 09:11:14.370 filters & delay HH1:2@100,Linear all=0.320000
2014-10-27 09:11:14.370 filters & delay HH2:3@100,Linear all=0.320000
2014-10-27 09:11:14.370 filters & delay BDH:4@20,Linear all=1.650000
2014-10-27 09:11:14.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-27 09:11:14.370 filters & delay LH1:2@1,Linear all=15.000000
2014-10-27 09:11:14.370 filters & delay LH2:3@1,Linear all=15.000000
2014-10-27 09:11:14.370 filters & delay LDH:4@1,Linear all=15.000000
2014-10-27 09:11:14.370 [2014-10-26 21:10:20.999998] continuity found: 17607930
467673021.000000 Q=100
2014-10-27 09:11:14.370 [2014-10-26 21:10:20.999998] restoring continuity
2014-10-27 09:11:14.370 Sending DT_OPEN
2014-10-27 09:11:14.370 Station: XX-2017
2014-10-27 09:11:14.370 Q330 Serial Number: 0100000DB18FC351
2014-10-27 09:11:14.370 AMB Serial Number: 0100000B6909DD82
2014-10-27 09:11:14.370 Seismo 1 Serial Number: 0000000000000000
2014-10-27 09:11:14.370 Seismo 2 Serial Number: 0000000000000000
2014-10-27 09:11:14.370 QAPCHP 1 Serial Number: 4643206
2014-10-27 09:11:14.370 QAPCHP 2 Serial Number: 3743050
2014-10-27 09:11:14.370 KMI Property Tag Number: 2017
2014-10-27 09:11:14.370 System Software Version: 1.146
2014-10-27 09:11:14.370 Slave Processor Version: 1.11
2014-10-27 09:11:14.370 Calibrator Type: QCAL330
2014-10-27 09:11:14.370 Calibrator Version: 1.8
2014-10-27 09:11:14.370 Auxiliary Board Type: None
2014-10-27 09:11:14.370 Clock Type: Motorola M12
2014-10-27 09:11:14.370 PLD Version: 7.9
2014-10-27 09:11:14.370 Total Hours: 70045.72
2014-10-27 09:11:14.370 Power On Hours: 34676.10
2014-10-27 09:11:14.370 Time of Last Boot: 2014-04-06 02:03:58
2014-10-27 09:11:14.370 Total Number of Boots: 120
2014-10-27 09:11:14.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-27 09:11:14.370 Total Number of Re-Syncs: 213
2014-10-27 09:11:14.370 Status Inputs: 00000000
2014-10-27 09:11:14.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-27 09:11:14.370 Clock Quality: 100%
2014-10-27 09:11:14.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-27 09:11:14.370 Clock Phase: 0 usec. max allowed=50000
2014-10-27 09:11:14.370 Boom positions:
2014-10-27 09:11:14.370 ch1: -2 ch2: -1 ch3: 13 ch4: 20 ch5: 20 ch6: 20

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2014-10-27 09:11:14.370 Analog Status
2014-10-27 09:11:14.370 Analog Positive Supply: 5.46v
2014-10-27 09:11:14.370 Input Voltage: 13.35v
2014-10-27 09:11:14.370 System Temperature: 5C
2014-10-27 09:11:14.370 Main Current: 62ma
2014-10-27 09:11:14.370 Antenna Current: 0ma
2014-10-27 09:11:14.370 GPS Status
2014-10-27 09:11:14.370 Time: 09:11:12
2014-10-27 09:11:14.370 Date:
2014-10-27 09:11:14.370 Fix Type: 1-D
2014-10-27 09:11:14.370 Height:
2014-10-27 09:11:14.370 Latitude:
2014-10-27 09:11:14.370 Longitude:
2014-10-27 09:11:14.370 On Time: 0min
2014-10-27 09:11:14.370 Sat. Used: 0
2014-10-27 09:11:14.370 In View: 0
2014-10-27 09:11:14.370 Checksum Errors: 0
2014-10-27 09:11:14.370 Last GPS timemark: 2014-10-27 09:11:11
2014-10-27 09:11:14.370 PLL Status
2014-10-27 09:11:14.370 State: Lock
2014-10-27 09:11:14.370 Initial VCO: 2200.827637
2014-10-27 09:11:14.370 Time Error: 0.000000
2014-10-27 09:11:14.370 RMS VCO: 0.0000000
2014-10-27 09:11:14.370 Best VCO: 2200.79
2014-10-27 09:11:14.370 Seconds Since Track or Lock: 0.0
2014-10-27 09:11:14.370 Vco Control: 2201
2014-10-27 09:11:14.370 timing mode: external seascan
2014-10-27 09:11:14.370 tempco normal
2014-10-27 09:11:14.370 PLL update: 10s PLL lock criterion: 5us
2014-10-27 09:11:14.370 Pfrac: 150.00
2014-10-27 09:11:14.370 VCO slope: -0.0175000
2014-10-27 09:11:14.370 VCO intercept: 7.1100001
2014-10-27 09:11:14.370 km delta: 600.0000000
2014-10-27 09:11:14.370 Logical Port 4 Status
2014-10-27 09:11:14.370 Data Packets Sent: 20241895
2014-10-27 09:11:14.370 Flood Packets Sent: 0
2014-10-27 09:11:14.370 Packets Re-Sent: 32043
2014-10-27 09:11:14.370 Sequence Errors: 0
2014-10-27 09:11:14.370 Packet Buffer Used: 21948908
2014-10-27 09:11:14.370 Physical Port: Ethernet
2014-10-27 09:11:14.370 Baler Model: 14 Software Version: 2.28
2014-10-27 09:11:14.370 MAC Address: 00:04:FB:00:02:EA
2014-10-27 09:11:14.370 Disk Size: 20000669696
2014-10-27 09:11:14.370 Percent of 1177 data files in use: 39.3
2014-10-27 09:11:14.370 Channels Enabled: 1234 Preamps ON channels:
2014-10-27 09:11:14.370 Channel Sensitivities (uV per count):
2014-10-27 09:11:14.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-27 09:11:14.370 Digitizer Calibration Results:
2014-10-27 09:11:14.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-27 09:11:14.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-27 09:11:14.370 Supply Voltage=12.7
2014-10-27 09:11:14.370 Supply Current=0.41
2014-10-27 09:11:14.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-27 09:11:14.370 webLink Data Maps Restored
2014-10-27 09:11:14.370 [2014-10-26 21:10:20.999998] sequence resumes: 17607930 to
17607930
2014-10-27 09:11:14.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-27 09:11:13
2014-10-27 09:12:33.520 [2014-10-27 00:00:00.000000] Saving Configuration to Backup
Memory
2014-10-27 09:16:52.110 Reducing Status Polling Interval
2014-10-27 09:16:52.110 [2014-10-27 09:16:50.999998] total packets received: 46516
2014-10-27 09:16:52.110 [2014-10-27 09:16:50.999998] command timeouts: 6

```

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2014-10-27 09:16:52.110 [2014-10-27 09:16:50.999998] out of window: 84
2014-10-27 09:16:52.110 written: HHZ-1172 HH1-1326 HH2-1367 BDH-443 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-10-27 09:16:52.110 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-10-27 09:16:52.110 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-10-27 09:16:52.110 [2014-10-27 09:16:50.999998] Done: 4450 recs. seq end:
17651520. run: 332 s
2014-10-27 21:17:42.420
2014-10-27 21:17:42.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-27 21:17:42.420 Control Port 2491 Opened
2014-10-27 21:17:42.420 Baler ready on Ethernet
2014-10-27 21:17:42.420 Power Cycled Baler Acknowledged
2014-10-27 21:17:42.420 Commands Accepted by Q330
2014-10-27 21:17:42.420 Access timeout: 300 sec
2014-10-27 21:17:42.420 Control Port 4023 Opened
2014-10-27 21:17:42.420 Data Port 4024 Opened
2014-10-27 21:17:42.420 Registered with Q330
2014-10-27 21:17:42.420 Combination Record Received
2014-10-27 21:17:42.420 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-27 21:17:42.420 Link Reset, starting window sequence: 35572
2014-10-27 21:17:42.420 GPS Receiver ID Received
2014-10-27 21:17:42.420 Manufacturer's Data Received, Property Tag=2017
2014-10-27 21:17:42.420 Digitizer Gain & Offsets Received
2014-10-27 21:17:42.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4450 recs.
seq end: 17651520
2014-10-27 21:17:42.420 Baler clock set to 2014-10-27 21:17:41
2014-10-27 21:17:42.420 Starting to Read DP Tokens
2014-10-27 21:17:42.420 DP Tokens loaded, size=1474 bytes
2014-10-27 21:17:42.420 Webserver advertising 192.168.200.119:5380
2014-10-27 21:17:42.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-27 21:17:42.420 filters & delay HH1:2@100,Linear all=0.320000
2014-10-27 21:17:42.420 filters & delay HH2:3@100,Linear all=0.320000
2014-10-27 21:17:42.420 filters & delay BDH:4@20,Linear all=1.650000
2014-10-27 21:17:42.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-27 21:17:42.420 filters & delay LH1:2@1,Linear all=15.000000
2014-10-27 21:17:42.420 filters & delay LH2:3@1,Linear all=15.000000
2014-10-27 21:17:42.420 filters & delay LDH:4@1,Linear all=15.000000
2014-10-27 21:17:42.420 [2014-10-27 09:16:50.999998] continuity found: 17651520
467716611.000000 Q=100
2014-10-27 21:17:42.420 [2014-10-27 09:16:50.999998] restoring continuity
2014-10-27 21:17:42.420 Sending DT_OPEN
2014-10-27 21:17:42.420 Station: XX-2017
2014-10-27 21:17:42.420 Q330 Serial Number: 0100000DB18FC351
2014-10-27 21:17:42.420 AMB Serial Number: 0100000B6909DD82
2014-10-27 21:17:42.420 Seismo 1 Serial Number: 0000000000000000
2014-10-27 21:17:42.420 Seismo 2 Serial Number: 0000000000000000
2014-10-27 21:17:42.420 QAPCHP 1 Serial Number: 4643206
2014-10-27 21:17:42.420 QAPCHP 2 Serial Number: 3743050
2014-10-27 21:17:42.420 KMI Property Tag Number: 2017
2014-10-27 21:17:42.420 System Software Version: 1.146
2014-10-27 21:17:42.420 Slave Processor Version: 1.11
2014-10-27 21:17:42.420 Calibrator Type: QCAL330
2014-10-27 21:17:42.420 Calibrator Version: 1.8
2014-10-27 21:17:42.420 Auxiliary Board Type: None
2014-10-27 21:17:42.420 Clock Type: Motorola M12
2014-10-27 21:17:42.420 PLD Version: 7.9
2014-10-27 21:17:42.420 Total Hours: 70057.82
2014-10-27 21:17:42.420 Power On Hours: 34688.21
2014-10-27 21:17:42.420 Time of Last Boot: 2014-04-06 02:03:58
2014-10-27 21:17:42.420 Total Number of Boots: 120
2014-10-27 21:17:42.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-27 21:17:42.420 Total Number of Re-Syncs: 213

```

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2014-10-27 21:17:42.420 Status Inputs: 00000000  
 2014-10-27 21:17:42.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-27 21:17:42.420 Clock Quality: 100%  
 2014-10-27 21:17:42.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-27 21:17:42.420 Clock Phase: 0 usec. max allowed=50000  
 2014-10-27 21:17:42.420 Boom positions:  
 2014-10-27 21:17:42.420 Ch1: -2 ch2: -1 ch3: 15 ch4: 20 ch5: 20 ch6: 20  
 2014-10-27 21:17:42.420 Analog Status  
 2014-10-27 21:17:42.420 Analog Positive Supply: 5.46V  
 2014-10-27 21:17:42.420 Input Voltage: 13.35V  
 2014-10-27 21:17:42.420 System Temperature: 5C  
 2014-10-27 21:17:42.420 Main Current: 61ma  
 2014-10-27 21:17:42.420 Antenna Current: 0ma  
 2014-10-27 21:17:42.420 GPS Status  
 2014-10-27 21:17:42.420 Time: 21:17:41  
 2014-10-27 21:17:42.420 Date:  
 2014-10-27 21:17:42.420 Fix Type: 1-D  
 2014-10-27 21:17:42.420 Height:  
 2014-10-27 21:17:42.420 Latitude:  
 2014-10-27 21:17:42.420 Longitude:  
 2014-10-27 21:17:42.420 On Time: 0min  
 2014-10-27 21:17:42.420 Sat. Used: 0  
 2014-10-27 21:17:42.420 In View: 0  
 2014-10-27 21:17:42.420 Checksum Errors: 0  
 2014-10-27 21:17:42.420 Last GPS timemark: 2014-10-27 21:17:40  
 2014-10-27 21:17:42.420 PLL Status  
 2014-10-27 21:17:42.420 State: Lock  
 2014-10-27 21:17:42.420 Initial VCO: 2200.831543  
 2014-10-27 21:17:42.420 Time Error: 0.000000  
 2014-10-27 21:17:42.420 RMS VCO: 0.0000000  
 2014-10-27 21:17:42.420 Best VCO: 2200.83  
 2014-10-27 21:17:42.420 Seconds Since Track or Lock: 0.0  
 2014-10-27 21:17:42.420 Vco Control: 2201  
 2014-10-27 21:17:42.420 timing mode: external seascan  
 2014-10-27 21:17:42.420 tempco normal  
 2014-10-27 21:17:42.420 PLL update: 10s PLL lock criterion: 5us  
 2014-10-27 21:17:42.420 Pfrac: 150.00  
 2014-10-27 21:17:42.420 VCO slope: -0.0175000  
 2014-10-27 21:17:42.420 VCO intercept: 7.1100001  
 2014-10-27 21:17:42.420 Km delta: 600.0000000  
 2014-10-27 21:17:42.420 Logical Port 4 Status  
 2014-10-27 21:17:42.420 Data Packets Sent: 20288296  
 2014-10-27 21:17:42.420 Flood Packets Sent: 0  
 2014-10-27 21:17:42.420 Packets Re-Sent: 32137  
 2014-10-27 21:17:42.420 Sequence Errors: 0  
 2014-10-27 21:17:42.420 Packet Buffer Used: 21569008  
 2014-10-27 21:17:42.420 Physical Port: Ethernet  
 2014-10-27 21:17:42.420 Baler Model: 14 Software Version: 2.28  
 2014-10-27 21:17:42.420 MAC Address: 00:04:FB:00:02:EA  
 2014-10-27 21:17:42.420 Disk Size: 20000669696  
 2014-10-27 21:17:42.420 Percent of 1177 data files in use: 39.3  
 2014-10-27 21:17:42.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-27 21:17:42.420 Channel Sensitivities (uV per count):  
 2014-10-27 21:17:42.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-27 21:17:42.420 Digitizer Calibration Results:  
 2014-10-27 21:17:42.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-27 21:17:42.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-27 21:17:42.420 DMU1 Software Version=10  
 2014-10-27 21:17:42.420 Supply Voltage=12.6  
 2014-10-27 21:17:42.420 Supply Current=0.41  
 2014-10-27 21:17:42.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-27 21:17:42.420 WebLink Data Maps Restored  
 2014-10-27 21:17:42.420 [2014-10-27 09:16:50.999998] sequence resumes: 17651520 to

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17651520
2014-10-27 21:17:42.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-27 21:17:41
2014-10-27 21:23:10.820 Reducing Status Polling Interval
2014-10-27 21:23:10.820 [2014-10-27 21:23:10.000000] total packets received: 47886
2014-10-27 21:23:10.820 [2014-10-27 21:23:10.000000] command timeouts: 6
2014-10-27 21:23:10.820 [2014-10-27 21:23:10.000000] out of window: 60
2014-10-27 21:23:10.820 written: HHZ-1164 HH1-1327 HH2-1300 BDH-428 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-27 21:23:10.820 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-10-27 21:23:10.820 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-27 21:23:10.820 [2014-10-27 21:23:10.000000] Done: 4363 recs. seq end:
17695099. run: 324 s
2014-10-28 09:24:02.340
2014-10-28 09:24:02.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-28 09:24:02.340 Control Port 2491 Opened
2014-10-28 09:24:02.340 Baler ready on Ethernet
2014-10-28 09:24:02.340 Power Cycled Baler Acknowledged
2014-10-28 09:24:02.340 Commands Accepted by Q330
2014-10-28 09:24:02.340 Access timeout: 300 sec
2014-10-28 09:24:02.340 Control Port 4023 Opened
2014-10-28 09:24:02.340 Data Port 4024 Opened
2014-10-28 09:24:02.340 Registered with Q330
2014-10-28 09:24:02.340 Combination Record Received
2014-10-28 09:24:02.340 window=4 Min. Timeout=10 Max. Timeout=30
2014-10-28 09:24:02.340 Link Reset, starting window sequence: 17827
2014-10-28 09:24:02.340 GPS Receiver ID Received
2014-10-28 09:24:02.340 Manufacturer's Data Received, Property Tag=2017
2014-10-28 09:24:02.340 Digitizer Gain & Offsets Received
2014-10-28 09:24:02.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4363 recs.
seq end: 17695099
2014-10-28 09:24:02.340 Baler clock set to 2014-10-28 09:24:01
2014-10-28 09:24:02.340 Starting to Read DP Tokens
2014-10-28 09:24:02.340 DP Tokens loaded, size=1474 bytes
2014-10-28 09:24:02.340 Webserver advertising 192.168.200.119:5380
2014-10-28 09:24:02.340 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-28 09:24:02.340 filters & delay HH1:2@100,Linear all=0.320000
2014-10-28 09:24:02.340 filters & delay HH2:3@100,Linear all=0.320000
2014-10-28 09:24:02.340 filters & delay BDH:4@20,Linear all=1.650000
2014-10-28 09:24:02.340 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-28 09:24:02.340 filters & delay LH1:2@1,Linear all=15.000000
2014-10-28 09:24:02.340 filters & delay LH2:3@1,Linear all=15.000000
2014-10-28 09:24:02.340 filters & delay LDH:4@1,Linear all=15.000000
2014-10-28 09:24:02.340 [2014-10-27 21:23:10.000000] continuity found: 17695099
467760190.000000 Q=100
2014-10-28 09:24:02.340 [2014-10-27 21:23:10.000000] restoring continuity
2014-10-28 09:24:02.340 Sending DT_OPEN
2014-10-28 09:24:02.340 Station: XX-2017
2014-10-28 09:24:02.340 Q330 Serial Number: 0100000DB18FC351
2014-10-28 09:24:02.340 AMB Serial Number: 0100000B6909DD82
2014-10-28 09:24:02.340 Seismo 1 Serial Number: 0000000000000000
2014-10-28 09:24:02.340 Seismo 2 Serial Number: 0000000000000000
2014-10-28 09:24:02.340 QAPCHP 1 Serial Number: 4643206
2014-10-28 09:24:02.340 QAPCHP 2 Serial Number: 3743050
2014-10-28 09:24:02.340 KMI Property Tag Number: 2017
2014-10-28 09:24:02.340 System Software Version: 1.146
2014-10-28 09:24:02.340 Slave Processor Version: 1.11
2014-10-28 09:24:02.340 Calibrator Type: QCAL330
2014-10-28 09:24:02.340 Calibrator Version: 1.8
2014-10-28 09:24:02.340 Auxiliary Board Type: None
2014-10-28 09:24:02.340 Clock Type: Motorola M12
2014-10-28 09:24:02.340 PLD Version: 7.9

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2014-10-28 09:24:02.340 Total Hours: 70069.93  
 2014-10-28 09:24:02.340 Power On Hours: 34700.32  
 2014-10-28 09:24:02.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-28 09:24:02.340 Total Number of Boots: 120  
 2014-10-28 09:24:02.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-28 09:24:02.340 Total Number of Re-Syncs: 213  
 2014-10-28 09:24:02.340 Status Inputs: 00000000  
 2014-10-28 09:24:02.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-28 09:24:02.340 Clock Quality: 100%  
 2014-10-28 09:24:02.340 Clock Phase: 0 usec. max allowed=50000  
 2014-10-28 09:24:02.340 Boom positions:  
 2014-10-28 09:24:02.340 Ch1: -2 Ch2: -1 Ch3: 15 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-10-28 09:24:02.340 Analog Status  
 2014-10-28 09:24:02.340 Analog Positive Supply: 5.44v  
 2014-10-28 09:24:02.340 Input Voltage: 13.20V  
 2014-10-28 09:24:02.340 System Temperature: 5C  
 2014-10-28 09:24:02.340 Main Current: 62ma  
 2014-10-28 09:24:02.340 Antenna Current: 0ma  
 2014-10-28 09:24:02.340 GPS Status  
 2014-10-28 09:24:02.340 Time: 09:24:01  
 2014-10-28 09:24:02.340 Date:  
 2014-10-28 09:24:02.340 Fix Type: 1-D  
 2014-10-28 09:24:02.340 Height:  
 2014-10-28 09:24:02.340 Latitude:  
 2014-10-28 09:24:02.340 Longitude:  
 2014-10-28 09:24:02.340 On Time: 0min  
 2014-10-28 09:24:02.340 Sat. Used: 0  
 2014-10-28 09:24:02.340 In View: 0  
 2014-10-28 09:24:02.340 Checksum Errors: 0  
 2014-10-28 09:24:02.340 Last GPS timemark: 2014-10-28 09:24:00  
 2014-10-28 09:24:02.340 PLL Status  
 2014-10-28 09:24:02.340 State: Lock  
 2014-10-28 09:24:02.340 Initial VCO: 2200.812256  
 2014-10-28 09:24:02.340 Time Error: 0.000000  
 2014-10-28 09:24:02.340 RMS VCO: 0.0000000  
 2014-10-28 09:24:02.340 Best VCO: 2200.80  
 2014-10-28 09:24:02.340 Seconds Since Track or Lock: 0.0  
 2014-10-28 09:24:02.340 Vco Control: 2201  
 2014-10-28 09:24:02.340 timing mode: external seascan  
 2014-10-28 09:24:02.340 tempco normal  
 2014-10-28 09:24:02.340 PLL update: 10s PLL lock criterion: 5us  
 2014-10-28 09:24:02.340 Pfrac: 150.00  
 2014-10-28 09:24:02.340 VCO slope: -0.0175000  
 2014-10-28 09:24:02.340 VCO intercept: 7.1100001  
 2014-10-28 09:24:02.340 Km delta: 600.0000000  
 2014-10-28 09:24:02.340 Logical Port 4 Status  
 2014-10-28 09:24:02.340 Data Packets Sent: 20336092  
 2014-10-28 09:24:02.340 Flood Packets Sent: 0  
 2014-10-28 09:24:02.340 Packets Re-Sent: 32215  
 2014-10-28 09:24:02.340 Sequence Errors: 0  
 2014-10-28 09:24:02.340 Packet Buffer Used: 21217852  
 2014-10-28 09:24:02.340 Physical Port: Ethernet  
 2014-10-28 09:24:02.340 Baler Model: 14 Software Version: 2.28  
 2014-10-28 09:24:02.340 MAC Address: 00:04:FB:00:02:EA  
 2014-10-28 09:24:02.340 Disk Size: 20000669696  
 2014-10-28 09:24:02.340 Percent of 1177 data files in use: 39.4  
 2014-10-28 09:24:02.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-28 09:24:02.340 Channel Sensitivities (uV per count):  
 2014-10-28 09:24:02.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-28 09:24:02.340 Digitizer Calibration Results:  
 2014-10-28 09:24:02.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-28 09:24:02.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-28 09:24:02.340 DMU1 Software Version=10

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2014-10-28 09:24:02.340 Supply Voltage=12.6  
 2014-10-28 09:24:02.340 Supply Current=0.41  
 2014-10-28 09:24:02.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-28 09:24:02.340 WebLink Data Maps Restored  
 2014-10-28 09:24:02.340 [2014-10-27 21:23:10.000000] sequence resumes: 17695099 to 17695099  
 2014-10-28 09:24:02.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-28 09:24:01  
 2014-10-28 09:25:06.550 [2014-10-28 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-10-28 09:29:27.990 Reducing Status Polling Interval  
 2014-10-28 09:29:27.990 [2014-10-28 09:29:26.999998] total packets received: 47075  
 2014-10-28 09:29:27.990 [2014-10-28 09:29:26.999998] command timeouts: 6  
 2014-10-28 09:29:27.990 [2014-10-28 09:29:26.999998] out of window: 73  
 2014-10-28 09:29:27.990 written: HHZ-1130 HH1-1306 HH2-1290 BDH-414 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-10-28 09:29:27.990 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-10-28 09:29:27.990 written: VM2-1 LOG-3 ACE-2 OCF-2  
 2014-10-28 09:29:27.990 [2014-10-28 09:29:26.999998] Done: 4274 recs. seq end: 17738676. run: 321 s  
 2014-10-28 21:30:19.400  
 2014-10-28 21:30:19.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-28 21:30:19.400 Control Port 2491 Opened  
 2014-10-28 21:30:19.400 Baler ready on Ethernet  
 2014-10-28 21:30:19.400 Power Cycled Baler Acknowledged  
 2014-10-28 21:30:19.400 Commands Accepted by Q330  
 2014-10-28 21:30:19.400 Access timeout: 300 sec  
 2014-10-28 21:30:19.400 Control Port 4023 Opened  
 2014-10-28 21:30:19.400 Data Port 4024 Opened  
 2014-10-28 21:30:19.400 Registered with Q330  
 2014-10-28 21:30:19.400 Combination Record Received  
 2014-10-28 21:30:19.400 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-28 21:30:19.400 Link Reset, starting window sequence: 64794  
 2014-10-28 21:30:19.400 GPS Receiver ID Received  
 2014-10-28 21:30:19.400 Manufacturer's Data Received, Property Tag=2017  
 2014-10-28 21:30:19.400 Digitizer Gain & Offsets Received  
 2014-10-28 21:30:19.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4274 recs. seq end: 17738676  
 2014-10-28 21:30:19.400 Baler clock set to 2014-10-28 21:30:18  
 2014-10-28 21:30:19.400 Starting to Read DP Tokens  
 2014-10-28 21:30:19.400 DP Tokens loaded, size=1474 bytes  
 2014-10-28 21:30:19.400 webserver advertising 192.168.200.119:5380  
 2014-10-28 21:30:19.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-28 21:30:19.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-28 21:30:19.400 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-28 21:30:19.400 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-28 21:30:19.400 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-28 21:30:19.400 filters & delay LH1:2@1,Linear all=15.000000  
 2014-10-28 21:30:19.400 filters & delay LH2:3@1,Linear all=15.000000  
 2014-10-28 21:30:19.400 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-28 21:30:19.400 [2014-10-28 09:29:26.999998] continuity found: 17738676 467803767.000000 Q=100  
 2014-10-28 21:30:19.400 [2014-10-28 09:29:26.999998] restoring continuity  
 2014-10-28 21:30:19.400 Sending DT\_OPEN  
 2014-10-28 21:30:19.400 Station: XX-2017  
 2014-10-28 21:30:19.400 Q330 Serial Number: 0100000DB18FC351  
 2014-10-28 21:30:19.400 AMB Serial Number: 0100000B6909DD82  
 2014-10-28 21:30:19.400 Seismo 1 Serial Number: 0000000000000000  
 2014-10-28 21:30:19.400 Seismo 2 Serial Number: 0000000000000000  
 2014-10-28 21:30:19.400 QAPCHP 1 Serial Number: 4643206  
 2014-10-28 21:30:19.400 QAPCHP 2 Serial Number: 3743050  
 2014-10-28 21:30:19.400 KMI Property Tag Number: 2017

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2014-10-28 21:30:19.400 System Software Version: 1.146  
 2014-10-28 21:30:19.400 Slave Processor Version: 1.11  
 2014-10-28 21:30:19.400 Calibrator Type: QCAL330  
 2014-10-28 21:30:19.400 Calibrator Version: 1.8  
 2014-10-28 21:30:19.400 Auxiliary Board Type: None  
 2014-10-28 21:30:19.400 Clock Type: Motorola M12  
 2014-10-28 21:30:19.400 PLD Version: 7.9  
 2014-10-28 21:30:19.400 Total Hours: 70082.04  
 2014-10-28 21:30:19.400 Power On Hours: 34712.42  
 2014-10-28 21:30:19.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-28 21:30:19.400 Total Number of Boots: 120  
 2014-10-28 21:30:19.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-28 21:30:19.400 Total Number of Re-Syncs: 213  
 2014-10-28 21:30:19.400 Status Inputs: 00000000  
 2014-10-28 21:30:19.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-28 21:30:19.400 Clock Quality: 100%  
 2014-10-28 21:30:19.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-28 21:30:19.400 Clock Phase: 0 usec. max allowed=50000  
 2014-10-28 21:30:19.400 Boom positions:  
 2014-10-28 21:30:19.400 ch1: -2 ch2: -1 ch3: 16 ch4: 20 ch5: 20 ch6: 20  
 2014-10-28 21:30:19.400 Analog Status  
 2014-10-28 21:30:19.400 Analog Positive Supply: 5.46V  
 2014-10-28 21:30:19.400 Input Voltage: 13.35V  
 2014-10-28 21:30:19.400 System Temperature: 5C  
 2014-10-28 21:30:19.400 Main Current: 62ma  
 2014-10-28 21:30:19.400 Antenna Current: 0ma  
 2014-10-28 21:30:19.400 GPS Status  
 2014-10-28 21:30:19.400 Time: 21:30:18  
 2014-10-28 21:30:19.400 Date:  
 2014-10-28 21:30:19.400 Fix Type: 1-D  
 2014-10-28 21:30:19.400 Height:  
 2014-10-28 21:30:19.400 Latitude:  
 2014-10-28 21:30:19.400 Longitude:  
 2014-10-28 21:30:19.400 On Time: 0min  
 2014-10-28 21:30:19.400 Sat. Used: 0  
 2014-10-28 21:30:19.400 In View: 0  
 2014-10-28 21:30:19.400 Checksum Errors: 0  
 2014-10-28 21:30:19.400 Last GPS timemark: 2014-10-28 21:30:17  
 2014-10-28 21:30:19.400 PLL Status  
 2014-10-28 21:30:19.400 State: Lock  
 2014-10-28 21:30:19.400 Initial VCO: 2201.006592  
 2014-10-28 21:30:19.400 Time Error: 0.000000  
 2014-10-28 21:30:19.400 RMS VCO: 0.000000  
 2014-10-28 21:30:19.400 Best VCO: 2201.00  
 2014-10-28 21:30:19.400 Seconds Since Track or Lock: 0.0  
 2014-10-28 21:30:19.400 Vco Control: 2201  
 2014-10-28 21:30:19.400 timing mode: external seascan  
 2014-10-28 21:30:19.400 tempco normal  
 2014-10-28 21:30:19.400 PLL update: 10s PLL lock criterion: 5us  
 2014-10-28 21:30:19.400 Pfrac: 150.00  
 2014-10-28 21:30:19.400 VCO slope: -0.0175000  
 2014-10-28 21:30:19.400 VCO intercept: 7.1100001  
 2014-10-28 21:30:19.400 Km delta: 600.0000000  
 2014-10-28 21:30:19.400 Logical Port 4 Status  
 2014-10-28 21:30:19.400 Data Packets Sent: 20383064  
 2014-10-28 21:30:19.400 Flood Packets Sent: 0  
 2014-10-28 21:30:19.400 Packets Re-Sent: 32304  
 2014-10-28 21:30:19.400 Sequence Errors: 0  
 2014-10-28 21:30:19.400 Packet Buffer Used: 21093864  
 2014-10-28 21:30:19.400 Physical Port: Ethernet  
 2014-10-28 21:30:19.400 Baler Model: 14 Software Version: 2.28  
 2014-10-28 21:30:19.400 MAC Address: 00:04:FB:00:02:EA  
 2014-10-28 21:30:19.400 Disk Size: 20000669696



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2014-10-28 21:30:19.400 Percent of 1177 data files in use: 39.5
2014-10-28 21:30:19.400 Channels Enabled: 1234 Preamps ON channels:
2014-10-28 21:30:19.400 Channel Sensitivities (uV per count):
2014-10-28 21:30:19.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-28 21:30:19.400 Digitizer Calibration Results:
2014-10-28 21:30:19.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-28 21:30:19.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-28 21:30:19.400 DMU1 Software Version=10
2014-10-28 21:30:19.400 Supply Voltage=12.7
2014-10-28 21:30:19.400 Supply Current=0.41
2014-10-28 21:30:19.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-28 21:30:19.400 webLink Data Maps Restored
2014-10-28 21:30:19.400 [2014-10-28 09:29:26.999998] sequence resumes: 17738676 to
17738676
2014-10-28 21:30:19.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-28 21:30:18
2014-10-28 21:35:43.630 Reducing Status Polling Interval
2014-10-28 21:35:43.630 [2014-10-28 21:35:42.999998] total packets received: 44940
2014-10-28 21:35:43.630 [2014-10-28 21:35:42.999998] command timeouts: 6
2014-10-28 21:35:43.630 [2014-10-28 21:35:42.999998] out of window: 70
2014-10-28 21:35:43.630 written: HHZ-1136 HH1-1283 HH2-1290 BDH-402 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-28 21:35:43.630 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-10-28 21:35:43.630 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-28 21:35:43.630 [2014-10-28 21:35:42.999998] Done: 4250 recs. seq end:
17782252. run: 319 s
2014-10-29 09:36:37.400
2014-10-29 09:36:37.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-29 09:36:37.400 Control Port 2491 Opened
2014-10-29 09:36:37.400 Baler ready on Ethernet
2014-10-29 09:36:37.400 Power Cycled Baler Acknowledged
2014-10-29 09:36:37.400 Commands Accepted by Q330
2014-10-29 09:36:37.400 Access timeout: 300 sec
2014-10-29 09:36:37.400 Control Port 4023 Opened
2014-10-29 09:36:37.400 Data Port 4024 Opened
2014-10-29 09:36:37.400 Registered with Q330
2014-10-29 09:36:37.400 Combination Record Received
2014-10-29 09:36:37.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-29 09:36:37.400 Link Reset, starting window sequence: 44093
2014-10-29 09:36:37.400 Manufacturer's Data Received, Property Tag=2017
2014-10-29 09:36:37.400 Digitizer Gain & Offsets Received
2014-10-29 09:36:37.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4250 recs.
seq end: 17782252
2014-10-29 09:36:37.400 Baler clock set to 2014-10-29 09:36:36
2014-10-29 09:36:37.400 Starting to Read DP Tokens
2014-10-29 09:36:37.400 DP Tokens loaded, size=1474 bytes
2014-10-29 09:36:37.400 webserver advertising 192.168.200.119:5380
2014-10-29 09:36:37.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-29 09:36:37.400 filters & delay HH1:2@100,Linear all=0.320000
2014-10-29 09:36:37.400 filters & delay HH2:3@100,Linear all=0.320000
2014-10-29 09:36:37.400 filters & delay BDH:4@20,Linear all=1.650000
2014-10-29 09:36:37.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-29 09:36:37.400 filters & delay LH1:2@1,Linear all=15.000000
2014-10-29 09:36:37.400 filters & delay LH2:3@1,Linear all=15.000000
2014-10-29 09:36:37.400 filters & delay LDH:4@1,Linear all=15.000000
2014-10-29 09:36:37.400 [2014-10-28 21:35:42.999998] continuity found: 17782252
467847343.000000 Q=100
2014-10-29 09:36:37.400 [2014-10-28 21:35:42.999998] restoring continuity
2014-10-29 09:36:37.400 Sending DT_OPEN
2014-10-29 09:36:37.400 Station: XX-2017
2014-10-29 09:36:37.400 Q330 Serial Number: 0100000DB18FC351
2014-10-29 09:36:37.400 AMB Serial Number: 0100000B6909DD82

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2014-10-29 09:36:37.400 Seismo 1 Serial Number: 0000000000000000  
 2014-10-29 09:36:37.400 Seismo 2 Serial Number: 0000000000000000  
 2014-10-29 09:36:37.400 QAPCHP 1 Serial Number: 4643206  
 2014-10-29 09:36:37.400 QAPCHP 2 Serial Number: 3743050  
 2014-10-29 09:36:37.400 KMI Property Tag Number: 2017  
 2014-10-29 09:36:37.400 System Software Version: 1.146  
 2014-10-29 09:36:37.400 Slave Processor Version: 1.11  
 2014-10-29 09:36:37.400 Calibrator Type: QCAL330  
 2014-10-29 09:36:37.400 Calibrator Version: 1.8  
 2014-10-29 09:36:37.400 Auxiliary Board Type: None  
 2014-10-29 09:36:37.400 Clock Type: Motorola M12  
 2014-10-29 09:36:37.400 PLD Version: 7.9  
 2014-10-29 09:36:37.400 Total Hours: 70094.14  
 2014-10-29 09:36:37.400 Power On Hours: 34724.53  
 2014-10-29 09:36:37.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-29 09:36:37.400 Total Number of Boots: 120  
 2014-10-29 09:36:37.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-29 09:36:37.400 Total Number of Re-Syncs: 213  
 2014-10-29 09:36:37.400 Status Inputs: 00000000  
 2014-10-29 09:36:37.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-29 09:36:37.400 Clock Quality: 100%  
 2014-10-29 09:36:37.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-29 09:36:37.400 Clock Phase: 0 usec. max allowed=50000  
 2014-10-29 09:36:37.400 Boom positions:  
 2014-10-29 09:36:37.400 ch1: -2 ch2: 0 ch3: -4 ch4: 20 ch5: 20 ch6: 20  
 2014-10-29 09:36:37.400 Analog Status  
 2014-10-29 09:36:37.400 Analog Positive Supply: 5.46V  
 2014-10-29 09:36:37.400 Input Voltage: 13.20V  
 2014-10-29 09:36:37.400 System Temperature: 5C  
 2014-10-29 09:36:37.400 Main Current: 62ma  
 2014-10-29 09:36:37.400 Antenna Current: 0ma  
 2014-10-29 09:36:37.400 GPS Status  
 2014-10-29 09:36:37.400 Time: 09:36:35  
 2014-10-29 09:36:37.400 Date:  
 2014-10-29 09:36:37.400 Fix Type: 1-D  
 2014-10-29 09:36:37.400 Height:  
 2014-10-29 09:36:37.400 Latitude:  
 2014-10-29 09:36:37.400 Longitude:  
 2014-10-29 09:36:37.400 On Time: 0min  
 2014-10-29 09:36:37.400 Sat. Used: 0  
 2014-10-29 09:36:37.400 In View: 0  
 2014-10-29 09:36:37.400 Checksum Errors: 0  
 2014-10-29 09:36:37.400 Last GPS timemark: 2014-10-29 09:36:34  
 2014-10-29 09:36:37.400 PLL Status  
 2014-10-29 09:36:37.400 State: Lock  
 2014-10-29 09:36:37.400 Initial VCO: 2200.719238  
 2014-10-29 09:36:37.400 Time Error: 0.000000  
 2014-10-29 09:36:37.400 RMS VCO: 0.0000000  
 2014-10-29 09:36:37.400 Best VCO: 2200.69  
 2014-10-29 09:36:37.400 Seconds Since Track or Lock: 0.0  
 2014-10-29 09:36:37.400 Vco Control: 2201  
 2014-10-29 09:36:37.400 timing mode: external seascan  
 2014-10-29 09:36:37.400 tempco normal  
 2014-10-29 09:36:37.400 PLL update: 10s PLL lock criterion: 5us  
 2014-10-29 09:36:37.400 Pfrac: 150.00  
 2014-10-29 09:36:37.400 VCO slope: -0.0175000  
 2014-10-29 09:36:37.400 VCO intercept: 7.1100001  
 2014-10-29 09:36:37.400 km delta: 600.0000000  
 2014-10-29 09:36:37.400 Logical Port 4 Status  
 2014-10-29 09:36:37.400 Data Packets Sent: 20427904  
 2014-10-29 09:36:37.400 Flood Packets Sent: 0  
 2014-10-29 09:36:37.400 Packets Re-Sent: 32388  
 2014-10-29 09:36:37.400 Sequence Errors: 0

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2014-10-29 09:36:37.400 Packet Buffer Used: 20689368
2014-10-29 09:36:37.400 Physical Port: Ethernet
2014-10-29 09:36:37.400 Baler Model: 14   Software Version: 2.28
2014-10-29 09:36:37.400 MAC Address: 00:04:FB:00:02:EA
2014-10-29 09:36:37.400 Disk Size: 20000669696
2014-10-29 09:36:37.400 Percent of 1177 data files in use: 39.6
2014-10-29 09:36:37.400 Channels Enabled: 1234   Preamps ON channels:
2014-10-29 09:36:37.400 Channel Sensitivities (uV per count):
2014-10-29 09:36:37.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-29 09:36:37.400 Digitizer Calibration Results:
2014-10-29 09:36:37.400 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-10-29 09:36:37.400 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-10-29 09:36:37.400 DMU1 Software Version=10
2014-10-29 09:36:37.400 Supply Voltage=12.7
2014-10-29 09:36:37.400 Supply Current=0.41
2014-10-29 09:36:37.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-29 09:36:37.400 webLink Data Maps Restored
2014-10-29 09:36:37.400 [2014-10-28 21:35:42.999998] sequence resumes: 17782252 to
17782252
2014-10-29 09:36:37.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-29 09:36:36
2014-10-29 09:36:37.400 [2014-10-29 00:00:00.000000] saving Configuration to Backup
Memory
2014-10-29 09:41:47.230 [2014-10-29 09:30:36.000000] total packets received: 43667
2014-10-29 09:41:47.230 [2014-10-29 09:30:36.000000] command timeouts: 6
2014-10-29 09:41:47.230 [2014-10-29 09:30:36.000000] out of window: 60
2014-10-29 09:41:47.230 written: HHZ-1067 HH1-1251 HH2-1227 BDH-406 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-10-29 09:41:47.230 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-23 LH2-23 LDH-23
VMZ-2 VM1-2
2014-10-29 09:41:47.230 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-10-29 09:41:47.230 [2014-10-29 09:30:36.000000] Done: 4086 recs. seq end:
17825145. run: 305 s
2014-10-29 21:42:36.390
2014-10-29 21:42:36.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-29 21:42:36.390 Control Port 2491 Opened
2014-10-29 21:42:36.390 Baler ready on Ethernet
2014-10-29 21:42:36.390 Power Cycled Baler Acknowledged
2014-10-29 21:42:36.390 Commands Accepted by Q330
2014-10-29 21:42:36.390 Access timeout: 300 sec
2014-10-29 21:42:36.390 Control Port 4023 Opened
2014-10-29 21:42:36.390 Data Port 4024 Opened
2014-10-29 21:42:36.390 Registered with Q330
2014-10-29 21:42:36.390 Combination Record Received
2014-10-29 21:42:36.390 Window=4   Min. Timeout=10   Max. Timeout=30
2014-10-29 21:42:36.390 Link Reset, starting window sequence: 22130
2014-10-29 21:42:36.390 GPS Receiver ID Received
2014-10-29 21:42:36.390 Manufacturer's Data Received, Property Tag=2017
2014-10-29 21:42:36.390 Digitizer Gain & Offsets Received
2014-10-29 21:42:36.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4086 recs.
seq end: 17825145
2014-10-29 21:42:36.390 Baler clock set to 2014-10-29 21:42:35
2014-10-29 21:42:36.390 Starting to Read DP Tokens
2014-10-29 21:42:36.390 DP Tokens loaded, size=1474 bytes
2014-10-29 21:42:36.390 webserver advertising 192.168.200.119:5380
2014-10-29 21:42:36.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-29 21:42:36.390 filters & delay HH1:2@100,Linear all=0.320000
2014-10-29 21:42:36.390 filters & delay HH2:3@100,Linear all=0.320000
2014-10-29 21:42:36.390 filters & delay BDH:4@20,Linear all=1.650000
2014-10-29 21:42:36.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-29 21:42:36.390 filters & delay LH1:2@1,Linear all=15.000000
2014-10-29 21:42:36.390 filters & delay LH2:3@1,Linear all=15.000000
2014-10-29 21:42:36.390 filters & delay LDH:4@1,Linear all=15.000000

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2014-10-29 21:42:36.390 [2014-10-29 09:30:36.000000] continuity found: 17825145
467890236.000000 Q=100
2014-10-29 21:42:36.390 [2014-10-29 09:30:36.000000] restoring continuity
2014-10-29 21:42:36.390 Sending DT_OPEN
2014-10-29 21:42:36.390 Station: XX-2017
2014-10-29 21:42:36.390 Q330 Serial Number: 0100000DB18FC351
2014-10-29 21:42:36.390 AMB Serial Number: 0100000B6909DD82
2014-10-29 21:42:36.390 Seismo 1 Serial Number: 0000000000000000
2014-10-29 21:42:36.390 Seismo 2 Serial Number: 0000000000000000
2014-10-29 21:42:36.390 QAPCHP 1 Serial Number: 4643206
2014-10-29 21:42:36.390 QAPCHP 2 Serial Number: 3743050
2014-10-29 21:42:36.390 KMI Property Tag Number: 2017
2014-10-29 21:42:36.390 System Software Version: 1.146
2014-10-29 21:42:36.390 Slave Processor Version: 1.11
2014-10-29 21:42:36.390 Calibrator Type: QCAL330
2014-10-29 21:42:36.390 Calibrator Version: 1.8
2014-10-29 21:42:36.390 Auxiliary Board Type: None
2014-10-29 21:42:36.390 Clock Type: Motorola M12
2014-10-29 21:42:36.390 PLD Version: 7.9
2014-10-29 21:42:36.390 Total Hours: 70106.24
2014-10-29 21:42:36.390 Power On Hours: 34736.63
2014-10-29 21:42:36.390 Time of Last Boot: 2014-04-06 02:03:58
2014-10-29 21:42:36.390 Total Number of Boots: 120
2014-10-29 21:42:36.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-29 21:42:36.390 Total Number of Re-Syncs: 213
2014-10-29 21:42:36.390 Status Inputs: 00000000
2014-10-29 21:42:36.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-29 21:42:36.390 Clock Quality: 100%
2014-10-29 21:42:36.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-29 21:42:36.390 Clock Phase: 0 usec. max allowed=50000
2014-10-29 21:42:36.390 Boom positions:
2014-10-29 21:42:36.390 Ch1: -2 Ch2: -1 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20
2014-10-29 21:42:36.390 Analog Status
2014-10-29 21:42:36.390 Analog Positive Supply: 5.46V
2014-10-29 21:42:36.390 Input Voltage: 13.20V
2014-10-29 21:42:36.390 System Temperature: 5C
2014-10-29 21:42:36.390 Main Current: 62ma
2014-10-29 21:42:36.390 Antenna Current: 0ma
2014-10-29 21:42:36.390 GPS Status
2014-10-29 21:42:36.390 Time: 21:42:35
2014-10-29 21:42:36.390 Date:
2014-10-29 21:42:36.390 Fix Type: 1-D
2014-10-29 21:42:36.390 Height:
2014-10-29 21:42:36.390 Latitude:
2014-10-29 21:42:36.390 Longitude:
2014-10-29 21:42:36.390 On Time: 0min
2014-10-29 21:42:36.390 Sat. Used: 0
2014-10-29 21:42:36.390 In View: 0
2014-10-29 21:42:36.390 Checksum Errors: 0
2014-10-29 21:42:36.390 Last GPS timemark: 2014-10-29 21:42:34
2014-10-29 21:42:36.390 PLL Status
2014-10-29 21:42:36.390 State: Lock
2014-10-29 21:42:36.390 Initial VCO: 2200.995361
2014-10-29 21:42:36.390 Time Error: 0.000000
2014-10-29 21:42:36.390 RMS VCO: 0.0000000
2014-10-29 21:42:36.390 Best VCO: 2201.00
2014-10-29 21:42:36.390 Seconds Since Track or Lock: 0.0
2014-10-29 21:42:36.390 Vco Control: 2201
2014-10-29 21:42:36.390 timing mode: external seascan
2014-10-29 21:42:36.390 tempco normal
2014-10-29 21:42:36.390 PLL update: 10s PLL lock criterion: 5us
2014-10-29 21:42:36.390 Pfrac: 150.00
2014-10-29 21:42:36.390 VCO slope: -0.0175000

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2014-10-29 21:42:36.390 VCO intercept: 7.1100001  
 2014-10-29 21:42:36.390 Km delta: 600.0000000  
 2014-10-29 21:42:36.390 Logical Port 4 Status  
 2014-10-29 21:42:36.390 Data Packets Sent: 20471482  
 2014-10-29 21:42:36.390 Flood Packets Sent: 0  
 2014-10-29 21:42:36.390 Packets Re-Sent: 32459  
 2014-10-29 21:42:36.390 Sequence Errors: 0  
 2014-10-29 21:42:36.390 Physical Port: Ethernet  
 2014-10-29 21:42:36.390 Baler Model: 14 Software Version: 2.28  
 2014-10-29 21:42:36.390 MAC Address: 00:04:FB:00:02:EA  
 2014-10-29 21:42:36.390 Disk Size: 20000669696  
 2014-10-29 21:42:36.390 Percent of 1177 data files in use: 39.7  
 2014-10-29 21:42:36.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-29 21:42:36.390 Channel Sensitivities (uV per count):  
 2014-10-29 21:42:36.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-29 21:42:36.390 Digitizer Calibration Results:  
 2014-10-29 21:42:36.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-29 21:42:36.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-29 21:42:36.390 DMU1 Software Version=10  
 2014-10-29 21:42:36.390 Supply Voltage=12.6  
 2014-10-29 21:42:36.390 Supply Current=0.41  
 2014-10-29 21:42:36.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-29 21:42:36.390 webLink Data Maps Restored  
 2014-10-29 21:42:36.390 [2014-10-29 09:30:36.000000] sequence resumes: 17825145 to  
 17825145  
 2014-10-29 21:42:36.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-29 21:42:35  
 2014-10-29 21:48:00.290 Reducing Status Polling Interval  
 2014-10-29 21:48:00.290 [2014-10-29 21:47:59.999998] total packets received: 45292  
 2014-10-29 21:48:00.290 [2014-10-29 21:47:59.999998] command timeouts: 6  
 2014-10-29 21:48:00.290 [2014-10-29 21:47:59.999998] out of window: 62  
 2014-10-29 21:48:00.290 written: HHZ-1114 HH1-1265 HH2-1275 BDH-444 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-10-29 21:48:00.290 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-25  
 VMZ-1 VM1-1  
 2014-10-29 21:48:00.290 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-10-29 21:48:00.290 [2014-10-29 21:47:59.999998] Done: 4230 recs. seq end:  
 17869389. run: 319 s  
 2014-10-30 09:48:51.370  
 2014-10-30 09:48:51.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-30 09:48:51.370 Control Port 2491 Opened  
 2014-10-30 09:48:51.370 Baler ready on Ethernet  
 2014-10-30 09:48:51.370 Power Cycled Baler Acknowledged  
 2014-10-30 09:48:51.370 Commands Accepted by Q330  
 2014-10-30 09:48:51.370 Access timeout: 300 sec  
 2014-10-30 09:48:51.370 Control Port 4023 Opened  
 2014-10-30 09:48:51.370 Data Port 4024 Opened  
 2014-10-30 09:48:51.370 Registered with Q330  
 2014-10-30 09:48:51.370 Combination Record Received  
 2014-10-30 09:48:51.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-30 09:48:51.370 Link Reset, starting window sequence: 1789  
 2014-10-30 09:48:51.370 GPS Receiver ID Received  
 2014-10-30 09:48:51.370 Manufacturer's Data Received, Property Tag=2017  
 2014-10-30 09:48:51.370 Digitizer Gain & Offsets Received  
 2014-10-30 09:48:51.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4230 recs.  
 seq end: 17869389  
 2014-10-30 09:48:51.370 Baler clock set to 2014-10-30 09:48:50  
 2014-10-30 09:48:51.370 Starting to Read DP Tokens  
 2014-10-30 09:48:51.370 DP Tokens loaded, size=1474 bytes  
 2014-10-30 09:48:51.370 webserver advertising 192.168.200.119:5380  
 2014-10-30 09:48:51.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-30 09:48:51.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-30 09:48:51.370 filters & delay HH2:3@100,Linear all=0.320000

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2014-10-30 09:48:51.370 filters & delay BDH:4@20,Linear all=1.650000
2014-10-30 09:48:51.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-30 09:48:51.370 filters & delay LH1:2@1,Linear all=15.000000
2014-10-30 09:48:51.370 filters & delay LH2:3@1,Linear all=15.000000
2014-10-30 09:48:51.370 filters & delay LDH:4@1,Linear all=15.000000
2014-10-30 09:48:51.370 [2014-10-29 21:47:59.999998] continuity found: 17869389
467934480.000000 Q=100
2014-10-30 09:48:51.370 [2014-10-29 21:47:59.999998] restoring continuity
2014-10-30 09:48:51.370 Sending DT_OPEN
2014-10-30 09:48:51.370 Station: XX-2017
2014-10-30 09:48:51.370 Q330 Serial Number: 0100000DB18FC351
2014-10-30 09:48:51.370 AMB Serial Number: 0100000B6909DD82
2014-10-30 09:48:51.370 Seismo 1 Serial Number: 0000000000000000
2014-10-30 09:48:51.370 Seismo 2 Serial Number: 0000000000000000
2014-10-30 09:48:51.370 QAPCHP 1 Serial Number: 4643206
2014-10-30 09:48:51.370 QAPCHP 2 Serial Number: 3743050
2014-10-30 09:48:51.370 KMI Property Tag Number: 2017
2014-10-30 09:48:51.370 System Software Version: 1.146
2014-10-30 09:48:51.370 Slave Processor Version: 1.11
2014-10-30 09:48:51.370 Calibrator Type: QCAL330
2014-10-30 09:48:51.370 Calibrator Version: 1.8
2014-10-30 09:48:51.370 Auxiliary Board Type: None
2014-10-30 09:48:51.370 Clock Type: Motorola M12
2014-10-30 09:48:51.370 PLD Version: 7.9
2014-10-30 09:48:51.370 Total Hours: 70118.35
2014-10-30 09:48:51.370 Power On Hours: 34748.73
2014-10-30 09:48:51.370 Time of Last Boot: 2014-04-06 02:03:58
2014-10-30 09:48:51.370 Total Number of Boots: 120
2014-10-30 09:48:51.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-30 09:48:51.370 Total Number of Re-Syncs: 213
2014-10-30 09:48:51.370 Status Inputs: 00000000
2014-10-30 09:48:51.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-30 09:48:51.370 Clock Quality: 100%
2014-10-30 09:48:51.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-30 09:48:51.370 Clock Phase: 0 usec. max allowed=50000
2014-10-30 09:48:51.370 Boom positions:
2014-10-30 09:48:51.370 ch1: -2 ch2: 0 ch3: -3 ch4: 20 ch5: 20 ch6: 20
2014-10-30 09:48:51.370 Analog Status
2014-10-30 09:48:51.370 Analog Positive Supply: 5.46V
2014-10-30 09:48:51.370 Input Voltage: 13.35V
2014-10-30 09:48:51.370 System Temperature: 5C
2014-10-30 09:48:51.370 Main Current: 61ma
2014-10-30 09:48:51.370 Antenna Current: 0ma
2014-10-30 09:48:51.370 GPS Status
2014-10-30 09:48:51.370 Time: 09:48:50
2014-10-30 09:48:51.370 Date:
2014-10-30 09:48:51.370 Fix Type: 1-D
2014-10-30 09:48:51.370 Height:
2014-10-30 09:48:51.370 Latitude:
2014-10-30 09:48:51.370 Longitude:
2014-10-30 09:48:51.370 On Time: 0min
2014-10-30 09:48:51.370 Sat. Used: 0
2014-10-30 09:48:51.370 In View: 0
2014-10-30 09:48:51.370 Checksum Errors: 0
2014-10-30 09:48:51.370 Last GPS timemark: 2014-10-30 09:48:49
2014-10-30 09:48:51.370 PLL Status
2014-10-30 09:48:51.370 State: Lock
2014-10-30 09:48:51.370 Initial VCO: 2201.000000
2014-10-30 09:48:51.370 Time Error: 0.000000
2014-10-30 09:48:51.370 RMS VCO: 0.000000
2014-10-30 09:48:51.370 Best VCO: 2201.00
2014-10-30 09:48:51.370 Seconds Since Track or Lock: 0.0
2014-10-30 09:48:51.370 vco control: 2201

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2014-10-30 09:48:51.370 timing mode: external seascan  
 2014-10-30 09:48:51.370 tempco normal  
 2014-10-30 09:48:51.370 PLL update: 10s PLL lock criterion: 5us  
 2014-10-30 09:48:51.370 Pfrac: 150.00  
 2014-10-30 09:48:51.370 VCO slope: -0.0175000  
 2014-10-30 09:48:51.370 VCO intercept: 7.1100001  
 2014-10-30 09:48:51.370 km delta: 600.0000000  
 2014-10-30 09:48:51.370 Logical Port 4 Status  
 2014-10-30 09:48:51.370 Data Packets Sent: 20516682  
 2014-10-30 09:48:51.370 Flood Packets Sent: 0  
 2014-10-30 09:48:51.370 Packets Re-Sent: 32535  
 2014-10-30 09:48:51.370 Sequence Errors: 0  
 2014-10-30 09:48:51.370 Packet Buffer Used: 21964136  
 2014-10-30 09:48:51.370 Physical Port: Ethernet  
 2014-10-30 09:48:51.370 Baler Model: 14 Software Version: 2.28  
 2014-10-30 09:48:51.370 MAC Address: 00:04:FB:00:02:EA  
 2014-10-30 09:48:51.370 Disk Size: 20000669696  
 2014-10-30 09:48:51.370 Percent of 1177 data files in use: 39.8  
 2014-10-30 09:48:51.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-10-30 09:48:51.370 Channel Sensitivities (uV per count):  
 2014-10-30 09:48:51.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-10-30 09:48:51.370 Digitizer Calibration Results:  
 2014-10-30 09:48:51.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-10-30 09:48:51.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-10-30 09:48:51.370 DMU1 Software Version=10  
 2014-10-30 09:48:51.370 Supply Voltage=12.7  
 2014-10-30 09:48:51.370 Supply Current=0.41  
 2014-10-30 09:48:51.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-10-30 09:48:51.370 webLink Data Maps Restored  
 2014-10-30 09:48:51.370 [2014-10-29 21:47:59.999998] sequence resumes: 17869389 to  
 17869389  
 2014-10-30 09:48:51.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-10-30 09:48:50  
 2014-10-30 09:48:51.370 [2014-10-30 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-10-30 09:54:16.030 Reducing Status Polling Interval  
 2014-10-30 09:54:16.030 [2014-10-30 09:54:14.999998] total packets received: 47032  
 2014-10-30 09:54:16.030 [2014-10-30 09:54:14.999998] command timeouts: 6  
 2014-10-30 09:54:16.030 [2014-10-30 09:54:14.999998] out of window: 64  
 2014-10-30 09:54:16.030 written: HHZ-1124 HH1-1377 HH2-1387 BDH-437 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-10-30 09:54:16.030 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-10-30 09:54:16.030 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-10-30 09:54:16.030 [2014-10-30 09:54:14.999998] Done: 4468 recs. seq end:  
 17912964. run: 320 s  
 2014-10-30 21:55:08.380  
 2014-10-30 21:55:08.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-10-30 21:55:08.380 Control Port 2491 Opened  
 2014-10-30 21:55:08.380 Baler ready on Ethernet  
 2014-10-30 21:55:08.380 Power Cycled Baler Acknowledged  
 2014-10-30 21:55:08.380 Commands Accepted by Q330  
 2014-10-30 21:55:08.380 Access timeout: 300 sec  
 2014-10-30 21:55:08.380 Control Port 4023 Opened  
 2014-10-30 21:55:08.380 Data Port 4024 Opened  
 2014-10-30 21:55:08.380 Registered with Q330  
 2014-10-30 21:55:08.380 Combination Record Received  
 2014-10-30 21:55:08.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-10-30 21:55:08.380 Link Reset, starting window sequence: 48722  
 2014-10-30 21:55:08.380 GPS Receiver ID Received  
 2014-10-30 21:55:08.380 Manufacturer's Data Received, Property Tag=2017  
 2014-10-30 21:55:08.380 Digitizer Gain & Offsets Received  
 2014-10-30 21:55:08.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4468 recs.

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seq end: 17912964

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2014-10-30 21:55:08.380 Baler clock set to 2014-10-30 21:55:07
2014-10-30 21:55:08.380 Starting to Read DP Tokens
2014-10-30 21:55:08.380 DP Tokens loaded, size=1474 bytes
2014-10-30 21:55:08.380 webserver advertising 192.168.200.119:5380
2014-10-30 21:55:08.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-30 21:55:08.380 filters & delay HH1:2@100,Linear all=0.320000
2014-10-30 21:55:08.380 filters & delay HH2:3@100,Linear all=0.320000
2014-10-30 21:55:08.380 filters & delay BDH:4@20,Linear all=1.650000
2014-10-30 21:55:08.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-30 21:55:08.380 filters & delay LH1:2@1,Linear all=15.000000
2014-10-30 21:55:08.380 filters & delay LH2:3@1,Linear all=15.000000
2014-10-30 21:55:08.380 filters & delay LDH:4@1,Linear all=15.000000
2014-10-30 21:55:08.380 [2014-10-30 09:54:14.999998] continuity found: 17912964
467978055.000000 Q=100
2014-10-30 21:55:08.380 [2014-10-30 09:54:14.999998] restoring continuity
2014-10-30 21:55:08.380 Sending DT_OPEN
2014-10-30 21:55:08.380 Station: XX-2017
2014-10-30 21:55:08.380 Q330 Serial Number: 0100000DB18FC351
2014-10-30 21:55:08.380 AMB Serial Number: 0100000B6909DD82
2014-10-30 21:55:08.380 Seismo 1 Serial Number: 0000000000000000
2014-10-30 21:55:08.380 Seismo 2 Serial Number: 0000000000000000
2014-10-30 21:55:08.380 QAPCHP 1 Serial Number: 4643206
2014-10-30 21:55:08.380 QAPCHP 2 Serial Number: 3743050
2014-10-30 21:55:08.380 KMI Property Tag Number: 2017
2014-10-30 21:55:08.380 System Software Version: 1.146
2014-10-30 21:55:08.380 Slave Processor Version: 1.11
2014-10-30 21:55:08.380 Calibrator Type: QCAL330
2014-10-30 21:55:08.380 Auxiliary Board Type: None
2014-10-30 21:55:08.380 Clock Type: Motorola M12
2014-10-30 21:55:08.380 PLD Version: 7.9
2014-10-30 21:55:08.380 Total Hours: 70130.45
2014-10-30 21:55:08.380 Power On Hours: 34760.84
2014-10-30 21:55:08.380 Time of Last Boot: 2014-04-06 02:03:58
2014-10-30 21:55:08.380 Total Number of Boots: 120
2014-10-30 21:55:08.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-30 21:55:08.380 Total Number of Re-Syncs: 213
2014-10-30 21:55:08.380 Status Inputs: 00000000
2014-10-30 21:55:08.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-10-30 21:55:08.380 Clock Quality: 100%
2014-10-30 21:55:08.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-30 21:55:08.380 Clock Phase: 0 usec. max allowed=50000
2014-10-30 21:55:08.380 Boom positions:
2014-10-30 21:55:08.380 Ch1: -2 Ch2: 0 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20
2014-10-30 21:55:08.380 Analog Status
2014-10-30 21:55:08.380 Analog Positive Supply: 5.46V
2014-10-30 21:55:08.380 Input Voltage: 13.05V
2014-10-30 21:55:08.380 System Temperature: 5C
2014-10-30 21:55:08.380 Main Current: 62ma
2014-10-30 21:55:08.380 Antenna Current: 0ma
2014-10-30 21:55:08.380 GPS Status
2014-10-30 21:55:08.380 Time: 21:55:07
2014-10-30 21:55:08.380 Date:
2014-10-30 21:55:08.380 Fix Type: 1-D
2014-10-30 21:55:08.380 Height:
2014-10-30 21:55:08.380 Latitude:
2014-10-30 21:55:08.380 Longitude:
2014-10-30 21:55:08.380 On Time: 0min
2014-10-30 21:55:08.380 Sat. Used: 0
2014-10-30 21:55:08.380 In View: 0
2014-10-30 21:55:08.380 Checksum Errors: 0
2014-10-30 21:55:08.380 Last GPS timemark: 2014-10-30 21:55:06
2014-10-30 21:55:08.380 PLL Status

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2014-10-30 21:55:08.380 State: Lock
2014-10-30 21:55:08.380 Initial VCO: 2200.985596
2014-10-30 21:55:08.380 Time Error: 0.000000
2014-10-30 21:55:08.380 RMS VCO: 0.0000000
2014-10-30 21:55:08.380 Best VCO: 2200.99
2014-10-30 21:55:08.380 Seconds Since Track or Lock: 0.0
2014-10-30 21:55:08.380 Vco Control: 2201
2014-10-30 21:55:08.380 timing mode: external seascan
2014-10-30 21:55:08.380 tempco normal
2014-10-30 21:55:08.380 PLL update: 10s PLL lock criterion: 5us
2014-10-30 21:55:08.380 Pfrac: 150.00
2014-10-30 21:55:08.380 VCO slope: -0.0175000
2014-10-30 21:55:08.380 VCO intercept: 7.1100001
2014-10-30 21:55:08.380 Km delta: 600.0000000
2014-10-30 21:55:08.380 Logical Port 4 Status
2014-10-30 21:55:08.380 Data Packets Sent: 20563620
2014-10-30 21:55:08.380 Flood Packets Sent: 0
2014-10-30 21:55:08.380 Packets Re-Sent: 32614
2014-10-30 21:55:08.380 Sequence Errors: 0
2014-10-30 21:55:08.380 Packet Buffer Used: 22326224
2014-10-30 21:55:08.380 Physical Port: Ethernet
2014-10-30 21:55:08.380 Baler Model: 14 Software Version: 2.28
2014-10-30 21:55:08.380 MAC Address: 00:04:FB:00:02:EA
2014-10-30 21:55:08.380 Disk Size: 20000669696
2014-10-30 21:55:08.380 Percent of 1177 data files in use: 39.8
2014-10-30 21:55:08.380 Channels Enabled: 1234 Preamps ON channels:
2014-10-30 21:55:08.380 Channel Sensitivities (uV per count):
2014-10-30 21:55:08.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-30 21:55:08.380 Digitizer Calibration Results:
2014-10-30 21:55:08.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-30 21:55:08.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-30 21:55:08.380 DMU1 Software Version=10
2014-10-30 21:55:08.380 Supply Voltage=12.6
2014-10-30 21:55:08.380 Supply Current=0.41
2014-10-30 21:55:08.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-30 21:55:08.380 WebLink Data Maps Restored
2014-10-30 21:55:08.380 [2014-10-30 09:54:14.999998] sequence resumes: 17912964 to
17912964
2014-10-30 21:55:08.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-30 21:55:07
2014-10-30 22:00:46.880 Reducing Status Polling Interval
2014-10-30 22:00:46.880 [2014-10-30 22:00:45.999998] total packets received: 51139
2014-10-30 22:00:46.880 [2014-10-30 22:00:45.999998] command timeouts: 6
2014-10-30 22:00:46.880 [2014-10-30 22:00:45.999998] out of window: 79
2014-10-30 22:00:46.880 written: HHZ-1172 HH1-1399 HH2-1380 BDH-449 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-30 22:00:46.880 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-28
VMZ-2 VM1-2
2014-10-30 22:00:46.880 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-30 22:00:46.880 [2014-10-30 22:00:45.999998] Done: 4544 recs. seq end:
17956555. run: 334 s
2014-10-31 10:01:39.390
2014-10-31 10:01:39.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-31 10:01:39.390 Control Port 2491 Opened
2014-10-31 10:01:39.390 Baler ready on Ethernet
2014-10-31 10:01:39.390 Power Cycled Baler Acknowledged
2014-10-31 10:01:39.390 Commands Accepted by Q330
2014-10-31 10:01:39.390 Access timeout: 300 sec
2014-10-31 10:01:39.390 Control Port 4023 Opened
2014-10-31 10:01:39.390 Data Port 4024 Opened
2014-10-31 10:01:39.390 Registered with Q330
2014-10-31 10:01:39.390 Combination Record Received
2014-10-31 10:01:39.390 window=4 Min. Timeout=10 Max. Timeout=30

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2014-10-31 10:01:39.390 Link Reset, starting window sequence: 34210  
 2014-10-31 10:01:39.390 GPS Receiver ID Received  
 2014-10-31 10:01:39.390 Manufacturer's Data Received, Property Tag=2017  
 2014-10-31 10:01:39.390 Digitizer Gain & Offsets Received  
 2014-10-31 10:01:39.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4544 recs.  
 seq end: 17956555  
 2014-10-31 10:01:39.390 Baler clock set to 2014-10-31 10:01:38  
 2014-10-31 10:01:39.390 Starting to Read DP Tokens  
 2014-10-31 10:01:39.390 DP Tokens loaded, size=1474 bytes  
 2014-10-31 10:01:39.390 webserver advertising 192.168.200.119:5380  
 2014-10-31 10:01:39.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-10-31 10:01:39.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-10-31 10:01:39.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-10-31 10:01:39.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-10-31 10:01:39.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-10-31 10:01:39.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-10-31 10:01:39.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-10-31 10:01:39.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-10-31 10:01:39.390 [2014-10-30 22:00:45.999998] continuity found: 17956555  
 468021646.000000 Q=100  
 2014-10-31 10:01:39.390 [2014-10-30 22:00:45.999998] restoring continuity  
 2014-10-31 10:01:39.390 Sending DT\_OPEN  
 2014-10-31 10:01:39.390 Station: XX-2017  
 2014-10-31 10:01:39.390 Q330 Serial Number: 0100000DB18FC351  
 2014-10-31 10:01:39.390 AMB Serial Number: 0100000B6909DD82  
 2014-10-31 10:01:39.390 Seismo 1 Serial Number: 0000000000000000  
 2014-10-31 10:01:39.390 Seismo 2 Serial Number: 0000000000000000  
 2014-10-31 10:01:39.390 QAPCHP 1 Serial Number: 4643206  
 2014-10-31 10:01:39.390 QAPCHP 2 Serial Number: 3743050  
 2014-10-31 10:01:39.390 KMI Property Tag Number: 2017  
 2014-10-31 10:01:39.390 System Software Version: 1.146  
 2014-10-31 10:01:39.390 Slave Processor Version: 1.11  
 2014-10-31 10:01:39.390 Calibrator Type: QCAL330  
 2014-10-31 10:01:39.390 Calibrator Version: 1.8  
 2014-10-31 10:01:39.390 Auxiliary Board Type: None  
 2014-10-31 10:01:39.390 Clock Type: Motorola M12  
 2014-10-31 10:01:39.390 PLD Version: 7.9  
 2014-10-31 10:01:39.390 Total Hours: 70142.56  
 2014-10-31 10:01:39.390 Power On Hours: 34772.94  
 2014-10-31 10:01:39.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-10-31 10:01:39.390 Total Number of Boots: 120  
 2014-10-31 10:01:39.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-10-31 10:01:39.390 Total Number of Re-Syncs: 213  
 2014-10-31 10:01:39.390 Status Inputs: 00000000  
 2014-10-31 10:01:39.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-10-31 10:01:39.390 Clock Quality: 100%  
 2014-10-31 10:01:39.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-10-31 10:01:39.390 Clock Phase: 0 usec. max allowed=50000  
 2014-10-31 10:01:39.390 Boom positions:  
 2014-10-31 10:01:39.390 Ch1: -2 Ch2: -1 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-10-31 10:01:39.390 Analog Status  
 2014-10-31 10:01:39.390 Analog Positive Supply: 5.46V  
 2014-10-31 10:01:39.390 Input Voltage: 13.35V  
 2014-10-31 10:01:39.390 System Temperature: 5C  
 2014-10-31 10:01:39.390 Main Current: 62ma  
 2014-10-31 10:01:39.390 Antenna Current: 0ma  
 2014-10-31 10:01:39.390 GPS Status  
 2014-10-31 10:01:39.390 Time: 10:01:38  
 2014-10-31 10:01:39.390 Date:  
 2014-10-31 10:01:39.390 Fix Type: 1-D  
 2014-10-31 10:01:39.390 Height:  
 2014-10-31 10:01:39.390 Latitude:  
 2014-10-31 10:01:39.390 Longitude:

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2014-10-31 10:01:39.390 On Time: 0min
2014-10-31 10:01:39.390 Sat. Used: 0
2014-10-31 10:01:39.390 In View: 0
2014-10-31 10:01:39.390 Checksum Errors: 0
2014-10-31 10:01:39.390 Last GPS timemark: 2014-10-31 10:01:37
2014-10-31 10:01:39.390 PLL Status
2014-10-31 10:01:39.390 State: Lock
2014-10-31 10:01:39.390 Initial VCO: 2201.000000
2014-10-31 10:01:39.390 Time Error: 0.000000
2014-10-31 10:01:39.390 RMS VCO: 0.000000
2014-10-31 10:01:39.390 Best VCO: 2201.00
2014-10-31 10:01:39.390 Seconds Since Track or Lock: 0.0
2014-10-31 10:01:39.390 Vco Control: 2201
2014-10-31 10:01:39.390 timing mode: external seascan
2014-10-31 10:01:39.390 tempco normal
2014-10-31 10:01:39.390 PLL update: 10s PLL lock criterion: 5us
2014-10-31 10:01:39.390 Pfrac: 150.00
2014-10-31 10:01:39.390 VCO slope: -0.0175000
2014-10-31 10:01:39.390 VCO intercept: 7.1100001
2014-10-31 10:01:39.390 Km delta: 600.0000000
2014-10-31 10:01:39.390 Logical Port 4 Status
2014-10-31 10:01:39.390 Data Packets Sent: 20614649
2014-10-31 10:01:39.390 Flood Packets Sent: 0
2014-10-31 10:01:39.390 Packets Re-Sent: 32706
2014-10-31 10:01:39.390 Sequence Errors: 0
2014-10-31 10:01:39.390 Packet Buffer Used: 21666000
2014-10-31 10:01:39.390 Physical Port: Ethernet
2014-10-31 10:01:39.390 Baler Model: 14 Software Version: 2.28
2014-10-31 10:01:39.390 MAC Address: 00:04:FB:00:02:EA
2014-10-31 10:01:39.390 Disk Size: 20000669696
2014-10-31 10:01:39.390 Percent of 1177 data files in use: 39.9
2014-10-31 10:01:39.390 Channels Enabled: 1234 Preamps ON channels:
2014-10-31 10:01:39.390 Channel Sensitivities (uV per count):
2014-10-31 10:01:39.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-31 10:01:39.390 Digitizer Calibration Results:
2014-10-31 10:01:39.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-31 10:01:39.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-31 10:01:39.390 DMU1 Software Version=10
2014-10-31 10:01:39.390 Supply Voltage=12.7
2014-10-31 10:01:39.390 Supply Current=0.41
2014-10-31 10:01:39.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-31 10:01:39.390 WebLink Data Maps Restored
2014-10-31 10:01:39.390 [2014-10-30 22:00:45.999998] sequence resumes: 17956555 to
17956555
2014-10-31 10:01:39.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-31 10:01:38
2014-10-31 10:01:39.390 [2014-10-31 00:00:00.000000] Saving Configuration to Backup
Memory
2014-10-31 10:07:04.170 Reducing Status Polling Interval
2014-10-31 10:07:04.170 [2014-10-31 10:07:02.999998] total packets received: 44543
2014-10-31 10:07:04.170 [2014-10-31 10:07:02.999998] command timeouts: 6
2014-10-31 10:07:04.170 [2014-10-31 10:07:02.999998] out of window: 62
2014-10-31 10:07:04.170 written: HHZ-1146 HH1-1316 HH2-1334 BDH-444 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-10-31 10:07:04.170 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-1 VM1-1
2014-10-31 10:07:04.170 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-10-31 10:07:04.170 [2014-10-31 10:07:02.999998] Done: 4379 recs. seq end:
18000132. run: 320 s
2014-10-31 22:07:55.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-10-31 22:07:55.350 Control Port 2491 Opened
2014-10-31 22:07:55.350 Baler ready on Ethernet
2014-10-31 22:07:55.350 Power Cycled Baler Acknowledged

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2014-10-31 22:07:55.350 Commands Accepted by Q330
2014-10-31 22:07:55.350 Access timeout: 300 sec
2014-10-31 22:07:55.350 Control Port 4023 Opened
2014-10-31 22:07:55.350 Data Port 4024 Opened
2014-10-31 22:07:55.350 Registered with Q330
2014-10-31 22:07:55.350 Combination Record Received
2014-10-31 22:07:55.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-10-31 22:07:55.350 Link Reset, starting window sequence: 13120
2014-10-31 22:07:55.350 GPS Receiver ID Received
2014-10-31 22:07:55.350 Manufacturer's Data Received, Property Tag=2017
2014-10-31 22:07:55.350 Digitizer Gain & Offsets Received
2014-10-31 22:07:55.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4379 recs.
seq end: 18000132
2014-10-31 22:07:55.350 Baler clock set to 2014-10-31 22:07:54
2014-10-31 22:07:55.350 Starting to Read DP Tokens
2014-10-31 22:07:55.350 DP Tokens loaded, size=1474 bytes
2014-10-31 22:07:55.350 Webserver advertising 192.168.200.119:5380
2014-10-31 22:07:55.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-10-31 22:07:55.350 filters & delay HH1:2@100,Linear all=0.320000
2014-10-31 22:07:55.350 filters & delay HH2:3@100,Linear all=0.320000
2014-10-31 22:07:55.350 filters & delay BDH:4@20,Linear all=1.650000
2014-10-31 22:07:55.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-10-31 22:07:55.350 filters & delay LH1:2@1,Linear all=15.000000
2014-10-31 22:07:55.350 filters & delay LH2:3@1,Linear all=15.000000
2014-10-31 22:07:55.350 filters & delay LDH:4@1,Linear all=15.000000
2014-10-31 22:07:55.350 [2014-10-31 10:07:02.999998] continuity found: 18000132
468065223.000000 Q=100
2014-10-31 22:07:55.350 [2014-10-31 10:07:02.999998] restoring continuity
2014-10-31 22:07:55.350 Sending DT_OPEN
2014-10-31 22:07:55.350 Station: XX-2017
2014-10-31 22:07:55.350 Q330 Serial Number: 0100000DB18FC351
2014-10-31 22:07:55.350 AMB Serial Number: 0100000B6909DD82
2014-10-31 22:07:55.350 Seismo 1 Serial Number: 0000000000000000
2014-10-31 22:07:55.350 Seismo 2 Serial Number: 0000000000000000
2014-10-31 22:07:55.350 QAPCHP 1 Serial Number: 4643206
2014-10-31 22:07:55.350 QAPCHP 2 Serial Number: 3743050
2014-10-31 22:07:55.350 KMI Property Tag Number: 2017
2014-10-31 22:07:55.350 System Software Version: 1.146
2014-10-31 22:07:55.350 Slave Processor Version: 1.11
2014-10-31 22:07:55.350 Calibrator Type: QCAL330
2014-10-31 22:07:55.350 Calibrator Version: 1.8
2014-10-31 22:07:55.350 Auxiliary Board Type: None
2014-10-31 22:07:55.350 Clock Type: Motorola M12
2014-10-31 22:07:55.350 PLD Version: 7.9
2014-10-31 22:07:55.350 Total Hours: 70154.66
2014-10-31 22:07:55.350 Power On Hours: 34785.05
2014-10-31 22:07:55.350 Time of Last Boot: 2014-04-06 02:03:58
2014-10-31 22:07:55.350 Total Number of Boots: 120
2014-10-31 22:07:55.350 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-10-31 22:07:55.350 Total Number of Re-Syncs: 213
2014-10-31 22:07:55.350 Status Inputs: 00000000
2014-10-31 22:07:55.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-10-31 22:07:55.350 Clock Quality: 100%
2014-10-31 22:07:55.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-10-31 22:07:55.350 Clock Phase: 0 usec. max allowed=50000
2014-10-31 22:07:55.350 Boom positions:
2014-10-31 22:07:55.350 ch1: -2 ch2: 1 ch3: 0 ch4: 20 ch5: 20 ch6: 20
2014-10-31 22:07:55.350 Analog Status
2014-10-31 22:07:55.350 Analog Positive Supply: 5.44V
2014-10-31 22:07:55.350 Input Voltage: 13.20V
2014-10-31 22:07:55.350 System Temperature: 5C
2014-10-31 22:07:55.350 Main Current: 62ma
2014-10-31 22:07:55.350 Antenna Current: 0ma

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2014-10-31 22:07:55.350 GPS Status
2014-10-31 22:07:55.350 Time: 22:07:54
2014-10-31 22:07:55.350 Date:
2014-10-31 22:07:55.350 Fix Type: 1-D
2014-10-31 22:07:55.350 Height:
2014-10-31 22:07:55.350 Latitude:
2014-10-31 22:07:55.350 Longitude:
2014-10-31 22:07:55.350 On Time: 0min
2014-10-31 22:07:55.350 Sat. Used: 0
2014-10-31 22:07:55.350 In View: 0
2014-10-31 22:07:55.350 Checksum Errors: 0
2014-10-31 22:07:55.350 Last GPS timemark: 2014-10-31 22:07:53
2014-10-31 22:07:55.350 PLL Status
2014-10-31 22:07:55.350 State: Lock
2014-10-31 22:07:55.350 Intitial VCO: 2200.903809
2014-10-31 22:07:55.350 Time Error: 0.000000
2014-10-31 22:07:55.350 RMS VCO: 0.0000000
2014-10-31 22:07:55.350 Best VCO: 2200.93
2014-10-31 22:07:55.350 Seconds Since Track or Lock: 0.0
2014-10-31 22:07:55.350 Vco Control: 2201
2014-10-31 22:07:55.350 timing mode: external seascan
2014-10-31 22:07:55.350 tempco normal
2014-10-31 22:07:55.350 PLL update: 10s PLL lock criterion: 5us
2014-10-31 22:07:55.350 Pfrac: 150.00
2014-10-31 22:07:55.350 VCO slope: -0.0175000
2014-10-31 22:07:55.350 VCO intercept: 7.1100001
2014-10-31 22:07:55.350 km delta: 600.0000000
2014-10-31 22:07:55.350 Logical Port 4 Status
2014-10-31 22:07:55.350 Data Packets Sent: 20659100
2014-10-31 22:07:55.350 Flood Packets Sent: 0
2014-10-31 22:07:55.350 Packets Re-Sent: 32784
2014-10-31 22:07:55.350 Sequence Errors: 0
2014-10-31 22:07:55.350 Packet Buffer Used: 22081648
2014-10-31 22:07:55.350 Physical Port: Ethernet
2014-10-31 22:07:55.350 Baler Model: 14 Software Version: 2.28
2014-10-31 22:07:55.350 MAC Address: 00:04:FB:00:02:EA
2014-10-31 22:07:55.350 Disk Size: 20000669696
2014-10-31 22:07:55.350 Percent of 1177 data files in use: 39.9
2014-10-31 22:07:55.350 Channels Enabled: 1234 Preamps ON channels:
2014-10-31 22:07:55.350 Channel Sensitivities (uV per count):
2014-10-31 22:07:55.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-10-31 22:07:55.350 Digitizer Calibration Results:
2014-10-31 22:07:55.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-10-31 22:07:55.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-10-31 22:07:55.350 DMU1 Software Version=10
2014-10-31 22:07:55.350 Supply Voltage=12.7
2014-10-31 22:07:55.350 Supply Current=0.41
2014-10-31 22:07:55.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-10-31 22:07:55.350 webLink Data Maps Restored
2014-10-31 22:07:55.350 [2014-10-31 10:07:02.999998] sequence resumes: 18000132 to
18000132
2014-10-31 22:07:55.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-10-31 22:07:54
2014-10-31 22:13:36.830 Reducing Status Polling Interval
2014-10-31 22:13:36.830 [2014-10-31 22:13:36.000000] total packets received: 48812
2014-10-31 22:13:36.830 [2014-10-31 22:13:36.000000] command timeouts: 6
2014-10-31 22:13:36.830 [2014-10-31 22:13:36.000000] out of window: 88
2014-10-31 22:13:36.830 written: HHZ-1180 HH1-1367 HH2-1351 BDH-448 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-10-31 22:13:36.830 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2014-10-31 22:13:36.830 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-10-31 22:13:36.830 [2014-10-31 22:13:36.000000] Done: 4490 recs. seq end:

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18043725. run: 336 s
2014-11-01 10:14:28.400
2014-11-01 10:14:28.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-01 10:14:28.400 Control Port 2491 Opened
2014-11-01 10:14:28.400 Baler ready on Ethernet
2014-11-01 10:14:28.400 Power Cycled Baler Acknowledged
2014-11-01 10:14:28.400 Commands Accepted by Q330
2014-11-01 10:14:28.400 Access timeout: 300 sec
2014-11-01 10:14:28.400 Control Port 4023 Opened
2014-11-01 10:14:28.400 Data Port 4024 Opened
2014-11-01 10:14:28.400 Registered with Q330
2014-11-01 10:14:28.400 Combination Record Received
2014-11-01 10:14:28.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-01 10:14:28.400 Link Reset, starting window sequence: 61808
2014-11-01 10:14:28.400 GPS Receiver ID Received
2014-11-01 10:14:28.400 Manufacturer's Data Received, Property Tag=2017
2014-11-01 10:14:28.400 Digitizer Gain & Offsets Received
2014-11-01 10:14:28.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4490 recs.
seq end: 18043725
2014-11-01 10:14:28.400 Baler clock set to 2014-11-01 10:14:27
2014-11-01 10:14:28.400 Starting to Read DP Tokens
2014-11-01 10:14:28.400 DP Tokens loaded, size=1474 bytes
2014-11-01 10:14:28.400 webserver advertising 192.168.200.119:5380
2014-11-01 10:14:28.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-01 10:14:28.400 filters & delay HH1:2@100,Linear all=0.320000
2014-11-01 10:14:28.400 filters & delay HH2:3@100,Linear all=0.320000
2014-11-01 10:14:28.400 filters & delay BDH:4@20,Linear all=1.650000
2014-11-01 10:14:28.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-01 10:14:28.400 filters & delay LH1:2@1,Linear all=15.000000
2014-11-01 10:14:28.400 filters & delay LH2:3@1,Linear all=15.000000
2014-11-01 10:14:28.400 filters & delay LDH:4@1,Linear all=15.000000
2014-11-01 10:14:28.400 [2014-10-31 22:13:36.000000] continuity found: 18043725
468108816.000000 Q=100
2014-11-01 10:14:28.400 [2014-10-31 22:13:36.000000] restoring continuity
2014-11-01 10:14:28.400 Sending DT_OPEN
2014-11-01 10:14:28.400 Station: XX-2017
2014-11-01 10:14:28.400 Q330 Serial Number: 0100000DB18FC351
2014-11-01 10:14:28.400 AMB Serial Number: 0100000B6909DD82
2014-11-01 10:14:28.400 Seismo 1 Serial Number: 0000000000000000
2014-11-01 10:14:28.400 Seismo 2 Serial Number: 0000000000000000
2014-11-01 10:14:28.400 QAPCHP 1 Serial Number: 4643206
2014-11-01 10:14:28.400 QAPCHP 2 Serial Number: 3743050
2014-11-01 10:14:28.400 KMI Property Tag Number: 2017
2014-11-01 10:14:28.400 System Software Version: 1.146
2014-11-01 10:14:28.400 Slave Processor Version: 1.11
2014-11-01 10:14:28.400 Calibrator Type: QCAL330
2014-11-01 10:14:28.400 Calibrator Version: 1.8
2014-11-01 10:14:28.400 Auxiliary Board Type: None
2014-11-01 10:14:28.400 Clock Type: Motorola M12
2014-11-01 10:14:28.400 PLD Version: 7.9
2014-11-01 10:14:28.400 Total Hours: 70166.77
2014-11-01 10:14:28.400 Power On Hours: 34797.16
2014-11-01 10:14:28.400 Time of Last Boot: 2014-04-06 02:03:58
2014-11-01 10:14:28.400 Total Number of Boots: 120
2014-11-01 10:14:28.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-01 10:14:28.400 Total Number of Re-Syncs: 213
2014-11-01 10:14:28.400 Status Inputs: 00000000
2014-11-01 10:14:28.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-01 10:14:28.400 Clock Quality: 100%
2014-11-01 10:14:28.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-01 10:14:28.400 Clock Phase: 0 usec. max allowed=50000
2014-11-01 10:14:28.400 Boom positions:
2014-11-01 10:14:28.400 ch1: -2 ch2: 1 ch3: 1 ch4: 20 ch5: 20 ch6: 20

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2014-11-01 10:14:28.400 Analog Status
2014-11-01 10:14:28.400 Analog Positive Supply: 5.46v
2014-11-01 10:14:28.400 Input Voltage: 13.20v
2014-11-01 10:14:28.400 System Temperature: 5C
2014-11-01 10:14:28.400 Main Current: 62ma
2014-11-01 10:14:28.400 Antenna Current: 0ma
2014-11-01 10:14:28.400 GPS Status
2014-11-01 10:14:28.400 Time: 10:14:27
2014-11-01 10:14:28.400 Date:
2014-11-01 10:14:28.400 Fix Type: 1-D
2014-11-01 10:14:28.400 Height:
2014-11-01 10:14:28.400 Latitude:
2014-11-01 10:14:28.400 Longitude:
2014-11-01 10:14:28.400 On Time: 0min
2014-11-01 10:14:28.400 Sat. Used: 0
2014-11-01 10:14:28.400 In View: 0
2014-11-01 10:14:28.400 Checksum Errors: 0
2014-11-01 10:14:28.400 Last GPS timemark: 2014-11-01 10:14:26
2014-11-01 10:14:28.400 PLL Status
2014-11-01 10:14:28.400 State: Lock
2014-11-01 10:14:28.400 Initial VCO: 2200.742676
2014-11-01 10:14:28.400 Time Error: 0.000000
2014-11-01 10:14:28.400 Best VCO: 2200.63
2014-11-01 10:14:28.400 Seconds Since Track or Lock: 0.0
2014-11-01 10:14:28.400 Vco Control: 2201
2014-11-01 10:14:28.400 timing mode: external seascan
2014-11-01 10:14:28.400 tempco normal
2014-11-01 10:14:28.400 PLL update: 10s PLL lock criterion: 5us
2014-11-01 10:14:28.400 Pfrac: 150.00
2014-11-01 10:14:28.400 VCO slope: -0.0175000
2014-11-01 10:14:28.400 VCO intercept: 7.1100001
2014-11-01 10:14:28.400 Km delta: 600.0000000
2014-11-01 10:14:28.400 Logical Port 4 Status
2014-11-01 10:14:28.400 Data Packets Sent: 20707793
2014-11-01 10:14:28.400 Flood Packets Sent: 0
2014-11-01 10:14:28.400 Packets Re-Sent: 32883
2014-11-01 10:14:28.400 Sequence Errors: 0
2014-11-01 10:14:28.400 Packet Buffer Used: 21889108
2014-11-01 10:14:28.400 Physical Port: Ethernet
2014-11-01 10:14:28.400 Baler Model: 14 Software Version: 2.28
2014-11-01 10:14:28.400 MAC Address: 00:04:FB:00:02:EA
2014-11-01 10:14:28.400 Disk Size: 20000669696
2014-11-01 10:14:28.400 Percent of 1177 data files in use: 40.1
2014-11-01 10:14:28.400 Channels Enabled: 1234 Preamps ON channels:
2014-11-01 10:14:28.400 Channel Sensitivities (uV per count):
2014-11-01 10:14:28.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-01 10:14:28.400 Digitizer Calibration Results:
2014-11-01 10:14:28.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-01 10:14:28.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-01 10:14:28.400 DMU1 Software Version=10
2014-11-01 10:14:28.400 Supply Voltage=12.7
2014-11-01 10:14:28.400 Supply Current=0.41
2014-11-01 10:14:28.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-01 10:14:28.400 webLink Data Maps Restored
2014-11-01 10:14:28.400 [2014-10-31 22:13:36.000000] sequence resumes: 18043725 to
18043725
2014-11-01 10:14:28.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-01 10:14:27
2014-11-01 10:14:28.400 [2014-11-01 00:00:00.000000] Saving Configuration to Backup
Memory
2014-11-01 10:19:56.970 Reducing Status Polling Interval
2014-11-01 10:19:56.970 [2014-11-01 10:19:55.999998] total packets received: 44530
2014-11-01 10:19:56.970 [2014-11-01 10:19:55.999998] command timeouts: 6

```

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```

2014-11-01 10:19:56.970 [2014-11-01 10:19:55.999998] out of window: 70
2014-11-01 10:19:56.970 written: HHZ-1144 HH1-1352 HH2-1354 BDH-448 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-11-01 10:19:56.970 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-29
VMZ-2 VM1-2
2014-11-01 10:19:56.970 written: VM2-2 LOG-2 ACE-2 OCF-2
2014-11-01 10:19:56.970 [2014-11-01 10:19:55.999998] Done: 4445 recs. seq end:
18087305. run: 323 s
2014-11-01 22:20:51.400
2014-11-01 22:20:51.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-01 22:20:51.400 Control Port 2491 Opened
2014-11-01 22:20:51.400 Baler ready on Ethernet
2014-11-01 22:20:51.400 Power Cycled Baler Acknowledged
2014-11-01 22:20:51.400 Commands Accepted by Q330
2014-11-01 22:20:51.400 Access timeout: 300 sec
2014-11-01 22:20:51.400 Control Port 4023 Opened
2014-11-01 22:20:51.400 Data Port 4024 Opened
2014-11-01 22:20:51.400 Registered with Q330
2014-11-01 22:20:51.400 Combination Record Received
2014-11-01 22:20:51.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-01 22:20:51.400 Link Reset, starting window sequence: 40697
2014-11-01 22:20:51.400 GPS Receiver ID Received
2014-11-01 22:20:51.400 Manufacturer's Data Received, Property Tag=2017
2014-11-01 22:20:51.400 Digitizer Gain & Offsets Received
2014-11-01 22:20:51.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4445 recs.
seq end: 18087305
2014-11-01 22:20:51.400 Baler clock set to 2014-11-01 22:20:50
2014-11-01 22:20:51.400 Starting to Read DP Tokens
2014-11-01 22:20:51.400 DP Tokens loaded, size=1474 bytes
2014-11-01 22:20:51.400 Webserver advertising 192.168.200.119:5380
2014-11-01 22:20:51.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-01 22:20:51.400 filters & delay HH1:2@100,Linear all=0.320000
2014-11-01 22:20:51.400 filters & delay HH2:3@100,Linear all=0.320000
2014-11-01 22:20:51.400 filters & delay BDH:4@20,Linear all=1.650000
2014-11-01 22:20:51.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-01 22:20:51.400 filters & delay LH1:2@1,Linear all=15.000000
2014-11-01 22:20:51.400 filters & delay LH2:3@1,Linear all=15.000000
2014-11-01 22:20:51.400 filters & delay LDH:4@1,Linear all=15.000000
2014-11-01 22:20:51.400 [2014-11-01 10:19:55.999998] continuity found: 18087305
468152396.000000 Q=100
2014-11-01 22:20:51.400 [2014-11-01 10:19:55.999998] restoring continuity
2014-11-01 22:20:51.400 Sending DT_OPEN
2014-11-01 22:20:51.400 Station: XX-2017
2014-11-01 22:20:51.400 Q330 Serial Number: 0100000DB18FC351
2014-11-01 22:20:51.400 AMB Serial Number: 0100000B6909DD82
2014-11-01 22:20:51.400 Seismo 1 Serial Number: 0000000000000000
2014-11-01 22:20:51.400 Seismo 2 Serial Number: 0000000000000000
2014-11-01 22:20:51.400 QAPCHP 1 Serial Number: 4643206
2014-11-01 22:20:51.400 QAPCHP 2 Serial Number: 3743050
2014-11-01 22:20:51.400 KMI Property Tag Number: 2017
2014-11-01 22:20:51.400 System Software Version: 1.146
2014-11-01 22:20:51.400 Slave Processor Version: 1.11
2014-11-01 22:20:51.400 Calibrator Type: QCAL330
2014-11-01 22:20:51.400 Calibrator Version: 1.8
2014-11-01 22:20:51.400 Auxiliary Board Type: None
2014-11-01 22:20:51.400 Clock Type: Motorola M12
2014-11-01 22:20:51.400 PLD Version: 7.9
2014-11-01 22:20:51.400 Total Hours: 70178.88
2014-11-01 22:20:51.400 Power On Hours: 34809.27
2014-11-01 22:20:51.400 Time of Last Boot: 2014-04-06 02:03:58
2014-11-01 22:20:51.400 Total Number of Boots: 120
2014-11-01 22:20:51.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-01 22:20:51.400 Total Number of Re-Syncs: 213

```



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2014-11-01 22:20:51.400 Status Inputs: 00000000  
 2014-11-01 22:20:51.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-01 22:20:51.400 Clock Quality: 100%  
 2014-11-01 22:20:51.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-01 22:20:51.400 Clock Phase: 0 usec. max allowed=50000  
 2014-11-01 22:20:51.400 Boom positions:  
 2014-11-01 22:20:51.400 Ch1: -2 ch2: 1 ch3: 1 ch4: 20 ch5: 20 ch6: 20  
 2014-11-01 22:20:51.400 Analog Status  
 2014-11-01 22:20:51.400 Analog Positive Supply: 5.46V  
 2014-11-01 22:20:51.400 Input Voltage: 13.35V  
 2014-11-01 22:20:51.400 System Temperature: 5C  
 2014-11-01 22:20:51.400 Main Current: 62ma  
 2014-11-01 22:20:51.400 Antenna Current: 0ma  
 2014-11-01 22:20:51.400 GPS Status  
 2014-11-01 22:20:51.400 Time: 22:20:50  
 2014-11-01 22:20:51.400 Date:  
 2014-11-01 22:20:51.400 Fix Type: 1-D  
 2014-11-01 22:20:51.400 Height:  
 2014-11-01 22:20:51.400 Latitude:  
 2014-11-01 22:20:51.400 Longitude:  
 2014-11-01 22:20:51.400 On Time: 0min  
 2014-11-01 22:20:51.400 Sat. Used: 0  
 2014-11-01 22:20:51.400 In View: 0  
 2014-11-01 22:20:51.400 Checksum Errors: 0  
 2014-11-01 22:20:51.400 Last GPS timemark: 2014-11-01 22:20:49  
 2014-11-01 22:20:51.400 PLL Status  
 2014-11-01 22:20:51.400 State: Lock  
 2014-11-01 22:20:51.400 Initial VCO: 2200.779785  
 2014-11-01 22:20:51.400 Time Error: 0.000000  
 2014-11-01 22:20:51.400 RMS VCO: 0.0000000  
 2014-11-01 22:20:51.400 Best VCO: 2200.81  
 2014-11-01 22:20:51.400 Seconds Since Track or Lock: 0.0  
 2014-11-01 22:20:51.400 Vco Control: 2201  
 2014-11-01 22:20:51.400 timing mode: external seascan  
 2014-11-01 22:20:51.400 tempco normal  
 2014-11-01 22:20:51.400 PLL update: 10s PLL lock criterion: 5us  
 2014-11-01 22:20:51.400 Pfrac: 150.00  
 2014-11-01 22:20:51.400 VCO slope: -0.0175000  
 2014-11-01 22:20:51.400 VCO intercept: 7.1100001  
 2014-11-01 22:20:51.400 km delta: 600.0000000  
 2014-11-01 22:20:51.400 Logical Port 4 Status  
 2014-11-01 22:20:51.400 Data Packets Sent: 20752223  
 2014-11-01 22:20:51.400 Flood Packets Sent: 0  
 2014-11-01 22:20:51.400 Packets Re-Sent: 32968  
 2014-11-01 22:20:51.400 Sequence Errors: 0  
 2014-11-01 22:20:51.400 Packet Buffer Used: 21920808  
 2014-11-01 22:20:51.400 Physical Port: Ethernet  
 2014-11-01 22:20:51.400 Baler Model: 14 Software Version: 2.28  
 2014-11-01 22:20:51.400 MAC Address: 00:04:FB:00:02:EA  
 2014-11-01 22:20:51.400 Disk Size: 20000669696  
 2014-11-01 22:20:51.400 Percent of 1177 data files in use: 40.3  
 2014-11-01 22:20:51.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-01 22:20:51.400 Channel Sensitivities (uV per count):  
 2014-11-01 22:20:51.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-01 22:20:51.400 Digitizer Calibration Results:  
 2014-11-01 22:20:51.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-01 22:20:51.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-01 22:20:51.400 DMU1 Software Version=10  
 2014-11-01 22:20:51.400 Supply Voltage=12.7  
 2014-11-01 22:20:51.400 Supply Current=0.41  
 2014-11-01 22:20:51.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-01 22:20:51.400 WebLink Data Maps Restored  
 2014-11-01 22:20:51.400 [2014-11-01 10:19:55.999998] sequence resumes: 18087305 to

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18087305
2014-11-01 22:20:51.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-01 22:20:50
2014-11-01 22:26:21.110 [2014-11-01 22:24:00.999998] total packets received: 45836
2014-11-01 22:26:21.110 [2014-11-01 22:24:00.999998] command timeouts: 6
2014-11-01 22:26:21.110 [2014-11-01 22:24:00.999998] out of window: 77
2014-11-01 22:26:21.110 written: HHZ-1158 HH1-1334 HH2-1354 BDH-446 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-11-01 22:26:21.110 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-30
VMZ-1 VM1-1
2014-11-01 22:26:21.110 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-11-01 22:26:21.110 [2014-11-01 22:24:00.999998] Done: 4435 recs. seq end:
18130750. run: 325 s
2014-11-02 10:27:14.390
2014-11-02 10:27:14.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-02 10:27:14.390 Control Port 2491 Opened
2014-11-02 10:27:14.390 Baler ready on Ethernet
2014-11-02 10:27:14.390 Power Cycled Baler Acknowledged
2014-11-02 10:27:14.390 Commands Accepted by Q330
2014-11-02 10:27:14.390 Access timeout: 300 sec
2014-11-02 10:27:14.390 Control Port 4023 Opened
2014-11-02 10:27:14.390 Data Port 4024 Opened
2014-11-02 10:27:14.390 Registered with Q330
2014-11-02 10:27:14.390 Combination Record Received
2014-11-02 10:27:14.390 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-02 10:27:14.390 Link Reset, starting window sequence: 20884
2014-11-02 10:27:14.390 GPS Receiver ID Received
2014-11-02 10:27:14.390 Manufacturer's Data Received, Property Tag=2017
2014-11-02 10:27:14.390 Digitizer Gain & Offsets Received
2014-11-02 10:27:14.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4435 recs.
seq end: 18130750
2014-11-02 10:27:14.390 Baler clock set to 2014-11-02 10:27:13
2014-11-02 10:27:14.390 Starting to Read DP Tokens
2014-11-02 10:27:14.390 DP Tokens loaded, size=1474 bytes
2014-11-02 10:27:14.390 webserver advertising 192.168.200.119:5380
2014-11-02 10:27:14.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-02 10:27:14.390 filters & delay HH1:2@100,Linear all=0.320000
2014-11-02 10:27:14.390 filters & delay HH2:3@100,Linear all=0.320000
2014-11-02 10:27:14.390 filters & delay BDH:4@20,Linear all=1.650000
2014-11-02 10:27:14.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-02 10:27:14.390 filters & delay LH1:2@1,Linear all=15.000000
2014-11-02 10:27:14.390 filters & delay LH2:3@1,Linear all=15.000000
2014-11-02 10:27:14.390 filters & delay LDH:4@1,Linear all=15.000000
2014-11-02 10:27:14.390 [2014-11-01 22:24:00.999998] continuity found: 18130750
468195841.000000 Q=100
2014-11-02 10:27:14.390 Sending DT_OPEN
2014-11-02 10:27:14.390 Station: XX-2017
2014-11-02 10:27:14.390 Q330 Serial Number: 0100000DB18FC351
2014-11-02 10:27:14.390 AMB Serial Number: 0100000B6909DD82
2014-11-02 10:27:14.390 Seismo 1 Serial Number: 0000000000000000
2014-11-02 10:27:14.390 Seismo 2 Serial Number: 0000000000000000
2014-11-02 10:27:14.390 QAPCHP 1 Serial Number: 4643206
2014-11-02 10:27:14.390 QAPCHP 2 Serial Number: 3743050
2014-11-02 10:27:14.390 KMI Property Tag Number: 2017
2014-11-02 10:27:14.390 System Software Version: 1.146
2014-11-02 10:27:14.390 Slave Processor Version: 1.11
2014-11-02 10:27:14.390 Calibrator Type: QCAL330
2014-11-02 10:27:14.390 Calibrator Version: 1.8
2014-11-02 10:27:14.390 Auxiliary Board Type: None
2014-11-02 10:27:14.390 Clock Type: Motorola M12
2014-11-02 10:27:14.390 PLD Version: 7.9
2014-11-02 10:27:14.390 Total Hours: 70190.99
2014-11-02 10:27:14.390 Power On Hours: 34821.37

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2014-11-02 10:27:14.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-02 10:27:14.390 Total Number of Boots: 120  
 2014-11-02 10:27:14.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-02 10:27:14.390 Total Number of Re-Syncs: 213  
 2014-11-02 10:27:14.390 Status Inputs: 00000000  
 2014-11-02 10:27:14.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-02 10:27:14.390 Clock Quality: 100%  
 2014-11-02 10:27:14.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-02 10:27:14.390 Clock Phase: 0 usec. max allowed=50000  
 2014-11-02 10:27:14.390 Boom positions:  
 2014-11-02 10:27:14.390 ch1: -2 ch2: 1 ch3: 3 ch4: 20 ch5: 20 ch6: 20  
 2014-11-02 10:27:14.390 Analog Status  
 2014-11-02 10:27:14.390 Analog Positive Supply: 5.46V  
 2014-11-02 10:27:14.390 Input Voltage: 13.20V  
 2014-11-02 10:27:14.390 System Temperature: 5C  
 2014-11-02 10:27:14.390 Main Current: 62ma  
 2014-11-02 10:27:14.390 Antenna Current: 0ma  
 2014-11-02 10:27:14.390 GPS Status  
 2014-11-02 10:27:14.390 Time: 10:27:13  
 2014-11-02 10:27:14.390 Date:  
 2014-11-02 10:27:14.390 Fix Type: 1-D  
 2014-11-02 10:27:14.390 Height:  
 2014-11-02 10:27:14.390 Latitude:  
 2014-11-02 10:27:14.390 Longitude:  
 2014-11-02 10:27:14.390 On Time: 0min  
 2014-11-02 10:27:14.390 Sat. Used: 0  
 2014-11-02 10:27:14.390 In View: 0  
 2014-11-02 10:27:14.390 Checksum Errors: 0  
 2014-11-02 10:27:14.390 Last GPS timemark: 2014-11-02 10:27:12  
 2014-11-02 10:27:14.390 PLL Status  
 2014-11-02 10:27:14.390 State: Lock  
 2014-11-02 10:27:14.390 Initial VCO: 2200.513672  
 2014-11-02 10:27:14.390 Time Error: 0.000000  
 2014-11-02 10:27:14.390 RMS VCO: 0.0000000  
 2014-11-02 10:27:14.390 Best VCO: 2200.19  
 2014-11-02 10:27:14.390 Seconds Since Track or Lock: 0.0  
 2014-11-02 10:27:14.390 Vco Control: 2200  
 2014-11-02 10:27:14.390 timing mode: external seascan  
 2014-11-02 10:27:14.390 tempco normal  
 2014-11-02 10:27:14.390 PLL update: 10s PLL lock criterion: 5us  
 2014-11-02 10:27:14.390 Pfrac: 150.00  
 2014-11-02 10:27:14.390 VCO slope: -0.0175000  
 2014-11-02 10:27:14.390 VCO intercept: 7.1100001  
 2014-11-02 10:27:14.390 Km delta: 600.0000000  
 2014-11-02 10:27:14.390 Logical Port 4 Status  
 2014-11-02 10:27:14.390 Data Packets Sent: 20797952  
 2014-11-02 10:27:14.390 Flood Packets Sent: 0  
 2014-11-02 10:27:14.390 Packets Re-Sent: 33065  
 2014-11-02 10:27:14.390 Sequence Errors: 0  
 2014-11-02 10:27:14.390 Packet Buffer Used: 24525672  
 2014-11-02 10:27:14.390 Physical Port: Ethernet  
 2014-11-02 10:27:14.390 Baler Model: 14 Software Version: 2.28  
 2014-11-02 10:27:14.390 MAC Address: 00:04:FB:00:02:EA  
 2014-11-02 10:27:14.390 Disk Size: 20000669696  
 2014-11-02 10:27:14.390 Percent of 1177 data files in use: 40.3  
 2014-11-02 10:27:14.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-02 10:27:14.390 Channel Sensitivities (uV per count):  
 2014-11-02 10:27:14.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-02 10:27:14.390 Digitizer Calibration Results:  
 2014-11-02 10:27:14.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-02 10:27:14.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-02 10:27:14.390 DMU1 Software Version=10  
 2014-11-02 10:27:14.390 Supply Voltage=12.6

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2014-11-02 10:27:14.390 Supply Current=0.41  
 2014-11-02 10:27:14.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-02 10:27:14.390 WebLink Data Maps Restored  
 2014-11-02 10:27:14.390 [2014-11-01 22:24:00.999998] sequence resumes: 18130750 to 18130750  
 2014-11-02 10:27:14.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-02 10:27:13  
 2014-11-02 10:27:14.390 [2014-11-02 00:00:00.000001] Saving Configuration to Backup Memory  
 2014-11-02 10:33:35.410 Reducing Status Polling Interval  
 2014-11-02 10:33:35.410 [2014-11-02 10:33:33.999998] total packets received: 74964  
 2014-11-02 10:33:35.410 [2014-11-02 10:33:33.999998] command timeouts: 6  
 2014-11-02 10:33:35.410 [2014-11-02 10:33:33.999998] out of window: 78  
 2014-11-02 10:33:35.410 written: HHZ-1349 HH1-1578 HH2-1535 BDH-461 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-11-02 10:33:35.410 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-27 LH1-35 LH2-36 LDH-42  
 VMZ-2 VM1-2  
 2014-11-02 10:33:35.410 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-11-02 10:33:35.410 [2014-11-02 10:33:33.999998] Done: 5107 recs. seq end: 18174523. run: 378 s  
 2014-11-02 22:34:31.380  
 2014-11-02 22:34:31.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-02 22:34:31.380 Control Port 2491 Opened  
 2014-11-02 22:34:31.380 Baler ready on Ethernet  
 2014-11-02 22:34:31.380 Power Cycled Baler Acknowledged  
 2014-11-02 22:34:31.380 Commands Accepted by Q330  
 2014-11-02 22:34:31.380 Access timeout: 300 sec  
 2014-11-02 22:34:31.380 Control Port 4023 Opened  
 2014-11-02 22:34:31.380 Data Port 4024 Opened  
 2014-11-02 22:34:31.380 Registered with Q330  
 2014-11-02 22:34:31.380 Combination Record Received  
 2014-11-02 22:34:31.380 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-02 22:34:31.380 Link Reset, starting window sequence: 30195  
 2014-11-02 22:34:31.380 GPS Receiver ID Received  
 2014-11-02 22:34:31.380 Manufacturer's Data Received, Property Tag=2017  
 2014-11-02 22:34:31.380 Digitizer Gain & Offsets Received  
 2014-11-02 22:34:31.380 Msg From 192.168.200.119:Baler XX-2017 readback. 5107 recs. seq end: 18174523  
 2014-11-02 22:34:31.380 Baler clock set to 2014-11-02 22:34:30  
 2014-11-02 22:34:31.380 Starting to Read DP Tokens  
 2014-11-02 22:34:31.380 DP Tokens loaded, size=1474 bytes  
 2014-11-02 22:34:31.380 Webserver advertising 192.168.200.119:5380  
 2014-11-02 22:34:31.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-02 22:34:31.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-02 22:34:31.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-02 22:34:31.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-02 22:34:31.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-02 22:34:31.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-02 22:34:31.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-02 22:34:31.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-02 22:34:31.380 [2014-11-02 10:33:33.999998] continuity found: 18174523  
 468239614.000000 Q=100  
 2014-11-02 22:34:31.380 [2014-11-02 10:33:33.999998] restoring continuity  
 2014-11-02 22:34:31.380 Sending DT\_OPEN  
 2014-11-02 22:34:31.380 Station: XX-2017  
 2014-11-02 22:34:31.380 Q330 Serial Number: 0100000DB18FC351  
 2014-11-02 22:34:31.380 AMB Serial Number: 0100000B6909DD82  
 2014-11-02 22:34:31.380 Seismo 1 Serial Number: 0000000000000000  
 2014-11-02 22:34:31.380 Seismo 2 Serial Number: 0000000000000000  
 2014-11-02 22:34:31.380 QAPCHP 1 Serial Number: 4643206  
 2014-11-02 22:34:31.380 QAPCHP 2 Serial Number: 3743050  
 2014-11-02 22:34:31.380 KMI Property Tag Number: 2017  
 2014-11-02 22:34:31.380 System Software Version: 1.146

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2014-11-02 22:34:31.380 Slave Processor Version: 1.11  
 2014-11-02 22:34:31.380 Calibrator Type: QCAL330  
 2014-11-02 22:34:31.380 Calibrator Version: 1.8  
 2014-11-02 22:34:31.380 Auxiliary Board Type: None  
 2014-11-02 22:34:31.380 Clock Type: Motorola M12  
 2014-11-02 22:34:31.380 PLD Version: 7.9  
 2014-11-02 22:34:31.380 Total Hours: 70203.11  
 2014-11-02 22:34:31.380 Power On Hours: 34833.49  
 2014-11-02 22:34:31.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-02 22:34:31.380 Total Number of Boots: 120  
 2014-11-02 22:34:31.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-02 22:34:31.380 Total Number of Re-Syncs: 213  
 2014-11-02 22:34:31.380 Status Inputs: 00000000  
 2014-11-02 22:34:31.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-02 22:34:31.380 Clock Quality: 100%  
 2014-11-02 22:34:31.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-02 22:34:31.380 Clock Phase: 0 usec. max allowed=50000  
 2014-11-02 22:34:31.380 Boom positions:  
 2014-11-02 22:34:31.380 ch1: -2 ch2: 1 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-11-02 22:34:31.380 Analog Status  
 2014-11-02 22:34:31.380 Analog Positive Supply: 5.46V  
 2014-11-02 22:34:31.380 Input Voltage: 13.35V  
 2014-11-02 22:34:31.380 System Temperature: 5C  
 2014-11-02 22:34:31.380 Main Current: 61ma  
 2014-11-02 22:34:31.380 Antenna Current: 0ma  
 2014-11-02 22:34:31.380 GPS Status  
 2014-11-02 22:34:31.380 Time: 22:34:30  
 2014-11-02 22:34:31.380 Date:  
 2014-11-02 22:34:31.380 Fix Type: 1-D  
 2014-11-02 22:34:31.380 Height:  
 2014-11-02 22:34:31.380 Latitude:  
 2014-11-02 22:34:31.380 Longitude:  
 2014-11-02 22:34:31.380 On Time: 0min  
 2014-11-02 22:34:31.380 Sat. Used: 0  
 2014-11-02 22:34:31.380 In View: 0  
 2014-11-02 22:34:31.380 Checksum Errors: 0  
 2014-11-02 22:34:31.380 Last GPS timemark: 2014-11-02 22:34:29  
 2014-11-02 22:34:31.380 PLL Status  
 2014-11-02 22:34:31.380 State: Lock  
 2014-11-02 22:34:31.380 Initial VCO: 2200.738037  
 2014-11-02 22:34:31.380 Time Error: 0.000000  
 2014-11-02 22:34:31.380 RMS VCO: 0.000000  
 2014-11-02 22:34:31.380 Best VCO: 2200.98  
 2014-11-02 22:34:31.380 Seconds Since Track or Lock: 0.0  
 2014-11-02 22:34:31.380 Vco Control: 2201  
 2014-11-02 22:34:31.380 timing mode: external seascan  
 2014-11-02 22:34:31.380 tempco normal  
 2014-11-02 22:34:31.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-02 22:34:31.380 Pfrac: 150.00  
 2014-11-02 22:34:31.380 VCO slope: -0.0175000  
 2014-11-02 22:34:31.380 VCO intercept: 7.1100001  
 2014-11-02 22:34:31.380 km delta: 600.0000000  
 2014-11-02 22:34:31.380 Logical Port 4 Status  
 2014-11-02 22:34:31.380 Data Packets Sent: 20872805  
 2014-11-02 22:34:31.380 Flood Packets Sent: 0  
 2014-11-02 22:34:31.380 Packets Re-Sent: 33161  
 2014-11-02 22:34:31.380 Sequence Errors: 0  
 2014-11-02 22:34:31.380 Packet Buffer Used: 24556880  
 2014-11-02 22:34:31.380 Physical Port: Ethernet  
 2014-11-02 22:34:31.380 Baler Model: 14 Software Version: 2.28  
 2014-11-02 22:34:31.380 MAC Address: 00:04:FB:00:02:EA  
 2014-11-02 22:34:31.380 Disk Size: 20000669696  
 2014-11-02 22:34:31.380 Percent of 1177 data files in use: 40.4

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2014-11-02 22:34:31.380 Channels Enabled: 1234 Preamps ON channels:
2014-11-02 22:34:31.380 Channel Sensitivities (uV per count):
2014-11-02 22:34:31.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-02 22:34:31.380 Digitizer Calibration Results:
2014-11-02 22:34:31.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-02 22:34:31.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-02 22:34:31.380 DMU1 Software Version=10
2014-11-02 22:34:31.380 Supply Voltage=12.7
2014-11-02 22:34:31.380 Supply Current=0.41
2014-11-02 22:34:31.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-02 22:34:31.380 webLink Data Maps Restored
2014-11-02 22:34:31.380 [2014-11-02 10:33:33.999998] sequence resumes: 18174523 to
18174523
2014-11-02 22:34:31.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-02 22:34:30
2014-11-02 22:41:01.350 [2014-11-02 22:40:09.999998] command timeouts: 6
2014-11-02 22:41:01.350 [2014-11-02 22:40:09.999998] out of window: 96
2014-11-02 22:41:01.350 written: HHZ-1343 HH1-1572 HH2-1549 BDH-461 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-11-02 22:41:01.350 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-28 LH1-37 LH2-39 LDH-45
VMZ-2 VM1-2
2014-11-02 22:41:01.350 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-11-02 22:41:01.350 [2014-11-02 22:40:09.999998] Done: 5121 recs. seq end:
18218119. run: 385 s
2014-11-03 10:41:51.330
2014-11-03 10:41:51.330 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-03 10:41:51.330 Control Port 2491 Opened
2014-11-03 10:41:51.330 Baler ready on Ethernet
2014-11-03 10:41:51.330 Power Cycled Baler Acknowledged
2014-11-03 10:41:51.330 Commands Accepted by Q330
2014-11-03 10:41:51.330 Access timeout: 300 sec
2014-11-03 10:41:51.330 Control Port 4023 Opened
2014-11-03 10:41:51.330 Data Port 4024 Opened
2014-11-03 10:41:51.330 Registered with Q330
2014-11-03 10:41:51.330 Combination Record Received
2014-11-03 10:41:51.330 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-03 10:41:51.330 Link Reset, starting window sequence: 41258
2014-11-03 10:41:51.330 GPS Receiver ID Received
2014-11-03 10:41:51.330 Manufacturer's Data Received, Property Tag=2017
2014-11-03 10:41:51.330 Digitizer Gain & Offsets Received
2014-11-03 10:41:51.330 Msg From 192.168.200.119:Baler XX-2017 readback. 5121 recs.
seq end: 18218119
2014-11-03 10:41:51.330 Baler clock set to 2014-11-03 10:41:50
2014-11-03 10:41:51.330 Starting to Read DP Tokens
2014-11-03 10:41:51.330 DP Tokens loaded, size=1474 bytes
2014-11-03 10:41:51.330 webserver advertising 192.168.200.119:5380
2014-11-03 10:41:51.330 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-03 10:41:51.330 filters & delay HH1:2@100,Linear all=0.320000
2014-11-03 10:41:51.330 filters & delay HH2:3@100,Linear all=0.320000
2014-11-03 10:41:51.330 filters & delay BDH:4@20,Linear all=1.650000
2014-11-03 10:41:51.330 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-03 10:41:51.330 filters & delay LH1:2@1,Linear all=15.000000
2014-11-03 10:41:51.330 filters & delay LH2:3@1,Linear all=15.000000
2014-11-03 10:41:51.330 filters & delay LDH:4@1,Linear all=15.000000
2014-11-03 10:41:51.330 [2014-11-02 22:40:09.999998] continuity found: 18218119
468283210.000000 Q=100
2014-11-03 10:41:51.330 [2014-11-02 22:40:09.999998] restoring continuity
2014-11-03 10:41:51.330 Sending DT_OPEN
2014-11-03 10:41:51.330 Station: XX-2017
2014-11-03 10:41:51.330 Q330 Serial Number: 0100000DB18FC351
2014-11-03 10:41:51.330 AMB Serial Number: 0100000B6909DD82
2014-11-03 10:41:51.330 Seismo 1 Serial Number: 0000000000000000
2014-11-03 10:41:51.330 Seismo 2 Serial Number: 0000000000000000

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2014-11-03 10:41:51.330 QAPCHP 1 Serial Number: 4643206  
 2014-11-03 10:41:51.330 QAPCHP 2 Serial Number: 3743050  
 2014-11-03 10:41:51.330 KMI Property Tag Number: 2017  
 2014-11-03 10:41:51.330 System Software Version: 1.146  
 2014-11-03 10:41:51.330 Slave Processor Version: 1.11  
 2014-11-03 10:41:51.330 Calibrator Type: QCAL330  
 2014-11-03 10:41:51.330 Calibrator Version: 1.8  
 2014-11-03 10:41:51.330 Auxiliary Board Type: None  
 2014-11-03 10:41:51.330 Clock Type: Motorola M12  
 2014-11-03 10:41:51.330 PLD Version: 7.9  
 2014-11-03 10:41:51.330 Total Hours: 70215.23  
 2014-11-03 10:41:51.330 Power On Hours: 34845.62  
 2014-11-03 10:41:51.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-03 10:41:51.330 Total Number of Boots: 120  
 2014-11-03 10:41:51.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-03 10:41:51.330 Total Number of Re-Syncs: 213  
 2014-11-03 10:41:51.330 Status Inputs: 00000000  
 2014-11-03 10:41:51.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-03 10:41:51.330 Clock Quality: 100%  
 2014-11-03 10:41:51.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-03 10:41:51.330 Clock Phase: 0 usec. max allowed=50000  
 2014-11-03 10:41:51.330 Boom positions:  
 2014-11-03 10:41:51.330 ch1: -2 ch2: 1 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-11-03 10:41:51.330 Analog Status  
 2014-11-03 10:41:51.330 Analog Positive Supply: 5.46V  
 2014-11-03 10:41:51.330 Input Voltage: 13.35V  
 2014-11-03 10:41:51.330 System Temperature: 5C  
 2014-11-03 10:41:51.330 Main Current: 61ma  
 2014-11-03 10:41:51.330 Antenna Current: 0ma  
 2014-11-03 10:41:51.330 GPS Status  
 2014-11-03 10:41:51.330 Time: 10:41:49  
 2014-11-03 10:41:51.330 Date:  
 2014-11-03 10:41:51.330 Fix Type: 1-D  
 2014-11-03 10:41:51.330 Height:  
 2014-11-03 10:41:51.330 Latitude:  
 2014-11-03 10:41:51.330 Longitude:  
 2014-11-03 10:41:51.330 On Time: 0min  
 2014-11-03 10:41:51.330 Sat. Used: 0  
 2014-11-03 10:41:51.330 In View: 0  
 2014-11-03 10:41:51.330 Checksum Errors: 0  
 2014-11-03 10:41:51.330 Last GPS timemark: 2014-11-03 10:41:48  
 2014-11-03 10:41:51.330 PLL Status  
 2014-11-03 10:41:51.330 State: Lock  
 2014-11-03 10:41:51.330 Initial VCO: 2200.634766  
 2014-11-03 10:41:51.330 Time Error: 0.000000  
 2014-11-03 10:41:51.330 RMS VCO: 0.0000000  
 2014-11-03 10:41:51.330 Best VCO: 2200.53  
 2014-11-03 10:41:51.330 Seconds Since Track or Lock: 0.0  
 2014-11-03 10:41:51.330 vco Control: 2201  
 2014-11-03 10:41:51.330 timing mode: external seascan  
 2014-11-03 10:41:51.330 tempco normal  
 2014-11-03 10:41:51.330 PLL update: 10s PLL lock criterion: 5us  
 2014-11-03 10:41:51.330 Pfrac: 150.00  
 2014-11-03 10:41:51.330 VCO slope: -0.0175000  
 2014-11-03 10:41:51.330 VCO intercept: 7.1100001  
 2014-11-03 10:41:51.330 km delta: 600.0000000  
 2014-11-03 10:41:51.330 Logical Port 4 Status  
 2014-11-03 10:41:51.330 Data Packets Sent: 20949411  
 2014-11-03 10:41:51.330 Flood Packets Sent: 0  
 2014-11-03 10:41:51.330 Packets Re-Sent: 33265  
 2014-11-03 10:41:51.330 Sequence Errors: 0  
 2014-11-03 10:41:51.330 Packet Buffer Used: 23806244  
 2014-11-03 10:41:51.330 Physical Port: Ethernet

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2014-11-03 10:41:51.330 Baler Model: 14 Software Version: 2.28
2014-11-03 10:41:51.330 MAC Address: 00:04:FB:00:02:EA
2014-11-03 10:41:51.330 Disk Size: 20000669696
2014-11-03 10:41:51.330 Percent of 1177 data files in use: 40.5
2014-11-03 10:41:51.330 Channels Enabled: 1234 Preamps ON channels:
2014-11-03 10:41:51.330 Channel Sensitivities (uV per count):
2014-11-03 10:41:51.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-03 10:41:51.330 Digitizer Calibration Results:
2014-11-03 10:41:51.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-03 10:41:51.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-03 10:41:51.330 DMU1 Software Version=10
2014-11-03 10:41:51.330 Supply Voltage=12.7
2014-11-03 10:41:51.330 Supply Current=0.41
2014-11-03 10:41:51.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-03 10:41:51.330 WebLink Data Maps Restored
2014-11-03 10:41:51.330 [2014-11-02 22:40:09.999998] sequence resumes overlapping:
18218119 to 18218118
2014-11-03 10:41:51.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-03 10:41:50
2014-11-03 10:41:51.330 [2014-11-03 00:00:00.000000] Saving Configuration to Backup
Memory
2014-11-03 10:47:50.050 Reducing Status Polling Interval
2014-11-03 10:47:50.050 [2014-11-03 10:47:48.999998] total packets received: 66138
2014-11-03 10:47:50.050 [2014-11-03 10:47:48.999998] command timeouts: 6
2014-11-03 10:47:50.050 [2014-11-03 10:47:48.999998] out of window: 66
2014-11-03 10:47:50.050 written: HHZ-1294 HH1-1531 HH2-1466 BDH-458 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-11-03 10:47:50.050 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-30 LH2-30 LDH-41
VMZ-1 VM1-1
2014-11-03 10:47:50.050 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-3
2014-11-03 10:47:50.050 [2014-11-03 10:47:48.999998] Done: 4917 recs. seq end:
18261778. run: 356 s
2014-11-03 22:48:44.370
2014-11-03 22:48:44.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-03 22:48:44.370 Control Port 2491 Opened
2014-11-03 22:48:44.370 Baler ready on Ethernet
2014-11-03 22:48:44.370 Power Cycled Baler Acknowledged
2014-11-03 22:48:44.370 Commands Accepted by Q330
2014-11-03 22:48:44.370 Access timeout: 300 sec
2014-11-03 22:48:44.370 Control Port 4023 Opened
2014-11-03 22:48:44.370 Data Port 4024 Opened
2014-11-03 22:48:44.370 Registered with Q330
2014-11-03 22:48:44.370 Combination Record Received
2014-11-03 22:48:44.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-03 22:48:44.370 Link Reset, starting window sequence: 41757
2014-11-03 22:48:44.370 GPS Receiver ID Received
2014-11-03 22:48:44.370 Manufacturer's Data Received, Property Tag=2017
2014-11-03 22:48:44.370 Digitizer Gain & Offsets Received
2014-11-03 22:48:44.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4917 recs.
seq end: 18261778
2014-11-03 22:48:44.370 Baler clock set to 2014-11-03 22:48:43
2014-11-03 22:48:44.370 Starting to Read DP Tokens
2014-11-03 22:48:44.370 DP Tokens loaded, size=1474 bytes
2014-11-03 22:48:44.370 webserver advertising 192.168.200.119:5380
2014-11-03 22:48:44.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-03 22:48:44.370 filters & delay HH1:2@100,Linear all=0.320000
2014-11-03 22:48:44.370 filters & delay HH2:3@100,Linear all=0.320000
2014-11-03 22:48:44.370 filters & delay BDH:4@20,Linear all=1.650000
2014-11-03 22:48:44.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-03 22:48:44.370 filters & delay LH1:2@1,Linear all=15.000000
2014-11-03 22:48:44.370 filters & delay LH2:3@1,Linear all=15.000000
2014-11-03 22:48:44.370 filters & delay LDH:4@1,Linear all=15.000000
2014-11-03 22:48:44.370 [2014-11-03 10:47:48.999998] continuity found: 18261778

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468326869.000000 Q=100
2014-11-03 22:48:44.370 [2014-11-03 10:47:48.999998] restoring continuity
2014-11-03 22:48:44.370 Sending DT_OPEN
2014-11-03 22:48:44.370 Station: XX-2017
2014-11-03 22:48:44.370 Q330 Serial Number: 0100000DB18FC351
2014-11-03 22:48:44.370 AMB Serial Number: 0100000B6909DD82
2014-11-03 22:48:44.370 Seismo 1 Serial Number: 0000000000000000
2014-11-03 22:48:44.370 Seismo 2 Serial Number: 0000000000000000
2014-11-03 22:48:44.370 QAPCHP 1 Serial Number: 4643206
2014-11-03 22:48:44.370 QAPCHP 2 Serial Number: 3743050
2014-11-03 22:48:44.370 KMI Property Tag Number: 2017
2014-11-03 22:48:44.370 System Software Version: 1.146
2014-11-03 22:48:44.370 Slave Processor Version: 1.11
2014-11-03 22:48:44.370 Calibrator Type: QCAL330
2014-11-03 22:48:44.370 Calibrator Version: 1.8
2014-11-03 22:48:44.370 Auxiliary Board Type: None
2014-11-03 22:48:44.370 Clock Type: Motorola M12
2014-11-03 22:48:44.370 PLD Version: 7.9
2014-11-03 22:48:44.370 Total Hours: 70227.35
2014-11-03 22:48:44.370 Power On Hours: 34857.73
2014-11-03 22:48:44.370 Time of Last Boot: 2014-04-06 02:03:58
2014-11-03 22:48:44.370 Total Number of Boots: 120
2014-11-03 22:48:44.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-03 22:48:44.370 Total Number of Re-Syncs: 213
2014-11-03 22:48:44.370 Status Inputs: 00000000
2014-11-03 22:48:44.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-03 22:48:44.370 Clock Quality: 100%
2014-11-03 22:48:44.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-03 22:48:44.370 Clock Phase: 0 usec. max allowed=50000
2014-11-03 22:48:44.370 Boom positions:
2014-11-03 22:48:44.370 Ch1: -2 Ch2: 1 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-03 22:48:44.370 Analog Status
2014-11-03 22:48:44.370 Analog Positive Supply: 5.46V
2014-11-03 22:48:44.370 Input Voltage: 13.20V
2014-11-03 22:48:44.370 System Temperature: 5C
2014-11-03 22:48:44.370 Main Current: 63ma
2014-11-03 22:48:44.370 GPS Status
2014-11-03 22:48:44.370 Time: 22:48:43
2014-11-03 22:48:44.370 Date:
2014-11-03 22:48:44.370 Fix Type: 1-D
2014-11-03 22:48:44.370 Height:
2014-11-03 22:48:44.370 Latitude:
2014-11-03 22:48:44.370 Longitude:
2014-11-03 22:48:44.370 On Time: 0min
2014-11-03 22:48:44.370 Sat. Used: 0
2014-11-03 22:48:44.370 In View: 0
2014-11-03 22:48:44.370 Checksum Errors: 0
2014-11-03 22:48:44.370 Last GPS timemark: 2014-11-03 22:48:42
2014-11-03 22:48:44.370 PLL Status
2014-11-03 22:48:44.370 State: Lock
2014-11-03 22:48:44.370 Initial VCO: 2200.712158
2014-11-03 22:48:44.370 Time Error: 0.000000
2014-11-03 22:48:44.370 RMS VCO: 0.000000
2014-11-03 22:48:44.370 Best VCO: 2200.64
2014-11-03 22:48:44.370 Seconds Since Track or Lock: 0.0
2014-11-03 22:48:44.370 Vco Control: 2200
2014-11-03 22:48:44.370 timing mode: external seascan
2014-11-03 22:48:44.370 tempco normal
2014-11-03 22:48:44.370 PLL update: 10s PLL lock criterion: 5us
2014-11-03 22:48:44.370 Pfrac: 150.00
2014-11-03 22:48:44.370 VCO slope: -0.0175000
2014-11-03 22:48:44.370 VCO intercept: 7.1100001
2014-11-03 22:48:44.370 km delta: 600.000000

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2014-11-03 22:48:44.370 Logical Port 4 Status  
 2014-11-03 22:48:44.370 Data Packets Sent: 21015451  
 2014-11-03 22:48:44.370 Flood Packets Sent: 0  
 2014-11-03 22:48:44.370 Packets Re-Sent: 33347  
 2014-11-03 22:48:44.370 Sequence Errors: 0  
 2014-11-03 22:48:44.370 Packet Buffer Used: 22917940  
 2014-11-03 22:48:44.370 Physical Port: Ethernet  
 2014-11-03 22:48:44.370 Baler Model: 14 Software Version: 2.28  
 2014-11-03 22:48:44.370 MAC Address: 00:04:FB:00:02:EA  
 2014-11-03 22:48:44.370 Disk Size: 20000669696  
 2014-11-03 22:48:44.370 Percent of 1177 data files in use: 40.5  
 2014-11-03 22:48:44.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-03 22:48:44.370 Channel Sensitivities (uV per count):  
 2014-11-03 22:48:44.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-03 22:48:44.370 Digitizer Calibration Results:  
 2014-11-03 22:48:44.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-03 22:48:44.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-03 22:48:44.370 DMU1 Software Version=10  
 2014-11-03 22:48:44.370 Supply Voltage=12.7  
 2014-11-03 22:48:44.370 Supply Current=0.41  
 2014-11-03 22:48:44.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-03 22:48:44.370 WebLink Data Maps Restored  
 2014-11-03 22:48:44.370 [2014-11-03 10:47:48.999998] sequence resumes: 18261778 to 18261778  
 2014-11-03 22:48:44.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-11-03 22:48:43  
 2014-11-03 22:54:30.400 Reducing Status Polling Interval  
 2014-11-03 22:54:30.400 [2014-11-03 22:54:29.999998] total packets received: 54656  
 2014-11-03 22:54:30.400 [2014-11-03 22:54:29.999998] command timeouts: 6  
 2014-11-03 22:54:30.400 [2014-11-03 22:54:29.999998] out of window: 68  
 2014-11-03 22:54:30.400 written: HHZ-1208 HH1-1453 HH2-1434 BDH-450 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-03 22:54:30.400 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-30  
 VMZ-2 VM1-2  
 2014-11-03 22:54:30.400 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-11-03 22:54:30.400 [2014-11-03 22:54:29.999998] Done: 4692 recs. seq end: 18305379. run: 342 s  
 2014-11-04 10:55:24.400  
 2014-11-04 10:55:24.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-04 10:55:24.400 Control Port 2491 Opened  
 2014-11-04 10:55:24.400 Baler ready on Ethernet  
 2014-11-04 10:55:24.400 Power Cycled Baler Acknowledged  
 2014-11-04 10:55:24.400 Commands Accepted by Q330  
 2014-11-04 10:55:24.400 Access timeout: 300 sec  
 2014-11-04 10:55:24.400 Control Port 4023 Opened  
 2014-11-04 10:55:24.400 Data Port 4024 Opened  
 2014-11-04 10:55:24.400 Registered with Q330  
 2014-11-04 10:55:24.400 Combination Record Received  
 2014-11-04 10:55:24.400 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-04 10:55:24.400 Link Reset, starting window sequence: 30773  
 2014-11-04 10:55:24.400 GPS Receiver ID Received  
 2014-11-04 10:55:24.400 Manufacturer's Data Received, Property Tag=2017  
 2014-11-04 10:55:24.400 Digitizer Gain & Offsets Received  
 2014-11-04 10:55:24.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4691 recs. seq end: 18305379  
 2014-11-04 10:55:24.400 Baler clock set to 2014-11-04 10:55:23  
 2014-11-04 10:55:24.400 Starting to Read DP Tokens  
 2014-11-04 10:55:24.400 DP Tokens loaded, size=1474 bytes  
 2014-11-04 10:55:24.400 webserver advertising 192.168.200.119:5380  
 2014-11-04 10:55:24.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-04 10:55:24.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-04 10:55:24.400 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-04 10:55:24.400 filters & delay BDH:4@20,Linear all=1.650000

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2014-11-04 10:55:24.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-04 10:55:24.400 filters & delay LH1:2@1,Linear all=15.000000
2014-11-04 10:55:24.400 filters & delay LH2:3@1,Linear all=15.000000
2014-11-04 10:55:24.400 filters & delay LDH:4@1,Linear all=15.000000
2014-11-04 10:55:24.400 [2014-11-03 22:54:29.999998] continuity found: 18305379
468370470.000000 Q=100
2014-11-04 10:55:24.400 [2014-11-03 22:54:29.999998] restoring continuity
2014-11-04 10:55:24.400 Sending DT_OPEN
2014-11-04 10:55:24.400 Station: XX-2017
2014-11-04 10:55:24.400 Q330 Serial Number: 0100000DB18FC351
2014-11-04 10:55:24.400 AMB Serial Number: 0100000B6909DD82
2014-11-04 10:55:24.400 Seismo 1 Serial Number: 0000000000000000
2014-11-04 10:55:24.400 Seismo 2 Serial Number: 0000000000000000
2014-11-04 10:55:24.400 QAPCHP 1 Serial Number: 4643206
2014-11-04 10:55:24.400 QAPCHP 2 Serial Number: 3743050
2014-11-04 10:55:24.400 KMI Property Tag Number: 2017
2014-11-04 10:55:24.400 System Software Version: 1.146
2014-11-04 10:55:24.400 Slave Processor Version: 1.11
2014-11-04 10:55:24.400 Calibrator Type: QCAL330
2014-11-04 10:55:24.400 Calibrator Version: 1.8
2014-11-04 10:55:24.400 Auxiliary Board Type: None
2014-11-04 10:55:24.400 Clock Type: Motorola M12
2014-11-04 10:55:24.400 PLD Version: 7.9
2014-11-04 10:55:24.400 Total Hours: 70239.46
2014-11-04 10:55:24.400 Power On Hours: 34869.84
2014-11-04 10:55:24.400 Time of Last Boot: 2014-04-06 02:03:58
2014-11-04 10:55:24.400 Total Number of Boots: 120
2014-11-04 10:55:24.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-04 10:55:24.400 Total Number of Re-Syncs: 213
2014-11-04 10:55:24.400 Status Inputs: 00000000
2014-11-04 10:55:24.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-04 10:55:24.400 Clock Quality: 100%
2014-11-04 10:55:24.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-04 10:55:24.400 Clock Phase: 0 usec. max allowed=50000
2014-11-04 10:55:24.400 Boom positions:
2014-11-04 10:55:24.400 Ch1: -2 Ch2: 2 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-04 10:55:24.400 Analog Status
2014-11-04 10:55:24.400 Analog Positive Supply: 5.46V
2014-11-04 10:55:24.400 Input Voltage: 13.35V
2014-11-04 10:55:24.400 System Temperature: 5C
2014-11-04 10:55:24.400 Main Current: 61ma
2014-11-04 10:55:24.400 Antenna Current: 0ma
2014-11-04 10:55:24.400 GPS Status
2014-11-04 10:55:24.400 Time: 10:55:23
2014-11-04 10:55:24.400 Date:
2014-11-04 10:55:24.400 Fix Type: 1-D
2014-11-04 10:55:24.400 Height:
2014-11-04 10:55:24.400 Latitude:
2014-11-04 10:55:24.400 Longitude:
2014-11-04 10:55:24.400 On Time: 0min
2014-11-04 10:55:24.400 Sat. Used: 0
2014-11-04 10:55:24.400 In View: 0
2014-11-04 10:55:24.400 Checksum Errors: 0
2014-11-04 10:55:24.400 Last GPS timemark: 2014-11-04 10:55:22
2014-11-04 10:55:24.400 PLL Status
2014-11-04 10:55:24.400 State: Lock
2014-11-04 10:55:24.400 Initial VCO: 2200.549805
2014-11-04 10:55:24.400 Time Error: 0.000000
2014-11-04 10:55:24.400 RMS VCO: 0.000000
2014-11-04 10:55:24.400 Best VCO: 2200.54
2014-11-04 10:55:24.400 Seconds Since Track or Lock: 0.0
2014-11-04 10:55:24.400 Vco Control: 2201
2014-11-04 10:55:24.400 timing mode: external seascan

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2014-11-04 10:55:24.400 tempco normal
2014-11-04 10:55:24.400 PLL update: 10s PLL lock criterion: 5us
2014-11-04 10:55:24.400 Pfrac: 150.00
2014-11-04 10:55:24.400 VCO slope: -0.0175000
2014-11-04 10:55:24.400 VCO intercept: 7.1100001
2014-11-04 10:55:24.400 km delta: 600.0000000
2014-11-04 10:55:24.400 Logical Port 4 Status
2014-11-04 10:55:24.400 Data Packets Sent: 21070008
2014-11-04 10:55:24.400 Flood Packets Sent: 0
2014-11-04 10:55:24.400 Packets Re-Sent: 33434
2014-11-04 10:55:24.400 Sequence Errors: 0
2014-11-04 10:55:24.400 Packet Buffer Used: 21440176
2014-11-04 10:55:24.400 Physical Port: Ethernet
2014-11-04 10:55:24.400 Baler Model: 14 Software Version: 2.28
2014-11-04 10:55:24.400 MAC Address: 00:04:FB:00:02:EA
2014-11-04 10:55:24.400 Disk Size: 20000669696
2014-11-04 10:55:24.400 Percent of 1177 data files in use: 40.6
2014-11-04 10:55:24.400 Channels Enabled: 1234 Preamps ON channels:
2014-11-04 10:55:24.400 Channel Sensitivities (uV per count):
2014-11-04 10:55:24.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-04 10:55:24.400 Digitizer Calibration Results:
2014-11-04 10:55:24.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-04 10:55:24.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-04 10:55:24.400 DMU1 Software Version=10
2014-11-04 10:55:24.400 Supply Voltage=12.7
2014-11-04 10:55:24.400 Supply Current=0.41
2014-11-04 10:55:24.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-04 10:55:24.400 WebLink Data Maps Restored
2014-11-04 10:55:24.400 [2014-11-03 22:54:29.999998] sequence resumes: 18305379 to
18305379
2014-11-04 10:55:24.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-11-04 10:55:23
2014-11-04 10:55:24.400 [2014-11-04 00:00:00.000000] Saving Configuration to Backup
Memory
2014-11-04 11:00:45.930 Reducing Status Polling Interval
2014-11-04 11:00:45.930 [2014-11-04 11:00:44.999998] total packets received: 44197
2014-11-04 11:00:45.930 [2014-11-04 11:00:44.999998] command timeouts: 6
2014-11-04 11:00:45.930 [2014-11-04 11:00:44.999998] out of window: 62
2014-11-04 11:00:45.930 written: HHZ-1110 HH1-1300 HH2-1341 BDH-440 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-11-04 11:00:45.930 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-11-04 11:00:45.930 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-11-04 11:00:45.930 [2014-11-04 11:00:44.999998] Done: 4337 recs. seq end:
18348954. run: 317 s
2014-11-04 23:01:37.390
2014-11-04 23:01:37.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-04 23:01:37.390 Control Port 2491 Opened
2014-11-04 23:01:37.390 Baler ready on Ethernet
2014-11-04 23:01:37.390 Power Cycled Baler Acknowledged
2014-11-04 23:01:37.390 Commands Accepted by Q330
2014-11-04 23:01:37.390 Access timeout: 300 sec
2014-11-04 23:01:37.390 Control Port 4023 Opened
2014-11-04 23:01:37.390 Data Port 4024 Opened
2014-11-04 23:01:37.390 Registered with Q330
2014-11-04 23:01:37.390 Combination Record Received
2014-11-04 23:01:37.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-04 23:01:37.390 Link Reset, starting window sequence: 9337
2014-11-04 23:01:37.390 GPS Receiver ID Received
2014-11-04 23:01:37.390 Manufacturer's Data Received, Property Tag=2017
2014-11-04 23:01:37.390 Digitizer Gain & Offsets Received
2014-11-04 23:01:37.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4337 recs.
seq end: 18348954

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2014-11-04 23:01:37.390 Baler clock set to 2014-11-04 23:01:36  
 2014-11-04 23:01:37.390 Starting to Read DP Tokens  
 2014-11-04 23:01:37.390 DP Tokens loaded, size=1474 bytes  
 2014-11-04 23:01:37.390 webserver advertising 192.168.200.119:5380  
 2014-11-04 23:01:37.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-04 23:01:37.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-04 23:01:37.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-04 23:01:37.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-04 23:01:37.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-04 23:01:37.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-04 23:01:37.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-04 23:01:37.390 [2014-11-04 11:00:44.999998] continuity found: 18348954  
 468414045.000000 Q=100  
 2014-11-04 23:01:37.390 [2014-11-04 11:00:44.999998] restoring continuity  
 2014-11-04 23:01:37.390 Sending DT\_OPEN  
 2014-11-04 23:01:37.390 Station: XX-2017  
 2014-11-04 23:01:37.390 Q330 Serial Number: 0100000DB18FC351  
 2014-11-04 23:01:37.390 AMB Serial Number: 0100000B6909DD82  
 2014-11-04 23:01:37.390 Seismo 1 Serial Number: 0000000000000000  
 2014-11-04 23:01:37.390 Seismo 2 Serial Number: 0000000000000000  
 2014-11-04 23:01:37.390 QAPCHP 1 Serial Number: 4643206  
 2014-11-04 23:01:37.390 QAPCHP 2 Serial Number: 3743050  
 2014-11-04 23:01:37.390 KMI Property Tag Number: 2017  
 2014-11-04 23:01:37.390 System Software Version: 1.146  
 2014-11-04 23:01:37.390 Slave Processor Version: 1.11  
 2014-11-04 23:01:37.390 Calibrator Type: QCAL330  
 2014-11-04 23:01:37.390 Calibrator Version: 1.8  
 2014-11-04 23:01:37.390 Auxiliary Board Type: None  
 2014-11-04 23:01:37.390 Clock Type: Motorola M12  
 2014-11-04 23:01:37.390 PLD Version: 7.9  
 2014-11-04 23:01:37.390 Total Hours: 70251.56  
 2014-11-04 23:01:37.390 Power On Hours: 34881.95  
 2014-11-04 23:01:37.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-04 23:01:37.390 Total Number of Boots: 120  
 2014-11-04 23:01:37.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-04 23:01:37.390 Total Number of Re-Syncs: 213  
 2014-11-04 23:01:37.390 Status Inputs: 00000000  
 2014-11-04 23:01:37.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-04 23:01:37.390 Clock Quality: 100%  
 2014-11-04 23:01:37.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-04 23:01:37.390 Clock Phase: 0 usec. max allowed=50000  
 2014-11-04 23:01:37.390 Boom positions:  
 2014-11-04 23:01:37.390 ch1: -2 ch2: 2 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-11-04 23:01:37.390 Analog Status  
 2014-11-04 23:01:37.390 Analog Positive Supply: 5.46V  
 2014-11-04 23:01:37.390 Input Voltage: 13.20V  
 2014-11-04 23:01:37.390 System Temperature: 5C  
 2014-11-04 23:01:37.390 Main Current: 62ma  
 2014-11-04 23:01:37.390 Antenna Current: 0ma  
 2014-11-04 23:01:37.390 GPS Status  
 2014-11-04 23:01:37.390 Time: 23:01:36  
 2014-11-04 23:01:37.390 Date:  
 2014-11-04 23:01:37.390 Fix Type: 1-D  
 2014-11-04 23:01:37.390 Height:  
 2014-11-04 23:01:37.390 Latitude:  
 2014-11-04 23:01:37.390 Longitude:  
 2014-11-04 23:01:37.390 On Time: 0min  
 2014-11-04 23:01:37.390 Sat. Used: 0  
 2014-11-04 23:01:37.390 In View: 0  
 2014-11-04 23:01:37.390 Checksum Errors: 0  
 2014-11-04 23:01:37.390 Last GPS timemark: 2014-11-04 23:01:35  
 2014-11-04 23:01:37.390 PLL Status  
 2014-11-04 23:01:37.390 State: Lock

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2014-11-04 23:01:37.390 Initial VCO: 2200.829346
2014-11-04 23:01:37.390 Time Error: 0.000000
2014-11-04 23:01:37.390 RMS VCO: 0.000000
2014-11-04 23:01:37.390 Best VCO: 2201.46
2014-11-04 23:01:37.390 Seconds Since Track or Lock: 0.0
2014-11-04 23:01:37.390 Vco Control: 2200
2014-11-04 23:01:37.390 timing mode: external seascan
2014-11-04 23:01:37.390 tempco normal
2014-11-04 23:01:37.390 PLL update: 10s  PLL lock criterion: 5us
2014-11-04 23:01:37.390 Pfrac: 150.00
2014-11-04 23:01:37.390 VCO slope: -0.0175000
2014-11-04 23:01:37.390 VCO intercept: 7.1100001
2014-11-04 23:01:37.390 km delta: 600.0000000
2014-11-04 23:01:37.390 Logical Port 4 Status
2014-11-04 23:01:37.390 Data Packets Sent: 21114113
2014-11-04 23:01:37.390 Flood Packets Sent: 0
2014-11-04 23:01:37.390 Packets Re-Sent: 33514
2014-11-04 23:01:37.390 Sequence Errors: 0
2014-11-04 23:01:37.390 Packet Buffer Used: 21603044
2014-11-04 23:01:37.390 Physical Port: Ethernet
2014-11-04 23:01:37.390 Baler Model: 14  Software Version: 2.28
2014-11-04 23:01:37.390 MAC Address: 00:04:FB:00:02:EA
2014-11-04 23:01:37.390 Disk Size: 20000669696
2014-11-04 23:01:37.390 Percent of 1177 data files in use: 40.8
2014-11-04 23:01:37.390 Channels Enabled: 1234  Preamps ON channels:
2014-11-04 23:01:37.390 Channel Sensitivities (uV per count):
2014-11-04 23:01:37.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-04 23:01:37.390 Digitizer Calibration Results:
2014-11-04 23:01:37.390 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2014-11-04 23:01:37.390 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2014-11-04 23:01:37.390 DMU1 Software Version=10
2014-11-04 23:01:37.390 Supply Voltage=12.6
2014-11-04 23:01:37.390 Supply Current=0.41
2014-11-04 23:01:37.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-04 23:01:37.390 webLink Data Maps Restored
2014-11-04 23:01:37.390 [2014-11-04 11:00:44.999998] sequence resumes: 18348954 to
18348954
2014-11-04 23:01:37.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-04 23:01:36
2014-11-04 23:06:57.550 Reducing Status Polling Interval
2014-11-04 23:06:57.550 [2014-11-04 23:06:56.999998] total packets received: 45156
2014-11-04 23:06:57.550 [2014-11-04 23:06:56.999998] command timeouts: 6
2014-11-04 23:06:57.550 [2014-11-04 23:06:56.999998] out of window: 62
2014-11-04 23:06:57.550 written: HHZ-1138 HH1-1288 HH2-1372 BDH-430 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-11-04 23:06:57.550 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-11-04 23:06:57.550 written: VM2-1 LOG-2 ACE-1 OCF-1
2014-11-04 23:06:57.550 [2014-11-04 23:06:56.999998] Done: 4361 recs. seq end:
18392526. run: 316 s
2014-11-05 11:07:50.340
2014-11-05 11:07:50.340 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-05 11:07:50.340 Control Port 2491 Opened
2014-11-05 11:07:50.340 Baler ready on Ethernet
2014-11-05 11:07:50.340 Power Cycled Baler Acknowledged
2014-11-05 11:07:50.340 Commands Accepted by Q330
2014-11-05 11:07:50.340 Access timeout: 300 sec
2014-11-05 11:07:50.340 Control Port 4023 Opened
2014-11-05 11:07:50.340 Data Port 4024 Opened
2014-11-05 11:07:50.340 Registered with Q330
2014-11-05 11:07:50.340 Combination Record Received
2014-11-05 11:07:50.340 window=4  Min. Timeout=10  Max. Timeout=30
2014-11-05 11:07:50.340 Link Reset, starting window sequence: 54396

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2014-11-05 11:07:50.340 GPS Receiver ID Received  
 2014-11-05 11:07:50.340 Manufacturer's Data Received, Property Tag=2017  
 2014-11-05 11:07:50.340 Digitizer Gain & Offsets Received  
 2014-11-05 11:07:50.340 Msg From 192.168.200.119:Baler XX-2017 readback. 4361 recs.  
 seq end: 18392526  
 2014-11-05 11:07:50.340 Baler clock set to 2014-11-05 11:07:49  
 2014-11-05 11:07:50.340 Starting to Read DP Tokens  
 2014-11-05 11:07:50.340 DP Tokens loaded, size=1474 bytes  
 2014-11-05 11:07:50.340 webserver advertising 192.168.200.119:5380  
 2014-11-05 11:07:50.340 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-05 11:07:50.340 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-05 11:07:50.340 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-05 11:07:50.340 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-05 11:07:50.340 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-05 11:07:50.340 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-05 11:07:50.340 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-05 11:07:50.340 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-05 11:07:50.340 [2014-11-04 23:06:56.999998] continuity found: 18392526  
 468457617.000000 Q=100  
 2014-11-05 11:07:50.340 [2014-11-04 23:06:56.999998] restoring continuity  
 2014-11-05 11:07:50.340 Sending DT\_OPEN  
 2014-11-05 11:07:50.340 Station: XX-2017  
 2014-11-05 11:07:50.340 Q330 Serial Number: 0100000DB18FC351  
 2014-11-05 11:07:50.340 AMB Serial Number: 0100000B6909DD82  
 2014-11-05 11:07:50.340 Seismo 1 Serial Number: 0000000000000000  
 2014-11-05 11:07:50.340 Seismo 2 Serial Number: 0000000000000000  
 2014-11-05 11:07:50.340 QAPCHP 1 Serial Number: 4643206  
 2014-11-05 11:07:50.340 QAPCHP 2 Serial Number: 3743050  
 2014-11-05 11:07:50.340 KMI Property Tag Number: 2017  
 2014-11-05 11:07:50.340 System Software Version: 1.146  
 2014-11-05 11:07:50.340 Slave Processor Version: 1.11  
 2014-11-05 11:07:50.340 Calibrator Type: QCAL330  
 2014-11-05 11:07:50.340 Calibrator Version: 1.8  
 2014-11-05 11:07:50.340 Auxiliary Board Type: None  
 2014-11-05 11:07:50.340 Clock Type: Motorola M12  
 2014-11-05 11:07:50.340 PLD Version: 7.9  
 2014-11-05 11:07:50.340 Total Hours: 70263.67  
 2014-11-05 11:07:50.340 Power On Hours: 34894.05  
 2014-11-05 11:07:50.340 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-05 11:07:50.340 Total Number of Boots: 120  
 2014-11-05 11:07:50.340 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-05 11:07:50.340 Total Number of Re-Syncs: 213  
 2014-11-05 11:07:50.340 Status Inputs: 00000000  
 2014-11-05 11:07:50.340 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-05 11:07:50.340 Clock Quality: 100%  
 2014-11-05 11:07:50.340 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-05 11:07:50.340 Clock Phase: 0 usec. max allowed=50000  
 2014-11-05 11:07:50.340 Boom positions:  
 2014-11-05 11:07:50.340 ch1: -2 ch2: 2 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-11-05 11:07:50.340 Analog Status  
 2014-11-05 11:07:50.340 Analog Positive Supply: 5.46V  
 2014-11-05 11:07:50.340 Input Voltage: 13.35V  
 2014-11-05 11:07:50.340 System Temperature: 5C  
 2014-11-05 11:07:50.340 Main Current: 62ma  
 2014-11-05 11:07:50.340 Antenna Current: 0ma  
 2014-11-05 11:07:50.340 GPS Status  
 2014-11-05 11:07:50.340 Time: 11:07:49  
 2014-11-05 11:07:50.340 Date:  
 2014-11-05 11:07:50.340 Fix Type: 1-D  
 2014-11-05 11:07:50.340 Height:  
 2014-11-05 11:07:50.340 Latitude:  
 2014-11-05 11:07:50.340 Longitude:  
 2014-11-05 11:07:50.340 On Time: 0min

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2014-11-05 11:07:50.340 Sat. Used: 0  
 2014-11-05 11:07:50.340 In View: 0  
 2014-11-05 11:07:50.340 Checksum Errors: 0  
 2014-11-05 11:07:50.340 Last GPS timemark: 2014-11-05 11:07:48  
 2014-11-05 11:07:50.340 PLL Status  
 2014-11-05 11:07:50.340 State: Lock  
 2014-11-05 11:07:50.340 Initial VCO: 2200.781006  
 2014-11-05 11:07:50.340 Time Error: 0.000000  
 2014-11-05 11:07:50.340 RMS VCO: 0.000000  
 2014-11-05 11:07:50.340 Best VCO: 2200.81  
 2014-11-05 11:07:50.340 Seconds Since Track or Lock: 0.0  
 2014-11-05 11:07:50.340 Vco Control: 2201  
 2014-11-05 11:07:50.340 timing mode: external seascan  
 2014-11-05 11:07:50.340 tempco normal  
 2014-11-05 11:07:50.340 PLL update: 10s PLL lock criterion: 5us  
 2014-11-05 11:07:50.340 Pfrac: 150.00  
 2014-11-05 11:07:50.340 VCO slope: -0.0175000  
 2014-11-05 11:07:50.340 VCO intercept: 7.1100001  
 2014-11-05 11:07:50.340 Km delta: 600.0000000  
 2014-11-05 11:07:50.340 Logical Port 4 Status  
 2014-11-05 11:07:50.340 Data Packets Sent: 21159177  
 2014-11-05 11:07:50.340 Flood Packets Sent: 0  
 2014-11-05 11:07:50.340 Packets Re-Sent: 33590  
 2014-11-05 11:07:50.340 Sequence Errors: 0  
 2014-11-05 11:07:50.340 Packet Buffer Used: 21545536  
 2014-11-05 11:07:50.340 Physical Port: Ethernet  
 2014-11-05 11:07:50.340 Baler Model: 14 Software Version: 2.28  
 2014-11-05 11:07:50.340 MAC Address: 00:04:FB:00:02:EA  
 2014-11-05 11:07:50.340 Disk Size: 20000669696  
 2014-11-05 11:07:50.340 Percent of 1177 data files in use: 40.8  
 2014-11-05 11:07:50.340 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-05 11:07:50.340 Channel Sensitivities (uV per count):  
 2014-11-05 11:07:50.340 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-05 11:07:50.340 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-05 11:07:50.340 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-05 11:07:50.340 DMU1 Software Version=10  
 2014-11-05 11:07:50.340 Supply voltage=12.7  
 2014-11-05 11:07:50.340 Supply Current=0.40  
 2014-11-05 11:07:50.340 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-05 11:07:50.340 WebLink Data Maps Restored  
 2014-11-05 11:07:50.340 [2014-11-04 23:06:56.999998] sequence resumes: 18392526 to  
 18392526  
 2014-11-05 11:07:50.340 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-05 11:07:49  
 2014-11-05 11:07:50.340 [2014-11-05 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-11-05 11:13:08.690 Reducing Status Polling Interval  
 2014-11-05 11:13:08.690 [2014-11-05 11:13:07.999998] total packets received: 46196  
 2014-11-05 11:13:08.690 [2014-11-05 11:13:07.999998] command timeouts: 6  
 2014-11-05 11:13:08.690 [2014-11-05 11:13:07.999998] out of window: 54  
 2014-11-05 11:13:08.690 written: HHZ-1145 HH1-1251 HH2-1405 BDH-417 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-05 11:13:08.690 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-11-05 11:13:08.690 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-11-05 11:13:08.690 [2014-11-05 11:13:07.999998] Done: 4357 recs. seq end:  
 18436097. run: 315 s  
 2014-11-05 23:14:03.390  
 2014-11-05 23:14:03.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-05 23:14:03.390 Control Port 2491 Opened  
 2014-11-05 23:14:03.390 Baler ready on Ethernet  
 2014-11-05 23:14:03.390 Power Cycled Baler Acknowledged  
 2014-11-05 23:14:03.390 Commands Accepted by Q330



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2014-11-05 23:14:03.390 Access timeout: 300 sec  
 2014-11-05 23:14:03.390 Control Port 4023 Opened  
 2014-11-05 23:14:03.390 Data Port 4024 Opened  
 2014-11-05 23:14:03.390 Registered with Q330  
 2014-11-05 23:14:03.390 Combination Record Received  
 2014-11-05 23:14:03.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-05 23:14:03.390 Link Reset, starting window sequence: 34967  
 2014-11-05 23:14:03.390 GPS Receiver ID Received  
 2014-11-05 23:14:03.390 Manufacturer's Data Received, Property Tag=2017  
 2014-11-05 23:14:03.390 Digitizer Gain & Offsets Received  
 2014-11-05 23:14:03.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4357 recs.  
 seq end: 18436097  
 2014-11-05 23:14:03.390 Baler clock set to 2014-11-05 23:14:02  
 2014-11-05 23:14:03.390 Starting to Read DP Tokens  
 2014-11-05 23:14:03.390 DP Tokens loaded, size=1474 bytes  
 2014-11-05 23:14:03.390 webserver advertising 192.168.200.119:5380  
 2014-11-05 23:14:03.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-05 23:14:03.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-05 23:14:03.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-05 23:14:03.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-05 23:14:03.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-05 23:14:03.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-05 23:14:03.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-05 23:14:03.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-05 23:14:03.390 [2014-11-05 11:13:07.999998] continuity found: 18436097  
 468501188.000000 Q=100  
 2014-11-05 23:14:03.390 [2014-11-05 11:13:07.999998] restoring continuity  
 2014-11-05 23:14:03.390 Sending DT\_OPEN  
 2014-11-05 23:14:03.390 Station: XX-2017  
 2014-11-05 23:14:03.390 Q330 Serial Number: 0100000DB18FC351  
 2014-11-05 23:14:03.390 AMB Serial Number: 0100000B6909DD82  
 2014-11-05 23:14:03.390 Seismo 1 Serial Number: 0000000000000000  
 2014-11-05 23:14:03.390 Seismo 2 Serial Number: 0000000000000000  
 2014-11-05 23:14:03.390 QAPCHP 1 Serial Number: 4643206  
 2014-11-05 23:14:03.390 QAPCHP 2 Serial Number: 3743050  
 2014-11-05 23:14:03.390 KMI Property Tag Number: 2017  
 2014-11-05 23:14:03.390 System Software Version: 1.146  
 2014-11-05 23:14:03.390 Slave Processor Version: 1.11  
 2014-11-05 23:14:03.390 Calibrator Type: QCAL330  
 2014-11-05 23:14:03.390 Calibrator Version: 1.8  
 2014-11-05 23:14:03.390 Auxiliary Board Type: None  
 2014-11-05 23:14:03.390 Clock Type: Motorola M12  
 2014-11-05 23:14:03.390 PLD Version: 7.9  
 2014-11-05 23:14:03.390 Total Hours: 70275.77  
 2014-11-05 23:14:03.390 Power On Hours: 34906.15  
 2014-11-05 23:14:03.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-05 23:14:03.390 Total Number of Boots: 120  
 2014-11-05 23:14:03.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-05 23:14:03.390 Total Number of Re-Syncs: 213  
 2014-11-05 23:14:03.390 Status Inputs: 00000000  
 2014-11-05 23:14:03.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-05 23:14:03.390 Clock Quality: 100%  
 2014-11-05 23:14:03.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-05 23:14:03.390 Clock Phase: 0 usec. max allowed=50000  
 2014-11-05 23:14:03.390 Boom positions:  
 2014-11-05 23:14:03.390 ch1: -2 ch2: 2 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2014-11-05 23:14:03.390 Analog Status  
 2014-11-05 23:14:03.390 Analog Positive Supply: 5.46V  
 2014-11-05 23:14:03.390 Input Voltage: 13.35V  
 2014-11-05 23:14:03.390 System Temperature: 5C  
 2014-11-05 23:14:03.390 Main Current: 62ma  
 2014-11-05 23:14:03.390 Antenna Current: 0ma  
 2014-11-05 23:14:03.390 GPS Status

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2014-11-05 23:14:03.390 Time: 23:14:02
2014-11-05 23:14:03.390 Date:
2014-11-05 23:14:03.390 Fix Type: 1-D
2014-11-05 23:14:03.390 Height:
2014-11-05 23:14:03.390 Latitude:
2014-11-05 23:14:03.390 Longitude:
2014-11-05 23:14:03.390 On Time: 0min
2014-11-05 23:14:03.390 Sat. Used: 0
2014-11-05 23:14:03.390 In View: 0
2014-11-05 23:14:03.390 Checksum Errors: 0
2014-11-05 23:14:03.390 Last GPS timemark: 2014-11-05 23:14:01
2014-11-05 23:14:03.390 PLL Status
2014-11-05 23:14:03.390 State: Lock
2014-11-05 23:14:03.390 Initial VCO: 2201.004883
2014-11-05 23:14:03.390 Time Error: 0.000000
2014-11-05 23:14:03.390 RMS VCO: 0.0000000
2014-11-05 23:14:03.390 Best VCO: 2201.00
2014-11-05 23:14:03.390 Seconds Since Track or Lock: 0.0
2014-11-05 23:14:03.390 Vco Control: 2201
2014-11-05 23:14:03.390 timing mode: external seascan
2014-11-05 23:14:03.390 tempco normal
2014-11-05 23:14:03.390 PLL update: 10s PLL lock criterion: 5us
2014-11-05 23:14:03.390 Pfrac: 150.00
2014-11-05 23:14:03.390 VCO slope: -0.0175000
2014-11-05 23:14:03.390 VCO intercept: 7.1100001
2014-11-05 23:14:03.390 Km delta: 600.0000000
2014-11-05 23:14:03.390 Logical Port 4 Status
2014-11-05 23:14:03.390 Data Packets Sent: 21205289
2014-11-05 23:14:03.390 Flood Packets Sent: 0
2014-11-05 23:14:03.390 Packets Re-Sent: 33661
2014-11-05 23:14:03.390 Sequence Errors: 0
2014-11-05 23:14:03.390 Packet Buffer Used: 21700232
2014-11-05 23:14:03.390 Physical Port: Ethernet
2014-11-05 23:14:03.390 Baler Model: 14 Software Version: 2.28
2014-11-05 23:14:03.390 MAC Address: 00:04:FB:00:02:EA
2014-11-05 23:14:03.390 Disk Size: 20000669696
2014-11-05 23:14:03.390 Percent of 1177 data files in use: 41.0
2014-11-05 23:14:03.390 Channels Enabled: 1234 Preamps ON channels:
2014-11-05 23:14:03.390 Channel Sensitivities (uV per count):
2014-11-05 23:14:03.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-05 23:14:03.390 Digitizer Calibration Results:
2014-11-05 23:14:03.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-05 23:14:03.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-05 23:14:03.390 DMU1 Software Version=10
2014-11-05 23:14:03.390 Supply Voltage=12.7
2014-11-05 23:14:03.390 Supply Current=0.40
2014-11-05 23:14:03.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-05 23:14:03.390 WebLink Data Maps Restored
2014-11-05 23:14:03.390 [2014-11-05 11:13:07.999998] sequence resumes: 18436097 to
18436097
2014-11-05 23:14:03.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-05 23:14:02
2014-11-05 23:19:27.120 Reducing Status Polling Interval
2014-11-05 23:19:27.120 [2014-11-05 23:19:26.999998] total packets received: 46149
2014-11-05 23:19:27.120 [2014-11-05 23:19:26.999998] command timeouts: 6
2014-11-05 23:19:27.120 [2014-11-05 23:19:26.999998] out of window: 65
2014-11-05 23:19:27.120 written: HHZ-1145 HH1-1281 HH2-1413 BDH-416 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-11-05 23:19:27.120 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-23 LDH-24
VMZ-2 VM1-2
2014-11-05 23:19:27.120 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-11-05 23:19:27.120 [2014-11-05 23:19:26.999998] Done: 4394 recs. seq end:
18479676. run: 319 s

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2014-11-06 11:20:19.410
2014-11-06 11:20:19.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-06 11:20:19.410 Control Port 2491 Opened
2014-11-06 11:20:19.410 Baler ready on Ethernet
2014-11-06 11:20:19.410 Power Cycled Baler Acknowledged
2014-11-06 11:20:19.410 Commands Accepted by Q330
2014-11-06 11:20:19.410 Access timeout: 300 sec
2014-11-06 11:20:19.410 Control Port 4023 Opened
2014-11-06 11:20:19.410 Data Port 4024 Opened
2014-11-06 11:20:19.410 Registered with Q330
2014-11-06 11:20:19.410 Combination Record Received
2014-11-06 11:20:19.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-06 11:20:19.410 Link Reset, starting window sequence: 15480
2014-11-06 11:20:19.410 GPS Receiver ID Received
2014-11-06 11:20:19.410 Manufacturer's Data Received, Property Tag=2017
2014-11-06 11:20:19.410 Digitizer Gain & Offsets Received
2014-11-06 11:20:19.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4394 recs.
seq end: 18479676
2014-11-06 11:20:19.410 Baler clock set to 2014-11-06 11:20:18
2014-11-06 11:20:19.410 Starting to Read DP Tokens
2014-11-06 11:20:19.410 DP Tokens loaded, size=1474 bytes
2014-11-06 11:20:19.410 webserver advertising 192.168.200.119:5380
2014-11-06 11:20:19.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-06 11:20:19.410 filters & delay HH1:2@100,Linear all=0.320000
2014-11-06 11:20:19.410 filters & delay HH2:3@100,Linear all=0.320000
2014-11-06 11:20:19.410 filters & delay BDH:4@20,Linear all=1.650000
2014-11-06 11:20:19.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-06 11:20:19.410 filters & delay LH1:2@1,Linear all=15.000000
2014-11-06 11:20:19.410 filters & delay LH2:3@1,Linear all=15.000000
2014-11-06 11:20:19.410 filters & delay LDH:4@1,Linear all=15.000000
2014-11-06 11:20:19.410 [2014-11-05 23:19:26.999998] continuity found: 18479676
468544767.000000 Q=100
2014-11-06 11:20:19.410 [2014-11-05 23:19:26.999998] restoring continuity
2014-11-06 11:20:19.410 Sending DT_OPEN
2014-11-06 11:20:19.410 Station: XX-2017
2014-11-06 11:20:19.410 Q330 Serial Number: 0100000DB18FC351
2014-11-06 11:20:19.410 AMB Serial Number: 0100000B6909DD82
2014-11-06 11:20:19.410 Seismo 1 Serial Number: 0000000000000000
2014-11-06 11:20:19.410 Seismo 2 Serial Number: 0000000000000000
2014-11-06 11:20:19.410 QAPCHP 1 Serial Number: 4643206
2014-11-06 11:20:19.410 QAPCHP 2 Serial Number: 3743050
2014-11-06 11:20:19.410 KMI Property Tag Number: 2017
2014-11-06 11:20:19.410 System Software Version: 1.146
2014-11-06 11:20:19.410 Slave Processor Version: 1.11
2014-11-06 11:20:19.410 Calibrator Type: QCAL330
2014-11-06 11:20:19.410 Calibrator Version: 1.8
2014-11-06 11:20:19.410 Auxiliary Board Type: None
2014-11-06 11:20:19.410 Clock Type: Motorola M12
2014-11-06 11:20:19.410 PLD Version: 7.9
2014-11-06 11:20:19.410 Total Hours: 70287.87
2014-11-06 11:20:19.410 Power On Hours: 34918.26
2014-11-06 11:20:19.410 Time of Last Boot: 2014-04-06 02:03:58
2014-11-06 11:20:19.410 Total Number of Boots: 120
2014-11-06 11:20:19.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-06 11:20:19.410 Total Number of Re-Syncs: 213
2014-11-06 11:20:19.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-06 11:20:19.410 Clock Quality: 100%
2014-11-06 11:20:19.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-06 11:20:19.410 Clock Phase: 0 usec. max allowed=50000
2014-11-06 11:20:19.410 Boom positions:
2014-11-06 11:20:19.410 ch1: -2 ch2: 2 ch3: 8 ch4: 20 ch5: 20 ch6: 20
2014-11-06 11:20:19.410 Analog Status
2014-11-06 11:20:19.410 Analog Positive Supply: 5.46V

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2014-11-06 11:20:19.410 Input Voltage: 13.35V
2014-11-06 11:20:19.410 System Temperature: 5C
2014-11-06 11:20:19.410 Main Current: 62ma
2014-11-06 11:20:19.410 Antenna Current: 0ma
2014-11-06 11:20:19.410 GPS Status
2014-11-06 11:20:19.410 Time: 11:20:18
2014-11-06 11:20:19.410 Date:
2014-11-06 11:20:19.410 Fix Type: 1-D
2014-11-06 11:20:19.410 Height:
2014-11-06 11:20:19.410 Latitude:
2014-11-06 11:20:19.410 Longitude:
2014-11-06 11:20:19.410 On Time: 0min
2014-11-06 11:20:19.410 Sat. Used: 0
2014-11-06 11:20:19.410 In View: 0
2014-11-06 11:20:19.410 Checksum Errors: 0
2014-11-06 11:20:19.410 Last GPS timemark: 2014-11-06 11:20:17
2014-11-06 11:20:19.410 PLL Status
2014-11-06 11:20:19.410 State: Lock
2014-11-06 11:20:19.410 Initial VCO: 2201.098145
2014-11-06 11:20:19.410 Time Error: 0.000000
2014-11-06 11:20:19.410 RMS VCO: 0.0000000
2014-11-06 11:20:19.410 Best VCO: 2201.18
2014-11-06 11:20:19.410 Seconds Since Track or Lock: 0.0
2014-11-06 11:20:19.410 Vco Control: 2201
2014-11-06 11:20:19.410 timing mode: external seascan
2014-11-06 11:20:19.410 tempco normal
2014-11-06 11:20:19.410 PLL update: 10s PLL lock criterion: 5us
2014-11-06 11:20:19.410 Pfrac: 150.00
2014-11-06 11:20:19.410 VCO slope: -0.0175000
2014-11-06 11:20:19.410 VCO intercept: 7.1100001
2014-11-06 11:20:19.410 Km delta: 600.0000000
2014-11-06 11:20:19.410 Logical Port 4 Status
2014-11-06 11:20:19.410 Data Packets Sent: 21251343
2014-11-06 11:20:19.410 Flood Packets Sent: 0
2014-11-06 11:20:19.410 Packets Re-Sent: 33739
2014-11-06 11:20:19.410 Sequence Errors: 0
2014-11-06 11:20:19.410 Packet Buffer Used: 21951676
2014-11-06 11:20:19.410 Physical Port: Ethernet
2014-11-06 11:20:19.410 Baler Model: 14 Software Version: 2.28
2014-11-06 11:20:19.410 MAC Address: 00:04:FB:00:02:EA
2014-11-06 11:20:19.410 Disk Size: 20000669696
2014-11-06 11:20:19.410 Percent of 1177 data files in use: 41.1
2014-11-06 11:20:19.410 Channels Enabled: 1234 Preamps ON channels:
2014-11-06 11:20:19.410 Channel Sensitivities (uV per count):
2014-11-06 11:20:19.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-06 11:20:19.410 Digitizer Calibration Results:
2014-11-06 11:20:19.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-06 11:20:19.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-06 11:20:19.410 DMU1 Software Version=10
2014-11-06 11:20:19.410 Supply Voltage=12.7
2014-11-06 11:20:19.410 Supply Current=0.41
2014-11-06 11:20:19.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-06 11:20:19.410 WebLink Data Maps Restored
2014-11-06 11:20:19.410 [2014-11-05 23:19:26.999998] sequence resumes: 18479676 to
18479676
2014-11-06 11:20:19.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-06 11:20:18
2014-11-06 11:20:19.410 [2014-11-06 00:00:00.000000] Saving Configuration to Backup
Memory
2014-11-06 11:25:45.120 Reducing Status Polling Interval
2014-11-06 11:25:45.120 [2014-11-06 11:25:43.999998] total packets received: 47415
2014-11-06 11:25:45.120 [2014-11-06 11:25:43.999998] command timeouts: 6
2014-11-06 11:25:45.120 [2014-11-06 11:25:43.999998] out of window: 65

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2014-11-06 11:25:45.120 written: HHZ-1176 HH1-1292 HH2-1432 BDH-419 VEP-1 VEC-2  
VEA-1 VKI-1 VCO-1  
2014-11-06 11:25:45.120 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-23 LH2-24 LDH-24  
VMZ-1 VM1-1  
2014-11-06 11:25:45.120 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
2014-11-06 11:25:45.120 [2014-11-06 11:25:43.999998] Done: 4450 recs. seq end:  
18523253. run: 322 s  
2014-11-06 23:26:38.400  
2014-11-06 23:26:38.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-11-06 23:26:38.400 Control Port 2491 Opened  
2014-11-06 23:26:38.400 Baler ready on Ethernet  
2014-11-06 23:26:38.400 Power Cycled Baler Acknowledged  
2014-11-06 23:26:38.400 Commands Accepted by Q330  
2014-11-06 23:26:38.400 Access timeout: 300 sec  
2014-11-06 23:26:38.400 Control Port 4023 Opened  
2014-11-06 23:26:38.400 Data Port 4024 Opened  
2014-11-06 23:26:38.400 Registered with Q330  
2014-11-06 23:26:38.400 Combination Record Received  
2014-11-06 23:26:38.400 window=4 Min. Timeout=10 Max. Timeout=30  
2014-11-06 23:26:38.400 Link Reset, starting window sequence: 62795  
2014-11-06 23:26:38.400 GPS Receiver ID Received  
2014-11-06 23:26:38.400 Manufacturer's Data Received, Property Tag=2017  
2014-11-06 23:26:38.400 Digitizer Gain & Offsets Received  
2014-11-06 23:26:38.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4450 recs.  
seq end: 18523253  
2014-11-06 23:26:38.400 Baler clock set to 2014-11-06 23:26:37  
2014-11-06 23:26:38.400 Starting to Read DP Tokens  
2014-11-06 23:26:38.400 DP Tokens loaded, size=1474 bytes  
2014-11-06 23:26:38.400 webserver advertising 192.168.200.119:5380  
2014-11-06 23:26:38.400 filters & delay HHZ:1@100,Linear all=0.320000  
2014-11-06 23:26:38.400 filters & delay HH1:2@100,Linear all=0.320000  
2014-11-06 23:26:38.400 filters & delay HH2:3@100,Linear all=0.320000  
2014-11-06 23:26:38.400 filters & delay BDH:4@20,Linear all=1.650000  
2014-11-06 23:26:38.400 filters & delay LHZ:1@1,Linear all=15.000000  
2014-11-06 23:26:38.400 filters & delay LH1:2@1,Linear all=15.000000  
2014-11-06 23:26:38.400 filters & delay LH2:3@1,Linear all=15.000000  
2014-11-06 23:26:38.400 filters & delay LDH:4@1,Linear all=15.000000  
2014-11-06 23:26:38.400 [2014-11-06 11:25:43.999998] continuity found: 18523253  
468588344.000000 Q=100  
2014-11-06 23:26:38.400 [2014-11-06 11:25:43.999998] restoring continuity  
2014-11-06 23:26:38.400 Sending DT\_OPEN  
2014-11-06 23:26:38.400 Station: XX-2017  
2014-11-06 23:26:38.400 Q330 Serial Number: 0100000DB18FC351  
2014-11-06 23:26:38.400 AMB Serial Number: 0100000B6909DD82  
2014-11-06 23:26:38.400 Seismo 1 Serial Number: 0000000000000000  
2014-11-06 23:26:38.400 Seismo 2 Serial Number: 0000000000000000  
2014-11-06 23:26:38.400 QAPCHP 1 Serial Number: 4643206  
2014-11-06 23:26:38.400 QAPCHP 2 Serial Number: 3743050  
2014-11-06 23:26:38.400 KMI Property Tag Number: 2017  
2014-11-06 23:26:38.400 System Software Version: 1.146  
2014-11-06 23:26:38.400 Slave Processor Version: 1.11  
2014-11-06 23:26:38.400 Calibrator Type: QCAL330  
2014-11-06 23:26:38.400 Calibrator Version: 1.8  
2014-11-06 23:26:38.400 Auxiliary Board Type: None  
2014-11-06 23:26:38.400 Clock Type: Motorola M12  
2014-11-06 23:26:38.400 PLD Version: 7.9  
2014-11-06 23:26:38.400 Total Hours: 70299.98  
2014-11-06 23:26:38.400 Power On Hours: 34930.36  
2014-11-06 23:26:38.400 Time of Last Boot: 2014-04-06 02:03:58  
2014-11-06 23:26:38.400 Total Number of Boots: 120  
2014-11-06 23:26:38.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-11-06 23:26:38.400 Total Number of Re-Syncs: 213  
2014-11-06 23:26:38.400 Status Inputs: 00000000

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2014-11-06 23:26:38.400 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2014-11-06 23:26:38.400 Clock Quality: 100%
2014-11-06 23:26:38.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-06 23:26:38.400 Clock Phase: 0 usec. max allowed=50000
2014-11-06 23:26:38.400 Boom positions:
2014-11-06 23:26:38.400 Ch1: -2 Ch2: 2 Ch3: 9 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-06 23:26:38.400 Analog Status
2014-11-06 23:26:38.400 Analog Positive Supply: 5.46v
2014-11-06 23:26:38.400 Input Voltage: 13.20V
2014-11-06 23:26:38.400 System Temperature: 5C
2014-11-06 23:26:38.400 Main Current: 63ma
2014-11-06 23:26:38.400 Antenna Current: 0ma
2014-11-06 23:26:38.400 GPS Status
2014-11-06 23:26:38.400 Time: 23:26:37
2014-11-06 23:26:38.400 Date:
2014-11-06 23:26:38.400 Fix Type: 1-D
2014-11-06 23:26:38.400 Height:
2014-11-06 23:26:38.400 Latitude:
2014-11-06 23:26:38.400 Longitude:
2014-11-06 23:26:38.400 On Time: 0min
2014-11-06 23:26:38.400 Sat. Used: 0
2014-11-06 23:26:38.400 In View: 0
2014-11-06 23:26:38.400 Checksum Errors: 0
2014-11-06 23:26:38.400 Last GPS timemark: 2014-11-06 23:26:36
2014-11-06 23:26:38.400 PLL Status
2014-11-06 23:26:38.400 State: Lock
2014-11-06 23:26:38.400 Intitial VCO: 2200.613281
2014-11-06 23:26:38.400 Time Error: 0.000000
2014-11-06 23:26:38.400 RMS VCO: 0.0000000
2014-11-06 23:26:38.400 Best VCO: 2200.73
2014-11-06 23:26:38.400 Seconds Since Track or Lock: 0.0
2014-11-06 23:26:38.400 Vco Control: 2201
2014-11-06 23:26:38.400 timing mode: external seascan
2014-11-06 23:26:38.400 tempco normal
2014-11-06 23:26:38.400 PLL update: 10s  PLL lock criterion: 5us
2014-11-06 23:26:38.400 Pfrac: 150.00
2014-11-06 23:26:38.400 VCO slope: -0.0175000
2014-11-06 23:26:38.400 VCO intercept: 7.1100001
2014-11-06 23:26:38.400 km delta: 600.0000000
2014-11-06 23:26:38.400 Logical Port 4 Status
2014-11-06 23:26:38.400 Data Packets Sent: 21298663
2014-11-06 23:26:38.400 Flood Packets Sent: 0
2014-11-06 23:26:38.400 Packets Re-Sent: 33819
2014-11-06 23:26:38.400 Sequence Errors: 0
2014-11-06 23:26:38.400 Packet Buffer Used: 22416396
2014-11-06 23:26:38.400 Physical Port: Ethernet
2014-11-06 23:26:38.400 Baler Model: 14   Software Version: 2.28
2014-11-06 23:26:38.400 MAC Address: 00:04:FB:00:02:EA
2014-11-06 23:26:38.400 Disk Size: 20000669696
2014-11-06 23:26:38.400 Percent of 1177 data files in use: 41.1
2014-11-06 23:26:38.400 Channels Enabled: 1234  Preamps ON channels:
2014-11-06 23:26:38.400 Channel Sensitivities (uV per count):
2014-11-06 23:26:38.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-06 23:26:38.400 Digitizer Calibration Results:
2014-11-06 23:26:38.400 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2014-11-06 23:26:38.400 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2014-11-06 23:26:38.400 DMU1 Software Version=10
2014-11-06 23:26:38.400 Supply Voltage=12.7
2014-11-06 23:26:38.400 Supply Current=0.41
2014-11-06 23:26:38.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-06 23:26:38.400 webLink Data Maps Restored
2014-11-06 23:26:38.400 [2014-11-06 11:25:43.999998] sequence resumes: 18523253 to
18523253

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2014-11-06 23:26:38.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-11-06 23:26:37  
2014-11-06 23:32:15.480 Reducing Status Polling Interval  
2014-11-06 23:32:15.480 [2014-11-06 23:32:15.000000] total packets received: 51580  
2014-11-06 23:32:15.480 [2014-11-06 23:32:15.000000] command timeouts: 6  
2014-11-06 23:32:15.480 [2014-11-06 23:32:15.000000] out of window: 68  
2014-11-06 23:32:15.480 written: HHZ-1219 HH1-1390 HH2-1385 BDH-426 VEP-2 VEC-1  
VEA-2 VKI-2 VCO-2  
2014-11-06 23:32:15.480 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24  
VMZ-2 VM1-2  
2014-11-06 23:32:15.480 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
2014-11-06 23:32:15.480 [2014-11-06 23:32:15.000000] Done: 4559 recs. seq end:  
18566844. run: 333 s  
2014-11-07 11:33:08.320  
2014-11-07 11:33:08.320 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-11-07 11:33:08.320 Control Port 2491 Opened  
2014-11-07 11:33:08.320 Baler ready on Ethernet  
2014-11-07 11:33:08.320 Power Cycled Baler Acknowledged  
2014-11-07 11:33:08.320 Commands Accepted by Q330  
2014-11-07 11:33:08.320 Access timeout: 300 sec  
2014-11-07 11:33:08.320 Control Port 4023 Opened  
2014-11-07 11:33:08.320 Data Port 4024 Opened  
2014-11-07 11:33:08.320 Combination Record Received  
2014-11-07 11:33:08.320 window=4 Min. Timeout=10 Max. Timeout=30  
2014-11-07 11:33:08.320 Link Reset, starting window sequence: 48735  
2014-11-07 11:33:08.320 GPS Receiver ID Received  
2014-11-07 11:33:08.320 Manufacturer's Data Received, Property Tag=2017  
2014-11-07 11:33:08.320 Digitizer Gain & Offsets Received  
2014-11-07 11:33:08.320 Msg From 192.168.200.119:Baler XX-2017 readback. 4559 recs.  
seq end: 18566844  
2014-11-07 11:33:08.320 Baler clock set to 2014-11-07 11:33:07  
2014-11-07 11:33:08.320 Starting to Read DP Tokens  
2014-11-07 11:33:08.320 DP Tokens loaded, size=1474 bytes  
2014-11-07 11:33:08.320 webserver advertising 192.168.200.119:5380  
2014-11-07 11:33:08.320 filters & delay HHZ:1@100,Linear all=0.320000  
2014-11-07 11:33:08.320 filters & delay HH1:2@100,Linear all=0.320000  
2014-11-07 11:33:08.320 filters & delay HH2:3@100,Linear all=0.320000  
2014-11-07 11:33:08.320 filters & delay BDH:4@20,Linear all=1.650000  
2014-11-07 11:33:08.320 filters & delay LHZ:1@1,Linear all=15.000000  
2014-11-07 11:33:08.320 filters & delay LH1:2@1,Linear all=15.000000  
2014-11-07 11:33:08.320 filters & delay LH2:3@1,Linear all=15.000000  
2014-11-07 11:33:08.320 filters & delay LDH:4@1,Linear all=15.000000  
2014-11-07 11:33:08.320 [2014-11-06 23:32:15.000000] continuity found: 18566844  
468631935.000000 Q=100  
2014-11-07 11:33:08.320 [2014-11-06 23:32:15.000000] restoring continuity  
2014-11-07 11:33:08.320 Sending DT\_OPEN  
2014-11-07 11:33:08.320 Station: XX-2017  
2014-11-07 11:33:08.320 Q330 Serial Number: 0100000DB18FC351  
2014-11-07 11:33:08.320 AMB Serial Number: 0100000B6909DD82  
2014-11-07 11:33:08.320 Seismo 1 Serial Number: 0000000000000000  
2014-11-07 11:33:08.320 Seismo 2 Serial Number: 0000000000000000  
2014-11-07 11:33:08.320 QAPCHP 1 Serial Number: 4643206  
2014-11-07 11:33:08.320 QAPCHP 2 Serial Number: 3743050  
2014-11-07 11:33:08.320 KMI Property Tag Number: 2017  
2014-11-07 11:33:08.320 System Software Version: 1.146  
2014-11-07 11:33:08.320 Slave Processor Version: 1.11  
2014-11-07 11:33:08.320 Calibrator Type: QCAL330  
2014-11-07 11:33:08.320 Calibrator Version: 1.8  
2014-11-07 11:33:08.320 Auxiliary Board Type: None  
2014-11-07 11:33:08.320 Clock Type: Motorola M12  
2014-11-07 11:33:08.320 PLD Version: 7.9  
2014-11-07 11:33:08.320 Total Hours: 70312.09  
2014-11-07 11:33:08.320 Power On Hours: 34942.47

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2014-11-07 11:33:08.320 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-07 11:33:08.320 Total Number of Boots: 120  
 2014-11-07 11:33:08.320 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-07 11:33:08.320 Total Number of Re-Syncs: 213  
 2014-11-07 11:33:08.320 Status Inputs: 00000000  
 2014-11-07 11:33:08.320 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-07 11:33:08.320 Clock Quality: 100%  
 2014-11-07 11:33:08.320 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-07 11:33:08.320 Clock Phase: 0 usec. max allowed=50000  
 2014-11-07 11:33:08.320 Boom positions:  
 2014-11-07 11:33:08.320 ch1: -2 ch2: 2 ch3: 10 ch4: 20 ch5: 20 ch6: 20  
 2014-11-07 11:33:08.320 Analog Status  
 2014-11-07 11:33:08.320 Analog Positive Supply: 5.46V  
 2014-11-07 11:33:08.320 Input Voltage: 13.05V  
 2014-11-07 11:33:08.320 System Temperature: 5C  
 2014-11-07 11:33:08.320 Main Current: 63ma  
 2014-11-07 11:33:08.320 Antenna Current: 0ma  
 2014-11-07 11:33:08.320 GPS Status  
 2014-11-07 11:33:08.320 Time: 11:33:07  
 2014-11-07 11:33:08.320 Date:  
 2014-11-07 11:33:08.320 Fix Type: 1-D  
 2014-11-07 11:33:08.320 Height:  
 2014-11-07 11:33:08.320 Latitude:  
 2014-11-07 11:33:08.320 Longitude:  
 2014-11-07 11:33:08.320 On Time: 0min  
 2014-11-07 11:33:08.320 Sat. Used: 0  
 2014-11-07 11:33:08.320 In View: 0  
 2014-11-07 11:33:08.320 Checksum Errors: 0  
 2014-11-07 11:33:08.320 Last GPS timemark: 2014-11-07 11:33:06  
 2014-11-07 11:33:08.320 PLL Status  
 2014-11-07 11:33:08.320 State: Lock  
 2014-11-07 11:33:08.320 Initial VCO: 2201.000000  
 2014-11-07 11:33:08.320 Time Error: 0.000000  
 2014-11-07 11:33:08.320 RMS VCO: 0.0000000  
 2014-11-07 11:33:08.320 Best VCO: 2201.00  
 2014-11-07 11:33:08.320 Seconds Since Track or Lock: 0.0  
 2014-11-07 11:33:08.320 Vco Control: 2201  
 2014-11-07 11:33:08.320 timing mode: external seascan  
 2014-11-07 11:33:08.320 tempco normal  
 2014-11-07 11:33:08.320 PLL update: 10s PLL lock criterion: 5us  
 2014-11-07 11:33:08.320 Pfrac: 150.00  
 2014-11-07 11:33:08.320 VCO slope: -0.0175000  
 2014-11-07 11:33:08.320 VCO intercept: 7.1100001  
 2014-11-07 11:33:08.320 Km delta: 600.000000  
 2014-11-07 11:33:08.320 Logical Port 4 Status  
 2014-11-07 11:33:08.320 Data Packets Sent: 21350144  
 2014-11-07 11:33:08.320 Flood Packets Sent: 0  
 2014-11-07 11:33:08.320 Packets Re-Sent: 33904  
 2014-11-07 11:33:08.320 Sequence Errors: 0  
 2014-11-07 11:33:08.320 Packet Buffer Used: 23284064  
 2014-11-07 11:33:08.320 Physical Port: Ethernet  
 2014-11-07 11:33:08.320 Baler Model: 14 Software Version: 2.28  
 2014-11-07 11:33:08.320 MAC Address: 00:04:FB:00:02:EA  
 2014-11-07 11:33:08.320 Disk Size: 20000669696  
 2014-11-07 11:33:08.320 Percent of 1177 data files in use: 41.2  
 2014-11-07 11:33:08.320 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-07 11:33:08.320 Channel Sensitivities (uV per count):  
 2014-11-07 11:33:08.320 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-07 11:33:08.320 Digitizer Calibration Results:  
 2014-11-07 11:33:08.320 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-07 11:33:08.320 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-07 11:33:08.320 DMU1 Software Version=10  
 2014-11-07 11:33:08.320 Supply Voltage=12.7



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2014-11-07 11:33:08.320 Supply Current=0.41  
 2014-11-07 11:33:08.320 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-07 11:33:08.320 WebLink Data Maps Restored  
 2014-11-07 11:33:08.320 [2014-11-06 23:32:15.000000] sequence resumes: 18566844 to 18566844  
 2014-11-07 11:33:08.320 [2014-11-07 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-11-07 11:33:08.320 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-07 11:33:07  
 2014-11-07 11:34:26.090 Reducing Status Polling Interval  
 2014-11-07 11:39:03.410 [2014-11-07 11:37:15.999998] total packets received: 60625  
 2014-11-07 11:39:03.410 [2014-11-07 11:37:15.999998] command timeouts: 6  
 2014-11-07 11:39:03.410 [2014-11-07 11:37:15.999998] out of window: 74  
 2014-11-07 11:39:03.410 written: HHZ-1241 HH1-1421 HH2-1508 BDH-447 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-07 11:39:03.410 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-26 LDH-30  
 VMZ-2 VM1-2  
 2014-11-07 11:39:03.410 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-11-07 11:39:03.410 [2014-11-07 11:37:15.999998] Done: 4773 recs. seq end: 18610345. run: 350 s  
 2014-11-07 23:39:56.410  
 2014-11-07 23:39:56.410 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-07 23:39:56.410 Control Port 2491 Opened  
 2014-11-07 23:39:56.410 Baler ready on Ethernet  
 2014-11-07 23:39:56.410 Power Cycled Baler Acknowledged  
 2014-11-07 23:39:56.410 Commands Accepted by Q330  
 2014-11-07 23:39:56.410 Access timeout: 300 sec  
 2014-11-07 23:39:56.410 Control Port 4023 Opened  
 2014-11-07 23:39:56.410 Data Port 4024 Opened  
 2014-11-07 23:39:56.410 Registered with Q330  
 2014-11-07 23:39:56.410 Combination Record Received  
 2014-11-07 23:39:56.410 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-07 23:39:56.410 Link Reset, starting window sequence: 43674  
 2014-11-07 23:39:56.410 GPS Receiver ID Received  
 2014-11-07 23:39:56.410 Manufacturer's Data Received, Property Tag=2017  
 2014-11-07 23:39:56.410 Digitizer Gain & Offsets Received  
 2014-11-07 23:39:56.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4773 recs. seq end: 18610345  
 2014-11-07 23:39:56.410 Baler clock set to 2014-11-07 23:39:55  
 2014-11-07 23:39:56.410 Starting to Read DP Tokens  
 2014-11-07 23:39:56.410 DP Tokens loaded, size=1474 bytes  
 2014-11-07 23:39:56.410 Webserver advertising 192.168.200.119:5380  
 2014-11-07 23:39:56.410 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-07 23:39:56.410 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-07 23:39:56.410 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-07 23:39:56.410 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-07 23:39:56.410 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-07 23:39:56.410 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-07 23:39:56.410 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-07 23:39:56.410 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-07 23:39:56.410 [2014-11-07 11:37:15.999998] continuity found: 18610345  
 468675436.000000 Q=100  
 2014-11-07 23:39:56.410 [2014-11-07 11:37:15.999998] restoring continuity  
 2014-11-07 23:39:56.410 Sending DT\_OPEN  
 2014-11-07 23:39:56.410 Station: XX-2017  
 2014-11-07 23:39:56.410 Q330 Serial Number: 0100000DB18FC351  
 2014-11-07 23:39:56.410 AMB Serial Number: 0100000B6909DD82  
 2014-11-07 23:39:56.410 Seismo 1 Serial Number: 0000000000000000  
 2014-11-07 23:39:56.410 Seismo 2 Serial Number: 0000000000000000  
 2014-11-07 23:39:56.410 QAPCHP 1 Serial Number: 4643206  
 2014-11-07 23:39:56.410 QAPCHP 2 Serial Number: 3743050  
 2014-11-07 23:39:56.410 KMI Property Tag Number: 2017  
 2014-11-07 23:39:56.410 System Software Version: 1.146

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2014-11-07 23:39:56.410 Slave Processor Version: 1.11  
 2014-11-07 23:39:56.410 Calibrator Type: QCAL330  
 2014-11-07 23:39:56.410 Calibrator Version: 1.8  
 2014-11-07 23:39:56.410 Auxiliary Board Type: None  
 2014-11-07 23:39:56.410 Clock Type: Motorola M12  
 2014-11-07 23:39:56.410 PLD Version: 7.9  
 2014-11-07 23:39:56.410 Total Hours: 70324.20  
 2014-11-07 23:39:56.410 Power On Hours: 34954.59  
 2014-11-07 23:39:56.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-07 23:39:56.410 Total Number of Boots: 120  
 2014-11-07 23:39:56.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-07 23:39:56.410 Total Number of Re-Syncs: 213  
 2014-11-07 23:39:56.410 Status Inputs: 00000000  
 2014-11-07 23:39:56.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-07 23:39:56.410 Clock Quality: 100%  
 2014-11-07 23:39:56.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-07 23:39:56.410 Clock Phase: -2 usec. max allowed=50000  
 2014-11-07 23:39:56.410 Boom positions:  
 2014-11-07 23:39:56.410 ch1: -2 ch2: 2 ch3: 11 ch4: 20 ch5: 20 ch6: 20  
 2014-11-07 23:39:56.410 Analog Status  
 2014-11-07 23:39:56.410 Analog Positive Supply: 5.46V  
 2014-11-07 23:39:56.410 Input Voltage: 13.20V  
 2014-11-07 23:39:56.410 System Temperature: 5C  
 2014-11-07 23:39:56.410 Main Current: 62ma  
 2014-11-07 23:39:56.410 Antenna Current: 0ma  
 2014-11-07 23:39:56.410 GPS Status  
 2014-11-07 23:39:56.410 Time: 23:39:55  
 2014-11-07 23:39:56.410 Date:  
 2014-11-07 23:39:56.410 Fix Type: 1-D  
 2014-11-07 23:39:56.410 Height:  
 2014-11-07 23:39:56.410 Latitude:  
 2014-11-07 23:39:56.410 Longitude:  
 2014-11-07 23:39:56.410 On Time: 0min  
 2014-11-07 23:39:56.410 Sat. Used: 0  
 2014-11-07 23:39:56.410 In View: 0  
 2014-11-07 23:39:56.410 Checksum Errors: 0  
 2014-11-07 23:39:56.410 Last GPS timemark: 2014-11-07 23:39:54  
 2014-11-07 23:39:56.410 PLL Status  
 2014-11-07 23:39:56.410 State: Lock  
 2014-11-07 23:39:56.410 Initial VCO: 2201.124023  
 2014-11-07 23:39:56.410 Time Error: 0.000000  
 2014-11-07 23:39:56.410 RMS VCO: 0.000000  
 2014-11-07 23:39:56.410 Best VCO: 2201.12  
 2014-11-07 23:39:56.410 Seconds Since Track or Lock: 0.0  
 2014-11-07 23:39:56.410 Vco Control: 2201  
 2014-11-07 23:39:56.410 timing mode: external seascan  
 2014-11-07 23:39:56.410 tempco normal  
 2014-11-07 23:39:56.410 PLL update: 10s PLL lock criterion: 5us  
 2014-11-07 23:39:56.410 Pfrac: 150.00  
 2014-11-07 23:39:56.410 VCO slope: -0.0175000  
 2014-11-07 23:39:56.410 Km delta: 600.0000000  
 2014-11-07 23:39:56.410 Logical Port 4 Status  
 2014-11-07 23:39:56.410 Data Packets Sent: 21410624  
 2014-11-07 23:39:56.410 Flood Packets Sent: 0  
 2014-11-07 23:39:56.410 Packets Re-Sent: 33996  
 2014-11-07 23:39:56.410 Sequence Errors: 0  
 2014-11-07 23:39:56.410 Packet Buffer Used: 22638980  
 2014-11-07 23:39:56.410 Physical Port: Ethernet  
 2014-11-07 23:39:56.410 Baler Model: 14 Software Version: 2.28  
 2014-11-07 23:39:56.410 MAC Address: 00:04:FB:00:02:EA  
 2014-11-07 23:39:56.410 Disk Size: 20000669696  
 2014-11-07 23:39:56.410 Percent of 1177 data files in use: 41.3  
 2014-11-07 23:39:56.410 Channels Enabled: 1234 Preamps ON channels:

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2014-11-07 23:39:56.410 Channel Sensitivities (uV per count):
2014-11-07 23:39:56.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-07 23:39:56.410 Digitizer Calibration Results:
2014-11-07 23:39:56.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-07 23:39:56.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-07 23:39:56.410 DMU1 Software Version=10
2014-11-07 23:39:56.410 Supply Voltage=12.7
2014-11-07 23:39:56.410 Supply Current=0.41
2014-11-07 23:39:56.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-07 23:39:56.410 WebLink Data Maps Restored
2014-11-07 23:39:56.410 [2014-11-07 11:37:15.999998] sequence resumes: 18610345 to
18610345
2014-11-07 23:39:56.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-11-07 23:39:55
2014-11-07 23:45:26.070 [2014-11-07 23:36:09.000000] total packets received: 48452
2014-11-07 23:45:26.070 [2014-11-07 23:36:09.000000] command timeouts: 6
2014-11-07 23:45:26.070 [2014-11-07 23:36:09.000000] out of window: 58
2014-11-07 23:45:26.070 written: HHZ-1187 HH1-1381 HH2-1405 BDH-448 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-11-07 23:45:26.070 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-27 LH2-28 LDH-36
VMZ-1 VM1-1
2014-11-07 23:45:26.070 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-11-07 23:45:26.070 [2014-11-07 23:36:09.000000] Done: 4573 recs. seq end:
18653478. run: 325 s
2014-11-08 11:46:19.350
2014-11-08 11:46:19.350 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-08 11:46:19.350 Control Port 2491 Opened
2014-11-08 11:46:19.350 Baler ready on Ethernet
2014-11-08 11:46:19.350 Power Cycled Baler Acknowledged
2014-11-08 11:46:19.350 Commands Accepted by Q330
2014-11-08 11:46:19.350 Access timeout: 300 sec
2014-11-08 11:46:19.350 Control Port 4023 Opened
2014-11-08 11:46:19.350 Data Port 4024 Opened
2014-11-08 11:46:19.350 Registered with Q330
2014-11-08 11:46:19.350 Combination Record Received
2014-11-08 11:46:19.350 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-08 11:46:19.350 Link Reset, starting window sequence: 26497
2014-11-08 11:46:19.350 GPS Receiver ID Received
2014-11-08 11:46:19.350 Manufacturer's Data Received, Property Tag=2017
2014-11-08 11:46:19.350 Digitizer Gain & Offsets Received
2014-11-08 11:46:19.350 Msg From 192.168.200.119:Baler XX-2017 readback. 4573 recs.
seq end: 18653478
2014-11-08 11:46:19.350 Baler clock set to 2014-11-08 11:46:18
2014-11-08 11:46:19.350 Starting to Read DP Tokens
2014-11-08 11:46:19.350 DP Tokens loaded, size=1474 bytes
2014-11-08 11:46:19.350 webserver advertising 192.168.200.119:5380
2014-11-08 11:46:19.350 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-08 11:46:19.350 filters & delay HH1:2@100,Linear all=0.320000
2014-11-08 11:46:19.350 filters & delay HH2:3@100,Linear all=0.320000
2014-11-08 11:46:19.350 filters & delay BDH:4@20,Linear all=1.650000
2014-11-08 11:46:19.350 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-08 11:46:19.350 filters & delay LH1:2@1,Linear all=15.000000
2014-11-08 11:46:19.350 filters & delay LH2:3@1,Linear all=15.000000
2014-11-08 11:46:19.350 filters & delay LDH:4@1,Linear all=15.000000
2014-11-08 11:46:19.350 [2014-11-07 23:36:09.000000] continuity found: 18653478
468718569.000000 Q=100
2014-11-08 11:46:19.350 [2014-11-07 23:36:09.000000] restoring continuity
2014-11-08 11:46:19.350 Sending DT_OPEN
2014-11-08 11:46:19.350 Station: XX-2017
2014-11-08 11:46:19.350 Q330 Serial Number: 0100000DB18FC351
2014-11-08 11:46:19.350 AMB Serial Number: 0100000B6909DD82
2014-11-08 11:46:19.350 Seismo 1 Serial Number: 0000000000000000
2014-11-08 11:46:19.350 Seismo 2 Serial Number: 0000000000000000

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2014-11-08 11:46:19.350 QAPCHP 1 Serial Number: 4643206  
 2014-11-08 11:46:19.350 QAPCHP 2 Serial Number: 3743050  
 2014-11-08 11:46:19.350 KMI Property Tag Number: 2017  
 2014-11-08 11:46:19.350 System Software Version: 1.146  
 2014-11-08 11:46:19.350 Slave Processor Version: 1.11  
 2014-11-08 11:46:19.350 Calibrator Type: QCAL330  
 2014-11-08 11:46:19.350 Calibrator Version: 1.8  
 2014-11-08 11:46:19.350 Auxiliary Board Type: None  
 2014-11-08 11:46:19.350 Clock Type: Motorola M12  
 2014-11-08 11:46:19.350 PLD Version: 7.9  
 2014-11-08 11:46:19.350 Total Hours: 70336.31  
 2014-11-08 11:46:19.350 Power On Hours: 34966.69  
 2014-11-08 11:46:19.350 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-08 11:46:19.350 Total Number of Boots: 120  
 2014-11-08 11:46:19.350 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-08 11:46:19.350 Total Number of Re-Syncs: 213  
 2014-11-08 11:46:19.350 Status Inputs: 00000000  
 2014-11-08 11:46:19.350 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-08 11:46:19.350 Clock Quality: 100%  
 2014-11-08 11:46:19.350 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-08 11:46:19.350 Clock Phase: 0 usec. max allowed=50000  
 2014-11-08 11:46:19.350 Boom positions:  
 2014-11-08 11:46:19.350 ch1: -2 ch2: 1 ch3: 12 ch4: 20 ch5: 20 ch6: 20  
 2014-11-08 11:46:19.350 Analog Status  
 2014-11-08 11:46:19.350 Analog Positive Supply: 5.46V  
 2014-11-08 11:46:19.350 Input Voltage: 13.35V  
 2014-11-08 11:46:19.350 System Temperature: 5C  
 2014-11-08 11:46:19.350 Main Current: 62ma  
 2014-11-08 11:46:19.350 Antenna Current: 0ma  
 2014-11-08 11:46:19.350 GPS Status  
 2014-11-08 11:46:19.350 Time: 11:46:18  
 2014-11-08 11:46:19.350 Date:  
 2014-11-08 11:46:19.350 Fix Type: 1-D  
 2014-11-08 11:46:19.350 Height:  
 2014-11-08 11:46:19.350 Latitude:  
 2014-11-08 11:46:19.350 Longitude:  
 2014-11-08 11:46:19.350 On Time: 0min  
 2014-11-08 11:46:19.350 Sat. Used: 0  
 2014-11-08 11:46:19.350 In View: 0  
 2014-11-08 11:46:19.350 Checksum Errors: 0  
 2014-11-08 11:46:19.350 Last GPS timemark: 2014-11-08 11:46:17  
 2014-11-08 11:46:19.350 PLL Status  
 2014-11-08 11:46:19.350 State: Lock  
 2014-11-08 11:46:19.350 Initial VCO: 2200.780518  
 2014-11-08 11:46:19.350 Time Error: 0.000000  
 2014-11-08 11:46:19.350 RMS VCO: 0.0000000  
 2014-11-08 11:46:19.350 Best VCO: 2200.79  
 2014-11-08 11:46:19.350 Seconds Since Track or Lock: 0.0  
 2014-11-08 11:46:19.350 vco Control: 2201  
 2014-11-08 11:46:19.350 timing mode: external seascan  
 2014-11-08 11:46:19.350 tempco normal  
 2014-11-08 11:46:19.350 PLL update: 10s PLL lock criterion: 5us  
 2014-11-08 11:46:19.350 Pfrac: 150.00  
 2014-11-08 11:46:19.350 VCO slope: -0.0175000  
 2014-11-08 11:46:19.350 VCO intercept: 7.1100001  
 2014-11-08 11:46:19.350 km delta: 600.0000000  
 2014-11-08 11:46:19.350 Logical Port 4 Status  
 2014-11-08 11:46:19.350 Data Packets Sent: 21458988  
 2014-11-08 11:46:19.350 Flood Packets Sent: 0  
 2014-11-08 11:46:19.350 Packets Re-Sent: 34072  
 2014-11-08 11:46:19.350 Sequence Errors: 0  
 2014-11-08 11:46:19.350 Packet Buffer Used: 22470880  
 2014-11-08 11:46:19.350 Physical Port: Ethernet

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2014-11-08 11:46:19.350 Baler Model: 14 Software Version: 2.28  
 2014-11-08 11:46:19.350 MAC Address: 00:04:FB:00:02:EA  
 2014-11-08 11:46:19.350 Disk Size: 2000069696  
 2014-11-08 11:46:19.350 Percent of 1177 data files in use: 41.4  
 2014-11-08 11:46:19.350 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-08 11:46:19.350 Channel Sensitivities (uV per count):  
 2014-11-08 11:46:19.350 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-08 11:46:19.350 Digitizer Calibration Results:  
 2014-11-08 11:46:19.350 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-08 11:46:19.350 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-08 11:46:19.350 DMU1 Software Version=10  
 2014-11-08 11:46:19.350 Supply Voltage=12.7  
 2014-11-08 11:46:19.350 Supply Current=0.40  
 2014-11-08 11:46:19.350 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-08 11:46:19.350 WebLink Data Maps Restored  
 2014-11-08 11:46:19.350 [2014-11-07 23:36:09.000000] sequence resumes: 18653478 to 18653478  
 2014-11-08 11:46:19.350 [2014-11-08 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-11-08 11:46:19.350 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-08 11:46:18  
 2014-11-08 11:51:58.740 Reducing Status Polling Interval  
 2014-11-08 11:51:58.740 [2014-11-08 11:51:57.999998] total packets received: 46868  
 2014-11-08 11:51:58.740 [2014-11-08 11:51:57.999998] command timeouts: 6  
 2014-11-08 11:51:58.740 [2014-11-08 11:51:57.999998] out of window: 80  
 2014-11-08 11:51:58.740 written: HHZ-1177 HH1-1373 HH2-1422 BDH-454 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-08 11:51:58.740 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-33  
 VMZ-2 VM1-2  
 2014-11-08 11:51:58.740 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-11-08 11:51:58.740 [2014-11-08 11:51:57.999998] Done: 4581 recs. seq end: 18697627. run: 334 s  
 2014-11-08 23:52:51.410  
 2014-11-08 23:52:51.410 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-08 23:52:51.410 Control Port 2491 Opened  
 2014-11-08 23:52:51.410 Baler ready on Ethernet  
 2014-11-08 23:52:51.410 Power Cycled Baler Acknowledged  
 2014-11-08 23:52:51.410 Commands Accepted by Q330  
 2014-11-08 23:52:51.410 Access timeout: 300 sec  
 2014-11-08 23:52:51.410 Control Port 4023 Opened  
 2014-11-08 23:52:51.410 Data Port 4024 Opened  
 2014-11-08 23:52:51.410 Registered with Q330  
 2014-11-08 23:52:51.410 Combination Record Received  
 2014-11-08 23:52:51.410 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-08 23:52:51.410 Link Reset, starting window sequence: 7713  
 2014-11-08 23:52:51.410 GPS Receiver ID Received  
 2014-11-08 23:52:51.410 Manufacturer's Data Received, Property Tag=2017  
 2014-11-08 23:52:51.410 Digitizer Gain & Offsets Received  
 2014-11-08 23:52:51.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4581 recs. seq end: 18697627  
 2014-11-08 23:52:51.410 Baler clock set to 2014-11-08 23:52:50  
 2014-11-08 23:52:51.410 Starting to Read DP Tokens  
 2014-11-08 23:52:51.410 DP Tokens loaded, size=1474 bytes  
 2014-11-08 23:52:51.410 webserver advertising 192.168.200.119:5380  
 2014-11-08 23:52:51.410 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-08 23:52:51.410 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-08 23:52:51.410 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-08 23:52:51.410 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-08 23:52:51.410 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-08 23:52:51.410 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-08 23:52:51.410 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-08 23:52:51.410 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-08 23:52:51.410 [2014-11-08 11:51:57.999998] continuity found: 18697627

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468762718.000000 Q=100
2014-11-08 23:52:51.410 [2014-11-08 11:51:57.999998] restoring continuity
2014-11-08 23:52:51.410 Sending DT_OPEN
2014-11-08 23:52:51.410 Station: XX-2017
2014-11-08 23:52:51.410 Q330 Serial Number: 0100000DB18FC351
2014-11-08 23:52:51.410 AMB Serial Number: 0100000B6909DD82
2014-11-08 23:52:51.410 Seismo 1 Serial Number: 0000000000000000
2014-11-08 23:52:51.410 Seismo 2 Serial Number: 0000000000000000
2014-11-08 23:52:51.410 QAPCHP 1 Serial Number: 4643206
2014-11-08 23:52:51.410 KMI Property Tag Number: 2017
2014-11-08 23:52:51.410 System Software Version: 1.146
2014-11-08 23:52:51.410 Slave Processor Version: 1.11
2014-11-08 23:52:51.410 Calibrator Type: QCAL330
2014-11-08 23:52:51.410 Calibrator Version: 1.8
2014-11-08 23:52:51.410 Auxiliary Board Type: None
2014-11-08 23:52:51.410 Clock Type: Motorola M12
2014-11-08 23:52:51.410 PLD Version: 7.9
2014-11-08 23:52:51.410 Total Hours: 70348.42
2014-11-08 23:52:51.410 Power On Hours: 34978.80
2014-11-08 23:52:51.410 Time of Last Boot: 2014-04-06 02:03:58
2014-11-08 23:52:51.410 Total Number of Boots: 120
2014-11-08 23:52:51.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-08 23:52:51.410 Total Number of Re-Syncs: 213
2014-11-08 23:52:51.410 Status Inputs: 00000000
2014-11-08 23:52:51.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-11-08 23:52:51.410 Clock Quality: 100%
2014-11-08 23:52:51.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-08 23:52:51.410 Clock Phase: 0 usec. max allowed=50000
2014-11-08 23:52:51.410 Boom positions:
2014-11-08 23:52:51.410 Ch1: -2 Ch2: 1 Ch3: 13 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-08 23:52:51.410 Analog Status
2014-11-08 23:52:51.410 Analog Positive Supply: 5.46v
2014-11-08 23:52:51.410 Input Voltage: 13.35V
2014-11-08 23:52:51.410 System Temperature: 5C
2014-11-08 23:52:51.410 Main Current: 62ma
2014-11-08 23:52:51.410 Antenna Current: 0ma
2014-11-08 23:52:51.410 GPS Status
2014-11-08 23:52:51.410 Time: 23:52:50
2014-11-08 23:52:51.410 Date:
2014-11-08 23:52:51.410 Fix Type: 1-D
2014-11-08 23:52:51.410 Height:
2014-11-08 23:52:51.410 Latitude:
2014-11-08 23:52:51.410 Longitude:
2014-11-08 23:52:51.410 On Time: 0min
2014-11-08 23:52:51.410 Sat. Used: 0
2014-11-08 23:52:51.410 In View: 0
2014-11-08 23:52:51.410 Checksum Errors: 0
2014-11-08 23:52:51.410 Last GPS timemark: 2014-11-08 23:52:49
2014-11-08 23:52:51.410 PLL Status
2014-11-08 23:52:51.410 State: Lock
2014-11-08 23:52:51.410 Initial VCO: 2200.919434
2014-11-08 23:52:51.410 Time Error: 0.000000
2014-11-08 23:52:51.410 RMS VCO: 0.000000
2014-11-08 23:52:51.410 Best VCO: 2200.88
2014-11-08 23:52:51.410 Seconds Since Track or Lock: 0.0
2014-11-08 23:52:51.410 Vco Control: 2201
2014-11-08 23:52:51.410 timing mode: external seascan
2014-11-08 23:52:51.410 tempco normal
2014-11-08 23:52:51.410 PLL update: 10s PLL lock criterion: 5us
2014-11-08 23:52:51.410 Pfrac: 150.00
2014-11-08 23:52:51.410 VCO slope: -0.0175000
2014-11-08 23:52:51.410 VCO intercept: 7.1100001
2014-11-08 23:52:51.410 km delta: 600.000000

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2014-11-08 23:52:51.410 Logical Port 4 Status  
 2014-11-08 23:52:51.410 Data Packets Sent: 21505745  
 2014-11-08 23:52:51.410 Flood Packets Sent: 0  
 2014-11-08 23:52:51.410 Packets Re-Sent: 34165  
 2014-11-08 23:52:51.410 Sequence Errors: 0  
 2014-11-08 23:52:51.410 Packet Buffer Used: 21805720  
 2014-11-08 23:52:51.410 Physical Port: Ethernet  
 2014-11-08 23:52:51.410 Baler Model: 14 Software Version: 2.28  
 2014-11-08 23:52:51.410 MAC Address: 00:04:FB:00:02:EA  
 2014-11-08 23:52:51.410 Disk Size: 20000669696  
 2014-11-08 23:52:51.410 Percent of 1177 data files in use: 41.5  
 2014-11-08 23:52:51.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-08 23:52:51.410 Channel Sensitivities (uV per count):  
 2014-11-08 23:52:51.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-08 23:52:51.410 Digitizer Calibration Results:  
 2014-11-08 23:52:51.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-08 23:52:51.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-08 23:52:51.410 DMU1 Software Version=10  
 2014-11-08 23:52:51.410 Supply Voltage=12.7  
 2014-11-08 23:52:51.410 Supply Current=0.40  
 2014-11-08 23:52:51.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-08 23:52:51.410 WebLink Data Maps Restored  
 2014-11-08 23:52:51.410 [2014-11-08 11:51:57.999998] sequence resumes: 18697627 to  
 18697627  
 2014-11-08 23:52:51.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-11-08 23:52:50  
 2014-11-08 23:58:15.140 Reducing Status Polling Interval  
 2014-11-08 23:58:15.140 [2014-11-08 23:58:13.999998] total packets received: 44469  
 2014-11-08 23:58:15.140 [2014-11-08 23:58:13.999998] command timeouts: 6  
 2014-11-08 23:58:15.140 [2014-11-08 23:58:13.999998] out of window: 63  
 2014-11-08 23:58:15.140 written: HHZ-1154 HH1-1319 HH2-1365 BDH-441 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-11-08 23:58:15.140 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-30  
 VMZ-2 VM1-2  
 2014-11-08 23:58:15.140 written: VM2-2 LOG-2 ACE-1 OCF-1  
 2014-11-08 23:58:15.140 [2014-11-08 23:58:13.999998] Done: 4424 recs. seq end:  
 18741203. run: 319 s  
 2014-11-09 11:59:07.380  
 2014-11-09 11:59:07.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-09 11:59:07.380 Control Port 2491 Opened  
 2014-11-09 11:59:07.380 Baler ready on Ethernet  
 2014-11-09 11:59:07.380 Power Cycled Baler Acknowledged  
 2014-11-09 11:59:07.380 Commands Accepted by Q330  
 2014-11-09 11:59:07.380 Access timeout: 300 sec  
 2014-11-09 11:59:07.380 Control Port 4023 Opened  
 2014-11-09 11:59:07.380 Data Port 4024 Opened  
 2014-11-09 11:59:07.380 Registered with Q330  
 2014-11-09 11:59:07.380 Combination Record Received  
 2014-11-09 11:59:07.380 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-09 11:59:07.380 Link Reset, starting window sequence: 52084  
 2014-11-09 11:59:07.380 GPS Receiver ID Received  
 2014-11-09 11:59:07.380 Manufacturer's Data Received, Property Tag=2017  
 2014-11-09 11:59:07.380 Digitizer Gain & Offsets Received  
 2014-11-09 11:59:07.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4424 recs.  
 seq end: 18741203  
 2014-11-09 11:59:07.380 Baler clock set to 2014-11-09 11:59:06  
 2014-11-09 11:59:07.380 Starting to Read DP Tokens  
 2014-11-09 11:59:07.380 DP Tokens loaded, size=1474 bytes  
 2014-11-09 11:59:07.380 webserver advertising 192.168.200.119:5380  
 2014-11-09 11:59:07.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-09 11:59:07.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-09 11:59:07.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-09 11:59:07.380 filters & delay BDH:4@20,Linear all=1.650000

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2014-11-09 11:59:07.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-09 11:59:07.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-09 11:59:07.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-09 11:59:07.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-09 11:59:07.380 [2014-11-08 23:58:13.999998] continuity found: 18741203  
 468806294.000000 Q=100  
 2014-11-09 11:59:07.380 [2014-11-08 23:58:13.999998] restoring continuity  
 2014-11-09 11:59:07.380 Sending DT\_OPEN  
 2014-11-09 11:59:07.380 Station: XX-2017  
 2014-11-09 11:59:07.380 Q330 Serial Number: 0100000DB18FC351  
 2014-11-09 11:59:07.380 AMB Serial Number: 0100000B6909DD82  
 2014-11-09 11:59:07.380 Seismo 1 Serial Number: 0000000000000000  
 2014-11-09 11:59:07.380 Seismo 2 Serial Number: 0000000000000000  
 2014-11-09 11:59:07.380 QAPCHP 1 Serial Number: 4643206  
 2014-11-09 11:59:07.380 QAPCHP 2 Serial Number: 3743050  
 2014-11-09 11:59:07.380 KMI Property Tag Number: 2017  
 2014-11-09 11:59:07.380 System Software Version: 1.146  
 2014-11-09 11:59:07.380 Slave Processor Version: 1.11  
 2014-11-09 11:59:07.380 Calibrator Type: QCAL330  
 2014-11-09 11:59:07.380 Calibrator Version: 1.8  
 2014-11-09 11:59:07.380 Auxiliary Board Type: None  
 2014-11-09 11:59:07.380 Clock Type: Motorola M12  
 2014-11-09 11:59:07.380 PLD Version: 7.9  
 2014-11-09 11:59:07.380 Total Hours: 70360.52  
 2014-11-09 11:59:07.380 Power On Hours: 34990.91  
 2014-11-09 11:59:07.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-09 11:59:07.380 Total Number of Boots: 120  
 2014-11-09 11:59:07.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-09 11:59:07.380 Total Number of Re-Syncs: 213  
 2014-11-09 11:59:07.380 Status Inputs: 00000000  
 2014-11-09 11:59:07.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-09 11:59:07.380 Clock Quality: 100%  
 2014-11-09 11:59:07.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-09 11:59:07.380 Clock Phase: -2 usec. max allowed=50000  
 2014-11-09 11:59:07.380 Boom positions:  
 2014-11-09 11:59:07.380 Ch1: -2 Ch2: 1 Ch3: 13 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-09 11:59:07.380 Analog Status  
 2014-11-09 11:59:07.380 Analog Positive Supply: 5.46V  
 2014-11-09 11:59:07.380 Input Voltage: 13.20V  
 2014-11-09 11:59:07.380 System Temperature: 5C  
 2014-11-09 11:59:07.380 Main Current: 63ma  
 2014-11-09 11:59:07.380 Antenna Current: 0ma  
 2014-11-09 11:59:07.380 GPS Status  
 2014-11-09 11:59:07.380 Time: 11:59:07  
 2014-11-09 11:59:07.380 Date:  
 2014-11-09 11:59:07.380 Fix Type: 1-D  
 2014-11-09 11:59:07.380 Height:  
 2014-11-09 11:59:07.380 Latitude:  
 2014-11-09 11:59:07.380 Longitude:  
 2014-11-09 11:59:07.380 On Time: 0min  
 2014-11-09 11:59:07.380 Sat. Used: 0  
 2014-11-09 11:59:07.380 In View: 0  
 2014-11-09 11:59:07.380 Checksum Errors: 0  
 2014-11-09 11:59:07.380 Last GPS timemark: 2014-11-09 11:59:06  
 2014-11-09 11:59:07.380 PLL Status  
 2014-11-09 11:59:07.380 State: Lock  
 2014-11-09 11:59:07.380 Initial VCO: 2200.490479  
 2014-11-09 11:59:07.380 Time Error: 0.000002  
 2014-11-09 11:59:07.380 RMS VCO: 0.0000000  
 2014-11-09 11:59:07.380 Best VCO: 2200.65  
 2014-11-09 11:59:07.380 Seconds Since Track or Lock: 0.0  
 2014-11-09 11:59:07.380 Vco Control: 2201  
 2014-11-09 11:59:07.380 timing mode: external seascan



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2014-11-09 11:59:07.380 tempco normal  
 2014-11-09 11:59:07.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-09 11:59:07.380 Pfrac: 150.00  
 2014-11-09 11:59:07.380 VCO slope: -0.0175000  
 2014-11-09 11:59:07.380 VCO intercept: 7.1100001  
 2014-11-09 11:59:07.380 km delta: 600.0000000  
 2014-11-09 11:59:07.380 Logical Port 4 Status  
 2014-11-09 11:59:07.380 Data Packets Sent: 21550121  
 2014-11-09 11:59:07.380 Flood Packets Sent: 0  
 2014-11-09 11:59:07.380 Packets Re-Sent: 34242  
 2014-11-09 11:59:07.380 Sequence Errors: 0  
 2014-11-09 11:59:07.380 Packet Buffer Used: 22218284  
 2014-11-09 11:59:07.380 Physical Port: Ethernet  
 2014-11-09 11:59:07.380 Baler Model: 14 Software Version: 2.28  
 2014-11-09 11:59:07.380 MAC Address: 00:04:FB:00:02:EA  
 2014-11-09 11:59:07.380 Disk Size: 20000669696  
 2014-11-09 11:59:07.380 Percent of 1177 data files in use: 41.5  
 2014-11-09 11:59:07.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-09 11:59:07.380 Channel Sensitivities (uV per count):  
 2014-11-09 11:59:07.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-09 11:59:07.380 Digitizer Calibration Results:  
 2014-11-09 11:59:07.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-09 11:59:07.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-09 11:59:07.380 DMU1 Software Version=10  
 2014-11-09 11:59:07.380 Supply Voltage=12.7  
 2014-11-09 11:59:07.380 Supply Current=0.40  
 2014-11-09 11:59:07.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-09 11:59:07.380 WebLink Data Maps Restored  
 2014-11-09 11:59:07.380 [2014-11-08 23:58:13.999998] sequence resumes: 18741203 to  
 18741203  
 2014-11-09 11:59:07.380 [2014-11-08 23:59:59.999998] saving Configuration to Backup  
 Memory  
 2014-11-09 11:59:07.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-09 11:59:06  
 2014-11-09 12:04:36.320 Reducing Status Polling Interval  
 2014-11-09 12:04:36.320 [2014-11-09 12:04:35.999998] total packets received: 46695  
 2014-11-09 12:04:36.320 [2014-11-09 12:04:35.999998] command timeouts: 6  
 2014-11-09 12:04:36.320 [2014-11-09 12:04:35.999998] out of window: 64  
 2014-11-09 12:04:36.320 written: HHZ-1187 HH1-1383 HH2-1372 BDH-437 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-11-09 12:04:36.320 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-11-09 12:04:36.320 [2014-11-09 12:04:35.999998] Done: 4518 recs. seq end:  
 18784785. run: 324 s  
 2014-11-10 00:05:30.370  
 2014-11-10 00:05:30.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-10 00:05:30.370 Control Port 2491 Opened  
 2014-11-10 00:05:30.370 Baler ready on Ethernet  
 2014-11-10 00:05:30.370 Power Cycled Baler Acknowledged  
 2014-11-10 00:05:30.370 Commands Accepted by Q330  
 2014-11-10 00:05:30.370 Access timeout: 300 sec  
 2014-11-10 00:05:30.370 Control Port 4023 Opened  
 2014-11-10 00:05:30.370 Data Port 4024 Opened  
 2014-11-10 00:05:30.370 Registered with Q330  
 2014-11-10 00:05:30.370 Combination Record Received  
 2014-11-10 00:05:30.370 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-10 00:05:30.370 Link Reset, starting window sequence: 33144  
 2014-11-10 00:05:30.370 GPS Receiver ID Received  
 2014-11-10 00:05:30.370 Manufacturer's Data Received, Property Tag=2017  
 2014-11-10 00:05:30.370 Digitizer Gain & Offsets Received  
 2014-11-10 00:05:30.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4518 recs.  
 seq end: 18784785  
 2014-11-10 00:05:30.370 Baler clock set to 2014-11-10 00:05:29  
 2014-11-10 00:05:30.370 Starting to Read DP Tokens

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2014-11-10 00:05:30.370 DP Tokens loaded, size=1474 bytes
2014-11-10 00:05:30.370 Webserver advertising 192.168.200.119:5380
2014-11-10 00:05:30.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-10 00:05:30.370 filters & delay HH1:2@100,Linear all=0.320000
2014-11-10 00:05:30.370 filters & delay HH2:3@100,Linear all=0.320000
2014-11-10 00:05:30.370 filters & delay BDH:4@20,Linear all=1.650000
2014-11-10 00:05:30.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-10 00:05:30.370 filters & delay LH1:2@1,Linear all=15.000000
2014-11-10 00:05:30.370 filters & delay LH2:3@1,Linear all=15.000000
2014-11-10 00:05:30.370 filters & delay LDH:4@1,Linear all=15.000000
2014-11-10 00:05:30.370 [2014-11-09 12:04:35.999998] continuity found: 18784785
468849876.000000 Q=100
2014-11-10 00:05:30.370 [2014-11-09 12:04:35.999998] restoring continuity
2014-11-10 00:05:30.370 Sending DT_OPEN
2014-11-10 00:05:30.370 Station: XX-2017
2014-11-10 00:05:30.370 Q330 Serial Number: 0100000DB18FC351
2014-11-10 00:05:30.370 AMB Serial Number: 0100000B6909DD82
2014-11-10 00:05:30.370 Seismo 1 Serial Number: 0000000000000000
2014-11-10 00:05:30.370 Seismo 2 Serial Number: 0000000000000000
2014-11-10 00:05:30.370 QAPCHP 1 Serial Number: 4643206
2014-11-10 00:05:30.370 QAPCHP 2 Serial Number: 3743050
2014-11-10 00:05:30.370 KMI Property Tag Number: 2017
2014-11-10 00:05:30.370 System Software Version: 1.146
2014-11-10 00:05:30.370 Slave Processor Version: 1.11
2014-11-10 00:05:30.370 Calibrator Type: QCAL330
2014-11-10 00:05:30.370 Calibrator Version: 1.8
2014-11-10 00:05:30.370 Auxiliary Board Type: None
2014-11-10 00:05:30.370 Clock Type: Motorola M12
2014-11-10 00:05:30.370 PLD Version: 7.9
2014-11-10 00:05:30.370 Total Hours: 70372.63
2014-11-10 00:05:30.370 Power On Hours: 35003.01
2014-11-10 00:05:30.370 Time of Last Boot: 2014-04-06 02:03:58
2014-11-10 00:05:30.370 Total Number of Boots: 120
2014-11-10 00:05:30.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-10 00:05:30.370 Total Number of Re-Syncs: 213
2014-11-10 00:05:30.370 Status Inputs: 00000000
2014-11-10 00:05:30.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-10 00:05:30.370 Clock Quality: 100%
2014-11-10 00:05:30.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-10 00:05:30.370 Clock Phase: 0 usec. max allowed=50000
2014-11-10 00:05:30.370 Boom positions:
2014-11-10 00:05:30.370 Ch1: -2 Ch2: 0 Ch3: 16 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-10 00:05:30.370 Analog Status
2014-11-10 00:05:30.370 Analog Positive Supply: 5.46V
2014-11-10 00:05:30.370 Input Voltage: 13.20V
2014-11-10 00:05:30.370 System Temperature: 5C
2014-11-10 00:05:30.370 Main Current: 62ma
2014-11-10 00:05:30.370 Antenna Current: 0ma
2014-11-10 00:05:30.370 GPS Status
2014-11-10 00:05:30.370 Time: 00:05:29
2014-11-10 00:05:30.370 Date:
2014-11-10 00:05:30.370 Fix Type: 1-D
2014-11-10 00:05:30.370 Height:
2014-11-10 00:05:30.370 Latitude:
2014-11-10 00:05:30.370 Longitude:
2014-11-10 00:05:30.370 On Time: 0min
2014-11-10 00:05:30.370 Sat. Used: 0
2014-11-10 00:05:30.370 In View: 0
2014-11-10 00:05:30.370 Checksum Errors: 0
2014-11-10 00:05:30.370 Last GPS timemark: 2014-11-10 00:05:28
2014-11-10 00:05:30.370 PLL Status
2014-11-10 00:05:30.370 State: Lock
2014-11-10 00:05:30.370 Initial VCO: 2200.903809

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2014-11-10 00:05:30.370 Time Error: 0.000000  
 2014-11-10 00:05:30.370 RMS VCO: 0.0000000  
 2014-11-10 00:05:30.370 Best VCO: 2201.02  
 2014-11-10 00:05:30.370 Seconds Since Track or Lock: 0.0  
 2014-11-10 00:05:30.370 Vco Control: 2201  
 2014-11-10 00:05:30.370 timing mode: external seascan  
 2014-11-10 00:05:30.370 tempco normal  
 2014-11-10 00:05:30.370 PLL update: 10s PLL lock criterion: 5us  
 2014-11-10 00:05:30.370 Pfrac: 150.00  
 2014-11-10 00:05:30.370 VCO slope: -0.0175000  
 2014-11-10 00:05:30.370 VCO intercept: 7.1100001  
 2014-11-10 00:05:30.370 km delta: 600.0000000  
 2014-11-10 00:05:30.370 Logical Port 4 Status  
 2014-11-10 00:05:30.370 Data Packets Sent: 21596722  
 2014-11-10 00:05:30.370 Flood Packets Sent: 0  
 2014-11-10 00:05:30.370 Packets Re-Sent: 34322  
 2014-11-10 00:05:30.370 Sequence Errors: 0  
 2014-11-10 00:05:30.370 Packet Buffer Used: 22494356  
 2014-11-10 00:05:30.370 Physical Port: Ethernet  
 2014-11-10 00:05:30.370 Baler Model: 14 Software Version: 2.28  
 2014-11-10 00:05:30.370 MAC Address: 00:04:FB:00:02:EA  
 2014-11-10 00:05:30.370 Disk Size: 20000669696  
 2014-11-10 00:05:30.370 Percent of 1177 data files in use: 41.6  
 2014-11-10 00:05:30.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-10 00:05:30.370 Channel Sensitivities (uV per count):  
 2014-11-10 00:05:30.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-10 00:05:30.370 Digitizer Calibration Results:  
 2014-11-10 00:05:30.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-10 00:05:30.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-10 00:05:30.370 DMU1 Software Version=10  
 2014-11-10 00:05:30.370 Supply Voltage=12.7  
 2014-11-10 00:05:30.370 Supply Current=0.41  
 2014-11-10 00:05:30.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-10 00:05:30.370 webLink Data Maps Restored  
 2014-11-10 00:05:30.370 [2014-11-09 12:04:35.999998] sequence resumes: 18784785 to  
 18784785  
 2014-11-10 00:05:30.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-11-10 00:05:29  
 2014-11-10 00:11:05.690 [2014-11-10 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-11-10 00:11:05.690 Reducing Status Polling Interval  
 2014-11-10 00:11:05.690 [2014-11-10 00:11:09.999998] total packets received: 55527  
 2014-11-10 00:11:05.690 [2014-11-10 00:11:09.999998] command timeouts: 6  
 2014-11-10 00:11:05.690 [2014-11-10 00:11:09.999998] out of window: 71  
 2014-11-10 00:11:05.690 written: HHZ-1207 HH1-1422 HH2-1373 BDH-436 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-10 00:11:05.690 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-11-10 00:11:05.690 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-11-10 00:11:05.690 [2014-11-10 00:11:09.999998] Done: 4583 recs. seq end:  
 18828379. run: 337 s  
 2014-11-10 12:12:03.420  
 2014-11-10 12:12:03.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-10 12:12:03.420 Control Port 2491 Opened  
 2014-11-10 12:12:03.420 Baler ready on Ethernet  
 2014-11-10 12:12:03.420 Power Cycled Baler Acknowledged  
 2014-11-10 12:12:03.420 Commands Accepted by Q330  
 2014-11-10 12:12:03.420 Access timeout: 300 sec  
 2014-11-10 12:12:03.420 Control Port 4023 Opened  
 2014-11-10 12:12:03.420 Data Port 4024 Opened  
 2014-11-10 12:12:03.420 Registered with Q330  
 2014-11-10 12:12:03.420 Combination Record Received  
 2014-11-10 12:12:03.420 window=4 Min. Timeout=10 Max. Timeout=30

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2014-11-10 12:12:03.420 Link Reset, starting window sequence: 23028  
 2014-11-10 12:12:03.420 GPS Receiver ID Received  
 2014-11-10 12:12:03.420 Manufacturer's Data Received, Property Tag=2017  
 2014-11-10 12:12:03.420 Digitizer Gain & Offsets Received  
 2014-11-10 12:12:03.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4583 recs.  
 seq end: 18828379  
 2014-11-10 12:12:03.420 Baler clock set to 2014-11-10 12:12:02  
 2014-11-10 12:12:03.420 Starting to Read DP Tokens  
 2014-11-10 12:12:03.420 DP Tokens loaded, size=1474 bytes  
 2014-11-10 12:12:03.420 webserver advertising 192.168.200.119:5380  
 2014-11-10 12:12:03.420 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-10 12:12:03.420 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-10 12:12:03.420 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-10 12:12:03.420 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-10 12:12:03.420 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-10 12:12:03.420 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-10 12:12:03.420 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-10 12:12:03.420 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-10 12:12:03.420 [2014-11-10 00:11:09.999998] continuity found: 18828379  
 468893470.000000 Q=100  
 2014-11-10 12:12:03.420 [2014-11-10 00:11:09.999998] restoring continuity  
 2014-11-10 12:12:03.420 Sending DT\_OPEN  
 2014-11-10 12:12:03.420 Station: XX-2017  
 2014-11-10 12:12:03.420 Q330 Serial Number: 0100000DB18FC351  
 2014-11-10 12:12:03.420 AMB Serial Number: 0100000B6909DD82  
 2014-11-10 12:12:03.420 Seismo 1 Serial Number: 0000000000000000  
 2014-11-10 12:12:03.420 Seismo 2 Serial Number: 0000000000000000  
 2014-11-10 12:12:03.420 QAPCHP 1 Serial Number: 4643206  
 2014-11-10 12:12:03.420 QAPCHP 2 Serial Number: 3743050  
 2014-11-10 12:12:03.420 KMI Property Tag Number: 2017  
 2014-11-10 12:12:03.420 System Software Version: 1.146  
 2014-11-10 12:12:03.420 Slave Processor Version: 1.11  
 2014-11-10 12:12:03.420 Calibrator Type: QCAL330  
 2014-11-10 12:12:03.420 Calibrator Version: 1.8  
 2014-11-10 12:12:03.420 Auxiliary Board Type: None  
 2014-11-10 12:12:03.420 Clock Type: Motorola M12  
 2014-11-10 12:12:03.420 PLD Version: 7.9  
 2014-11-10 12:12:03.420 Total Hours: 70384.74  
 2014-11-10 12:12:03.420 Power On Hours: 35015.12  
 2014-11-10 12:12:03.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-10 12:12:03.420 Total Number of Boots: 120  
 2014-11-10 12:12:03.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-10 12:12:03.420 Total Number of Re-Syncs: 213  
 2014-11-10 12:12:03.420 Status Inputs: 00000000  
 2014-11-10 12:12:03.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-10 12:12:03.420 Clock Quality: 100%  
 2014-11-10 12:12:03.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-10 12:12:03.420 Clock Phase: 0 usec. max allowed=50000  
 2014-11-10 12:12:03.420 Boom positions:  
 2014-11-10 12:12:03.420 Ch1: -2 Ch2: -1 Ch3: 17 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-10 12:12:03.420 Analog Status  
 2014-11-10 12:12:03.420 Analog Positive Supply: 5.46V  
 2014-11-10 12:12:03.420 Input Voltage: 13.35V  
 2014-11-10 12:12:03.420 System Temperature: 5C  
 2014-11-10 12:12:03.420 Main Current: 61ma  
 2014-11-10 12:12:03.420 Antenna Current: 0ma  
 2014-11-10 12:12:03.420 GPS Status  
 2014-11-10 12:12:03.420 Time: 12:12:02  
 2014-11-10 12:12:03.420 Date:  
 2014-11-10 12:12:03.420 Fix Type: 1-D  
 2014-11-10 12:12:03.420 Height:  
 2014-11-10 12:12:03.420 Latitude:  
 2014-11-10 12:12:03.420 Longitude:

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2014-11-10 12:12:03.420 On Time: 0min  
 2014-11-10 12:12:03.420 Sat. Used: 0  
 2014-11-10 12:12:03.420 In View: 0  
 2014-11-10 12:12:03.420 Last GPS timemark: 2014-11-10 12:12:01  
 2014-11-10 12:12:03.420 PLL Status  
 2014-11-10 12:12:03.420 State: Lock  
 2014-11-10 12:12:03.420 Initial VCO: 2200.644531  
 2014-11-10 12:12:03.420 Time Error: 0.000000  
 2014-11-10 12:12:03.420 RMS VCO: 0.000000  
 2014-11-10 12:12:03.420 Best VCO: 2200.58  
 2014-11-10 12:12:03.420 Seconds Since Track or Lock: 0.0  
 2014-11-10 12:12:03.420 Vco Control: 2201  
 2014-11-10 12:12:03.420 timing mode: external seascan  
 2014-11-10 12:12:03.420 tempco normal  
 2014-11-10 12:12:03.420 PLL update: 10s PLL lock criterion: 5us  
 2014-11-10 12:12:03.420 Pfrac: 150.00  
 2014-11-10 12:12:03.420 VCO slope: -0.0175000  
 2014-11-10 12:12:03.420 VCO intercept: 7.1100001  
 2014-11-10 12:12:03.420 Km delta: 600.0000000  
 2014-11-10 12:12:03.420 Logical Port 4 Status  
 2014-11-10 12:12:03.420 Data Packets Sent: 21652147  
 2014-11-10 12:12:03.420 Flood Packets Sent: 0  
 2014-11-10 12:12:03.420 Packets Re-Sent: 34406  
 2014-11-10 12:12:03.420 Sequence Errors: 0  
 2014-11-10 12:12:03.420 Packet Buffer Used: 21238952  
 2014-11-10 12:12:03.420 Physical Port: Ethernet  
 2014-11-10 12:12:03.420 Baler Model: 14 Software Version: 2.28  
 2014-11-10 12:12:03.420 MAC Address: 00:04:FB:00:02:EA  
 2014-11-10 12:12:03.420 Disk Size: 20000669696  
 2014-11-10 12:12:03.420 Percent of 1177 data files in use: 41.8  
 2014-11-10 12:12:03.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-10 12:12:03.420 Channel Sensitivities (uV per count):  
 2014-11-10 12:12:03.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-10 12:12:03.420 Digitizer Calibration Results:  
 2014-11-10 12:12:03.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-10 12:12:03.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-10 12:12:03.420 DMU1 Software Version=10  
 2014-11-10 12:12:03.420 Supply Voltage=12.7  
 2014-11-10 12:12:03.420 Supply Current=0.41  
 2014-11-10 12:12:03.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-10 12:12:03.420 webLink Data Maps Restored  
 2014-11-10 12:12:03.420 [2014-11-10 00:11:09.999998] sequence resumes: 18828379 to  
 18828379  
 2014-11-10 12:12:03.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-10 12:12:02  
 2014-11-10 12:17:30.830 Reducing Status Polling Interval  
 2014-11-10 12:17:30.830 [2014-11-10 12:17:29.999998] total packets received: 47845  
 2014-11-10 12:17:30.830 [2014-11-10 12:17:29.999998] command timeouts: 6  
 2014-11-10 12:17:30.830 [2014-11-10 12:17:29.999998] out of window: 65  
 2014-11-10 12:17:30.830 written: HHZ-1127 HH1-1321 HH2-1263 BDH-429 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-10 12:17:30.830 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-11-10 12:17:30.830 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2014-11-10 12:17:30.830 [2014-11-10 12:17:29.999998] Done: 4280 recs. seq end:  
 18871959. run: 323 s  
 2014-11-11 00:18:22.400  
 2014-11-11 00:18:22.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-11 00:18:22.400 Control Port 2491 Opened  
 2014-11-11 00:18:22.400 Baler ready on Ethernet  
 2014-11-11 00:18:22.400 Power Cycled Baler Acknowledged  
 2014-11-11 00:18:22.400 Commands Accepted by Q330  
 2014-11-11 00:18:22.400 Access timeout: 300 sec

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2014-11-11 00:18:22.400 Control Port 4023 Opened
2014-11-11 00:18:22.400 Data Port 4024 Opened
2014-11-11 00:18:22.400 Registered with Q330
2014-11-11 00:18:22.400 Combination Record Received
2014-11-11 00:18:22.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-11 00:18:22.400 Link Reset, starting window sequence: 5236
2014-11-11 00:18:22.400 GPS Receiver ID Received
2014-11-11 00:18:22.400 Manufacturer's Data Received, Property Tag=2017
2014-11-11 00:18:22.400 Digitizer Gain & Offsets Received
2014-11-11 00:18:22.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4280 recs.
seq end: 18871959
2014-11-11 00:18:22.400 Baler clock set to 2014-11-11 00:18:21
2014-11-11 00:18:22.400 Starting to Read DP Tokens
2014-11-11 00:18:22.400 DP Tokens loaded, size=1474 bytes
2014-11-11 00:18:22.400 Webserver advertising 192.168.200.119:5380
2014-11-11 00:18:22.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-11 00:18:22.400 filters & delay HH1:2@100,Linear all=0.320000
2014-11-11 00:18:22.400 filters & delay HH2:3@100,Linear all=0.320000
2014-11-11 00:18:22.400 filters & delay BDH:4@20,Linear all=1.650000
2014-11-11 00:18:22.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-11 00:18:22.400 filters & delay LH1:2@1,Linear all=15.000000
2014-11-11 00:18:22.400 filters & delay LH2:3@1,Linear all=15.000000
2014-11-11 00:18:22.400 filters & delay LDH:4@1,Linear all=15.000000
2014-11-11 00:18:22.400 [2014-11-10 12:17:29.999998] continuity found: 18871959
468937050.000000 Q=100
2014-11-11 00:18:22.400 [2014-11-10 12:17:29.999998] restoring continuity
2014-11-11 00:18:22.400 Sending DT_OPEN
2014-11-11 00:18:22.400 Station: XX-2017
2014-11-11 00:18:22.400 Q330 Serial Number: 0100000DB18FC351
2014-11-11 00:18:22.400 AMB Serial Number: 0100000B6909DD82
2014-11-11 00:18:22.400 Seismo 1 Serial Number: 0000000000000000
2014-11-11 00:18:22.400 Seismo 2 Serial Number: 0000000000000000
2014-11-11 00:18:22.400 QAPCHP 1 Serial Number: 4643206
2014-11-11 00:18:22.400 QAPCHP 2 Serial Number: 3743050
2014-11-11 00:18:22.400 KMI Property Tag Number: 2017
2014-11-11 00:18:22.400 System Software Version: 1.146
2014-11-11 00:18:22.400 Slave Processor Version: 1.11
2014-11-11 00:18:22.400 Calibrator Type: QCAL330
2014-11-11 00:18:22.400 Calibrator Version: 1.8
2014-11-11 00:18:22.400 Auxiliary Board Type: None
2014-11-11 00:18:22.400 Clock Type: Motorola M12
2014-11-11 00:18:22.400 PLD Version: 7.9
2014-11-11 00:18:22.400 Total Hours: 70396.84
2014-11-11 00:18:22.400 Power On Hours: 35027.23
2014-11-11 00:18:22.400 Time of Last Boot: 2014-04-06 02:03:58
2014-11-11 00:18:22.400 Total Number of Boots: 120
2014-11-11 00:18:22.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-11 00:18:22.400 Total Number of Re-Syncs: 213
2014-11-11 00:18:22.400 Status Inputs: 00000000
2014-11-11 00:18:22.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-11 00:18:22.400 Clock Quality: 100%
2014-11-11 00:18:22.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-11 00:18:22.400 Clock Phase: 0 usec. max allowed=50000
2014-11-11 00:18:22.400 Boom positions:
2014-11-11 00:18:22.400 ch1: -2 ch2: 0 ch3: 18 ch4: 20 ch5: 20 ch6: 20
2014-11-11 00:18:22.400 Analog Status
2014-11-11 00:18:22.400 Analog Positive Supply: 5.46V
2014-11-11 00:18:22.400 Input Voltage: 13.20V
2014-11-11 00:18:22.400 System Temperature: 5C
2014-11-11 00:18:22.400 Main Current: 61ma
2014-11-11 00:18:22.400 Antenna Current: 0ma
2014-11-11 00:18:22.400 GPS Status
2014-11-11 00:18:22.400 Time: 00:18:21

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2014-11-11 00:18:22.400 Date:  
 2014-11-11 00:18:22.400 Fix Type: 1-D  
 2014-11-11 00:18:22.400 Height:  
 2014-11-11 00:18:22.400 Latitude:  
 2014-11-11 00:18:22.400 Longitude:  
 2014-11-11 00:18:22.400 On Time: 0min  
 2014-11-11 00:18:22.400 Sat. Used: 0  
 2014-11-11 00:18:22.400 In View: 0  
 2014-11-11 00:18:22.400 Checksum Errors: 0  
 2014-11-11 00:18:22.400 Last GPS timemark: 2014-11-11 00:18:20  
 2014-11-11 00:18:22.400 PLL Status  
 2014-11-11 00:18:22.400 State: Lock  
 2014-11-11 00:18:22.400 Initial VCO: 2200.900879  
 2014-11-11 00:18:22.400 Time Error: 0.000000  
 2014-11-11 00:18:22.400 RMS VCO: 0.0000000  
 2014-11-11 00:18:22.400 Best VCO: 2200.93  
 2014-11-11 00:18:22.400 Seconds Since Track or Lock: 0.0  
 2014-11-11 00:18:22.400 Vco Control: 2201  
 2014-11-11 00:18:22.400 timing mode: external seascan  
 2014-11-11 00:18:22.400 tempco normal  
 2014-11-11 00:18:22.400 PLL update: 10s PLL lock criterion: 5us  
 2014-11-11 00:18:22.400 Pfrac: 150.00  
 2014-11-11 00:18:22.400 VCO slope: -0.0175000  
 2014-11-11 00:18:22.400 VCO intercept: 7.1100001  
 2014-11-11 00:18:22.400 Km delta: 600.0000000  
 2014-11-11 00:18:22.400 Logical Port 4 Status  
 2014-11-11 00:18:22.400 Data Packets Sent: 21699897  
 2014-11-11 00:18:22.400 Flood Packets Sent: 0  
 2014-11-11 00:18:22.400 Packets Re-Sent: 34489  
 2014-11-11 00:18:22.400 Sequence Errors: 0  
 2014-11-11 00:18:22.400 Packet Buffer Used: 22714708  
 2014-11-11 00:18:22.400 Physical Port: Ethernet  
 2014-11-11 00:18:22.400 Baler Model: 14 Software Version: 2.28  
 2014-11-11 00:18:22.400 MAC Address: 00:04:FB:00:02:EA  
 2014-11-11 00:18:22.400 Disk Size: 20000669696  
 2014-11-11 00:18:22.400 Percent of 1177 data files in use: 41.9  
 2014-11-11 00:18:22.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-11 00:18:22.400 Channel Sensitivities (uV per count):  
 2014-11-11 00:18:22.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-11 00:18:22.400 Digitizer Calibration Results:  
 2014-11-11 00:18:22.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-11 00:18:22.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-11 00:18:22.400 DMU1 Software Version=10  
 2014-11-11 00:18:22.400 Supply Voltage=12.6  
 2014-11-11 00:18:22.400 Supply Current=0.41  
 2014-11-11 00:18:22.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-11 00:18:22.400 WebLink Data Maps Restored  
 2014-11-11 00:18:22.400 [2014-11-10 12:17:29.999998] sequence resumes: 18871959 to  
 18871959  
 2014-11-11 00:18:22.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-11 00:18:21  
 2014-11-11 00:23:53.880 [2014-11-11 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-11-11 00:23:53.880 Reducing Status Polling Interval  
 2014-11-11 00:23:53.880 [2014-11-11 00:24:05.999998] total packets received: 53590  
 2014-11-11 00:23:53.880 [2014-11-11 00:24:05.999998] command timeouts: 6  
 2014-11-11 00:23:53.880 [2014-11-11 00:24:05.999998] out of window: 78  
 2014-11-11 00:23:53.880 written: HHZ-1208 HH1-1481 HH2-1372 BDH-433 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-11-11 00:23:53.880 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-23 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-11-11 00:23:53.880 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-11-11 00:23:53.880 [2014-11-11 00:24:05.999998] Done: 4629 recs. seq end:

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18915555. run: 339 s
2014-11-11 12:24:58.420
2014-11-11 12:24:58.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-11 12:24:58.420 Control Port 2491 Opened
2014-11-11 12:24:58.420 Baler ready on Ethernet
2014-11-11 12:24:58.420 Power Cycled Baler Acknowledged
2014-11-11 12:24:58.420 Commands Accepted by Q330
2014-11-11 12:24:58.420 Access timeout: 300 sec
2014-11-11 12:24:58.420 Control Port 4023 Opened
2014-11-11 12:24:58.420 Data Port 4024 Opened
2014-11-11 12:24:58.420 Registered with Q330
2014-11-11 12:24:58.420 Combination Record Received
2014-11-11 12:24:58.420 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-11 12:24:58.420 Link Reset, starting window sequence: 58712
2014-11-11 12:24:58.420 GPS Receiver ID Received
2014-11-11 12:24:58.420 Manufacturer's Data Received, Property Tag=2017
2014-11-11 12:24:58.420 Digitizer Gain & Offsets Received
2014-11-11 12:24:58.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4629 recs.
seq end: 18915555
2014-11-11 12:24:58.420 Baler clock set to 2014-11-11 12:24:57
2014-11-11 12:24:58.420 Starting to Read DP Tokens
2014-11-11 12:24:58.420 DP Tokens loaded, size=1474 bytes
2014-11-11 12:24:58.420 webserver advertising 192.168.200.119:5380
2014-11-11 12:24:58.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-11 12:24:58.420 filters & delay HH1:2@100,Linear all=0.320000
2014-11-11 12:24:58.420 filters & delay HH2:3@100,Linear all=0.320000
2014-11-11 12:24:58.420 filters & delay BDH:4@20,Linear all=1.650000
2014-11-11 12:24:58.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-11 12:24:58.420 filters & delay LH2:3@1,Linear all=15.000000
2014-11-11 12:24:58.420 filters & delay LDH:4@1,Linear all=15.000000
2014-11-11 12:24:58.420 [2014-11-11 00:24:05.999998] continuity found: 18915555
468980646.000000 Q=100
2014-11-11 12:24:58.420 [2014-11-11 00:24:05.999998] restoring continuity
2014-11-11 12:24:58.420 Sending DT_OPEN
2014-11-11 12:24:58.420 Station: XX-2017
2014-11-11 12:24:58.420 Q330 Serial Number: 0100000DB18FC351
2014-11-11 12:24:58.420 AMB Serial Number: 0100000B6909DD82
2014-11-11 12:24:58.420 Seismo 1 Serial Number: 0000000000000000
2014-11-11 12:24:58.420 Seismo 2 Serial Number: 0000000000000000
2014-11-11 12:24:58.420 QAPCHP 1 Serial Number: 4643206
2014-11-11 12:24:58.420 QAPCHP 2 Serial Number: 3743050
2014-11-11 12:24:58.420 KMI Property Tag Number: 2017
2014-11-11 12:24:58.420 System Software Version: 1.146
2014-11-11 12:24:58.420 Slave Processor Version: 1.11
2014-11-11 12:24:58.420 Calibrator Type: QCAL330
2014-11-11 12:24:58.420 Calibrator Version: 1.8
2014-11-11 12:24:58.420 Auxiliary Board Type: None
2014-11-11 12:24:58.420 Clock Type: Motorola M12
2014-11-11 12:24:58.420 PLD Version: 7.9
2014-11-11 12:24:58.420 Total Hours: 70408.95
2014-11-11 12:24:58.420 Power On Hours: 35039.34
2014-11-11 12:24:58.420 Time of Last Boot: 2014-04-06 02:03:58
2014-11-11 12:24:58.420 Total Number of Boots: 120
2014-11-11 12:24:58.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-11 12:24:58.420 Total Number of Re-Syncs: 213
2014-11-11 12:24:58.420 Status Inputs: 00000000
2014-11-11 12:24:58.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-11 12:24:58.420 Clock Quality: 100%
2014-11-11 12:24:58.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-11 12:24:58.420 Clock Phase: 0 usec. max allowed=50000
2014-11-11 12:24:58.420 Boom positions:
2014-11-11 12:24:58.420 Ch1: -2 Ch2: -1 Ch3: 19 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-11 12:24:58.420 Analog Status

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2014-11-11 12:24:58.420 Analog Positive Supply: 5.46V  
 2014-11-11 12:24:58.420 Input Voltage: 13.20V  
 2014-11-11 12:24:58.420 System Temperature: 5C  
 2014-11-11 12:24:58.420 Main Current: 62ma  
 2014-11-11 12:24:58.420 Antenna Current: 0ma  
 2014-11-11 12:24:58.420 GPS Status  
 2014-11-11 12:24:58.420 Time: 12:24:57  
 2014-11-11 12:24:58.420 Date:  
 2014-11-11 12:24:58.420 Fix Type: 1-D  
 2014-11-11 12:24:58.420 Height:  
 2014-11-11 12:24:58.420 Latitude:  
 2014-11-11 12:24:58.420 Longitude:  
 2014-11-11 12:24:58.420 On Time: 0min  
 2014-11-11 12:24:58.420 Sat. Used: 0  
 2014-11-11 12:24:58.420 In View: 0  
 2014-11-11 12:24:58.420 Checksum Errors: 0  
 2014-11-11 12:24:58.420 Last GPS timemark: 2014-11-11 12:24:56  
 2014-11-11 12:24:58.420 PLL Status  
 2014-11-11 12:24:58.420 State: Lock  
 2014-11-11 12:24:58.420 Initial VCO: 2200.536377  
 2014-11-11 12:24:58.420 Time Error: 0.000000  
 2014-11-11 12:24:58.420 RMS VCO: 0.000000  
 2014-11-11 12:24:58.420 Best VCO: 2200.24  
 2014-11-11 12:24:58.420 Seconds Since Track or Lock: 0.0  
 2014-11-11 12:24:58.420 Vco Control: 2201  
 2014-11-11 12:24:58.420 timing mode: external seascan  
 2014-11-11 12:24:58.420 tempco normal  
 2014-11-11 12:24:58.420 PLL update: 10s PLL lock criterion: 5us  
 2014-11-11 12:24:58.420 Pfrac: 150.00  
 2014-11-11 12:24:58.420 VCO slope: -0.0175000  
 2014-11-11 12:24:58.420 VCO intercept: 7.1100001  
 2014-11-11 12:24:58.420 Km delta: 600.000000  
 2014-11-11 12:24:58.420 Logical Port 4 Status  
 2014-11-11 12:24:58.420 Data Packets Sent: 21753378  
 2014-11-11 12:24:58.420 Flood Packets Sent: 0  
 2014-11-11 12:24:58.420 Packets Re-Sent: 34580  
 2014-11-11 12:24:58.420 Sequence Errors: 0  
 2014-11-11 12:24:58.420 Packet Buffer Used: 21510904  
 2014-11-11 12:24:58.420 Physical Port: Ethernet  
 2014-11-11 12:24:58.420 Baler Model: 14 Software Version: 2.28  
 2014-11-11 12:24:58.420 MAC Address: 00:04:FB:00:02:EA  
 2014-11-11 12:24:58.420 Disk Size: 20000669696  
 2014-11-11 12:24:58.420 Percent of 1177 data files in use: 42.0  
 2014-11-11 12:24:58.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-11 12:24:58.420 Channel Sensitivities (uV per count):  
 2014-11-11 12:24:58.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-11 12:24:58.420 Digitizer Calibration Results:  
 2014-11-11 12:24:58.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-11 12:24:58.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-11 12:24:58.420 DMU1 Software Version=10  
 2014-11-11 12:24:58.420 Supply Voltage=12.7  
 2014-11-11 12:24:58.420 Supply Current=0.41  
 2014-11-11 12:24:58.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-11 12:24:58.420 webLink Data Maps Restored  
 2014-11-11 12:24:58.420 [2014-11-11 00:24:05.999998] sequence resumes: 18915555 to 18915555  
 2014-11-11 12:24:58.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-11 12:24:57  
 2014-11-11 12:29:54.300 Reducing Status Polling Interval  
 2014-11-11 12:29:54.300 [2014-11-11 12:21:12.000001] total packets received: 44025  
 2014-11-11 12:29:54.300 [2014-11-11 12:21:12.000001] command timeouts: 6  
 2014-11-11 12:29:54.300 [2014-11-11 12:21:12.000001] out of window: 59  
 2014-11-11 12:29:54.300 written: HHZ-1117 HH1-1336 HH2-1266 BDH-435 VEP-2 VEC-2

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VEA-2 VKI-2 VCO-2  
 2014-11-11 12:29:54.300 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-23 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-11-11 12:29:54.300 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2014-11-11 12:29:54.300 [2014-11-11 12:21:12.000001] Done: 4293 recs. seq end:  
 18958581. run: 310 s  
 2014-11-12 00:31:05.370  
 2014-11-12 00:31:05.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-12 00:31:05.370 Control Port 2491 Opened  
 2014-11-12 00:31:05.370 Baler ready on Ethernet  
 2014-11-12 00:31:05.370 Power Cycled Baler Acknowledged  
 2014-11-12 00:31:05.370 Commands Accepted by Q330  
 2014-11-12 00:31:05.370 Access timeout: 300 sec  
 2014-11-12 00:31:05.370 Control Port 4023 Opened  
 2014-11-12 00:31:05.370 Data Port 4024 Opened  
 2014-11-12 00:31:05.370 Registered with Q330  
 2014-11-12 00:31:05.370 Combination Record Received  
 2014-11-12 00:31:05.370 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-12 00:31:05.370 Link Reset, starting window sequence: 37104  
 2014-11-12 00:31:05.370 GPS Receiver ID Received  
 2014-11-12 00:31:05.370 Manufacturer's Data Received, Property Tag=2017  
 2014-11-12 00:31:05.370 Digitizer Gain & Offsets Received  
 2014-11-12 00:31:05.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4293 recs.  
 seq end: 18958581  
 2014-11-12 00:31:05.370 Baler clock set to 2014-11-12 00:31:04  
 2014-11-12 00:31:05.370 Starting to Read DP Tokens  
 2014-11-12 00:31:05.370 DP Tokens loaded, size=1474 bytes  
 2014-11-12 00:31:05.370 webserver advertising 192.168.200.119:5380  
 2014-11-12 00:31:05.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-12 00:31:05.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-12 00:31:05.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-12 00:31:05.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-12 00:31:05.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-12 00:31:05.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-12 00:31:05.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-12 00:31:05.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-12 00:31:05.370 [2014-11-11 12:21:12.000001] continuity found: 18958581  
 469023672.000000 q=100  
 2014-11-12 00:31:05.370 [2014-11-11 12:21:12.000001] restoring continuity  
 2014-11-12 00:31:05.370 Sending DT\_OPEN  
 2014-11-12 00:31:05.370 Station: XX-2017  
 2014-11-12 00:31:05.370 Q330 Serial Number: 0100000DB18FC351  
 2014-11-12 00:31:05.370 AMB Serial Number: 0100000B6909DD82  
 2014-11-12 00:31:05.370 Seismo 1 Serial Number: 0000000000000000  
 2014-11-12 00:31:05.370 Seismo 2 Serial Number: 0000000000000000  
 2014-11-12 00:31:05.370 QAPCHP 1 Serial Number: 4643206  
 2014-11-12 00:31:05.370 QAPCHP 2 Serial Number: 3743050  
 2014-11-12 00:31:05.370 KMI Property Tag Number: 2017  
 2014-11-12 00:31:05.370 System Software Version: 1.146  
 2014-11-12 00:31:05.370 Slave Processor Version: 1.11  
 2014-11-12 00:31:05.370 Calibrator Type: QCAL330  
 2014-11-12 00:31:05.370 Calibrator Version: 1.8  
 2014-11-12 00:31:05.370 Auxiliary Board Type: None  
 2014-11-12 00:31:05.370 Clock Type: Motorola M12  
 2014-11-12 00:31:05.370 PLD Version: 7.9  
 2014-11-12 00:31:05.370 Total Hours: 70421.06  
 2014-11-12 00:31:05.370 Power On Hours: 35051.44  
 2014-11-12 00:31:05.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-12 00:31:05.370 Total Number of Boots: 120  
 2014-11-12 00:31:05.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-12 00:31:05.370 Total Number of Re-Syncs: 213  
 2014-11-12 00:31:05.370 Status Inputs: 00000000  
 2014-11-12 00:31:05.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off

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2014-11-12 00:31:05.370 Clock Quality: 100%  
 2014-11-12 00:31:05.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-12 00:31:05.370 Clock Phase: 0 usec. max allowed=50000  
 2014-11-12 00:31:05.370 Boom positions:  
 2014-11-12 00:31:05.370 ch1: -2 ch2: 0 ch3: 20 ch4: 20 ch5: 20 ch6: 20  
 2014-11-12 00:31:05.370 Analog Status  
 2014-11-12 00:31:05.370 Analog Positive Supply: 5.46V  
 2014-11-12 00:31:05.370 Input Voltage: 13.20V  
 2014-11-12 00:31:05.370 System Temperature: 5C  
 2014-11-12 00:31:05.370 Main Current: 61ma  
 2014-11-12 00:31:05.370 Antenna Current: 0ma  
 2014-11-12 00:31:05.370 GPS Status  
 2014-11-12 00:31:05.370 Time: 00:31:04  
 2014-11-12 00:31:05.370 Date:  
 2014-11-12 00:31:05.370 Fix Type: 1-D  
 2014-11-12 00:31:05.370 Height:  
 2014-11-12 00:31:05.370 Latitude:  
 2014-11-12 00:31:05.370 Longitude:  
 2014-11-12 00:31:05.370 On Time: 0min  
 2014-11-12 00:31:05.370 Sat. Used: 0  
 2014-11-12 00:31:05.370 In View: 0  
 2014-11-12 00:31:05.370 Checksum Errors: 0  
 2014-11-12 00:31:05.370 Last GPS timemark: 2014-11-12 00:31:03  
 2014-11-12 00:31:05.370 PLL Status  
 2014-11-12 00:31:05.370 State: Lock  
 2014-11-12 00:31:05.370 Initial VCO: 2200.825195  
 2014-11-12 00:31:05.370 Time Error: 0.000000  
 2014-11-12 00:31:05.370 RMS VCO: 0.0000000  
 2014-11-12 00:31:05.370 Best VCO: 2200.88  
 2014-11-12 00:31:05.370 Seconds Since Track or Lock: 0.0  
 2014-11-12 00:31:05.370 Vco Control: 2201  
 2014-11-12 00:31:05.370 timing mode: external seascan  
 2014-11-12 00:31:05.370 tempco normal  
 2014-11-12 00:31:05.370 PLL update: 10s PLL lock criterion: 5us  
 2014-11-12 00:31:05.370 Pfrac: 150.00  
 2014-11-12 00:31:05.370 VCO slope: -0.0175000  
 2014-11-12 00:31:05.370 VCO intercept: 7.1100001  
 2014-11-12 00:31:05.370 Km delta: 600.0000000  
 2014-11-12 00:31:05.370 Logical Port 4 Status  
 2014-11-12 00:31:05.370 Data Packets Sent: 21797311  
 2014-11-12 00:31:05.370 Flood Packets Sent: 0  
 2014-11-12 00:31:05.370 Packets Re-Sent: 34656  
 2014-11-12 00:31:05.370 Sequence Errors: 0  
 2014-11-12 00:31:05.370 Packet Buffer Used: 22766976  
 2014-11-12 00:31:05.370 Physical Port: Ethernet  
 2014-11-12 00:31:05.370 Baler Model: 14 Software Version: 2.28  
 2014-11-12 00:31:05.370 MAC Address: 00:04:FB:00:02:EA  
 2014-11-12 00:31:05.370 Disk Size: 20000669696  
 2014-11-12 00:31:05.370 Percent of 1177 data files in use: 42.1  
 2014-11-12 00:31:05.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-12 00:31:05.370 Channel Sensitivities (uV per count):  
 2014-11-12 00:31:05.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-12 00:31:05.370 Digitizer Calibration Results:  
 2014-11-12 00:31:05.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-12 00:31:05.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-12 00:31:05.370 DMU1 Software Version=10  
 2014-11-12 00:31:05.370 Supply Voltage=12.7  
 2014-11-12 00:31:05.370 Supply Current=0.41  
 2014-11-12 00:31:05.370 webLink Data Maps Restored  
 2014-11-12 00:31:05.370 [2014-11-11 12:21:12.000001] sequence resumes: 18958581 to 18958581  
 2014-11-12 00:31:05.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-11-12 00:31:04

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2014-11-12 00:36:27.130 [2014-11-12 00:00:00.000000] Saving Configuration to Backup Memory  
2014-11-12 00:36:27.130 Reducing Status Polling Interval  
2014-11-12 00:36:27.130 [2014-11-12 00:36:41.999998] total packets received: 51908  
2014-11-12 00:36:27.130 [2014-11-12 00:36:41.999998] command timeouts: 6  
2014-11-12 00:36:27.130 [2014-11-12 00:36:41.999998] out of window: 55  
2014-11-12 00:36:27.130 written: HHZ-1175 HH1-1455 HH2-1419 BDH-454 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-11-12 00:36:27.130 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-30  
VMZ-2 VM1-2  
2014-11-12 00:36:27.130 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
2014-11-12 00:36:27.130 [2014-11-12 00:36:41.999998] Done: 4655 recs. seq end: 19002711. run: 333 s  
2014-11-12 12:37:36.330  
2014-11-12 12:37:36.330 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-11-12 12:37:36.330 Control Port 2491 Opened  
2014-11-12 12:37:36.330 Baler ready on Ethernet  
2014-11-12 12:37:36.330 Power Cycled Baler Acknowledged  
2014-11-12 12:37:36.330 Commands Accepted by Q330  
2014-11-12 12:37:36.330 Access timeout: 300 sec  
2014-11-12 12:37:36.330 Control Port 4023 Opened  
2014-11-12 12:37:36.330 Data Port 4024 Opened  
2014-11-12 12:37:36.330 Registered with Q330  
2014-11-12 12:37:36.330 Combination Record Received  
2014-11-12 12:37:36.330 Window=4 Min. Timeout=10 Max. Timeout=30  
2014-11-12 12:37:36.330 Link Reset, starting window sequence: 23385  
2014-11-12 12:37:36.330 GPS Receiver ID Received  
2014-11-12 12:37:36.330 Manufacturer's Data Received, Property Tag=2017  
2014-11-12 12:37:36.330 Digitizer Gain & Offsets Received  
2014-11-12 12:37:36.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4655 recs. seq end: 19002711  
2014-11-12 12:37:36.330 Baler clock set to 2014-11-12 12:37:35  
2014-11-12 12:37:36.330 Starting to Read DP Tokens  
2014-11-12 12:37:36.330 DP Tokens loaded, size=1474 bytes  
2014-11-12 12:37:36.330 webserver advertising 192.168.200.119:5380  
2014-11-12 12:37:36.330 filters & delay HHZ:1@100,Linear all=0.320000  
2014-11-12 12:37:36.330 filters & delay HH1:2@100,Linear all=0.320000  
2014-11-12 12:37:36.330 filters & delay HH2:3@100,Linear all=0.320000  
2014-11-12 12:37:36.330 filters & delay BDH:4@20,Linear all=1.650000  
2014-11-12 12:37:36.330 filters & delay LHZ:1@1,Linear all=15.000000  
2014-11-12 12:37:36.330 filters & delay LH1:2@1,Linear all=15.000000  
2014-11-12 12:37:36.330 filters & delay LH2:3@1,Linear all=15.000000  
2014-11-12 12:37:36.330 filters & delay LDH:4@1,Linear all=15.000000  
2014-11-12 12:37:36.330 [2014-11-12 00:36:41.999998] continuity found: 19002711  
469067802.000000 Q=100  
2014-11-12 12:37:36.330 [2014-11-12 00:36:41.999998] restoring continuity  
2014-11-12 12:37:36.330 Sending DT\_OPEN  
2014-11-12 12:37:36.330 Station: XX-2017  
2014-11-12 12:37:36.330 Q330 Serial Number: 0100000DB18FC351  
2014-11-12 12:37:36.330 AMB Serial Number: 0100000B6909DD82  
2014-11-12 12:37:36.330 Seismo 1 Serial Number: 0000000000000000  
2014-11-12 12:37:36.330 Seismo 2 Serial Number: 0000000000000000  
2014-11-12 12:37:36.330 QAPCHP 1 Serial Number: 4643206  
2014-11-12 12:37:36.330 QAPCHP 2 Serial Number: 3743050  
2014-11-12 12:37:36.330 KMI Property Tag Number: 2017  
2014-11-12 12:37:36.330 System Software Version: 1.146  
2014-11-12 12:37:36.330 Slave Processor Version: 1.11  
2014-11-12 12:37:36.330 Calibrator Type: QCAL330  
2014-11-12 12:37:36.330 Calibrator Version: 1.8  
2014-11-12 12:37:36.330 Auxiliary Board Type: None  
2014-11-12 12:37:36.330 Clock Type: Motorola M12  
2014-11-12 12:37:36.330 PLD Version: 7.9  
2014-11-12 12:37:36.330 Total Hours: 70433.17

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2014-11-12 12:37:36.330 Power On Hours: 35063.55  
 2014-11-12 12:37:36.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-12 12:37:36.330 Total Number of Boots: 120  
 2014-11-12 12:37:36.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-12 12:37:36.330 Total Number of Re-Syncs: 213  
 2014-11-12 12:37:36.330 Status Inputs: 00000000  
 2014-11-12 12:37:36.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-12 12:37:36.330 Clock Quality: 100%  
 2014-11-12 12:37:36.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-12 12:37:36.330 Clock Phase: 1 usec. max allowed=50000  
 2014-11-12 12:37:36.330 Boom positions:  
 2014-11-12 12:37:36.330 Ch1: -2 Ch2: 0 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-12 12:37:36.330 Analog Status  
 2014-11-12 12:37:36.330 Analog Positive Supply: 5.46v  
 2014-11-12 12:37:36.330 Input Voltage: 13.20V  
 2014-11-12 12:37:36.330 System Temperature: 5C  
 2014-11-12 12:37:36.330 Main Current: 61ma  
 2014-11-12 12:37:36.330 Antenna Current: 0ma  
 2014-11-12 12:37:36.330 GPS Status  
 2014-11-12 12:37:36.330 Time: 12:37:35  
 2014-11-12 12:37:36.330 Date:  
 2014-11-12 12:37:36.330 Fix Type: 1-D  
 2014-11-12 12:37:36.330 Height:  
 2014-11-12 12:37:36.330 Latitude:  
 2014-11-12 12:37:36.330 Longitude:  
 2014-11-12 12:37:36.330 On Time: 0min  
 2014-11-12 12:37:36.330 Sat. Used: 0  
 2014-11-12 12:37:36.330 In View: 0  
 2014-11-12 12:37:36.330 Checksum Errors: 0  
 2014-11-12 12:37:36.330 Last GPS timemark: 2014-11-12 12:37:34  
 2014-11-12 12:37:36.330 PLL Status  
 2014-11-12 12:37:36.330 State: Lock  
 2014-11-12 12:37:36.330 Initial VCO: 2200.254883  
 2014-11-12 12:37:36.330 Time Error: -0.000001  
 2014-11-12 12:37:36.330 RMS VCO: 0.0000000  
 2014-11-12 12:37:36.330 Best VCO: 2200.43  
 2014-11-12 12:37:36.330 Seconds Since Track or Lock: 0.0  
 2014-11-12 12:37:36.330 Vco Control: 2200  
 2014-11-12 12:37:36.330 timing mode: external seascan  
 2014-11-12 12:37:36.330 tempco normal  
 2014-11-12 12:37:36.330 PLL update: 10s PLL lock criterion: 5us  
 2014-11-12 12:37:36.330 Pfrac: 150.00  
 2014-11-12 12:37:36.330 VCO slope: -0.0175000  
 2014-11-12 12:37:36.330 VCO intercept: 7.1100001  
 2014-11-12 12:37:36.330 Km delta: 600.0000000  
 2014-11-12 12:37:36.330 Logical Port 4 Status  
 2014-11-12 12:37:36.330 Data Packets Sent: 21849133  
 2014-11-12 12:37:36.330 Flood Packets Sent: 0  
 2014-11-12 12:37:36.330 Packets Re-Sent: 34728  
 2014-11-12 12:37:36.330 Sequence Errors: 0  
 2014-11-12 12:37:36.330 Packet Buffer Used: 22000632  
 2014-11-12 12:37:36.330 Physical Port: Ethernet  
 2014-11-12 12:37:36.330 Baler Model: 14 Software Version: 2.28  
 2014-11-12 12:37:36.330 MAC Address: 00:04:FB:00:02:EA  
 2014-11-12 12:37:36.330 Disk Size: 20000669696  
 2014-11-12 12:37:36.330 Percent of 1177 data files in use: 42.1  
 2014-11-12 12:37:36.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-12 12:37:36.330 Channel Sensitivities (uV per count):  
 2014-11-12 12:37:36.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-12 12:37:36.330 Digitizer Calibration Results:  
 2014-11-12 12:37:36.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-12 12:37:36.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-12 12:37:36.330 DMU1 Software Version=10

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2014-11-12 12:37:36.330 Supply Voltage=12.7  
 2014-11-12 12:37:36.330 Supply Current=0.40  
 2014-11-12 12:37:36.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-12 12:37:36.330 WebLink Data Maps Restored  
 2014-11-12 12:37:36.330 [2014-11-12 00:36:41.999998] sequence resumes: 19002711 to 19002711  
 2014-11-12 12:37:36.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-12 12:37:35  
 2014-11-12 12:43:06.220 Reducing Status Polling Interval  
 2014-11-12 12:43:06.220 [2014-11-12 12:43:05.000000] total packets received: 45492  
 2014-11-12 12:43:06.220 [2014-11-12 12:43:05.000000] command timeouts: 6  
 2014-11-12 12:43:06.220 [2014-11-12 12:43:05.000000] out of window: 73  
 2014-11-12 12:43:06.220 written: HHZ-1145 HH1-1388 HH2-1350 BDH-446 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-11-12 12:43:06.220 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-27  
 VMZ-1 VM1-1  
 2014-11-12 12:43:06.220 written: VM2-1 LOG-2 ACE-2 OCF-1  
 2014-11-12 12:43:06.220 [2014-11-12 12:43:05.000000] Done: 4469 recs. seq end: 19046294. run: 325 s  
 2014-11-13 00:43:58.400  
 2014-11-13 00:43:58.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-13 00:43:58.400 Control Port 2491 Opened  
 2014-11-13 00:43:58.400 Baler ready on Ethernet  
 2014-11-13 00:43:58.400 Power Cycled Baler Acknowledged  
 2014-11-13 00:43:58.400 Commands Accepted by Q330  
 2014-11-13 00:43:58.400 Access timeout: 300 sec  
 2014-11-13 00:43:58.400 Control Port 4023 Opened  
 2014-11-13 00:43:58.400 Data Port 4024 Opened  
 2014-11-13 00:43:58.400 Registered with Q330  
 2014-11-13 00:43:58.400 Combination Record Received  
 2014-11-13 00:43:58.400 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-13 00:43:58.400 Link Reset, starting window sequence: 3233  
 2014-11-13 00:43:58.400 GPS Receiver ID Received  
 2014-11-13 00:43:58.400 Manufacturer's Data Received, Property Tag=2017  
 2014-11-13 00:43:58.400 Digitizer Gain & Offsets Received  
 2014-11-13 00:43:58.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4469 recs. seq end: 19046294  
 2014-11-13 00:43:58.400 Baler clock set to 2014-11-13 00:43:57  
 2014-11-13 00:43:58.400 Starting to Read DP Tokens  
 2014-11-13 00:43:58.400 DP Tokens loaded, size=1474 bytes  
 2014-11-13 00:43:58.400 webserver advertising 192.168.200.119:5380  
 2014-11-13 00:43:58.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-13 00:43:58.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-13 00:43:58.400 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-13 00:43:58.400 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-13 00:43:58.400 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-13 00:43:58.400 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-13 00:43:58.400 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-13 00:43:58.400 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-13 00:43:58.400 [2014-11-12 12:43:05.000000] continuity found: 19046294  
 469111385.000000 Q=100  
 2014-11-13 00:43:58.400 [2014-11-12 12:43:05.000000] restoring continuity  
 2014-11-13 00:43:58.400 Sending DT\_OPEN  
 2014-11-13 00:43:58.400 Station: XX-2017  
 2014-11-13 00:43:58.400 Q330 Serial Number: 0100000DB18FC351  
 2014-11-13 00:43:58.400 AMB Serial Number: 0100000B6909DD82  
 2014-11-13 00:43:58.400 Seismo 1 Serial Number: 0000000000000000  
 2014-11-13 00:43:58.400 Seismo 2 Serial Number: 0000000000000000  
 2014-11-13 00:43:58.400 QAPCHP 1 Serial Number: 4643206  
 2014-11-13 00:43:58.400 QAPCHP 2 Serial Number: 3743050  
 2014-11-13 00:43:58.400 KMI Property Tag Number: 2017  
 2014-11-13 00:43:58.400 System Software Version: 1.146  
 2014-11-13 00:43:58.400 Slave Processor Version: 1.11

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2014-11-13 00:43:58.400 Calibrator Type: QCAL330  
 2014-11-13 00:43:58.400 Calibrator Version: 1.8  
 2014-11-13 00:43:58.400 Auxiliary Board Type: None  
 2014-11-13 00:43:58.400 Clock Type: Motorola M12  
 2014-11-13 00:43:58.400 PLD Version: 7.9  
 2014-11-13 00:43:58.400 Total Hours: 70445.27  
 2014-11-13 00:43:58.400 Power On Hours: 35075.66  
 2014-11-13 00:43:58.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-13 00:43:58.400 Total Number of Boots: 120  
 2014-11-13 00:43:58.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-13 00:43:58.400 Total Number of Re-Syncs: 213  
 2014-11-13 00:43:58.400 Status Inputs: 00000000  
 2014-11-13 00:43:58.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-11-13 00:43:58.400 Clock Quality: 100%  
 2014-11-13 00:43:58.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-13 00:43:58.400 Clock Phase: 0 usec. max allowed=50000  
 2014-11-13 00:43:58.400 Boom positions:  
 2014-11-13 00:43:58.400 Ch1: -2 Ch2: 0 Ch3: -5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-13 00:43:58.400 Analog Positive Supply: 5.46V  
 2014-11-13 00:43:58.400 Input Voltage: 13.20V  
 2014-11-13 00:43:58.400 System Temperature: 5C  
 2014-11-13 00:43:58.400 Main Current: 67ma  
 2014-11-13 00:43:58.400 Antenna Current: 0ma  
 2014-11-13 00:43:58.400 GPS Status  
 2014-11-13 00:43:58.400 Time: 00:43:57  
 2014-11-13 00:43:58.400 Date:  
 2014-11-13 00:43:58.400 Fix Type: 1-D  
 2014-11-13 00:43:58.400 Height:  
 2014-11-13 00:43:58.400 Latitude:  
 2014-11-13 00:43:58.400 Longitude:  
 2014-11-13 00:43:58.400 On Time: 0min  
 2014-11-13 00:43:58.400 Sat. Used: 0  
 2014-11-13 00:43:58.400 In View: 0  
 2014-11-13 00:43:58.400 Checksum Errors: 0  
 2014-11-13 00:43:58.400 Last GPS timemark: 2014-11-13 00:43:56  
 2014-11-13 00:43:58.400 PLL Status  
 2014-11-13 00:43:58.400 State: Lock  
 2014-11-13 00:43:58.400 Initial VCO: 2199.800537  
 2014-11-13 00:43:58.400 Time Error: 0.000000  
 2014-11-13 00:43:58.400 RMS VCO: 0.0000000  
 2014-11-13 00:43:58.400 Best VCO: 2200.14  
 2014-11-13 00:43:58.400 Seconds Since Track or Lock: 0.0  
 2014-11-13 00:43:58.400 Vco Control: 2200  
 2014-11-13 00:43:58.400 timing mode: external seascan  
 2014-11-13 00:43:58.400 tempco normal  
 2014-11-13 00:43:58.400 PLL update: 10s PLL lock criterion: 5us  
 2014-11-13 00:43:58.400 Pfrac: 150.00  
 2014-11-13 00:43:58.400 VCO slope: -0.0175000  
 2014-11-13 00:43:58.400 VCO intercept: 7.1100001  
 2014-11-13 00:43:58.400 Km delta: 600.0000000  
 2014-11-13 00:43:58.400 Logical Port 4 Status  
 2014-11-13 00:43:58.400 Data Packets Sent: 21894522  
 2014-11-13 00:43:58.400 Flood Packets Sent: 0  
 2014-11-13 00:43:58.400 Packets Re-Sent: 34815  
 2014-11-13 00:43:58.400 Sequence Errors: 0  
 2014-11-13 00:43:58.400 Packet Buffer Used: 22021532  
 2014-11-13 00:43:58.400 Physical Port: Ethernet  
 2014-11-13 00:43:58.400 Baler Model: 14 Software Version: 2.28  
 2014-11-13 00:43:58.400 MAC Address: 00:04:FB:00:02:EA  
 2014-11-13 00:43:58.400 Disk Size: 20000669696  
 2014-11-13 00:43:58.400 Percent of 1177 data files in use: 42.1  
 2014-11-13 00:43:58.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-13 00:43:58.400 Channel sensitivities (uV per count):

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2014-11-13 00:43:58.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-13 00:43:58.400 Digitizer Calibration Results:
2014-11-13 00:43:58.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-13 00:43:58.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-13 00:43:58.400 DMU1 Software Version=10
2014-11-13 00:43:58.400 Supply Voltage=12.7
2014-11-13 00:43:58.400 Supply Current=0.40
2014-11-13 00:43:58.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-13 00:43:58.400 WebLink Data Maps Restored
2014-11-13 00:43:58.400 [2014-11-12 12:43:05.000000] sequence resumes: 19046294 to
19046294
2014-11-13 00:43:58.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-13 00:43:57
2014-11-13 00:49:05.210 [2014-11-13 00:00:00.000000] Saving Configuration to Backup
Memory
2014-11-13 00:49:05.210 [2014-11-13 00:39:34.000000] total packets received: 45276
2014-11-13 00:49:05.210 [2014-11-13 00:39:34.000000] command timeouts: 6
2014-11-13 00:49:05.210 [2014-11-13 00:39:34.000000] out of window: 82
2014-11-13 00:49:05.210 written: HHZ-1127 HH1-1362 HH2-1352 BDH-438 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-11-13 00:49:05.210 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-23 LDH-25
VMZ-2 VM1-2
2014-11-13 00:49:05.210 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-11-13 00:49:05.210 [2014-11-13 00:39:34.000000] Done: 4419 recs. seq end:
19089283. run: 325 s
2014-11-13 12:50:23.420
2014-11-13 12:50:23.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-13 12:50:23.420 Control Port 2491 Opened
2014-11-13 12:50:23.420 Baler ready on Ethernet
2014-11-13 12:50:23.420 Power Cycled Baler Acknowledged
2014-11-13 12:50:23.420 Commands Accepted by Q330
2014-11-13 12:50:23.420 Access timeout: 300 sec
2014-11-13 12:50:23.420 Control Port 4023 Opened
2014-11-13 12:50:23.420 Data Port 4024 Opened
2014-11-13 12:50:23.420 Registered with Q330
2014-11-13 12:50:23.420 Combination Record Received
2014-11-13 12:50:23.420 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-13 12:50:23.420 Link Reset, starting window sequence: 48392
2014-11-13 12:50:23.420 GPS Receiver ID Received
2014-11-13 12:50:23.420 Manufacturer's Data Received, Property Tag=2017
2014-11-13 12:50:23.420 Digitizer Gain & Offsets Received
2014-11-13 12:50:23.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4419 recs.
seq end: 19089283
2014-11-13 12:50:23.420 Baler clock set to 2014-11-13 12:50:22
2014-11-13 12:50:23.420 Starting to Read DP Tokens
2014-11-13 12:50:23.420 DP Tokens loaded, size=1474 bytes
2014-11-13 12:50:23.420 webserver advertising 192.168.200.119:5380
2014-11-13 12:50:23.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-13 12:50:23.420 filters & delay HH1:2@100,Linear all=0.320000
2014-11-13 12:50:23.420 filters & delay HH2:3@100,Linear all=0.320000
2014-11-13 12:50:23.420 filters & delay BDH:4@20,Linear all=1.650000
2014-11-13 12:50:23.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-13 12:50:23.420 filters & delay LH1:2@1,Linear all=15.000000
2014-11-13 12:50:23.420 filters & delay LH2:3@1,Linear all=15.000000
2014-11-13 12:50:23.420 filters & delay LDH:4@1,Linear all=15.000000
2014-11-13 12:50:23.420 [2014-11-13 00:39:34.000000] continuity found: 19089283
469154374.000000 Q=100
2014-11-13 12:50:23.420 [2014-11-13 00:39:34.000000] restoring continuity
2014-11-13 12:50:23.420 Sending DT_OPEN
2014-11-13 12:50:23.420 Station: XX-2017
2014-11-13 12:50:23.420 Q330 Serial Number: 0100000DB18FC351
2014-11-13 12:50:23.420 AMB Serial Number: 0100000B6909DD82
2014-11-13 12:50:23.420 Seismo 1 Serial Number: 0000000000000000

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2014-11-13 12:50:23.420 Seismo 2 Serial Number: 0000000000000000  
 2014-11-13 12:50:23.420 QAPCHP 1 Serial Number: 4643206  
 2014-11-13 12:50:23.420 QAPCHP 2 Serial Number: 3743050  
 2014-11-13 12:50:23.420 KMI Property Tag Number: 2017  
 2014-11-13 12:50:23.420 System Software Version: 1.146  
 2014-11-13 12:50:23.420 Slave Processor Version: 1.11  
 2014-11-13 12:50:23.420 Calibrator Type: QCAL330  
 2014-11-13 12:50:23.420 Calibrator Version: 1.8  
 2014-11-13 12:50:23.420 Auxiliary Board Type: None  
 2014-11-13 12:50:23.420 Clock Type: Motorola M12  
 2014-11-13 12:50:23.420 PLD Version: 7.9  
 2014-11-13 12:50:23.420 Total Hours: 70457.38  
 2014-11-13 12:50:23.420 Power On Hours: 35087.76  
 2014-11-13 12:50:23.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-13 12:50:23.420 Total Number of Boots: 120  
 2014-11-13 12:50:23.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-13 12:50:23.420 Total Number of Re-Syncs: 213  
 2014-11-13 12:50:23.420 Status Inputs: 00000000  
 2014-11-13 12:50:23.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-11-13 12:50:23.420 Clock Quality: 100%  
 2014-11-13 12:50:23.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-13 12:50:23.420 Clock Phase: 0 usec. max allowed=50000  
 2014-11-13 12:50:23.420 Boom positions:  
 2014-11-13 12:50:23.420 Ch1: -2 Ch2: 0 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-13 12:50:23.420 Analog Status  
 2014-11-13 12:50:23.420 Analog Positive Supply: 5.46v  
 2014-11-13 12:50:23.420 Input Voltage: 13.20V  
 2014-11-13 12:50:23.420 System Temperature: 5C  
 2014-11-13 12:50:23.420 Main Current: 62ma  
 2014-11-13 12:50:23.420 Antenna Current: 0ma  
 2014-11-13 12:50:23.420 GPS Status  
 2014-11-13 12:50:23.420 Time: 12:50:22  
 2014-11-13 12:50:23.420 Date:  
 2014-11-13 12:50:23.420 Fix Type: 1-D  
 2014-11-13 12:50:23.420 Height:  
 2014-11-13 12:50:23.420 Latitude:  
 2014-11-13 12:50:23.420 Longitude:  
 2014-11-13 12:50:23.420 On Time: 0min  
 2014-11-13 12:50:23.420 Sat. Used: 0  
 2014-11-13 12:50:23.420 In View: 0  
 2014-11-13 12:50:23.420 Checksum Errors: 0  
 2014-11-13 12:50:23.420 Last GPS timemark: 2014-11-13 12:50:21  
 2014-11-13 12:50:23.420 PLL Status  
 2014-11-13 12:50:23.420 State: Lock  
 2014-11-13 12:50:23.420 Initial VCO: 2200.706055  
 2014-11-13 12:50:23.420 Time Error: 0.000000  
 2014-11-13 12:50:23.420 RMS VCO: 0.0000000  
 2014-11-13 12:50:23.420 Best VCO: 2200.61  
 2014-11-13 12:50:23.420 Seconds Since Track or Lock: 0.0  
 2014-11-13 12:50:23.420 Vco Control: 2201  
 2014-11-13 12:50:23.420 timing mode: external seascan  
 2014-11-13 12:50:23.420 tempco normal  
 2014-11-13 12:50:23.420 PLL update: 10s PLL lock criterion: 5us  
 2014-11-13 12:50:23.420 Pfrac: 150.00  
 2014-11-13 12:50:23.420 VCO slope: -0.0175000  
 2014-11-13 12:50:23.420 VCO intercept: 7.1100001  
 2014-11-13 12:50:23.420 km delta: 600.0000000  
 2014-11-13 12:50:23.420 Logical Port 4 Status  
 2014-11-13 12:50:23.420 Data Packets Sent: 21939686  
 2014-11-13 12:50:23.420 Flood Packets Sent: 0  
 2014-11-13 12:50:23.420 Packets Re-Sent: 34918  
 2014-11-13 12:50:23.420 Sequence Errors: 0  
 2014-11-13 12:50:23.420 Packet Buffer Used: 21979912

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2014-11-13 12:50:23.420 Physical Port: Ethernet
2014-11-13 12:50:23.420 Baler Model: 14 Software Version: 2.28
2014-11-13 12:50:23.420 MAC Address: 00:04:FB:00:02:EA
2014-11-13 12:50:23.420 Disk Size: 20000669696
2014-11-13 12:50:23.420 Percent of 1177 data files in use: 42.3
2014-11-13 12:50:23.420 Channels Enabled: 1234 Preamps ON channels:
2014-11-13 12:50:23.420 Channel Sensitivities (uV per count):
2014-11-13 12:50:23.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-13 12:50:23.420 Digitizer Calibration Results:
2014-11-13 12:50:23.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-13 12:50:23.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-13 12:50:23.420 DMU1 Software Version=10
2014-11-13 12:50:23.420 Supply Voltage=12.7
2014-11-13 12:50:23.420 Supply Current=0.41
2014-11-13 12:50:23.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-13 12:50:23.420 WebLink Data Maps Restored
2014-11-13 12:50:23.420 [2014-11-13 00:39:34.000000] sequence resumes: 19089283 to
19089283
2014-11-13 12:50:23.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-13 12:50:22
2014-11-13 12:55:52.870 [2014-11-13 12:54:42.000000] total packets received: 48552
2014-11-13 12:55:52.870 [2014-11-13 12:54:42.000000] command timeouts: 6
2014-11-13 12:55:52.870 [2014-11-13 12:54:42.000000] out of window: 63
2014-11-13 12:55:52.870 written: HHZ-1139 HH1-1358 HH2-1363 BDH-443 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-11-13 12:55:52.870 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-25
VMZ-2 VM1-2
2014-11-13 12:55:52.870 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1
2014-11-13 12:55:52.870 [2014-11-13 12:54:42.000000] Done: 4449 recs. seq end:
19133391. run: 325 s
2014-11-14 00:56:45.380
2014-11-14 00:56:45.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-14 00:56:45.380 Control Port 2491 Opened
2014-11-14 00:56:45.380 Baler ready on Ethernet
2014-11-14 00:56:45.380 Power Cycled Baler Acknowledged
2014-11-14 00:56:45.380 Commands Accepted by Q330
2014-11-14 00:56:45.380 Access timeout: 300 sec
2014-11-14 00:56:45.380 Control Port 4023 Opened
2014-11-14 00:56:45.380 Data Port 4024 Opened
2014-11-14 00:56:45.380 Registered with Q330
2014-11-14 00:56:45.380 Combination Record Received
2014-11-14 00:56:45.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-14 00:56:45.380 Link Reset, starting window sequence: 31309
2014-11-14 00:56:45.380 GPS Receiver ID Received
2014-11-14 00:56:45.380 Manufacturer's Data Received, Property Tag=2017
2014-11-14 00:56:45.380 Digitizer Gain & Offsets Received
2014-11-14 00:56:45.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4449 recs.
seq end: 19133391
2014-11-14 00:56:45.380 Starting to Read DP Tokens
2014-11-14 00:56:45.380 DP Tokens loaded, size=1474 bytes
2014-11-14 00:56:45.380 Webserver advertising 192.168.200.119:5380
2014-11-14 00:56:45.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-14 00:56:45.380 filters & delay HH1:2@100,Linear all=0.320000
2014-11-14 00:56:45.380 filters & delay HH2:3@100,Linear all=0.320000
2014-11-14 00:56:45.380 filters & delay BDH:4@20,Linear all=1.650000
2014-11-14 00:56:45.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-14 00:56:45.380 filters & delay LH1:2@1,Linear all=15.000000
2014-11-14 00:56:45.380 filters & delay LH2:3@1,Linear all=15.000000
2014-11-14 00:56:45.380 filters & delay LDH:4@1,Linear all=15.000000
2014-11-14 00:56:45.380 [2014-11-13 12:54:42.000000] continuity found: 19133391
469198482.000000 Q=100
2014-11-14 00:56:45.380 [2014-11-13 12:54:42.000000] restoring continuity
2014-11-14 00:56:45.380 Sending DT_OPEN

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2014-11-14 00:56:45.380 Station: XX-2017  
 2014-11-14 00:56:45.380 Q330 Serial Number: 0100000DB18FC351  
 2014-11-14 00:56:45.380 AMB Serial Number: 0100000B6909DD82  
 2014-11-14 00:56:45.380 Seismo 1 Serial Number: 0000000000000000  
 2014-11-14 00:56:45.380 Seismo 2 Serial Number: 0000000000000000  
 2014-11-14 00:56:45.380 QAPCHP 1 Serial Number: 4643206  
 2014-11-14 00:56:45.380 QAPCHP 2 Serial Number: 3743050  
 2014-11-14 00:56:45.380 KMI Property Tag Number: 2017  
 2014-11-14 00:56:45.380 System Software Version: 1.146  
 2014-11-14 00:56:45.380 Slave Processor Version: 1.11  
 2014-11-14 00:56:45.380 Calibrator Type: QCAL330  
 2014-11-14 00:56:45.380 Calibrator Version: 1.8  
 2014-11-14 00:56:45.380 Auxiliary Board Type: None  
 2014-11-14 00:56:45.380 Clock Type: Motorola M12  
 2014-11-14 00:56:45.380 PLD Version: 7.9  
 2014-11-14 00:56:45.380 Total Hours: 70469.49  
 2014-11-14 00:56:45.380 Power On Hours: 35099.87  
 2014-11-14 00:56:45.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-14 00:56:45.380 Total Number of Boots: 120  
 2014-11-14 00:56:45.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-14 00:56:45.380 Total Number of Re-Syncs: 213  
 2014-11-14 00:56:45.380 Status Inputs: 00000000  
 2014-11-14 00:56:45.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-14 00:56:45.380 Clock Quality: 100%  
 2014-11-14 00:56:45.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-14 00:56:45.380 Clock Phase: 0 usec. max allowed=50000  
 2014-11-14 00:56:45.380 Boom positions:  
 2014-11-14 00:56:45.380 ch1: -2 ch2: 0 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2014-11-14 00:56:45.380 Analog Status  
 2014-11-14 00:56:45.380 Analog Positive Supply: 5.46V  
 2014-11-14 00:56:45.380 Input Voltage: 13.20V  
 2014-11-14 00:56:45.380 System Temperature: 5C  
 2014-11-14 00:56:45.380 Main Current: 62ma  
 2014-11-14 00:56:45.380 Antenna Current: 0ma  
 2014-11-14 00:56:45.380 GPS Status  
 2014-11-14 00:56:45.380 Time: 00:56:44  
 2014-11-14 00:56:45.380 Date:  
 2014-11-14 00:56:45.380 Fix Type: 1-D  
 2014-11-14 00:56:45.380 Height:  
 2014-11-14 00:56:45.380 Latitude:  
 2014-11-14 00:56:45.380 Longitude:  
 2014-11-14 00:56:45.380 On Time: 0min  
 2014-11-14 00:56:45.380 Sat. Used: 0  
 2014-11-14 00:56:45.380 In View: 0  
 2014-11-14 00:56:45.380 Checksum Errors: 0  
 2014-11-14 00:56:45.380 Last GPS timemark: 2014-11-14 00:56:43  
 2014-11-14 00:56:45.380 PLL Status  
 2014-11-14 00:56:45.380 State: Lock  
 2014-11-14 00:56:45.380 Initial VCO: 2200.848389  
 2014-11-14 00:56:45.380 Time Error: 0.000000  
 2014-11-14 00:56:45.380 RMS VCO: 0.000000  
 2014-11-14 00:56:45.380 Best VCO: 2200.90  
 2014-11-14 00:56:45.380 Seconds Since Track or Lock: 0.0  
 2014-11-14 00:56:45.380 Vco Control: 2201  
 2014-11-14 00:56:45.380 timing mode: external seascan  
 2014-11-14 00:56:45.380 tempco normal  
 2014-11-14 00:56:45.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-14 00:56:45.380 Pfrac: 150.00  
 2014-11-14 00:56:45.380 VCO slope: -0.0175000  
 2014-11-14 00:56:45.380 VCO intercept: 7.1100001  
 2014-11-14 00:56:45.380 km delta: 600.0000000  
 2014-11-14 00:56:45.380 Logical Port 4 Status  
 2014-11-14 00:56:45.380 Data Packets Sent: 21988145

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2014-11-14 00:56:45.380 Flood Packets Sent: 0
2014-11-14 00:56:45.380 Packets Re-Sent: 35000
2014-11-14 00:56:45.380 Sequence Errors: 0
2014-11-14 00:56:45.380 Packet Buffer Used: 22362332
2014-11-14 00:56:45.380 Physical Port: Ethernet
2014-11-14 00:56:45.380 Baler Model: 14 Software Version: 2.28
2014-11-14 00:56:45.380 MAC Address: 00:04:FB:00:02:EA
2014-11-14 00:56:45.380 Disk Size: 20000669696
2014-11-14 00:56:45.380 Percent of 1177 data files in use: 42.4
2014-11-14 00:56:45.380 Channels Enabled: 1234 Preamps ON channels:
2014-11-14 00:56:45.380 Channel Sensitivities (uV per count):
2014-11-14 00:56:45.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-14 00:56:45.380 Digitizer Calibration Results:
2014-11-14 00:56:45.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-14 00:56:45.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-14 00:56:45.380 DMU1 Software Version=10
2014-11-14 00:56:45.380 Supply Voltage=12.7
2014-11-14 00:56:45.380 Supply Current=0.40
2014-11-14 00:56:45.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-14 00:56:45.380 webLink Data Maps Restored
2014-11-14 00:56:45.380 [2014-11-13 12:54:42.000000] sequence resumes: 19133391 to
19133391
2014-11-14 00:56:45.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-14 00:56:44
2014-11-14 01:01:53.180 [2014-11-14 00:00:00.000000] saving Configuration to Backup
Memory
2014-11-14 01:01:53.180 Reducing Status Polling Interval
2014-11-14 01:01:53.180 [2014-11-14 01:02:19.999998] total packets received: 50837
2014-11-14 01:01:53.180 [2014-11-14 01:02:19.999998] command timeouts: 6
2014-11-14 01:01:53.180 [2014-11-14 01:02:19.999998] out of window: 67
2014-11-14 01:01:53.180 written: HHZ-1183 HH1-1417 HH2-1380 BDH-433 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-11-14 01:01:53.180 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2014-11-14 01:01:53.180 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-11-14 01:01:53.180 [2014-11-14 01:02:19.999998] Done: 4552 recs. seq end:
19177049. run: 331 s
2014-11-14 13:03:14.410
2014-11-14 13:03:14.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-14 13:03:14.410 Control Port 2491 Opened
2014-11-14 13:03:14.410 Baler ready on Ethernet
2014-11-14 13:03:14.410 Power Cycled Baler Acknowledged
2014-11-14 13:03:14.410 Commands Accepted by Q330
2014-11-14 13:03:14.410 Access timeout: 300 sec
2014-11-14 13:03:14.410 Control Port 4023 Opened
2014-11-14 13:03:14.410 Data Port 4024 Opened
2014-11-14 13:03:14.410 Registered with Q330
2014-11-14 13:03:14.410 Combination Record Received
2014-11-14 13:03:14.410 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-14 13:03:14.410 Link Reset, starting window sequence: 16507
2014-11-14 13:03:14.410 GPS Receiver ID Received
2014-11-14 13:03:14.410 Manufacturer's Data Received, Property Tag=2017
2014-11-14 13:03:14.410 Digitizer Gain & Offsets Received
2014-11-14 13:03:14.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4552 recs.
seq end: 19177049
2014-11-14 13:03:14.410 Baler clock set to 2014-11-14 13:03:13
2014-11-14 13:03:14.410 Starting to Read DP Tokens
2014-11-14 13:03:14.410 DP Tokens loaded, size=1474 bytes
2014-11-14 13:03:14.410 webserver advertising 192.168.200.119:5380
2014-11-14 13:03:14.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-14 13:03:14.410 filters & delay HH1:2@100,Linear all=0.320000
2014-11-14 13:03:14.410 filters & delay HH2:3@100,Linear all=0.320000
2014-11-14 13:03:14.410 filters & delay BDH:4@20,Linear all=1.650000

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2014-11-14 13:03:14.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-14 13:03:14.410 filters & delay LH1:2@1,Linear all=15.000000
2014-11-14 13:03:14.410 filters & delay LH2:3@1,Linear all=15.000000
2014-11-14 13:03:14.410 filters & delay LDH:4@1,Linear all=15.000000
2014-11-14 13:03:14.410 [2014-11-14 01:02:19.999998] continuity found: 19177049
469242140.000000 Q=100
2014-11-14 13:03:14.410 [2014-11-14 01:02:19.999998] restoring continuity
2014-11-14 13:03:14.410 Sending DT_OPEN
2014-11-14 13:03:14.410 Station: XX-2017
2014-11-14 13:03:14.410 Q330 Serial Number: 0100000DB18FC351
2014-11-14 13:03:14.410 AMB Serial Number: 0100000B6909DD82
2014-11-14 13:03:14.410 Seismo 1 Serial Number: 0000000000000000
2014-11-14 13:03:14.410 Seismo 2 Serial Number: 0000000000000000
2014-11-14 13:03:14.410 QAPCHP 1 Serial Number: 4643206
2014-11-14 13:03:14.410 QAPCHP 2 Serial Number: 3743050
2014-11-14 13:03:14.410 KMI Property Tag Number: 2017
2014-11-14 13:03:14.410 System Software Version: 1.146
2014-11-14 13:03:14.410 Slave Processor Version: 1.11
2014-11-14 13:03:14.410 Calibrator Type: QCAL330
2014-11-14 13:03:14.410 Calibrator Version: 1.8
2014-11-14 13:03:14.410 Auxiliary Board Type: None
2014-11-14 13:03:14.410 Clock Type: Motorola M12
2014-11-14 13:03:14.410 PLD Version: 7.9
2014-11-14 13:03:14.410 Total Hours: 70481.59
2014-11-14 13:03:14.410 Power On Hours: 35111.98
2014-11-14 13:03:14.410 Time of Last Boot: 2014-04-06 02:03:58
2014-11-14 13:03:14.410 Total Number of Boots: 120
2014-11-14 13:03:14.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-14 13:03:14.410 Total Number of Re-Syncs: 213
2014-11-14 13:03:14.410 Status Inputs: 00000000
2014-11-14 13:03:14.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-14 13:03:14.410 Clock Quality: 100%
2014-11-14 13:03:14.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-14 13:03:14.410 Clock Phase: 0 usec. max allowed=50000
2014-11-14 13:03:14.410 Boom positions:
2014-11-14 13:03:14.410 Ch1: -2 Ch2: -1 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-14 13:03:14.410 Analog Status
2014-11-14 13:03:14.410 Analog Positive Supply: 5.46V
2014-11-14 13:03:14.410 Input Voltage: 13.35V
2014-11-14 13:03:14.410 System Temperature: 5C
2014-11-14 13:03:14.410 Main Current: 62ma
2014-11-14 13:03:14.410 Antenna Current: 0ma
2014-11-14 13:03:14.410 GPS Status
2014-11-14 13:03:14.410 Time: 13:03:13
2014-11-14 13:03:14.410 Date:
2014-11-14 13:03:14.410 Fix Type: 1-D
2014-11-14 13:03:14.410 Height:
2014-11-14 13:03:14.410 Latitude:
2014-11-14 13:03:14.410 Longitude:
2014-11-14 13:03:14.410 On Time: 0min
2014-11-14 13:03:14.410 Sat. Used: 0
2014-11-14 13:03:14.410 In View: 0
2014-11-14 13:03:14.410 Checksum Errors: 0
2014-11-14 13:03:14.410 Last GPS timemark: 2014-11-14 13:03:12
2014-11-14 13:03:14.410 PLL Status
2014-11-14 13:03:14.410 State: Lock
2014-11-14 13:03:14.410 Initial VCO: 2200.835693
2014-11-14 13:03:14.410 Time Error: 0.000000
2014-11-14 13:03:14.410 RMS VCO: 0.000000
2014-11-14 13:03:14.410 Best VCO: 2200.73
2014-11-14 13:03:14.410 Seconds Since Track or Lock: 0.0
2014-11-14 13:03:14.410 Vco Control: 2201
2014-11-14 13:03:14.410 timing mode: external seascan

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2014-11-14 13:03:14.410 tempco normal  
 2014-11-14 13:03:14.410 PLL update: 10s PLL lock criterion: 5us  
 2014-11-14 13:03:14.410 Pfrac: 150.00  
 2014-11-14 13:03:14.410 VCO slope: -0.0175000  
 2014-11-14 13:03:14.410 VCO intercept: 7.1100001  
 2014-11-14 13:03:14.410 km delta: 600.0000000  
 2014-11-14 13:03:14.410 Logical Port 4 Status  
 2014-11-14 13:03:14.410 Data Packets Sent: 22038884  
 2014-11-14 13:03:14.410 Flood Packets Sent: 0  
 2014-11-14 13:03:14.410 Packets Re-Sent: 35080  
 2014-11-14 13:03:14.410 Sequence Errors: 0  
 2014-11-14 13:03:14.410 Packet Buffer Used: 22597864  
 2014-11-14 13:03:14.410 Physical Port: Ethernet  
 2014-11-14 13:03:14.410 Baler Model: 14 Software Version: 2.28  
 2014-11-14 13:03:14.410 MAC Address: 00:04:FB:00:02:EA  
 2014-11-14 13:03:14.410 Percent of 1177 data files in use: 42.4  
 2014-11-14 13:03:14.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-14 13:03:14.410 Channel sensitivities (uV per count):  
 2014-11-14 13:03:14.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-14 13:03:14.410 Digitizer Calibration Results:  
 2014-11-14 13:03:14.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-14 13:03:14.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-14 13:03:14.410 DMU1 Software Version=10  
 2014-11-14 13:03:14.410 Supply Voltage=12.7  
 2014-11-14 13:03:14.410 Supply Current=0.41  
 2014-11-14 13:03:14.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-14 13:03:14.410 WebLink Data Maps Restored  
 2014-11-14 13:03:14.410 [2014-11-14 01:02:19.999998] sequence resumes: 19177049 to 19177049  
 2014-11-14 13:03:14.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-14 13:03:13  
 2014-11-14 13:09:02.040 Reducing Status Polling Interval  
 2014-11-14 13:09:02.040 [2014-11-14 13:09:00.999998] total packets received: 53997  
 2014-11-14 13:09:02.040 [2014-11-14 13:09:00.999998] command timeouts: 6  
 2014-11-14 13:09:02.040 [2014-11-14 13:09:00.999998] out of window: 74  
 2014-11-14 13:09:02.040 written: HHZ-1186 HH1-1435 HH2-1404 BDH-445 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-14 13:09:02.040 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-24 LDH-28  
 VMZ-2 VM1-2  
 2014-11-14 13:09:02.040 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-11-14 13:09:02.040 [2014-11-14 13:09:00.999998] Done: 4614 recs. seq end: 19220650. run: 343 s  
 2014-11-15 01:09:54.380  
 2014-11-15 01:09:54.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-15 01:09:54.380 Control Port 2491 Opened  
 2014-11-15 01:09:54.380 Baler ready on Ethernet  
 2014-11-15 01:09:54.380 Power Cycled Baler Acknowledged  
 2014-11-15 01:09:54.380 Commands Accepted by Q330  
 2014-11-15 01:09:54.380 Access timeout: 300 sec  
 2014-11-15 01:09:54.380 Control Port 4023 Opened  
 2014-11-15 01:09:54.380 Data Port 4024 Opened  
 2014-11-15 01:09:54.380 Registered with Q330  
 2014-11-15 01:09:54.380 Combination Record Received  
 2014-11-15 01:09:54.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-15 01:09:54.380 Link Reset, starting window sequence: 4857  
 2014-11-15 01:09:54.380 GPS Receiver ID Received  
 2014-11-15 01:09:54.380 Manufacturer's Data Received, Property Tag=2017  
 2014-11-15 01:09:54.380 Digitizer Gain & Offsets Received  
 2014-11-15 01:09:54.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4614 recs. seq end: 19220650  
 2014-11-15 01:09:54.380 Baler clock set to 2014-11-15 01:09:53  
 2014-11-15 01:09:54.380 Starting to Read DP Tokens  
 2014-11-15 01:09:54.380 DP Tokens loaded, size=1474 bytes

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2014-11-15 01:09:54.380 webserver advertising 192.168.200.119:5380  
 2014-11-15 01:09:54.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-15 01:09:54.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-15 01:09:54.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-15 01:09:54.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-15 01:09:54.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-15 01:09:54.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-15 01:09:54.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-15 01:09:54.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-15 01:09:54.380 [2014-11-14 13:09:00.999998] continuity found: 19220650  
 469285741.000000 Q=100  
 2014-11-15 01:09:54.380 [2014-11-14 13:09:00.999998] restoring continuity  
 2014-11-15 01:09:54.380 Sending DT\_OPEN  
 2014-11-15 01:09:54.380 Station: XX-2017  
 2014-11-15 01:09:54.380 Q330 Serial Number: 0100000DB18FC351  
 2014-11-15 01:09:54.380 AMB Serial Number: 0100000B6909DD82  
 2014-11-15 01:09:54.380 Seismo 1 Serial Number: 0000000000000000  
 2014-11-15 01:09:54.380 Seismo 2 Serial Number: 0000000000000000  
 2014-11-15 01:09:54.380 QAPCHP 1 Serial Number: 4643206  
 2014-11-15 01:09:54.380 QAPCHP 2 Serial Number: 3743050  
 2014-11-15 01:09:54.380 KMI Property Tag Number: 2017  
 2014-11-15 01:09:54.380 System Software Version: 1.146  
 2014-11-15 01:09:54.380 Slave Processor Version: 1.11  
 2014-11-15 01:09:54.380 Calibrator Type: QCAL330  
 2014-11-15 01:09:54.380 Calibrator Version: 1.8  
 2014-11-15 01:09:54.380 Auxiliary Board Type: None  
 2014-11-15 01:09:54.380 Clock Type: Motorola M12  
 2014-11-15 01:09:54.380 PLD Version: 7.9  
 2014-11-15 01:09:54.380 Total Hours: 70493.71  
 2014-11-15 01:09:54.380 Power On Hours: 35124.09  
 2014-11-15 01:09:54.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-15 01:09:54.380 Total Number of Boots: 120  
 2014-11-15 01:09:54.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-15 01:09:54.380 Total Number of Re-Syncs: 213  
 2014-11-15 01:09:54.380 Status Inputs: 00000000  
 2014-11-15 01:09:54.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-15 01:09:54.380 Clock Quality: 100%  
 2014-11-15 01:09:54.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-15 01:09:54.380 Clock Phase: 0 usec. max allowed=50000  
 2014-11-15 01:09:54.380 Boom positions:  
 2014-11-15 01:09:54.380 Ch1: -2 Ch2: -1 Ch3: -2 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-15 01:09:54.380 Analog Status  
 2014-11-15 01:09:54.380 Analog Positive Supply: 5.46V  
 2014-11-15 01:09:54.380 Input Voltage: 13.20V  
 2014-11-15 01:09:54.380 System Temperature: 5C  
 2014-11-15 01:09:54.380 Main Current: 62ma  
 2014-11-15 01:09:54.380 Antenna Current: 0ma  
 2014-11-15 01:09:54.380 GPS Status  
 2014-11-15 01:09:54.380 Time: 01:09:53  
 2014-11-15 01:09:54.380 Date:  
 2014-11-15 01:09:54.380 Fix Type: 1-D  
 2014-11-15 01:09:54.380 Height:  
 2014-11-15 01:09:54.380 Latitude:  
 2014-11-15 01:09:54.380 Longitude:  
 2014-11-15 01:09:54.380 On Time: 0min  
 2014-11-15 01:09:54.380 Sat. Used: 0  
 2014-11-15 01:09:54.380 In View: 0  
 2014-11-15 01:09:54.380 Checksum Errors: 0  
 2014-11-15 01:09:54.380 Last GPS timemark: 2014-11-15 01:09:52  
 2014-11-15 01:09:54.380 PLL Status  
 2014-11-15 01:09:54.380 State: Lock  
 2014-11-15 01:09:54.380 Initial VCO: 2200.007324  
 2014-11-15 01:09:54.380 Time Error: 0.000000

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2014-11-15 01:09:54.380 RMS VCO: 0.0000000  
 2014-11-15 01:09:54.380 Best VCO: 2200.00  
 2014-11-15 01:09:54.380 Seconds Since Track or Lock: 0.0  
 2014-11-15 01:09:54.380 Vco Control: 2200  
 2014-11-15 01:09:54.380 timing mode: external seascan  
 2014-11-15 01:09:54.380 tempco normal  
 2014-11-15 01:09:54.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-15 01:09:54.380 Pfrac: 150.00  
 2014-11-15 01:09:54.380 VCO slope: -0.0175000  
 2014-11-15 01:09:54.380 VCO intercept: 7.1100001  
 2014-11-15 01:09:54.380 Km delta: 600.0000000  
 2014-11-15 01:09:54.380 Logical Port 4 Status  
 2014-11-15 01:09:54.380 Data Packets Sent: 22092776  
 2014-11-15 01:09:54.380 Flood Packets Sent: 0  
 2014-11-15 01:09:54.380 Packets Re-Sent: 35169  
 2014-11-15 01:09:54.380 Sequence Errors: 0  
 2014-11-15 01:09:54.380 Packet Buffer Used: 23291016  
 2014-11-15 01:09:54.380 Physical Port: Ethernet  
 2014-11-15 01:09:54.380 Baler Model: 14 Software Version: 2.28  
 2014-11-15 01:09:54.380 MAC Address: 00:04:FB:00:02:EA  
 2014-11-15 01:09:54.380 Disk Size: 20000669696  
 2014-11-15 01:09:54.380 Percent of 1177 data files in use: 42.5  
 2014-11-15 01:09:54.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-15 01:09:54.380 Channel Sensitivities (uV per count):  
 2014-11-15 01:09:54.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-15 01:09:54.380 Digitizer Calibration Results:  
 2014-11-15 01:09:54.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-15 01:09:54.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-15 01:09:54.380 DMU1 Software Version=10  
 2014-11-15 01:09:54.380 Supply Voltage=12.7  
 2014-11-15 01:09:54.380 Supply Current=0.40  
 2014-11-15 01:09:54.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-15 01:09:54.380 WebLink Data Maps Restored  
 2014-11-15 01:09:54.380 [2014-11-14 13:09:00.999998] sequence resumes: 19220650 to  
 19220650  
 2014-11-15 01:09:54.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-15 01:09:53  
 2014-11-15 01:15:10.480 [2014-11-15 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-11-15 01:15:10.480 Reducing Status Polling Interval  
 2014-11-15 01:15:10.480 [2014-11-15 01:14:32.000000] total packets received: 58585  
 2014-11-15 01:15:10.480 [2014-11-15 01:14:32.000000] command timeouts: 6  
 2014-11-15 01:15:10.480 [2014-11-15 01:14:32.000000] out of window: 83  
 2014-11-15 01:15:10.480 written: HHZ-1212 HH1-1488 HH2-1477 BDH-449 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-15 01:15:10.480 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-29  
 VMZ-2 VM1-2  
 2014-11-15 01:15:10.480 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-11-15 01:15:10.480 [2014-11-15 01:14:32.000000] Done: 4776 recs. seq end:  
 19264181. run: 350 s  
 2014-11-15 13:16:42.420  
 2014-11-15 13:16:42.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-15 13:16:42.420 Control Port 2491 Opened  
 2014-11-15 13:16:42.420 Baler ready on Ethernet  
 2014-11-15 13:16:42.420 Power Cycled Baler Acknowledged  
 2014-11-15 13:16:42.420 Commands Accepted by Q330  
 2014-11-15 13:16:42.420 Access timeout: 300 sec  
 2014-11-15 13:16:42.420 Control Port 4023 Opened  
 2014-11-15 13:16:42.420 Data Port 4024 Opened  
 2014-11-15 13:16:42.420 Registered with Q330  
 2014-11-15 13:16:42.420 Combination Record Received  
 2014-11-15 13:16:42.420 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-15 13:16:42.420 Link Reset, starting window sequence: 63319



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2014-11-15 13:16:42.420 GPS Receiver ID Received  
 2014-11-15 13:16:42.420 Manufacturer's Data Received, Property Tag=2017  
 2014-11-15 13:16:42.420 Digitizer Gain & Offsets Received  
 2014-11-15 13:16:42.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4776 recs.  
 seq end: 19264181  
 2014-11-15 13:16:42.420 Baler clock set to 2014-11-15 13:16:41  
 2014-11-15 13:16:42.420 Starting to Read DP Tokens  
 2014-11-15 13:16:42.420 DP Tokens loaded, size=1474 bytes  
 2014-11-15 13:16:42.420 Webserver advertising 192.168.200.119:5380  
 2014-11-15 13:16:42.420 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-15 13:16:42.420 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-15 13:16:42.420 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-15 13:16:42.420 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-15 13:16:42.420 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-15 13:16:42.420 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-15 13:16:42.420 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-15 13:16:42.420 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-15 13:16:42.420 [2014-11-15 01:14:32.000000] continuity found: 19264181  
 469329272.000000 Q=100  
 2014-11-15 13:16:42.420 [2014-11-15 01:14:32.000000] restoring continuity  
 2014-11-15 13:16:42.420 Sending DT\_OPEN  
 2014-11-15 13:16:42.420 Station: XX-2017  
 2014-11-15 13:16:42.420 Q330 Serial Number: 0100000DB18FC351  
 2014-11-15 13:16:42.420 AMB Serial Number: 0100000B6909DD82  
 2014-11-15 13:16:42.420 Seismo 1 Serial Number: 0000000000000000  
 2014-11-15 13:16:42.420 Seismo 2 Serial Number: 0000000000000000  
 2014-11-15 13:16:42.420 QAPCHP 1 Serial Number: 4643206  
 2014-11-15 13:16:42.420 QAPCHP 2 Serial Number: 3743050  
 2014-11-15 13:16:42.420 KMI Property Tag Number: 2017  
 2014-11-15 13:16:42.420 System Software Version: 1.146  
 2014-11-15 13:16:42.420 Slave Processor Version: 1.11  
 2014-11-15 13:16:42.420 Calibrator Type: QCAL330  
 2014-11-15 13:16:42.420 Calibrator Version: 1.8  
 2014-11-15 13:16:42.420 Auxiliary Board Type: None  
 2014-11-15 13:16:42.420 Clock Type: Motorola M12  
 2014-11-15 13:16:42.420 PLD Version: 7.9  
 2014-11-15 13:16:42.420 Power On Hours: 35136.20  
 2014-11-15 13:16:42.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-15 13:16:42.420 Total Number of Boots: 120  
 2014-11-15 13:16:42.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-15 13:16:42.420 Total Number of Re-Syncs: 213  
 2014-11-15 13:16:42.420 Status Inputs: 00000000  
 2014-11-15 13:16:42.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-15 13:16:42.420 Clock Quality: 100%  
 2014-11-15 13:16:42.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-15 13:16:42.420 Clock Phase: 0 usec. max allowed=50000  
 2014-11-15 13:16:42.420 Boom positions:  
 2014-11-15 13:16:42.420 Ch1: -2 Ch2: -1 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-15 13:16:42.420 Analog Status  
 2014-11-15 13:16:42.420 Analog Positive Supply: 5.46V  
 2014-11-15 13:16:42.420 Input Voltage: 13.35V  
 2014-11-15 13:16:42.420 System Temperature: 5C  
 2014-11-15 13:16:42.420 Main Current: 62ma  
 2014-11-15 13:16:42.420 Antenna Current: 0ma  
 2014-11-15 13:16:42.420 GPS Status  
 2014-11-15 13:16:42.420 Time: 13:16:41  
 2014-11-15 13:16:42.420 Date:  
 2014-11-15 13:16:42.420 Fix Type: 1-D  
 2014-11-15 13:16:42.420 Height:  
 2014-11-15 13:16:42.420 Latitude:  
 2014-11-15 13:16:42.420 Longitude:  
 2014-11-15 13:16:42.420 On Time: 0min  
 2014-11-15 13:16:42.420 Sat. Used: 0

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2014-11-15 13:16:42.420 In View: 0  
 2014-11-15 13:16:42.420 Checksum Errors: 0  
 2014-11-15 13:16:42.420 Last GPS timemark: 2014-11-15 13:16:40  
 2014-11-15 13:16:42.420 PLL Status  
 2014-11-15 13:16:42.420 State: Lock  
 2014-11-15 13:16:42.420 Initial VCO: 2200.307861  
 2014-11-15 13:16:42.420 Time Error: 0.000000  
 2014-11-15 13:16:42.420 RMS VCO: 0.000000  
 2014-11-15 13:16:42.420 Best VCO: 2200.00  
 2014-11-15 13:16:42.420 Seconds Since Track or Lock: 0.0  
 2014-11-15 13:16:42.420 Vco Control: 2201  
 2014-11-15 13:16:42.420 timing mode: external seascan  
 2014-11-15 13:16:42.420 tempco normal  
 2014-11-15 13:16:42.420 PLL update: 10s PLL lock criterion: 5us  
 2014-11-15 13:16:42.420 Pfrac: 150.00  
 2014-11-15 13:16:42.420 VCO slope: -0.0175000  
 2014-11-15 13:16:42.420 VCO intercept: 7.1100001  
 2014-11-15 13:16:42.420 km delta: 600.0000000  
 2014-11-15 13:16:42.420 Logical Port 4 Status  
 2014-11-15 13:16:42.420 Data Packets Sent: 22151243  
 2014-11-15 13:16:42.420 Flood Packets Sent: 0  
 2014-11-15 13:16:42.420 Packets Re-Sent: 35271  
 2014-11-15 13:16:42.420 Sequence Errors: 0  
 2014-11-15 13:16:42.420 Packet Buffer Used: 21986456  
 2014-11-15 13:16:42.420 Physical Port: Ethernet  
 2014-11-15 13:16:42.420 Baler Model: 14 Software Version: 2.28  
 2014-11-15 13:16:42.420 MAC Address: 00:04:FB:00:02:EA  
 2014-11-15 13:16:42.420 Disk Size: 20000669696  
 2014-11-15 13:16:42.420 Percent of 1177 data files in use: 42.7  
 2014-11-15 13:16:42.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-15 13:16:42.420 Channel Sensitivities (uV per count):  
 2014-11-15 13:16:42.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-15 13:16:42.420 Digitizer Calibration Results:  
 2014-11-15 13:16:42.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-15 13:16:42.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-15 13:16:42.420 DMU1 Software Version=10  
 2014-11-15 13:16:42.420 Supply Voltage=12.7  
 2014-11-15 13:16:42.420 Supply Current=0.41  
 2014-11-15 13:16:42.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-15 13:16:42.420 WebLink Data Maps Restored  
 2014-11-15 13:16:42.420 [2014-11-15 01:14:32.000000] sequence resumes: 19264181 to  
 19264181  
 2014-11-15 13:16:42.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-15 13:16:41  
 2014-11-15 13:22:11.530 Reducing Status Polling Interval  
 2014-11-15 13:22:11.530 [2014-11-15 13:22:10.999998] total packets received: 45120  
 2014-11-15 13:22:11.530 [2014-11-15 13:22:10.999998] command timeouts: 6  
 2014-11-15 13:22:11.530 [2014-11-15 13:22:10.999998] out of window: 70  
 2014-11-15 13:22:11.530 written: HHZ-1146 HH1-1398 HH2-1336 BDH-446 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-11-15 13:22:11.530 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-27  
 VMZ-1 VM1-1  
 2014-11-15 13:22:11.530 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-11-15 13:22:11.530 [2014-11-15 13:22:10.999998] Done: 4462 recs. seq end:  
 19307840. run: 324 s  
 2014-11-16 01:23:04.370  
 2014-11-16 01:23:04.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-16 01:23:04.370 Control Port 2491 Opened  
 2014-11-16 01:23:04.370 Baler ready on Ethernet  
 2014-11-16 01:23:04.370 Power Cycled Baler Acknowledged  
 2014-11-16 01:23:04.370 Commands Accepted by Q330  
 2014-11-16 01:23:04.370 Access timeout: 300 sec  
 2014-11-16 01:23:04.370 Control Port 4023 Opened

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2014-11-16 01:23:04.370 Data Port 4024 Opened
2014-11-16 01:23:04.370 Registered with Q330
2014-11-16 01:23:04.370 Combination Record Received
2014-11-16 01:23:04.370 Window=4    Min. Timeout=10    Max. Timeout=30
2014-11-16 01:23:04.370 Link Reset, starting window sequence: 42798
2014-11-16 01:23:04.370 GPS Receiver ID Received
2014-11-16 01:23:04.370 Manufacturer's Data Received, Property Tag=2017
2014-11-16 01:23:04.370 Digitizer Gain & Offsets Received
2014-11-16 01:23:04.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4462 recs.
seq end: 19307840
2014-11-16 01:23:04.370 Baler clock set to 2014-11-16 01:23:03
2014-11-16 01:23:04.370 Starting to Read DP Tokens
2014-11-16 01:23:04.370 DP Tokens loaded, size=1474 bytes
2014-11-16 01:23:04.370 Webserver advertising 192.168.200.119:5380
2014-11-16 01:23:04.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-16 01:23:04.370 filters & delay HH1:2@100,Linear all=0.320000
2014-11-16 01:23:04.370 filters & delay HH2:3@100,Linear all=0.320000
2014-11-16 01:23:04.370 filters & delay BDH:4@20,Linear all=1.650000
2014-11-16 01:23:04.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-16 01:23:04.370 filters & delay LH1:2@1,Linear all=15.000000
2014-11-16 01:23:04.370 filters & delay LH2:3@1,Linear all=15.000000
2014-11-16 01:23:04.370 filters & delay LDH:4@1,Linear all=15.000000
2014-11-16 01:23:04.370 [2014-11-15 13:22:10.999998] continuity found: 19307840
469372931.000000 Q=100
2014-11-16 01:23:04.370 [2014-11-15 13:22:10.999998] restoring continuity
2014-11-16 01:23:04.370 Sending DT_OPEN
2014-11-16 01:23:04.370 Station: XX-2017
2014-11-16 01:23:04.370 Q330 Serial Number: 0100000DB18FC351
2014-11-16 01:23:04.370 AMB Serial Number: 0100000B6909DD82
2014-11-16 01:23:04.370 Seismo 1 Serial Number: 0000000000000000
2014-11-16 01:23:04.370 Seismo 2 Serial Number: 0000000000000000
2014-11-16 01:23:04.370 QAPCHP 1 Serial Number: 4643206
2014-11-16 01:23:04.370 QAPCHP 2 Serial Number: 3743050
2014-11-16 01:23:04.370 KMI Property Tag Number: 2017
2014-11-16 01:23:04.370 System Software Version: 1.146
2014-11-16 01:23:04.370 Slave Processor Version: 1.11
2014-11-16 01:23:04.370 Calibrator Type: QCAL330
2014-11-16 01:23:04.370 Calibrator Version: 1.8
2014-11-16 01:23:04.370 Auxiliary Board Type: None
2014-11-16 01:23:04.370 Clock Type: Motorola M12
2014-11-16 01:23:04.370 PLD Version: 7.9
2014-11-16 01:23:04.370 Total Hours: 70517.93
2014-11-16 01:23:04.370 Power On Hours: 35148.31
2014-11-16 01:23:04.370 Time of Last Boot: 2014-04-06 02:03:58
2014-11-16 01:23:04.370 Total Number of Boots: 120
2014-11-16 01:23:04.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-16 01:23:04.370 Total Number of Re-Syncs: 213
2014-11-16 01:23:04.370 Status Inputs: 00000000
2014-11-16 01:23:04.370 AC OK: Off,    Input 1,2: Off,Off,    Analog Fault: Off
2014-11-16 01:23:04.370 Clock Quality: 100%
2014-11-16 01:23:04.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-16 01:23:04.370 Clock Phase: 1 usec. max allowed=50000
2014-11-16 01:23:04.370 Boom positions:
2014-11-16 01:23:04.370 Ch1: -2 Ch2: -1 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-16 01:23:04.370 Analog Status
2014-11-16 01:23:04.370 Analog Positive Supply: 5.46V
2014-11-16 01:23:04.370 Input Voltage: 13.20V
2014-11-16 01:23:04.370 System Temperature: 5C
2014-11-16 01:23:04.370 Main Current: 62ma
2014-11-16 01:23:04.370 Antenna Current: 0ma
2014-11-16 01:23:04.370 GPS Status
2014-11-16 01:23:04.370 Time: 01:23:03
2014-11-16 01:23:04.370 Date:

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2014-11-16 01:23:04.370 Fix Type: 1-D  
 2014-11-16 01:23:04.370 Height:  
 2014-11-16 01:23:04.370 Latitude:  
 2014-11-16 01:23:04.370 Longitude:  
 2014-11-16 01:23:04.370 On Time: 0min  
 2014-11-16 01:23:04.370 Sat. Used: 0  
 2014-11-16 01:23:04.370 In View: 0  
 2014-11-16 01:23:04.370 Checksum Errors: 0  
 2014-11-16 01:23:04.370 Last GPS timemark: 2014-11-16 01:23:02  
 2014-11-16 01:23:04.370 PLL Status  
 2014-11-16 01:23:04.370 State: Lock  
 2014-11-16 01:23:04.370 Initial VCO: 2200.339355  
 2014-11-16 01:23:04.370 Time Error: -0.000001  
 2014-11-16 01:23:04.370 RMS VCO: 0.000000  
 2014-11-16 01:23:04.370 Best VCO: 2200.63  
 2014-11-16 01:23:04.370 Seconds Since Track or Lock: 0.0  
 2014-11-16 01:23:04.370 Vco Control: 2200  
 2014-11-16 01:23:04.370 timing mode: external seascan  
 2014-11-16 01:23:04.370 tempco normal  
 2014-11-16 01:23:04.370 PLL update: 10s PLL lock criterion: 5us  
 2014-11-16 01:23:04.370 Pfrac: 150.00  
 2014-11-16 01:23:04.370 VCO slope: -0.0175000  
 2014-11-16 01:23:04.370 VCO intercept: 7.1100001  
 2014-11-16 01:23:04.370 km delta: 600.0000000  
 2014-11-16 01:23:04.370 Logical Port 4 Status  
 2014-11-16 01:23:04.370 Data Packets Sent: 22196263  
 2014-11-16 01:23:04.370 Flood Packets Sent: 0  
 2014-11-16 01:23:04.370 Packets Re-Sent: 35356  
 2014-11-16 01:23:04.370 Sequence Errors: 0  
 2014-11-16 01:23:04.370 Packet Buffer Used: 22505784  
 2014-11-16 01:23:04.370 Physical Port: Ethernet  
 2014-11-16 01:23:04.370 Baler Model: 14 Software Version: 2.28  
 2014-11-16 01:23:04.370 MAC Address: 00:04:FB:00:02:EA  
 2014-11-16 01:23:04.370 Disk Size: 20000669696  
 2014-11-16 01:23:04.370 Percent of 1177 data files in use: 42.7  
 2014-11-16 01:23:04.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-16 01:23:04.370 Channel Sensitivities (uV per count):  
 2014-11-16 01:23:04.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-16 01:23:04.370 Digitizer Calibration Results:  
 2014-11-16 01:23:04.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-16 01:23:04.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-16 01:23:04.370 DMU1 Software Version=10  
 2014-11-16 01:23:04.370 Supply Voltage=12.6  
 2014-11-16 01:23:04.370 Supply Current=0.41  
 2014-11-16 01:23:04.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-16 01:23:04.370 webLink Data Maps Restored  
 2014-11-16 01:23:04.370 [2014-11-15 13:22:10.999998] sequence resumes: 19307840 to  
 19307840  
 2014-11-16 01:23:04.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-16 01:23:03  
 2014-11-16 01:28:01.690 [2014-11-16 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-11-16 01:28:01.690 Reducing Status Polling Interval  
 2014-11-16 01:28:01.690 [2014-11-16 01:28:43.999998] total packets received: 55387  
 2014-11-16 01:28:01.690 [2014-11-16 01:28:43.999998] command timeouts: 6  
 2014-11-16 01:28:01.690 [2014-11-16 01:28:43.999998] out of window: 62  
 2014-11-16 01:28:01.690 written: HHZ-1166 HH1-1393 HH2-1439 BDH-440 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-16 01:28:01.690 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-11-16 01:28:01.690 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-11-16 01:28:01.690 [2014-11-16 01:28:43.999998] Done: 4582 recs. seq end:  
 19351433. run: 336 s

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2014-11-16 13:29:36.380
2014-11-16 13:29:36.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-16 13:29:36.380 Control Port 2491 Opened
2014-11-16 13:29:36.380 Power Cycled Baler Acknowledged
2014-11-16 13:29:36.380 Commands Accepted by Q330
2014-11-16 13:29:36.380 Access timeout: 300 sec
2014-11-16 13:29:36.380 Control Port 4023 Opened
2014-11-16 13:29:36.380 Data Port 4024 Opened
2014-11-16 13:29:36.380 Registered with Q330
2014-11-16 13:29:36.380 Combination Record Received
2014-11-16 13:29:36.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-16 13:29:36.380 Link Reset, starting window sequence: 32551
2014-11-16 13:29:36.380 GPS Receiver ID Received
2014-11-16 13:29:36.380 Manufacturer's Data Received, Property Tag=2017
2014-11-16 13:29:36.380 Digitizer Gain & Offsets Received
2014-11-16 13:29:36.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4582 recs.
seq end: 19351433
2014-11-16 13:29:36.380 Baler clock set to 2014-11-16 13:29:35
2014-11-16 13:29:36.380 Starting to Read DP Tokens
2014-11-16 13:29:36.380 DP Tokens loaded, size=1474 bytes
2014-11-16 13:29:36.380 Webserver advertising 192.168.200.119:5380
2014-11-16 13:29:36.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-16 13:29:36.380 filters & delay HH1:2@100,Linear all=0.320000
2014-11-16 13:29:36.380 filters & delay HH2:3@100,Linear all=0.320000
2014-11-16 13:29:36.380 filters & delay BDH:4@20,Linear all=1.650000
2014-11-16 13:29:36.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-16 13:29:36.380 filters & delay LH1:2@1,Linear all=15.000000
2014-11-16 13:29:36.380 filters & delay LH2:3@1,Linear all=15.000000
2014-11-16 13:29:36.380 filters & delay LDH:4@1,Linear all=15.000000
2014-11-16 13:29:36.380 [2014-11-16 01:28:43.999998] continuity found: 19351433
469416524.000000 Q=100
2014-11-16 13:29:36.380 [2014-11-16 01:28:43.999998] restoring continuity
2014-11-16 13:29:36.380 Sending DT_OPEN
2014-11-16 13:29:36.380 Station: XX-2017
2014-11-16 13:29:36.380 Q330 Serial Number: 0100000DB18FC351
2014-11-16 13:29:36.380 AMB Serial Number: 0100000B6909DD82
2014-11-16 13:29:36.380 Seismo 1 Serial Number: 0000000000000000
2014-11-16 13:29:36.380 Seismo 2 Serial Number: 0000000000000000
2014-11-16 13:29:36.380 QAPCHP 1 Serial Number: 4643206
2014-11-16 13:29:36.380 QAPCHP 2 Serial Number: 3743050
2014-11-16 13:29:36.380 KMI Property Tag Number: 2017
2014-11-16 13:29:36.380 System Software Version: 1.146
2014-11-16 13:29:36.380 Slave Processor Version: 1.11
2014-11-16 13:29:36.380 Calibrator Type: QCAL330
2014-11-16 13:29:36.380 Calibrator Version: 1.8
2014-11-16 13:29:36.380 Auxiliary Board Type: None
2014-11-16 13:29:36.380 Clock Type: Motorola M12
2014-11-16 13:29:36.380 PLD Version: 7.9
2014-11-16 13:29:36.380 Total Hours: 70530.03
2014-11-16 13:29:36.380 Power On Hours: 35160.42
2014-11-16 13:29:36.380 Time of Last Boot: 2014-04-06 02:03:58
2014-11-16 13:29:36.380 Total Number of Boots: 120
2014-11-16 13:29:36.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-16 13:29:36.380 Total Number of Re-Syncs: 213
2014-11-16 13:29:36.380 Status Inputs: 00000000
2014-11-16 13:29:36.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-16 13:29:36.380 Clock Quality: 100%
2014-11-16 13:29:36.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-16 13:29:36.380 Clock Phase: 0 usec. max allowed=50000
2014-11-16 13:29:36.380 Boom positions:
2014-11-16 13:29:36.380 Ch1: -2 Ch2: -1 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-16 13:29:36.380 Analog Status
2014-11-16 13:29:36.380 Analog Positive Supply: 5.46V

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2014-11-16 13:29:36.380 Input Voltage: 13.20V
2014-11-16 13:29:36.380 System Temperature: 5C
2014-11-16 13:29:36.380 Main Current: 61ma
2014-11-16 13:29:36.380 Antenna Current: 0ma
2014-11-16 13:29:36.380 GPS Status
2014-11-16 13:29:36.380 Time: 13:29:35
2014-11-16 13:29:36.380 Date:
2014-11-16 13:29:36.380 Fix Type: 1-D
2014-11-16 13:29:36.380 Height:
2014-11-16 13:29:36.380 Latitude:
2014-11-16 13:29:36.380 Longitude:
2014-11-16 13:29:36.380 On Time: 0min
2014-11-16 13:29:36.380 Sat. Used: 0
2014-11-16 13:29:36.380 In View: 0
2014-11-16 13:29:36.380 Checksum Errors: 0
2014-11-16 13:29:36.380 Last GPS timemark: 2014-11-16 13:29:34
2014-11-16 13:29:36.380 PLL Status
2014-11-16 13:29:36.380 State: Lock
2014-11-16 13:29:36.380 Initial VCO: 2200.180908
2014-11-16 13:29:36.380 Time Error: 0.000000
2014-11-16 13:29:36.380 RMS VCO: 0.0000000
2014-11-16 13:29:36.380 Best VCO: 2200.13
2014-11-16 13:29:36.380 Seconds Since Track or Lock: 0.0
2014-11-16 13:29:36.380 Vco Control: 2200
2014-11-16 13:29:36.380 timing mode: external seascan
2014-11-16 13:29:36.380 tempco normal
2014-11-16 13:29:36.380 PLL update: 10s PLL lock criterion: 5us
2014-11-16 13:29:36.380 Pfrac: 150.00
2014-11-16 13:29:36.380 VCO slope: -0.0175000
2014-11-16 13:29:36.380 VCO intercept: 7.1100001
2014-11-16 13:29:36.380 Km delta: 600.0000000
2014-11-16 13:29:36.380 Logical Port 4 Status
2014-11-16 13:29:36.380 Data Packets Sent: 22251557
2014-11-16 13:29:36.380 Flood Packets Sent: 0
2014-11-16 13:29:36.380 Packets Re-Sent: 35433
2014-11-16 13:29:36.380 Sequence Errors: 0
2014-11-16 13:29:36.380 Packet Buffer Used: 21745608
2014-11-16 13:29:36.380 Physical Port: Ethernet
2014-11-16 13:29:36.380 Baler Model: 14 Software Version: 2.28
2014-11-16 13:29:36.380 MAC Address: 00:04:FB:00:02:EA
2014-11-16 13:29:36.380 Disk Size: 20000669696
2014-11-16 13:29:36.380 Percent of 1177 data files in use: 42.8
2014-11-16 13:29:36.380 Channels Enabled: 1234 Preamps ON channels:
2014-11-16 13:29:36.380 Channel Sensitivities (uV per count):
2014-11-16 13:29:36.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-16 13:29:36.380 Digitizer Calibration Results:
2014-11-16 13:29:36.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-16 13:29:36.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-16 13:29:36.380 DMU1 Software Version=10
2014-11-16 13:29:36.380 Supply Voltage=12.7
2014-11-16 13:29:36.380 Supply Current=0.41
2014-11-16 13:29:36.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-16 13:29:36.380 WebLink Data Maps Restored
2014-11-16 13:29:36.380 [2014-11-16 01:28:43.999998] sequence resumes: 19351433 to
19351433
2014-11-16 13:29:36.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-16 13:29:35
2014-11-16 13:35:05.000 Reducing Status Polling Interval
2014-11-16 13:35:05.000 [2014-11-16 13:35:03.999998] total packets received: 48281
2014-11-16 13:35:05.000 [2014-11-16 13:35:03.999998] command timeouts: 6
2014-11-16 13:35:05.000 [2014-11-16 13:35:03.999998] out of window: 69
2014-11-16 13:35:05.000 written: HHZ-1150 HH1-1357 HH2-1330 BDH-428 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2

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2014-11-16 13:35:05.000 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-11-16 13:35:05.000 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-11-16 13:35:05.000 [2014-11-16 13:35:03.999998] Done: 4408 recs. seq end:
19395013. run: 324 s
2014-11-17 01:36:00.360
2014-11-17 01:36:00.360 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-17 01:36:00.360 Control Port 2491 Opened
2014-11-17 01:36:00.360 Baler ready on Ethernet
2014-11-17 01:36:00.360 Power Cycled Baler Acknowledged
2014-11-17 01:36:00.360 Commands Accepted by Q330
2014-11-17 01:36:00.360 Access timeout: 300 sec
2014-11-17 01:36:00.360 Control Port 4023 Opened
2014-11-17 01:36:00.360 Data Port 4024 Opened
2014-11-17 01:36:00.360 Registered with Q330
2014-11-17 01:36:00.360 Combination Record Received
2014-11-17 01:36:00.360 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-17 01:36:00.360 Link Reset, starting window sequence: 15192
2014-11-17 01:36:00.360 GPS Receiver ID Received
2014-11-17 01:36:00.360 Manufacturer's Data Received, Property Tag=2017
2014-11-17 01:36:00.360 Digitizer Gain & Offsets Received
2014-11-17 01:36:00.360 Msg From 192.168.200.119:Baler XX-2017 readback. 4408 recs.
seq end: 19395013
2014-11-17 01:36:00.360 Baler clock set to 2014-11-17 01:35:59
2014-11-17 01:36:00.360 Starting to Read DP Tokens
2014-11-17 01:36:00.360 DP Tokens loaded, size=1474 bytes
2014-11-17 01:36:00.360 Webserver advertising 192.168.200.119:5380
2014-11-17 01:36:00.360 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-17 01:36:00.360 filters & delay HH1:2@100,Linear all=0.320000
2014-11-17 01:36:00.360 filters & delay HH2:3@100,Linear all=0.320000
2014-11-17 01:36:00.360 filters & delay BDH:4@20,Linear all=1.650000
2014-11-17 01:36:00.360 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-17 01:36:00.360 filters & delay LH1:2@1,Linear all=15.000000
2014-11-17 01:36:00.360 filters & delay LH2:3@1,Linear all=15.000000
2014-11-17 01:36:00.360 filters & delay LDH:4@1,Linear all=15.000000
2014-11-17 01:36:00.360 [2014-11-16 13:35:03.999998] continuity found: 19395013
469460104.000000 Q=100
2014-11-17 01:36:00.360 [2014-11-16 13:35:03.999998] restoring continuity
2014-11-17 01:36:00.360 Sending DT_OPEN
2014-11-17 01:36:00.360 Station: XX-2017
2014-11-17 01:36:00.360 Q330 Serial Number: 0100000DB18FC351
2014-11-17 01:36:00.360 AMB Serial Number: 0100000B6909DD82
2014-11-17 01:36:00.360 Seismo 1 Serial Number: 0000000000000000
2014-11-17 01:36:00.360 Seismo 2 Serial Number: 0000000000000000
2014-11-17 01:36:00.360 QAPCHP 1 Serial Number: 4643206
2014-11-17 01:36:00.360 QAPCHP 2 Serial Number: 3743050
2014-11-17 01:36:00.360 KMI Property Tag Number: 2017
2014-11-17 01:36:00.360 System Software Version: 1.146
2014-11-17 01:36:00.360 Slave Processor Version: 1.11
2014-11-17 01:36:00.360 Calibrator Type: QCAL330
2014-11-17 01:36:00.360 Calibrator Version: 1.8
2014-11-17 01:36:00.360 Auxiliary Board Type: None
2014-11-17 01:36:00.360 Clock Type: Motorola M12
2014-11-17 01:36:00.360 PLD Version: 7.9
2014-11-17 01:36:00.360 Total Hours: 70542.14
2014-11-17 01:36:00.360 Power On Hours: 35172.53
2014-11-17 01:36:00.360 Time of Last Boot: 2014-04-06 02:03:58
2014-11-17 01:36:00.360 Total Number of Boots: 120
2014-11-17 01:36:00.360 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-17 01:36:00.360 Total Number of Re-Syncs: 213
2014-11-17 01:36:00.360 Status Inputs: 00000000
2014-11-17 01:36:00.360 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-17 01:36:00.360 Clock Quality: 100%

```

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2014-11-17 01:36:00.360 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-17 01:36:00.360 Clock Phase: 1 usec. max allowed=50000  
 2014-11-17 01:36:00.360 Boom positions:  
 2014-11-17 01:36:00.360 ch1: -2 ch2: -1 ch3: 2 ch4: 20 ch5: 20 ch6: 20  
 2014-11-17 01:36:00.360 Analog Status  
 2014-11-17 01:36:00.360 Analog Positive Supply: 5.46V  
 2014-11-17 01:36:00.360 Input Voltage: 13.35V  
 2014-11-17 01:36:00.360 System Temperature: 5C  
 2014-11-17 01:36:00.360 Main Current: 62ma  
 2014-11-17 01:36:00.360 Antenna Current: 0ma  
 2014-11-17 01:36:00.360 GPS Status  
 2014-11-17 01:36:00.360 Time: 01:35:59  
 2014-11-17 01:36:00.360 Date:  
 2014-11-17 01:36:00.360 Fix Type: 1-D  
 2014-11-17 01:36:00.360 Height:  
 2014-11-17 01:36:00.360 Latitude:  
 2014-11-17 01:36:00.360 Longitude:  
 2014-11-17 01:36:00.360 On Time: 0min  
 2014-11-17 01:36:00.360 Sat. Used: 0  
 2014-11-17 01:36:00.360 In View: 0  
 2014-11-17 01:36:00.360 Checksum Errors: 0  
 2014-11-17 01:36:00.360 Last GPS timemark: 2014-11-17 01:35:58  
 2014-11-17 01:36:00.360 PLL Status  
 2014-11-17 01:36:00.360 State: Lock  
 2014-11-17 01:36:00.360 Initial VCO: 2200.228271  
 2014-11-17 01:36:00.360 Time Error: 0.000000  
 2014-11-17 01:36:00.360 RMS VCO: 0.0000000  
 2014-11-17 01:36:00.360 Best VCO: 2200.45  
 2014-11-17 01:36:00.360 Seconds Since Track or Lock: 0.0  
 2014-11-17 01:36:00.360 Vco Control: 2200  
 2014-11-17 01:36:00.360 timing mode: external seascan  
 2014-11-17 01:36:00.360 PLL update: 10s PLL lock criterion: 5us  
 2014-11-17 01:36:00.360 Pfrac: 150.00  
 2014-11-17 01:36:00.360 VCO slope: -0.0175000  
 2014-11-17 01:36:00.360 VCO intercept: 7.1100001  
 2014-11-17 01:36:00.360 km delta: 600.0000000  
 2014-11-17 01:36:00.360 Logical Port 4 Status  
 2014-11-17 01:36:00.360 Data Packets Sent: 22299739  
 2014-11-17 01:36:00.360 Flood Packets Sent: 0  
 2014-11-17 01:36:00.360 Packets Re-Sent: 35520  
 2014-11-17 01:36:00.360 Sequence Errors: 0  
 2014-11-17 01:36:00.360 Packet Buffer Used: 21005068  
 2014-11-17 01:36:00.360 Physical Port: Ethernet  
 2014-11-17 01:36:00.360 Baler Model: 14 Software Version: 2.28  
 2014-11-17 01:36:00.360 MAC Address: 00:04:FB:00:02:EA  
 2014-11-17 01:36:00.360 Disk Size: 20000669696  
 2014-11-17 01:36:00.360 Percent of 1177 data files in use: 43.0  
 2014-11-17 01:36:00.360 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-17 01:36:00.360 Channel Sensitivities (uV per count):  
 2014-11-17 01:36:00.360 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-17 01:36:00.360 Digitizer Calibration Results:  
 2014-11-17 01:36:00.360 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-17 01:36:00.360 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-17 01:36:00.360 DMU1 Software Version=10  
 2014-11-17 01:36:00.360 Supply Voltage=12.7  
 2014-11-17 01:36:00.360 Supply Current=0.40  
 2014-11-17 01:36:00.360 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-17 01:36:00.360 webLink Data Maps Restored  
 2014-11-17 01:36:00.360 [2014-11-16 13:35:03.999998] sequence resumes: 19395013 to 19395013  
 2014-11-17 01:36:00.360 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-17 01:35:59  
 2014-11-17 01:40:25.210 [2014-11-17 00:00:00.000001] saving Configuration to Backup



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Memory

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2014-11-17 01:40:25.210 Reducing Status Polling Interval
2014-11-17 01:40:25.210 [2014-11-17 01:41:20.000000] total packets received: 45453
2014-11-17 01:40:25.210 [2014-11-17 01:41:20.000000] command timeouts: 6
2014-11-17 01:40:25.210 [2014-11-17 01:41:20.000000] out of window: 60
2014-11-17 01:40:25.210 written: HHZ-1094 HH1-1296 HH2-1269 BDH-427 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-11-17 01:40:25.210 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-11-17 01:40:25.210 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-11-17 01:40:25.210 [2014-11-17 01:41:20.000000] Done: 4219 recs. seq end:
19438589. run: 316 s
2014-11-17 13:42:12.370
2014-11-17 13:42:12.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-17 13:42:12.370 Control Port 2491 Opened
2014-11-17 13:42:12.370 Baler ready on Ethernet
2014-11-17 13:42:12.370 Power Cycled Baler Acknowledged
2014-11-17 13:42:12.370 Commands Accepted by Q330
2014-11-17 13:42:12.370 Access timeout: 300 sec
2014-11-17 13:42:12.370 Control Port 4023 Opened
2014-11-17 13:42:12.370 Data Port 4024 Opened
2014-11-17 13:42:12.370 Registered with Q330
2014-11-17 13:42:12.370 Combination Record Received
2014-11-17 13:42:12.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-17 13:42:12.370 Link Reset, starting window sequence: 60549
2014-11-17 13:42:12.370 GPS Receiver ID Received
2014-11-17 13:42:12.370 Manufacturer's Data Received, Property Tag=2017
2014-11-17 13:42:12.370 Digitizer Gain & Offsets Received
2014-11-17 13:42:12.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4219 recs.
seq end: 19438589
2014-11-17 13:42:12.370 Baler clock set to 2014-11-17 13:42:11
2014-11-17 13:42:12.370 Starting to Read DP Tokens
2014-11-17 13:42:12.370 DP Tokens loaded, size=1474 bytes
2014-11-17 13:42:12.370 webserver advertising 192.168.200.119:5380
2014-11-17 13:42:12.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-17 13:42:12.370 filters & delay HH1:2@100,Linear all=0.320000
2014-11-17 13:42:12.370 filters & delay HH2:3@100,Linear all=0.320000
2014-11-17 13:42:12.370 filters & delay BDH:4@20,Linear all=1.650000
2014-11-17 13:42:12.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-17 13:42:12.370 filters & delay LH1:2@1,Linear all=15.000000
2014-11-17 13:42:12.370 filters & delay LH2:3@1,Linear all=15.000000
2014-11-17 13:42:12.370 filters & delay LDH:4@1,Linear all=15.000000
2014-11-17 13:42:12.370 [2014-11-17 01:41:20.000000] continuity found: 19438589
469503680.000000 Q=100
2014-11-17 13:42:12.370 [2014-11-17 01:41:20.000000] restoring continuity
2014-11-17 13:42:12.370 Sending DT_OPEN
2014-11-17 13:42:12.370 Station: XX-2017
2014-11-17 13:42:12.370 Q330 Serial Number: 0100000DB18FC351
2014-11-17 13:42:12.370 AMB Serial Number: 0100000B6909DD82
2014-11-17 13:42:12.370 Seismo 1 Serial Number: 0000000000000000
2014-11-17 13:42:12.370 Seismo 2 Serial Number: 0000000000000000
2014-11-17 13:42:12.370 QAPCHP 1 Serial Number: 4643206
2014-11-17 13:42:12.370 QAPCHP 2 Serial Number: 3743050
2014-11-17 13:42:12.370 KMI Property Tag Number: 2017
2014-11-17 13:42:12.370 System Software Version: 1.146
2014-11-17 13:42:12.370 Slave Processor Version: 1.11
2014-11-17 13:42:12.370 Calibrator Type: QCAL330
2014-11-17 13:42:12.370 Calibrator Version: 1.8
2014-11-17 13:42:12.370 Auxiliary Board Type: None
2014-11-17 13:42:12.370 Clock Type: Motorola M12
2014-11-17 13:42:12.370 PLD Version: 7.9
2014-11-17 13:42:12.370 Total Hours: 70554.25
2014-11-17 13:42:12.370 Power On Hours: 35184.63

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2014-11-17 13:42:12.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-17 13:42:12.370 Total Number of Boots: 120  
 2014-11-17 13:42:12.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-17 13:42:12.370 Total Number of Re-Syncs: 213  
 2014-11-17 13:42:12.370 Status Inputs: 00000000  
 2014-11-17 13:42:12.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-17 13:42:12.370 Clock Quality: 100%  
 2014-11-17 13:42:12.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-17 13:42:12.370 Clock Phase: 1 usec. max allowed=50000  
 2014-11-17 13:42:12.370 Boom positions:  
 2014-11-17 13:42:12.370 ch1: -2 ch2: -1 ch3: 3 ch4: 20 ch5: 20 ch6: 20  
 2014-11-17 13:42:12.370 Analog Status  
 2014-11-17 13:42:12.370 Analog Positive Supply: 5.46V  
 2014-11-17 13:42:12.370 Input Voltage: 13.35V  
 2014-11-17 13:42:12.370 System Temperature: 5C  
 2014-11-17 13:42:12.370 Main Current: 62ma  
 2014-11-17 13:42:12.370 Antenna Current: 0ma  
 2014-11-17 13:42:12.370 GPS Status  
 2014-11-17 13:42:12.370 Time: 13:42:11  
 2014-11-17 13:42:12.370 Date:  
 2014-11-17 13:42:12.370 Fix Type: 1-D  
 2014-11-17 13:42:12.370 Height:  
 2014-11-17 13:42:12.370 Latitude:  
 2014-11-17 13:42:12.370 Longitude:  
 2014-11-17 13:42:12.370 On Time: 0min  
 2014-11-17 13:42:12.370 Sat. Used: 0  
 2014-11-17 13:42:12.370 In View: 0  
 2014-11-17 13:42:12.370 Checksum Errors: 0  
 2014-11-17 13:42:12.370 Last GPS timemark: 2014-11-17 13:42:10  
 2014-11-17 13:42:12.370 PLL Status  
 2014-11-17 13:42:12.370 State: Lock  
 2014-11-17 13:42:12.370 Initial VCO: 2199.900391  
 2014-11-17 13:42:12.370 Time Error: 0.000000  
 2014-11-17 13:42:12.370 RMS VCO: 0.0000000  
 2014-11-17 13:42:12.370 Best VCO: 2199.92  
 2014-11-17 13:42:12.370 Seconds Since Track or Lock: 0.0  
 2014-11-17 13:42:12.370 Vco Control: 2200  
 2014-11-17 13:42:12.370 timing mode: external seascan  
 2014-11-17 13:42:12.370 tempco normal  
 2014-11-17 13:42:12.370 PLL update: 10s PLL lock criterion: 5us  
 2014-11-17 13:42:12.370 Pfrac: 150.00  
 2014-11-17 13:42:12.370 VCO slope: -0.0175000  
 2014-11-17 13:42:12.370 VCO intercept: 7.1100001  
 2014-11-17 13:42:12.370 Km delta: 600.0000000  
 2014-11-17 13:42:12.370 Logical Port 4 Status  
 2014-11-17 13:42:12.370 Data Packets Sent: 22345102  
 2014-11-17 13:42:12.370 Flood Packets Sent: 0  
 2014-11-17 13:42:12.370 Packets Re-Sent: 35597  
 2014-11-17 13:42:12.370 Sequence Errors: 0  
 2014-11-17 13:42:12.370 Packet Buffer Used: 23601688  
 2014-11-17 13:42:12.370 Physical Port: Ethernet  
 2014-11-17 13:42:12.370 Baler Model: 14 Software version: 2.28  
 2014-11-17 13:42:12.370 MAC Address: 00:04:FB:00:02:EA  
 2014-11-17 13:42:12.370 Disk Size: 20000669696  
 2014-11-17 13:42:12.370 Percent of 1177 data files in use: 43.0  
 2014-11-17 13:42:12.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-17 13:42:12.370 Channel sensitivities (uV per count):  
 2014-11-17 13:42:12.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-17 13:42:12.370 Digitizer Calibration Results:  
 2014-11-17 13:42:12.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-17 13:42:12.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-17 13:42:12.370 DMU1 Software Version=10  
 2014-11-17 13:42:12.370 Supply Voltage=12.7

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2014-11-17 13:42:12.370 Supply Current=0.41  
 2014-11-17 13:42:12.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-17 13:42:12.370 WebLink Data Maps Restored  
 2014-11-17 13:42:12.370 [2014-11-17 01:41:20.000000] sequence resumes: 19438589 to 19438589  
 2014-11-17 13:42:12.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-17 13:42:11  
 2014-11-17 13:46:18.050 Reducing Status Polling Interval  
 2014-11-17 13:48:08.340 [2014-11-17 13:44:33.000000] total packets received: 63633  
 2014-11-17 13:48:08.340 [2014-11-17 13:44:33.000000] command timeouts: 6  
 2014-11-17 13:48:08.340 [2014-11-17 13:44:33.000000] out of window: 65  
 2014-11-17 13:48:08.340 written: HHZ-1249 HH1-1487 HH2-1502 BDH-447 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-11-17 13:48:08.340 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-28  
 VMZ-2 VM1-2  
 2014-11-17 13:48:08.340 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1  
 2014-11-17 13:48:08.340 [2014-11-17 13:44:33.000000] Done: 4831 recs. seq end: 19481982. run: 352 s  
 2014-11-18 01:49:02.390  
 2014-11-18 01:49:02.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-18 01:49:02.390 Control Port 2491 Opened  
 2014-11-18 01:49:02.390 Baler ready on Ethernet  
 2014-11-18 01:49:02.390 Power Cycled Baler Acknowledged  
 2014-11-18 01:49:02.390 Commands Accepted by Q330  
 2014-11-18 01:49:02.390 Access timeout: 300 sec  
 2014-11-18 01:49:02.390 Control Port 4023 Opened  
 2014-11-18 01:49:02.390 Data Port 4024 Opened  
 2014-11-18 01:49:02.390 Registered with Q330  
 2014-11-18 01:49:02.390 Combination Record Received  
 2014-11-18 01:49:02.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-18 01:49:02.390 Link Reset, starting window sequence: 58528  
 2014-11-18 01:49:02.390 GPS Receiver ID Received  
 2014-11-18 01:49:02.390 Manufacturer's Data Received, Property Tag=2017  
 2014-11-18 01:49:02.390 Digitizer Gain & Offsets Received  
 2014-11-18 01:49:02.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4831 recs. seq end: 19481982  
 2014-11-18 01:49:02.390 Baler clock set to 2014-11-18 01:49:01  
 2014-11-18 01:49:02.390 Starting to Read DP Tokens  
 2014-11-18 01:49:02.390 DP Tokens loaded, size=1474 bytes  
 2014-11-18 01:49:02.390 Webserver advertising 192.168.200.119:5380  
 2014-11-18 01:49:02.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-18 01:49:02.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-18 01:49:02.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-18 01:49:02.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-18 01:49:02.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-18 01:49:02.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-18 01:49:02.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-18 01:49:02.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-18 01:49:02.390 [2014-11-17 13:44:33.000000] continuity found: 19481982  
 469547073.000000 Q=100  
 2014-11-18 01:49:02.390 [2014-11-17 13:44:33.000000] restoring continuity  
 2014-11-18 01:49:02.390 Sending DT\_OPEN  
 2014-11-18 01:49:02.390 Station: XX-2017  
 2014-11-18 01:49:02.390 Q330 Serial Number: 0100000DB18FC351  
 2014-11-18 01:49:02.390 Seismo 1 Serial Number: 0000000000000000  
 2014-11-18 01:49:02.390 Seismo 2 Serial Number: 0000000000000000  
 2014-11-18 01:49:02.390 QAPCHP 1 Serial Number: 4643206  
 2014-11-18 01:49:02.390 QAPCHP 2 Serial Number: 3743050  
 2014-11-18 01:49:02.390 KMI Property Tag Number: 2017  
 2014-11-18 01:49:02.390 System Software Version: 1.146  
 2014-11-18 01:49:02.390 Slave Processor Version: 1.11  
 2014-11-18 01:49:02.390 Calibrator Type: QCAL330  
 2014-11-18 01:49:02.390 Calibrator Version: 1.8

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2014-11-18 01:49:02.390 Auxiliary Board Type: None  
 2014-11-18 01:49:02.390 Clock Type: Motorola M12  
 2014-11-18 01:49:02.390 PLD Version: 7.9  
 2014-11-18 01:49:02.390 Total Hours: 70566.36  
 2014-11-18 01:49:02.390 Power On Hours: 35196.74  
 2014-11-18 01:49:02.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-18 01:49:02.390 Total Number of Boots: 120  
 2014-11-18 01:49:02.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-18 01:49:02.390 Total Number of Re-Syncs: 213  
 2014-11-18 01:49:02.390 Status Inputs: 00000000  
 2014-11-18 01:49:02.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-18 01:49:02.390 Clock Quality: 100%  
 2014-11-18 01:49:02.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-18 01:49:02.390 Clock Phase: 0 usec. max allowed=50000  
 2014-11-18 01:49:02.390 Boom positions:  
 2014-11-18 01:49:02.390 ch1: -2 ch2: -1 ch3: 3 ch4: 20 ch5: 20 ch6: 20  
 2014-11-18 01:49:02.390 Analog Status  
 2014-11-18 01:49:02.390 Analog Positive Supply: 5.46V  
 2014-11-18 01:49:02.390 Input Voltage: 13.35V  
 2014-11-18 01:49:02.390 System Temperature: 5C  
 2014-11-18 01:49:02.390 Main Current: 61ma  
 2014-11-18 01:49:02.390 Antenna Current: 0ma  
 2014-11-18 01:49:02.390 GPS Status  
 2014-11-18 01:49:02.390 Time: 01:49:01  
 2014-11-18 01:49:02.390 Date:  
 2014-11-18 01:49:02.390 Fix Type: 1-D  
 2014-11-18 01:49:02.390 Height:  
 2014-11-18 01:49:02.390 Latitude:  
 2014-11-18 01:49:02.390 Longitude:  
 2014-11-18 01:49:02.390 On Time: 0min  
 2014-11-18 01:49:02.390 Sat. Used: 0  
 2014-11-18 01:49:02.390 In View: 0  
 2014-11-18 01:49:02.390 Checksum Errors: 0  
 2014-11-18 01:49:02.390 Last GPS timemark: 2014-11-18 01:49:00  
 2014-11-18 01:49:02.390 PLL Status  
 2014-11-18 01:49:02.390 State: Lock  
 2014-11-18 01:49:02.390 Initial VCO: 2199.865723  
 2014-11-18 01:49:02.390 Time Error: -0.000001  
 2014-11-18 01:49:02.390 RMS VCO: 0.0000000  
 2014-11-18 01:49:02.390 Best VCO: 2199.91  
 2014-11-18 01:49:02.390 Seconds Since Track or Lock: 0.0  
 2014-11-18 01:49:02.390 Vco Control: 2200  
 2014-11-18 01:49:02.390 timing mode: external seascan  
 2014-11-18 01:49:02.390 tempco normal  
 2014-11-18 01:49:02.390 PLL update: 10s PLL lock criterion: 5us  
 2014-11-18 01:49:02.390 Pfrac: 150.00  
 2014-11-18 01:49:02.390 VCO slope: -0.0175000  
 2014-11-18 01:49:02.390 VCO intercept: 7.1100001  
 2014-11-18 01:49:02.390 km delta: 600.0000000  
 2014-11-18 01:49:02.390 Logical Port 4 Status  
 2014-11-18 01:49:02.390 Data Packets Sent: 22408623  
 2014-11-18 01:49:02.390 Flood Packets Sent: 0  
 2014-11-18 01:49:02.390 Packets Re-Sent: 35681  
 2014-11-18 01:49:02.390 Sequence Errors: 0  
 2014-11-18 01:49:02.390 Packet Buffer Used: 23398256  
 2014-11-18 01:49:02.390 Physical Port: Ethernet  
 2014-11-18 01:49:02.390 Baler Model: 14 Software Version: 2.28  
 2014-11-18 01:49:02.390 MAC Address: 00:04:FB:00:02:EA  
 2014-11-18 01:49:02.390 Disk Size: 20000669696  
 2014-11-18 01:49:02.390 Percent of 1177 data files in use: 43.1  
 2014-11-18 01:49:02.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-18 01:49:02.390 Channel sensitivities (uV per count):  
 2014-11-18 01:49:02.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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```

2014-11-18 01:49:02.390 Digitizer Calibration Results:
2014-11-18 01:49:02.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-18 01:49:02.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-18 01:49:02.390 DMU1 Software Version=10
2014-11-18 01:49:02.390 Supply Voltage=12.7
2014-11-18 01:49:02.390 Supply Current=0.40
2014-11-18 01:49:02.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-18 01:49:02.390 webLink Data Maps Restored
2014-11-18 01:49:02.390 [2014-11-17 13:44:33.000000] sequence resumes: 19481982 to
19481982
2014-11-18 01:49:02.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-18 01:49:01
2014-11-18 01:53:52.950 [2014-11-18 00:00:00.000001] saving Configuration to Backup
Memory
2014-11-18 01:55:02.210 Reducing Status Polling Interval
2014-11-18 01:55:02.210 [2014-11-18 01:55:01.999998] total packets received: 62610
2014-11-18 01:55:02.210 [2014-11-18 01:55:01.999998] command timeouts: 6
2014-11-18 01:55:02.210 [2014-11-18 01:55:01.999998] out of window: 79
2014-11-18 01:55:02.210 written: HHZ-1218 HH1-1496 HH2-1483 BDH-455 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-11-18 01:55:02.210 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-25 LH2-25 LDH-29
VMZ-2 VM1-2
2014-11-18 01:55:02.210 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-11-18 01:55:02.210 [2014-11-18 01:55:01.999998] Done: 4803 recs. seq end:
19525811. run: 356 s
2014-11-18 13:55:57.410
2014-11-18 13:55:57.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-18 13:55:57.410 Control Port 2491 Opened
2014-11-18 13:55:57.410 Baler ready on Ethernet
2014-11-18 13:55:57.410 Power Cycled Baler Acknowledged
2014-11-18 13:55:57.410 Commands Accepted by Q330
2014-11-18 13:55:57.410 Access timeout: 300 sec
2014-11-18 13:55:57.410 Control Port 4023 Opened
2014-11-18 13:55:57.410 Data Port 4024 Opened
2014-11-18 13:55:57.410 Registered with Q330
2014-11-18 13:55:57.410 Combination Record Received
2014-11-18 13:55:57.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-18 13:55:57.410 Link Reset, starting window sequence: 55486
2014-11-18 13:55:57.410 GPS Receiver ID Received
2014-11-18 13:55:57.410 Manufacturer's Data Received, Property Tag=2017
2014-11-18 13:55:57.410 Digitizer Gain & Offsets Received
2014-11-18 13:55:57.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4803 recs.
seq end: 19525811
2014-11-18 13:55:57.410 Baler clock set to 2014-11-18 13:55:56
2014-11-18 13:55:57.410 Starting to Read DP Tokens
2014-11-18 13:55:57.410 DP Tokens loaded, size=1474 bytes
2014-11-18 13:55:57.410 webserver advertising 192.168.200.119:5380
2014-11-18 13:55:57.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-18 13:55:57.410 filters & delay HH1:2@100,Linear all=0.320000
2014-11-18 13:55:57.410 filters & delay HH2:3@100,Linear all=0.320000
2014-11-18 13:55:57.410 filters & delay BDH:4@20,Linear all=1.650000
2014-11-18 13:55:57.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-18 13:55:57.410 filters & delay LH1:2@1,Linear all=15.000000
2014-11-18 13:55:57.410 filters & delay LH2:3@1,Linear all=15.000000
2014-11-18 13:55:57.410 filters & delay LDH:4@1,Linear all=15.000000
2014-11-18 13:55:57.410 [2014-11-18 01:55:01.999998] continuity found: 19525811
469590902.000000 Q=100
2014-11-18 13:55:57.410 [2014-11-18 01:55:01.999998] restoring continuity
2014-11-18 13:55:57.410 Sending DT_OPEN
2014-11-18 13:55:57.410 Station: XX-2017
2014-11-18 13:55:57.410 Q330 Serial Number: 0100000DB18FC351
2014-11-18 13:55:57.410 AMB Serial Number: 0100000B6909DD82
2014-11-18 13:55:57.410 Seismo 1 Serial Number: 0000000000000000

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2014-11-18 13:55:57.410 Seismo 2 Serial Number: 0000000000000000  
 2014-11-18 13:55:57.410 QAPCHP 1 Serial Number: 4643206  
 2014-11-18 13:55:57.410 QAPCHP 2 Serial Number: 3743050  
 2014-11-18 13:55:57.410 KMI Property Tag Number: 2017  
 2014-11-18 13:55:57.410 System Software Version: 1.146  
 2014-11-18 13:55:57.410 Slave Processor Version: 1.11  
 2014-11-18 13:55:57.410 Calibrator Type: QCAL330  
 2014-11-18 13:55:57.410 Calibrator Version: 1.8  
 2014-11-18 13:55:57.410 Auxiliary Board Type: None  
 2014-11-18 13:55:57.410 Clock Type: Motorola M12  
 2014-11-18 13:55:57.410 PLD Version: 7.9  
 2014-11-18 13:55:57.410 Total Hours: 70578.48  
 2014-11-18 13:55:57.410 Power On Hours: 35208.86  
 2014-11-18 13:55:57.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-18 13:55:57.410 Total Number of Boots: 120  
 2014-11-18 13:55:57.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-18 13:55:57.410 Total Number of Re-Syncs: 213  
 2014-11-18 13:55:57.410 Status Inputs: 00000000  
 2014-11-18 13:55:57.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-11-18 13:55:57.410 Clock Quality: 100%  
 2014-11-18 13:55:57.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-18 13:55:57.410 Clock Phase: 0 usec. max allowed=50000  
 2014-11-18 13:55:57.410 Boom positions:  
 2014-11-18 13:55:57.410 Ch1: -2 Ch2: -1 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-18 13:55:57.410 Analog Status  
 2014-11-18 13:55:57.410 Analog Positive Supply: 5.46v  
 2014-11-18 13:55:57.410 Input Voltage: 13.20V  
 2014-11-18 13:55:57.410 System Temperature: 5C  
 2014-11-18 13:55:57.410 Main Current: 62ma  
 2014-11-18 13:55:57.410 Antenna Current: 0ma  
 2014-11-18 13:55:57.410 GPS Status  
 2014-11-18 13:55:57.410 Time: 13:55:56  
 2014-11-18 13:55:57.410 Date:  
 2014-11-18 13:55:57.410 Fix Type: 1-D  
 2014-11-18 13:55:57.410 Height:  
 2014-11-18 13:55:57.410 Latitude:  
 2014-11-18 13:55:57.410 Longitude:  
 2014-11-18 13:55:57.410 On Time: 0min  
 2014-11-18 13:55:57.410 Sat. Used: 0  
 2014-11-18 13:55:57.410 In View: 0  
 2014-11-18 13:55:57.410 Checksum Errors: 0  
 2014-11-18 13:55:57.410 Last GPS timemark: 2014-11-18 13:55:55  
 2014-11-18 13:55:57.410 PLL Status  
 2014-11-18 13:55:57.410 State: Lock  
 2014-11-18 13:55:57.410 Initial VCO: 2200.033203  
 2014-11-18 13:55:57.410 Time Error: 0.000000  
 2014-11-18 13:55:57.410 RMS VCO: 0.000000  
 2014-11-18 13:55:57.410 Best VCO: 2199.89  
 2014-11-18 13:55:57.410 Seconds Since Track or Lock: 0.0  
 2014-11-18 13:55:57.410 Vco Control: 2200  
 2014-11-18 13:55:57.410 timing mode: external seascan  
 2014-11-18 13:55:57.410 tempco normal  
 2014-11-18 13:55:57.410 PLL update: 10s PLL lock criterion: 5us  
 2014-11-18 13:55:57.410 Pfrac: 150.00  
 2014-11-18 13:55:57.410 VCO slope: -0.0175000  
 2014-11-18 13:55:57.410 VCO intercept: 7.1100001  
 2014-11-18 13:55:57.410 km delta: 600.0000000  
 2014-11-18 13:55:57.410 Logical Port 4 Status  
 2014-11-18 13:55:57.410 Data Packets Sent: 22471122  
 2014-11-18 13:55:57.410 Flood Packets Sent: 0  
 2014-11-18 13:55:57.410 Packets Re-Sent: 35775  
 2014-11-18 13:55:57.410 Sequence Errors: 0  
 2014-11-18 13:55:57.410 Packet Buffer Used: 24072876

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2014-11-18 13:55:57.410 Physical Port: Ethernet  
 2014-11-18 13:55:57.410 Baler Model: 14 Software Version: 2.28  
 2014-11-18 13:55:57.410 MAC Address: 00:04:FB:00:02:EA  
 2014-11-18 13:55:57.410 Disk Size: 20000669696  
 2014-11-18 13:55:57.410 Percent of 1177 data files in use: 43.2  
 2014-11-18 13:55:57.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-18 13:55:57.410 Channel Sensitivities (uV per count):  
 2014-11-18 13:55:57.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-18 13:55:57.410 Digitizer Calibration Results:  
 2014-11-18 13:55:57.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-18 13:55:57.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-18 13:55:57.410 DMU1 Software Version=10  
 2014-11-18 13:55:57.410 Supply Voltage=12.6  
 2014-11-18 13:55:57.410 Supply Current=0.41  
 2014-11-18 13:55:57.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-18 13:55:57.410 WebLink Data Maps Restored  
 2014-11-18 13:55:57.410 [2014-11-18 01:55:01.999998] sequence resumes: 19525811 to 19525811  
 2014-11-18 13:55:57.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-18 13:55:56  
 2014-11-18 14:02:06.180 [2014-11-18 13:52:47.000000] total packets received: 70206  
 2014-11-18 14:02:06.180 [2014-11-18 13:52:47.000000] out of window: 78  
 2014-11-18 14:02:06.180 written: HHZ-1247 HH1-1495 HH2-1564 BDH-451 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-11-18 14:02:06.180 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-26 LH2-27 LDH-36  
 VMZ-1 VM1-1  
 2014-11-18 14:02:06.180 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-11-18 14:02:06.180 [2014-11-18 13:52:47.000000] Done: 4909 recs. seq end: 19568876. run: 365 s  
 2014-11-19 02:03:00.390  
 2014-11-19 02:03:00.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-19 02:03:00.390 Control Port 2491 Opened  
 2014-11-19 02:03:00.390 Baler ready on Ethernet  
 2014-11-19 02:03:00.390 Power Cycled Baler Acknowledged  
 2014-11-19 02:03:00.390 Commands Accepted by Q330  
 2014-11-19 02:03:00.390 Access timeout: 300 sec  
 2014-11-19 02:03:00.390 Control Port 4023 Opened  
 2014-11-19 02:03:00.390 Data Port 4024 Opened  
 2014-11-19 02:03:00.390 Registered with Q330  
 2014-11-19 02:03:00.390 Combination Record Received  
 2014-11-19 02:03:00.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-19 02:03:00.390 Link Reset, starting window sequence: 60040  
 2014-11-19 02:03:00.390 GPS Receiver ID Received  
 2014-11-19 02:03:00.390 Manufacturer's Data Received, Property Tag=2017  
 2014-11-19 02:03:00.390 Digitizer Gain & Offsets Received  
 2014-11-19 02:03:00.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4909 recs. seq end: 19568876  
 2014-11-19 02:03:00.390 Baler clock set to 2014-11-19 02:02:59  
 2014-11-19 02:03:00.390 Starting to Read DP Tokens  
 2014-11-19 02:03:00.390 DP Tokens loaded, size=1474 bytes  
 2014-11-19 02:03:00.390 Webserver advertising 192.168.200.119:5380  
 2014-11-19 02:03:00.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-19 02:03:00.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-19 02:03:00.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-19 02:03:00.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-19 02:03:00.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-19 02:03:00.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-19 02:03:00.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-19 02:03:00.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-19 02:03:00.390 [2014-11-18 13:52:47.000000] continuity found: 19568876 469633967.000000 Q=100  
 2014-11-19 02:03:00.390 [2014-11-18 13:52:47.000000] restoring continuity  
 2014-11-19 02:03:00.390 Sending DT\_OPEN

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2014-11-19 02:03:00.390 Station: XX-2017  
 2014-11-19 02:03:00.390 Q330 Serial Number: 0100000DB18FC351  
 2014-11-19 02:03:00.390 AMB Serial Number: 0100000B6909DD82  
 2014-11-19 02:03:00.390 Seismo 1 Serial Number: 0000000000000000  
 2014-11-19 02:03:00.390 Seismo 2 Serial Number: 0000000000000000  
 2014-11-19 02:03:00.390 QAPCHP 1 Serial Number: 4643206  
 2014-11-19 02:03:00.390 QAPCHP 2 Serial Number: 3743050  
 2014-11-19 02:03:00.390 KMI Property Tag Number: 2017  
 2014-11-19 02:03:00.390 System Software Version: 1.146  
 2014-11-19 02:03:00.390 Slave Processor Version: 1.11  
 2014-11-19 02:03:00.390 Calibrator Type: QCAL330  
 2014-11-19 02:03:00.390 Calibrator Version: 1.8  
 2014-11-19 02:03:00.390 Auxiliary Board Type: None  
 2014-11-19 02:03:00.390 Clock Type: Motorola M12  
 2014-11-19 02:03:00.390 PLD Version: 7.9  
 2014-11-19 02:03:00.390 Total Hours: 70590.59  
 2014-11-19 02:03:00.390 Power On Hours: 35220.98  
 2014-11-19 02:03:00.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-19 02:03:00.390 Total Number of Boots: 120  
 2014-11-19 02:03:00.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-19 02:03:00.390 Total Number of Re-Syncs: 213  
 2014-11-19 02:03:00.390 Status Inputs: 00000000  
 2014-11-19 02:03:00.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-19 02:03:00.390 Clock Quality: 100%  
 2014-11-19 02:03:00.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-19 02:03:00.390 Clock Phase: 1 usec. max allowed=50000  
 2014-11-19 02:03:00.390 Boom positions:  
 2014-11-19 02:03:00.390 ch1: -2 ch2: -1 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-11-19 02:03:00.390 Analog Status  
 2014-11-19 02:03:00.390 Analog Positive Supply: 5.46V  
 2014-11-19 02:03:00.390 Input Voltage: 13.35V  
 2014-11-19 02:03:00.390 System Temperature: 5C  
 2014-11-19 02:03:00.390 Main Current: 62ma  
 2014-11-19 02:03:00.390 Antenna Current: 0ma  
 2014-11-19 02:03:00.390 GPS Status  
 2014-11-19 02:03:00.390 Time: 02:02:59  
 2014-11-19 02:03:00.390 Date:  
 2014-11-19 02:03:00.390 Fix Type: 1-D  
 2014-11-19 02:03:00.390 Height:  
 2014-11-19 02:03:00.390 Latitude:  
 2014-11-19 02:03:00.390 Longitude:  
 2014-11-19 02:03:00.390 On Time: 0min  
 2014-11-19 02:03:00.390 Sat. Used: 0  
 2014-11-19 02:03:00.390 In View: 0  
 2014-11-19 02:03:00.390 Checksum Errors: 0  
 2014-11-19 02:03:00.390 Last GPS timemark: 2014-11-19 02:02:58  
 2014-11-19 02:03:00.390 PLL Status  
 2014-11-19 02:03:00.390 State: Lock  
 2014-11-19 02:03:00.390 Initial VCO: 2200.377197  
 2014-11-19 02:03:00.390 Time Error: -0.000001  
 2014-11-19 02:03:00.390 RMS VCO: 0.0000000  
 2014-11-19 02:03:00.390 Best VCO: 2200.50  
 2014-11-19 02:03:00.390 Seconds Since Track or Lock: 0.0  
 2014-11-19 02:03:00.390 Vco Control: 2201  
 2014-11-19 02:03:00.390 timing mode: external seascan  
 2014-11-19 02:03:00.390 tempco normal  
 2014-11-19 02:03:00.390 PLL update: 10s PLL lock criterion: 5us  
 2014-11-19 02:03:00.390 Pfrac: 150.00  
 2014-11-19 02:03:00.390 VCO slope: -0.0175000  
 2014-11-19 02:03:00.390 VCO intercept: 7.1100001  
 2014-11-19 02:03:00.390 km delta: 600.0000000  
 2014-11-19 02:03:00.390 Logical Port 4 Status  
 2014-11-19 02:03:00.390 Data Packets Sent: 22541218



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2014-11-19 02:03:00.390 Flood Packets Sent: 0  
 2014-11-19 02:03:00.390 Packets Re-Sent: 35875  
 2014-11-19 02:03:00.390 Sequence Errors: 0  
 2014-11-19 02:03:00.390 Packet Buffer Used: 23220728  
 2014-11-19 02:03:00.390 Physical Port: Ethernet  
 2014-11-19 02:03:00.390 Baler Model: 14 Software Version: 2.28  
 2014-11-19 02:03:00.390 MAC Address: 00:04:FB:00:02:EA  
 2014-11-19 02:03:00.390 Disk Size: 20000669696  
 2014-11-19 02:03:00.390 Percent of 1177 data files in use: 43.2  
 2014-11-19 02:03:00.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-19 02:03:00.390 Channel Sensitivities (uV per count):  
 2014-11-19 02:03:00.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-19 02:03:00.390 Digitizer Calibration Results:  
 2014-11-19 02:03:00.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-19 02:03:00.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-19 02:03:00.390 DMU1 Software Version=10  
 2014-11-19 02:03:00.390 Supply Voltage=12.7  
 2014-11-19 02:03:00.390 Supply Current=0.41  
 2014-11-19 02:03:00.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-19 02:03:00.390 webLink Data Maps Restored  
 2014-11-19 02:03:00.390 [2014-11-18 13:52:47.000000] sequence resumes: 19568876 to  
 19568876  
 2014-11-19 02:03:00.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-19 02:02:59  
 2014-11-19 02:06:54.760 Reducing Status Polling Interval  
 2014-11-19 02:06:54.760 [2014-11-19 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-11-19 02:08:51.030 [2014-11-19 01:59:45.000000] total packets received: 54263  
 2014-11-19 02:08:51.030 [2014-11-19 01:59:45.000000] command timeouts: 6  
 2014-11-19 02:08:51.030 [2014-11-19 01:59:45.000000] out of window: 79  
 2014-11-19 02:08:51.030 written: HHZ-1198 HH1-1431 HH2-1469 BDH-455 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-19 02:08:51.030 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-32 LH2-32 LDH-40  
 VMZ-2 VM1-2  
 2014-11-19 02:08:51.030 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-11-19 02:08:51.030 [2014-11-19 01:59:45.000000] Done: 4731 recs. seq end:  
 19612494. run: 345 s  
 2014-11-19 14:09:44.420  
 2014-11-19 14:09:44.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-19 14:09:44.420 Control Port 2491 Opened  
 2014-11-19 14:09:44.420 Baler ready on Ethernet  
 2014-11-19 14:09:44.420 Power Cycled Baler Acknowledged  
 2014-11-19 14:09:44.420 Commands Accepted by Q330  
 2014-11-19 14:09:44.420 Access timeout: 300 sec  
 2014-11-19 14:09:44.420 Control Port 4023 Opened  
 2014-11-19 14:09:44.420 Data Port 4024 Opened  
 2014-11-19 14:09:44.420 Registered with Q330  
 2014-11-19 14:09:44.420 Combination Record Received  
 2014-11-19 14:09:44.420 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-19 14:09:44.420 Link Reset, starting window sequence: 48634  
 2014-11-19 14:09:44.420 GPS Receiver ID Received  
 2014-11-19 14:09:44.420 Manufacturer's Data Received, Property Tag=2017  
 2014-11-19 14:09:44.420 Digitizer Gain & Offsets Received  
 2014-11-19 14:09:44.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4731 recs.  
 seq end: 19612494  
 2014-11-19 14:09:44.420 Baler clock set to 2014-11-19 14:09:43  
 2014-11-19 14:09:44.420 Starting to Read DP Tokens  
 2014-11-19 14:09:44.420 DP Tokens loaded, size=1474 bytes  
 2014-11-19 14:09:44.420 webserver advertising 192.168.200.119:5380  
 2014-11-19 14:09:44.420 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-19 14:09:44.420 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-19 14:09:44.420 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-19 14:09:44.420 filters & delay BDH:4@20,Linear all=1.650000

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2014-11-19 14:09:44.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-19 14:09:44.420 filters & delay LH1:2@1,Linear all=15.000000
2014-11-19 14:09:44.420 filters & delay LH2:3@1,Linear all=15.000000
2014-11-19 14:09:44.420 filters & delay LDH:4@1,Linear all=15.000000
2014-11-19 14:09:44.420 [2014-11-19 01:59:45.000000] continuity found: 19612494
469677585.000000 Q=100
2014-11-19 14:09:44.420 [2014-11-19 01:59:45.000000] restoring continuity
2014-11-19 14:09:44.420 Sending DT_OPEN
2014-11-19 14:09:44.420 Station: XX-2017
2014-11-19 14:09:44.420 Q330 Serial Number: 0100000DB18FC351
2014-11-19 14:09:44.420 AMB Serial Number: 0100000B6909DD82
2014-11-19 14:09:44.420 Seismo 1 Serial Number: 0000000000000000
2014-11-19 14:09:44.420 Seismo 2 Serial Number: 0000000000000000
2014-11-19 14:09:44.420 QAPCHP 1 Serial Number: 4643206
2014-11-19 14:09:44.420 QAPCHP 2 Serial Number: 3743050
2014-11-19 14:09:44.420 KMI Property Tag Number: 2017
2014-11-19 14:09:44.420 System Software Version: 1.146
2014-11-19 14:09:44.420 Slave Processor Version: 1.11
2014-11-19 14:09:44.420 Calibrator Type: QCAL330
2014-11-19 14:09:44.420 Calibrator Version: 1.8
2014-11-19 14:09:44.420 Auxiliary Board Type: None
2014-11-19 14:09:44.420 Clock Type: Motorola M12
2014-11-19 14:09:44.420 PLD Version: 7.9
2014-11-19 14:09:44.420 Total Hours: 70602.71
2014-11-19 14:09:44.420 Power On Hours: 35233.09
2014-11-19 14:09:44.420 Time of Last Boot: 2014-04-06 02:03:58
2014-11-19 14:09:44.420 Total Number of Boots: 120
2014-11-19 14:09:44.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-19 14:09:44.420 Total Number of Re-Syncs: 213
2014-11-19 14:09:44.420 Status Inputs: 00000000
2014-11-19 14:09:44.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-19 14:09:44.420 Clock Quality: 100%
2014-11-19 14:09:44.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-19 14:09:44.420 Clock Phase: 0 usec. max allowed=50000
2014-11-19 14:09:44.420 Boom positions:
2014-11-19 14:09:44.420 Ch1: -2 Ch2: -1 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-19 14:09:44.420 Analog Status
2014-11-19 14:09:44.420 Analog Positive Supply: 5.46V
2014-11-19 14:09:44.420 Input Voltage: 13.35V
2014-11-19 14:09:44.420 System Temperature: 5C
2014-11-19 14:09:44.420 Main Current: 62ma
2014-11-19 14:09:44.420 Antenna Current: 0ma
2014-11-19 14:09:44.420 GPS Status
2014-11-19 14:09:44.420 Time: 14:09:43
2014-11-19 14:09:44.420 Date:
2014-11-19 14:09:44.420 Fix Type: 1-D
2014-11-19 14:09:44.420 Latitude:
2014-11-19 14:09:44.420 Longitude:
2014-11-19 14:09:44.420 On Time: 0min
2014-11-19 14:09:44.420 Sat. Used: 0
2014-11-19 14:09:44.420 In View: 0
2014-11-19 14:09:44.420 Checksum Errors: 0
2014-11-19 14:09:44.420 Last GPS timemark: 2014-11-19 14:09:42
2014-11-19 14:09:44.420 PLL Status
2014-11-19 14:09:44.420 State: Lock
2014-11-19 14:09:44.420 Initial VCO: 2199.850830
2014-11-19 14:09:44.420 Time Error: 0.000000
2014-11-19 14:09:44.420 RMS VCO: 0.0000000
2014-11-19 14:09:44.420 Best VCO: 2200.38
2014-11-19 14:09:44.420 Seconds Since Track or Lock: 0.0
2014-11-19 14:09:44.420 Vco Control: 2200
2014-11-19 14:09:44.420 timing mode: external seascan
2014-11-19 14:09:44.420 tempco normal

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2014-11-19 14:09:44.420 PLL update: 10s PLL lock criterion: 5us  
 2014-11-19 14:09:44.420 Pfrac: 150.00  
 2014-11-19 14:09:44.420 VCO slope: -0.0175000  
 2014-11-19 14:09:44.420 VCO intercept: 7.1100001  
 2014-11-19 14:09:44.420 km delta: 600.0000000  
 2014-11-19 14:09:44.420 Logical Port 4 Status  
 2014-11-19 14:09:44.420 Data Packets Sent: 22595353  
 2014-11-19 14:09:44.420 Flood Packets Sent: 0  
 2014-11-19 14:09:44.420 Packets Re-Sent: 35971  
 2014-11-19 14:09:44.420 Sequence Errors: 0  
 2014-11-19 14:09:44.420 Packet Buffer Used: 22857412  
 2014-11-19 14:09:44.420 Physical Port: Ethernet  
 2014-11-19 14:09:44.420 Baler Model: 14 Software Version: 2.28  
 2014-11-19 14:09:44.420 MAC Address: 00:04:FB:00:02:EA  
 2014-11-19 14:09:44.420 Disk Size: 20000669696  
 2014-11-19 14:09:44.420 Percent of 1177 data files in use: 43.4  
 2014-11-19 14:09:44.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-19 14:09:44.420 Channel Sensitivities (uV per count):  
 2014-11-19 14:09:44.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-19 14:09:44.420 Digitizer Calibration Results:  
 2014-11-19 14:09:44.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-19 14:09:44.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-19 14:09:44.420 DMU1 Software Version=10  
 2014-11-19 14:09:44.420 Supply Voltage=12.7  
 2014-11-19 14:09:44.420 Supply Current=0.41  
 2014-11-19 14:09:44.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-19 14:09:44.420 WebLink Data Maps Restored  
 2014-11-19 14:09:44.420 [2014-11-19 01:59:45.000000] sequence resumes: 19612494 to 19612494  
 2014-11-19 14:09:44.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-19 14:09:43  
 2014-11-19 14:15:20.780 Reducing Status Polling Interval  
 2014-11-19 14:15:20.780 [2014-11-19 14:15:19.999998] total packets received: 49178  
 2014-11-19 14:15:20.780 [2014-11-19 14:15:19.999998] command timeouts: 6  
 2014-11-19 14:15:20.780 [2014-11-19 14:15:19.999998] out of window: 49  
 2014-11-19 14:15:20.780 written: HHZ-1174 HH1-1435 HH2-1465 BDH-458 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-11-19 14:15:20.780 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-27 LH2-29 LDH-37  
 VMZ-2 VM1-2  
 2014-11-19 14:15:20.780 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-11-19 14:15:20.780 [2014-11-19 14:15:19.999998] Done: 4692 recs. seq end: 19656629. run: 332 s  
 2014-11-20 02:16:14.390  
 2014-11-20 02:16:14.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-20 02:16:14.390 Control Port 2491 Opened  
 2014-11-20 02:16:14.390 Baler ready on Ethernet  
 2014-11-20 02:16:14.390 Power Cycled Baler Acknowledged  
 2014-11-20 02:16:14.390 Commands Accepted by Q330  
 2014-11-20 02:16:14.390 Access timeout: 300 sec  
 2014-11-20 02:16:14.390 Control Port 4023 Opened  
 2014-11-20 02:16:14.390 Data Port 4024 Opened  
 2014-11-20 02:16:14.390 Registered with Q330  
 2014-11-20 02:16:14.390 Combination Record Received  
 2014-11-20 02:16:14.390 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-20 02:16:14.390 Link Reset, starting window sequence: 32190  
 2014-11-20 02:16:14.390 GPS Receiver ID Received  
 2014-11-20 02:16:14.390 Manufacturer's Data Received, Property Tag=2017  
 2014-11-20 02:16:14.390 Digitizer Gain & Offsets Received  
 2014-11-20 02:16:14.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4692 recs. seq end: 19656629  
 2014-11-20 02:16:14.390 Baler clock set to 2014-11-20 02:16:13  
 2014-11-20 02:16:14.390 Starting to Read DP Tokens  
 2014-11-20 02:16:14.390 DP Tokens loaded, size=1474 bytes

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2014-11-20 02:16:14.390 webserver advertising 192.168.200.119:5380  
 2014-11-20 02:16:14.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-20 02:16:14.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-20 02:16:14.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-20 02:16:14.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-20 02:16:14.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-20 02:16:14.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-20 02:16:14.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-20 02:16:14.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-20 02:16:14.390 [2014-11-19 14:15:19.999998] continuity found: 19656629  
 469721720.000000 Q=100  
 2014-11-20 02:16:14.390 [2014-11-19 14:15:19.999998] restoring continuity  
 2014-11-20 02:16:14.390 Sending DT\_OPEN  
 2014-11-20 02:16:14.390 Station: XX-2017  
 2014-11-20 02:16:14.390 Q330 Serial Number: 0100000DB18FC351  
 2014-11-20 02:16:14.390 AMB Serial Number: 0100000B6909DD82  
 2014-11-20 02:16:14.390 Seismo 1 Serial Number: 0000000000000000  
 2014-11-20 02:16:14.390 Seismo 2 Serial Number: 0000000000000000  
 2014-11-20 02:16:14.390 QAPCHP 1 Serial Number: 4643206  
 2014-11-20 02:16:14.390 QAPCHP 2 Serial Number: 3743050  
 2014-11-20 02:16:14.390 KMI Property Tag Number: 2017  
 2014-11-20 02:16:14.390 System Software Version: 1.146  
 2014-11-20 02:16:14.390 Slave Processor Version: 1.11  
 2014-11-20 02:16:14.390 Calibrator Type: QCAL330  
 2014-11-20 02:16:14.390 Calibrator Version: 1.8  
 2014-11-20 02:16:14.390 Auxiliary Board Type: None  
 2014-11-20 02:16:14.390 Clock Type: Motorola M12  
 2014-11-20 02:16:14.390 PLD Version: 7.9  
 2014-11-20 02:16:14.390 Total Hours: 70614.81  
 2014-11-20 02:16:14.390 Power On Hours: 35245.20  
 2014-11-20 02:16:14.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-20 02:16:14.390 Total Number of Boots: 120  
 2014-11-20 02:16:14.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-20 02:16:14.390 Total Number of Re-Syncs: 213  
 2014-11-20 02:16:14.390 Status Inputs: 00000000  
 2014-11-20 02:16:14.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-20 02:16:14.390 Clock Quality: 100%  
 2014-11-20 02:16:14.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-20 02:16:14.390 Clock Phase: 0 usec. max allowed=50000  
 2014-11-20 02:16:14.390 Boom positions:  
 2014-11-20 02:16:14.390 Ch1: -2 Ch2: -1 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-20 02:16:14.390 Analog Status  
 2014-11-20 02:16:14.390 Analog Positive Supply: 5.46V  
 2014-11-20 02:16:14.390 Input Voltage: 13.20V  
 2014-11-20 02:16:14.390 System Temperature: 5C  
 2014-11-20 02:16:14.390 Main Current: 62ma  
 2014-11-20 02:16:14.390 Antenna Current: 0ma  
 2014-11-20 02:16:14.390 GPS Status  
 2014-11-20 02:16:14.390 Time: 02:16:12  
 2014-11-20 02:16:14.390 Date:  
 2014-11-20 02:16:14.390 Fix Type: 1-D  
 2014-11-20 02:16:14.390 Height:  
 2014-11-20 02:16:14.390 Latitude:  
 2014-11-20 02:16:14.390 Longitude:  
 2014-11-20 02:16:14.390 On Time: 0min  
 2014-11-20 02:16:14.390 Sat. Used: 0  
 2014-11-20 02:16:14.390 In View: 0  
 2014-11-20 02:16:14.390 Checksum Errors: 0  
 2014-11-20 02:16:14.390 Last GPS timemark: 2014-11-20 02:16:11  
 2014-11-20 02:16:14.390 PLL Status  
 2014-11-20 02:16:14.390 State: Lock  
 2014-11-20 02:16:14.390 Initial VCO: 2200.974121  
 2014-11-20 02:16:14.390 Time Error: 0.000000

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2014-11-20 02:16:14.390 RMS VCO: 0.0000000  
 2014-11-20 02:16:14.390 Best VCO: 2200.98  
 2014-11-20 02:16:14.390 Seconds Since Track or Lock: 0.0  
 2014-11-20 02:16:14.390 Vco Control: 2201  
 2014-11-20 02:16:14.390 timing mode: external seascan  
 2014-11-20 02:16:14.390 tempco normal  
 2014-11-20 02:16:14.390 PLL update: 10s PLL lock criterion: 5us  
 2014-11-20 02:16:14.390 Pfrac: 150.00  
 2014-11-20 02:16:14.390 VCO slope: -0.0175000  
 2014-11-20 02:16:14.390 VCO intercept: 7.1100001  
 2014-11-20 02:16:14.390 Km delta: 600.0000000  
 2014-11-20 02:16:14.390 Logical Port 4 Status  
 2014-11-20 02:16:14.390 Data Packets Sent: 22644451  
 2014-11-20 02:16:14.390 Flood Packets Sent: 0  
 2014-11-20 02:16:14.390 Packets Re-Sent: 36036  
 2014-11-20 02:16:14.390 Sequence Errors: 0  
 2014-11-20 02:16:14.390 Packet Buffer Used: 22623104  
 2014-11-20 02:16:14.390 Physical Port: Ethernet  
 2014-11-20 02:16:14.390 Baler Model: 14 Software Version: 2.28  
 2014-11-20 02:16:14.390 MAC Address: 00:04:FB:00:02:EA  
 2014-11-20 02:16:14.390 Disk Size: 20000669696  
 2014-11-20 02:16:14.390 Percent of 1177 data files in use: 43.5  
 2014-11-20 02:16:14.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-20 02:16:14.390 Channel Sensitivities (uV per count):  
 2014-11-20 02:16:14.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-20 02:16:14.390 Digitizer Calibration Results:  
 2014-11-20 02:16:14.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-20 02:16:14.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-20 02:16:14.390 DMU1 Software Version=10  
 2014-11-20 02:16:14.390 Supply Voltage=12.6  
 2014-11-20 02:16:14.390 Supply Current=0.41  
 2014-11-20 02:16:14.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-20 02:16:14.390 WebLink Data Maps Restored  
 2014-11-20 02:16:14.390 [2014-11-19 14:15:19.999998] sequence resumes: 19656629 to  
 19656629  
 2014-11-20 02:16:14.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-20 02:16:13  
 2014-11-20 02:20:42.320 [2014-11-20 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-11-20 02:21:50.210 Reducing Status Polling Interval  
 2014-11-20 02:21:50.210 [2014-11-20 02:21:49.000000] total packets received: 50671  
 2014-11-20 02:21:50.210 [2014-11-20 02:21:49.000000] command timeouts: 6  
 2014-11-20 02:21:50.210 [2014-11-20 02:21:49.000000] out of window: 64  
 2014-11-20 02:21:50.210 written: HHZ-1185 HH1-1408 HH2-1444 BDH-441 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-11-20 02:21:50.210 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-28  
 VMZ-1 VM1-1  
 2014-11-20 02:21:50.210 written: VM2-1 LOG-3 ACE-2 OCF-2  
 2014-11-20 02:21:50.210 [2014-11-20 02:21:49.000000] Done: 4621 recs. seq end:  
 19700218. run: 331 s  
 2014-11-20 14:22:42.380  
 2014-11-20 14:22:42.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-20 14:22:42.380 Control Port 2491 Opened  
 2014-11-20 14:22:42.380 Baler ready on Ethernet  
 2014-11-20 14:22:42.380 Power Cycled Baler Acknowledged  
 2014-11-20 14:22:42.380 Commands Accepted by Q330  
 2014-11-20 14:22:42.380 Access timeout: 300 sec  
 2014-11-20 14:22:42.380 Control Port 4023 Opened  
 2014-11-20 14:22:42.380 Data Port 4024 Opened  
 2014-11-20 14:22:42.380 Registered with Q330  
 2014-11-20 14:22:42.380 Combination Record Received  
 2014-11-20 14:22:42.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-20 14:22:42.380 Link Reset, starting window sequence: 17224

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2014-11-20 14:22:42.380 GPS Receiver ID Received  
 2014-11-20 14:22:42.380 Manufacturer's Data Received, Property Tag=2017  
 2014-11-20 14:22:42.380 Digitizer Gain & Offsets Received  
 2014-11-20 14:22:42.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4621 recs.  
 seq end: 19700218  
 2014-11-20 14:22:42.380 Baler clock set to 2014-11-20 14:22:41  
 2014-11-20 14:22:42.380 Starting to Read DP Tokens  
 2014-11-20 14:22:42.380 DP Tokens loaded, size=1474 bytes  
 2014-11-20 14:22:42.380 Webserver advertising 192.168.200.119:5380  
 2014-11-20 14:22:42.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-20 14:22:42.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-20 14:22:42.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-20 14:22:42.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-20 14:22:42.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-20 14:22:42.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-20 14:22:42.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-20 14:22:42.380 [2014-11-20 02:21:49.000000] continuity found: 19700218  
 469765309.000000 Q=100  
 2014-11-20 14:22:42.380 [2014-11-20 02:21:49.000000] restoring continuity  
 2014-11-20 14:22:42.380 Sending DT\_OPEN  
 2014-11-20 14:22:42.380 Station: XX-2017  
 2014-11-20 14:22:42.380 Q330 Serial Number: 0100000DB18FC351  
 2014-11-20 14:22:42.380 AMB Serial Number: 0100000B6909DD82  
 2014-11-20 14:22:42.380 Seismo 1 Serial Number: 0000000000000000  
 2014-11-20 14:22:42.380 Seismo 2 Serial Number: 0000000000000000  
 2014-11-20 14:22:42.380 QAPCHP 1 Serial Number: 4643206  
 2014-11-20 14:22:42.380 QAPCHP 2 Serial Number: 3743050  
 2014-11-20 14:22:42.380 KMI Property Tag Number: 2017  
 2014-11-20 14:22:42.380 System Software Version: 1.146  
 2014-11-20 14:22:42.380 Slave Processor Version: 1.11  
 2014-11-20 14:22:42.380 Calibrator Type: QCAL330  
 2014-11-20 14:22:42.380 Calibrator Version: 1.8  
 2014-11-20 14:22:42.380 Auxiliary Board Type: None  
 2014-11-20 14:22:42.380 Clock Type: Motorola M12  
 2014-11-20 14:22:42.380 PLD Version: 7.9  
 2014-11-20 14:22:42.380 Total Hours: 70626.92  
 2014-11-20 14:22:42.380 Power On Hours: 35257.31  
 2014-11-20 14:22:42.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-20 14:22:42.380 Total Number of Boots: 120  
 2014-11-20 14:22:42.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-20 14:22:42.380 Total Number of Re-Syncs: 213  
 2014-11-20 14:22:42.380 Status Inputs: 00000000  
 2014-11-20 14:22:42.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-20 14:22:42.380 Clock Quality: 100%  
 2014-11-20 14:22:42.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-20 14:22:42.380 Clock Phase: 0 usec. max allowed=50000  
 2014-11-20 14:22:42.380 Boom positions:  
 2014-11-20 14:22:42.380 Ch1: -2 Ch2: -1 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-20 14:22:42.380 Analog Status  
 2014-11-20 14:22:42.380 Analog Positive Supply: 5.46V  
 2014-11-20 14:22:42.380 Input Voltage: 13.35V  
 2014-11-20 14:22:42.380 System Temperature: 5C  
 2014-11-20 14:22:42.380 Main Current: 61ma  
 2014-11-20 14:22:42.380 Antenna Current: 0ma  
 2014-11-20 14:22:42.380 GPS Status  
 2014-11-20 14:22:42.380 Time: 14:22:41  
 2014-11-20 14:22:42.380 Date:  
 2014-11-20 14:22:42.380 Fix Type: 1-D  
 2014-11-20 14:22:42.380 Height:  
 2014-11-20 14:22:42.380 Latitude:  
 2014-11-20 14:22:42.380 Longitude:  
 2014-11-20 14:22:42.380 On Time: 0min  
 2014-11-20 14:22:42.380 Sat. Used: 0

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2014-11-20 14:22:42.380 In View: 0  
 2014-11-20 14:22:42.380 Checksum Errors: 0  
 2014-11-20 14:22:42.380 Last GPS timemark: 2014-11-20 14:22:40  
 2014-11-20 14:22:42.380 PLL Status  
 2014-11-20 14:22:42.380 State: Lock  
 2014-11-20 14:22:42.380 Initial VCO: 2200.736572  
 2014-11-20 14:22:42.380 Time Error: 0.000000  
 2014-11-20 14:22:42.380 RMS VCO: 0.000000  
 2014-11-20 14:22:42.380 Best VCO: 2201.01  
 2014-11-20 14:22:42.380 Seconds Since Track or Lock: 0.0  
 2014-11-20 14:22:42.380 Vco Control: 2201  
 2014-11-20 14:22:42.380 timing mode: external seascan  
 2014-11-20 14:22:42.380 tempco normal  
 2014-11-20 14:22:42.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-20 14:22:42.380 Pfrac: 150.00  
 2014-11-20 14:22:42.380 VCO slope: -0.0175000  
 2014-11-20 14:22:42.380 VCO intercept: 7.1100001  
 2014-11-20 14:22:42.380 km delta: 600.0000000  
 2014-11-20 14:22:42.380 Logical Port 4 Status  
 2014-11-20 14:22:42.380 Data Packets Sent: 22695027  
 2014-11-20 14:22:42.380 Flood Packets Sent: 0  
 2014-11-20 14:22:42.380 Packets Re-Sent: 36112  
 2014-11-20 14:22:42.380 Sequence Errors: 0  
 2014-11-20 14:22:42.380 Packet Buffer Used: 22286632  
 2014-11-20 14:22:42.380 Physical Port: Ethernet  
 2014-11-20 14:22:42.380 Baler Model: 14 Software Version: 2.28  
 2014-11-20 14:22:42.380 MAC Address: 00:04:FB:00:02:EA  
 2014-11-20 14:22:42.380 Disk Size: 20000669696  
 2014-11-20 14:22:42.380 Percent of 1177 data files in use: 43.7  
 2014-11-20 14:22:42.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-20 14:22:42.380 Channel Sensitivities (uV per count):  
 2014-11-20 14:22:42.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-20 14:22:42.380 Digitizer Calibration Results:  
 2014-11-20 14:22:42.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-20 14:22:42.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-20 14:22:42.380 DMU1 Software Version=10  
 2014-11-20 14:22:42.380 Supply Voltage=12.7  
 2014-11-20 14:22:42.380 Supply Current=0.42  
 2014-11-20 14:22:42.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-20 14:22:42.380 WebLink Data Maps Restored  
 2014-11-20 14:22:42.380 [2014-11-20 02:21:49.000000] sequence resumes: 19700218 to 19700218  
 2014-11-20 14:22:42.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-20 14:22:41  
 2014-11-20 14:28:11.610 Reducing Status Polling Interval  
 2014-11-20 14:28:11.610 [2014-11-20 14:28:10.999998] total packets received: 47714  
 2014-11-20 14:28:11.610 [2014-11-20 14:28:10.999998] command timeouts: 6  
 2014-11-20 14:28:11.610 [2014-11-20 14:28:10.999998] out of window: 61  
 2014-11-20 14:28:11.610 written: HHZ-1131 HH1-1435 HH2-1406 BDH-435 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-20 14:28:11.610 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-11-20 14:28:11.610 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-11-20 14:28:11.610 [2014-11-20 14:28:10.999998] Done: 4550 recs. seq end: 19743800. run: 325 s  
 2014-11-21 02:29:04.390  
 2014-11-21 02:29:04.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-21 02:29:04.390 Control Port 2491 Opened  
 2014-11-21 02:29:04.390 Baler ready on Ethernet  
 2014-11-21 02:29:04.390 Power Cycled Baler Acknowledged  
 2014-11-21 02:29:04.390 Commands Accepted by Q330  
 2014-11-21 02:29:04.390 Access timeout: 300 sec  
 2014-11-21 02:29:04.390 Control Port 4023 Opened

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2014-11-21 02:29:04.390 Data Port 4024 Opened
2014-11-21 02:29:04.390 Registered with Q330
2014-11-21 02:29:04.390 Combination Record Received
2014-11-21 02:29:04.390 Window=4    Min. Timeout=10    Max. Timeout=30
2014-11-21 02:29:04.390 Link Reset, starting window sequence: 64842
2014-11-21 02:29:04.390 GPS Receiver ID Received
2014-11-21 02:29:04.390 Manufacturer's Data Received, Property Tag=2017
2014-11-21 02:29:04.390 Digitizer Gain & Offsets Received
2014-11-21 02:29:04.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4550 recs.
seq end: 19743800
2014-11-21 02:29:04.390 Baler clock set to 2014-11-21 02:29:03
2014-11-21 02:29:04.390 Starting to Read DP Tokens
2014-11-21 02:29:04.390 DP Tokens loaded, size=1474 bytes
2014-11-21 02:29:04.390 webserver advertising 192.168.200.119:5380
2014-11-21 02:29:04.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-21 02:29:04.390 filters & delay HH1:2@100,Linear all=0.320000
2014-11-21 02:29:04.390 filters & delay HH2:3@100,Linear all=0.320000
2014-11-21 02:29:04.390 filters & delay BDH:4@20,Linear all=1.650000
2014-11-21 02:29:04.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-21 02:29:04.390 filters & delay LH1:2@1,Linear all=15.000000
2014-11-21 02:29:04.390 filters & delay LH2:3@1,Linear all=15.000000
2014-11-21 02:29:04.390 filters & delay LDH:4@1,Linear all=15.000000
2014-11-21 02:29:04.390 [2014-11-20 14:28:10.999998] continuity found: 19743800
469808891.000000 Q=100
2014-11-21 02:29:04.390 [2014-11-20 14:28:10.999998] restoring continuity
2014-11-21 02:29:04.390 Sending DT_OPEN
2014-11-21 02:29:04.390 Station: XX-2017
2014-11-21 02:29:04.390 Q330 Serial Number: 0100000DB18FC351
2014-11-21 02:29:04.390 AMB Serial Number: 0100000B6909DD82
2014-11-21 02:29:04.390 Seismo 1 Serial Number: 0000000000000000
2014-11-21 02:29:04.390 Seismo 2 Serial Number: 0000000000000000
2014-11-21 02:29:04.390 QAPCHP 1 Serial Number: 4643206
2014-11-21 02:29:04.390 QAPCHP 2 Serial Number: 3743050
2014-11-21 02:29:04.390 KMI Property Tag Number: 2017
2014-11-21 02:29:04.390 System Software Version: 1.146
2014-11-21 02:29:04.390 Slave Processor Version: 1.11
2014-11-21 02:29:04.390 Calibrator Type: QCAL330
2014-11-21 02:29:04.390 Calibrator Version: 1.8
2014-11-21 02:29:04.390 Auxiliary Board Type: None
2014-11-21 02:29:04.390 Clock Type: Motorola M12
2014-11-21 02:29:04.390 PLD Version: 7.9
2014-11-21 02:29:04.390 Total Hours: 70639.03
2014-11-21 02:29:04.390 Power On Hours: 35269.41
2014-11-21 02:29:04.390 Time of Last Boot: 2014-04-06 02:03:58
2014-11-21 02:29:04.390 Total Number of Boots: 120
2014-11-21 02:29:04.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-21 02:29:04.390 Total Number of Re-Syncs: 213
2014-11-21 02:29:04.390 Status Inputs: 00000000
2014-11-21 02:29:04.390 AC OK: Off,    Input 1,2: Off,Off,    Analog Fault: Off
2014-11-21 02:29:04.390 Clock Quality: 100%
2014-11-21 02:29:04.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-21 02:29:04.390 Clock Phase: 1 usec. max allowed=50000
2014-11-21 02:29:04.390 Boom positions:
2014-11-21 02:29:04.390 ch1: -2 ch2: -2 ch3: 9 ch4: 20 ch5: 20 ch6: 20
2014-11-21 02:29:04.390 Analog Status
2014-11-21 02:29:04.390 Analog Positive Supply: 5.46V
2014-11-21 02:29:04.390 Input Voltage: 13.20V
2014-11-21 02:29:04.390 System Temperature: 5C
2014-11-21 02:29:04.390 Main Current: 62ma
2014-11-21 02:29:04.390 Antenna Current: 0ma
2014-11-21 02:29:04.390 GPS Status
2014-11-21 02:29:04.390 Time: 02:29:03
2014-11-21 02:29:04.390 Date:

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2014-11-21 02:29:04.390 Fix Type: 1-D
2014-11-21 02:29:04.390 Height:
2014-11-21 02:29:04.390 Latitude:
2014-11-21 02:29:04.390 Longitude:
2014-11-21 02:29:04.390 On Time: 0min
2014-11-21 02:29:04.390 Sat. Used: 0
2014-11-21 02:29:04.390 In View: 0
2014-11-21 02:29:04.390 Checksum Errors: 0
2014-11-21 02:29:04.390 Last GPS timemark: 2014-11-21 02:29:02
2014-11-21 02:29:04.390 PLL Status
2014-11-21 02:29:04.390 State: Lock
2014-11-21 02:29:04.390 Initial VCO: 2200.080322
2014-11-21 02:29:04.390 Time Error: 0.000000
2014-11-21 02:29:04.390 RMS VCO: 0.000000
2014-11-21 02:29:04.390 Best VCO: 2200.05
2014-11-21 02:29:04.390 Seconds Since Track or Lock: 0.0
2014-11-21 02:29:04.390 Vco Control: 2200
2014-11-21 02:29:04.390 timing mode: external seascan
2014-11-21 02:29:04.390 tempco normal
2014-11-21 02:29:04.390 PLL update: 10s PLL lock criterion: 5us
2014-11-21 02:29:04.390 Pfrac: 150.00
2014-11-21 02:29:04.390 VCO slope: -0.0175000
2014-11-21 02:29:04.390 VCO intercept: 7.1100001
2014-11-21 02:29:04.390 km delta: 600.0000000
2014-11-21 02:29:04.390 Logical Port 4 Status
2014-11-21 02:29:04.390 Data Packets Sent: 22742650
2014-11-21 02:29:04.390 Flood Packets Sent: 0
2014-11-21 02:29:04.390 Packets Re-Sent: 36188
2014-11-21 02:29:04.390 Sequence Errors: 0
2014-11-21 02:29:04.390 Packet Buffer Used: 22927808
2014-11-21 02:29:04.390 Physical Port: Ethernet
2014-11-21 02:29:04.390 Baler Model: 14 Software Version: 2.28
2014-11-21 02:29:04.390 MAC Address: 00:04:FB:00:02:EA
2014-11-21 02:29:04.390 Disk Size: 20000669696
2014-11-21 02:29:04.390 Percent of 1177 data files in use: 43.8
2014-11-21 02:29:04.390 Channels Enabled: 1234 Preamps ON channels:
2014-11-21 02:29:04.390 Channel Sensitivities (uV per count):
2014-11-21 02:29:04.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-21 02:29:04.390 Digitizer Calibration Results:
2014-11-21 02:29:04.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-21 02:29:04.390 DMU1 Software Version=10
2014-11-21 02:29:04.390 Supply Voltage=12.6
2014-11-21 02:29:04.390 Supply Current=0.41
2014-11-21 02:29:04.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-21 02:29:04.390 WebLink Data Maps Restored
2014-11-21 02:29:04.390 [2014-11-20 14:28:10.999998] sequence resumes: 19743800 to
19743800
2014-11-21 02:29:04.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-21 02:29:03
2014-11-21 02:33:30.560 [2014-11-21 00:00:00.000000] Saving Configuration to Backup
Memory
2014-11-21 02:34:45.640 Reducing Status Polling Interval
2014-11-21 02:34:45.640 [2014-11-21 02:34:45.000000] total packets received: 53217
2014-11-21 02:34:45.640 [2014-11-21 02:34:45.000000] command timeouts: 6
2014-11-21 02:34:45.640 [2014-11-21 02:34:45.000000] out of window: 66
2014-11-21 02:34:45.640 written: HHZ-1206 HH1-1437 HH2-1472 BDH-440 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-11-21 02:34:45.640 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-11-21 02:34:45.640 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-11-21 02:34:45.640 [2014-11-21 02:34:45.000000] Done: 4699 recs. seq end:
19787394. run: 337 s
2014-11-21 14:35:40.400

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2014-11-21 14:35:40.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-21 14:35:40.400 Control Port 2491 Opened  
 2014-11-21 14:35:40.400 Baler ready on Ethernet  
 2014-11-21 14:35:40.400 Power Cycled Baler Acknowledged  
 2014-11-21 14:35:40.400 Commands Accepted by Q330  
 2014-11-21 14:35:40.400 Access timeout: 300 sec  
 2014-11-21 14:35:40.400 Control Port 4023 Opened  
 2014-11-21 14:35:40.400 Data Port 4024 Opened  
 2014-11-21 14:35:40.400 Registered with Q330  
 2014-11-21 14:35:40.400 Combination Record Received  
 2014-11-21 14:35:40.400 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-21 14:35:40.400 Link Reset, starting window sequence: 52420  
 2014-11-21 14:35:40.400 GPS Receiver ID Received  
 2014-11-21 14:35:40.400 Manufacturer's Data Received, Property Tag=2017  
 2014-11-21 14:35:40.400 Digitizer Gain & Offsets Received  
 2014-11-21 14:35:40.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4699 recs.  
 seq end: 19787394  
 2014-11-21 14:35:40.400 Baler clock set to 2014-11-21 14:35:39  
 2014-11-21 14:35:40.400 Starting to Read DP Tokens  
 2014-11-21 14:35:40.400 DP Tokens loaded, size=1474 bytes  
 2014-11-21 14:35:40.400 Webserver advertising 192.168.200.119:5380  
 2014-11-21 14:35:40.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-21 14:35:40.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-21 14:35:40.400 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-21 14:35:40.400 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-21 14:35:40.400 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-21 14:35:40.400 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-21 14:35:40.400 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-21 14:35:40.400 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-21 14:35:40.400 [2014-11-21 02:34:45.000000] continuity found: 19787394  
 469852485.000000 Q=100  
 2014-11-21 14:35:40.400 [2014-11-21 02:34:45.000000] restoring continuity  
 2014-11-21 14:35:40.400 Sending DT\_OPEN  
 2014-11-21 14:35:40.400 Station: XX-2017  
 2014-11-21 14:35:40.400 Q330 Serial Number: 0100000DB18FC351  
 2014-11-21 14:35:40.400 AMB Serial Number: 0100000B6909DD82  
 2014-11-21 14:35:40.400 Seismo 1 Serial Number: 0000000000000000  
 2014-11-21 14:35:40.400 Seismo 2 Serial Number: 0000000000000000  
 2014-11-21 14:35:40.400 QAPCHP 1 Serial Number: 4643206  
 2014-11-21 14:35:40.400 QAPCHP 2 Serial Number: 3743050  
 2014-11-21 14:35:40.400 KMI Property Tag Number: 2017  
 2014-11-21 14:35:40.400 System Software Version: 1.146  
 2014-11-21 14:35:40.400 Slave Processor Version: 1.11  
 2014-11-21 14:35:40.400 Calibrator Type: QCAL330  
 2014-11-21 14:35:40.400 Calibrator Version: 1.8  
 2014-11-21 14:35:40.400 Auxiliary Board Type: None  
 2014-11-21 14:35:40.400 Clock Type: Motorola M12  
 2014-11-21 14:35:40.400 PLD Version: 7.9  
 2014-11-21 14:35:40.400 Total Hours: 70651.14  
 2014-11-21 14:35:40.400 Power On Hours: 35281.52  
 2014-11-21 14:35:40.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-21 14:35:40.400 Total Number of Boots: 120  
 2014-11-21 14:35:40.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-21 14:35:40.400 Total Number of Re-Syncs: 213  
 2014-11-21 14:35:40.400 Status Inputs: 00000000  
 2014-11-21 14:35:40.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-21 14:35:40.400 Clock Quality: 100%  
 2014-11-21 14:35:40.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-21 14:35:40.400 Clock Phase: 1 usec. max allowed=50000  
 2014-11-21 14:35:40.400 Boom positions:  
 2014-11-21 14:35:40.400 Ch1: -2 Ch2: -1 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-21 14:35:40.400 Analog Status  
 2014-11-21 14:35:40.400 Analog Positive Supply: 5.46V

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2014-11-21 14:35:40.400 Input Voltage: 13.35V
2014-11-21 14:35:40.400 System Temperature: 5C
2014-11-21 14:35:40.400 Main Current: 62ma
2014-11-21 14:35:40.400 Antenna Current: 0ma
2014-11-21 14:35:40.400 GPS Status
2014-11-21 14:35:40.400 Time: 14:35:39
2014-11-21 14:35:40.400 Date:
2014-11-21 14:35:40.400 Fix Type: 1-D
2014-11-21 14:35:40.400 Height:
2014-11-21 14:35:40.400 Latitude:
2014-11-21 14:35:40.400 Longitude:
2014-11-21 14:35:40.400 On Time: 0min
2014-11-21 14:35:40.400 Sat. Used: 0
2014-11-21 14:35:40.400 In View: 0
2014-11-21 14:35:40.400 Checksum Errors: 0
2014-11-21 14:35:40.400 Last GPS timemark: 2014-11-21 14:35:38
2014-11-21 14:35:40.400 PLL Status
2014-11-21 14:35:40.400 State: Lock
2014-11-21 14:35:40.400 Initial VCO: 2200.519531
2014-11-21 14:35:40.400 Time Error: -0.000001
2014-11-21 14:35:40.400 RMS VCO: 0.0000000
2014-11-21 14:35:40.400 Best VCO: 2200.83
2014-11-21 14:35:40.400 Seconds Since Track or Lock: 0.0
2014-11-21 14:35:40.400 Vco Control: 2201
2014-11-21 14:35:40.400 timing mode: external seascan
2014-11-21 14:35:40.400 tempco normal
2014-11-21 14:35:40.400 PLL update: 10s PLL lock criterion: 5us
2014-11-21 14:35:40.400 Pfrac: 150.00
2014-11-21 14:35:40.400 VCO slope: -0.0175000
2014-11-21 14:35:40.400 VCO intercept: 7.1100001
2014-11-21 14:35:40.400 Km delta: 600.0000000
2014-11-21 14:35:40.400 Logical Port 4 Status
2014-11-21 14:35:40.400 Data Packets Sent: 22795770
2014-11-21 14:35:40.400 Flood Packets Sent: 0
2014-11-21 14:35:40.400 Packets Re-Sent: 36272
2014-11-21 14:35:40.400 Sequence Errors: 0
2014-11-21 14:35:40.400 Packet Buffer Used: 21992840
2014-11-21 14:35:40.400 Physical Port: Ethernet
2014-11-21 14:35:40.400 Baler Model: 14 Software Version: 2.28
2014-11-21 14:35:40.400 MAC Address: 00:04:FB:00:02:EA
2014-11-21 14:35:40.400 Disk Size: 20000669696
2014-11-21 14:35:40.400 Percent of 1177 data files in use: 43.8
2014-11-21 14:35:40.400 Channels Enabled: 1234 Preamps ON channels:
2014-11-21 14:35:40.400 Channel Sensitivities (uV per count):
2014-11-21 14:35:40.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-21 14:35:40.400 Digitizer Calibration Results:
2014-11-21 14:35:40.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-21 14:35:40.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-21 14:35:40.400 DMU1 Software Version=10
2014-11-21 14:35:40.400 Supply Voltage=12.7
2014-11-21 14:35:40.400 Supply Current=0.41
2014-11-21 14:35:40.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-21 14:35:40.400 WebLink Data Maps Restored
2014-11-21 14:35:40.400 [2014-11-21 02:34:45.000000] sequence resumes: 19787394 to
19787394
2014-11-21 14:35:40.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-21 14:35:39
2014-11-21 14:41:08.690 Reducing Status Polling Interval
2014-11-21 14:41:08.690 [2014-11-21 14:41:07.999998] total packets received: 46079
2014-11-21 14:41:08.690 [2014-11-21 14:41:07.999998] command timeouts: 6
2014-11-21 14:41:08.690 [2014-11-21 14:41:07.999998] out of window: 72
2014-11-21 14:41:08.690 written: HHZ-1147 HH1-1349 HH2-1388 BDH-444 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1

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2014-11-21 14:41:08.690 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26 VMZ-1 VM1-1

2014-11-21 14:41:08.690 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1

2014-11-21 14:41:08.690 [2014-11-21 14:41:07.999998] Done: 4465 recs. seq end: 19830977. run: 323 s

2014-11-22 02:42:00.380

2014-11-22 02:42:00.380 Quanterra Packet Baler Model 14 Restart. Version 2.28

2014-11-22 02:42:00.380 Control Port 2491 Opened

2014-11-22 02:42:00.380 Baler ready on Ethernet

2014-11-22 02:42:00.380 Power Cycled Baler Acknowledged

2014-11-22 02:42:00.380 Commands Accepted by Q330

2014-11-22 02:42:00.380 Access timeout: 300 sec

2014-11-22 02:42:00.380 Control Port 4023 Opened

2014-11-22 02:42:00.380 Data Port 4024 Opened

2014-11-22 02:42:00.380 Registered with Q330

2014-11-22 02:42:00.380 Combination Record Received

2014-11-22 02:42:00.380 window=4 Min. Timeout=10 Max. Timeout=30

2014-11-22 02:42:00.380 Link Reset, starting window sequence: 32856

2014-11-22 02:42:00.380 GPS Receiver ID Received

2014-11-22 02:42:00.380 Manufacturer's Data Received, Property Tag=2017

2014-11-22 02:42:00.380 Digitizer Gain & Offsets Received

2014-11-22 02:42:00.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4465 recs. seq end: 19830977

2014-11-22 02:42:00.380 Baler clock set to 2014-11-22 02:41:59

2014-11-22 02:42:00.380 Starting to Read DP Tokens

2014-11-22 02:42:00.380 DP Tokens loaded, size=1474 bytes

2014-11-22 02:42:00.380 Webserver advertising 192.168.200.119:5380

2014-11-22 02:42:00.380 filters & delay HHZ:1@100,Linear all=0.320000

2014-11-22 02:42:00.380 filters & delay HH1:2@100,Linear all=0.320000

2014-11-22 02:42:00.380 filters & delay HH2:3@100,Linear all=0.320000

2014-11-22 02:42:00.380 filters & delay BDH:4@20,Linear all=1.650000

2014-11-22 02:42:00.380 filters & delay LHZ:1@1,Linear all=15.000000

2014-11-22 02:42:00.380 filters & delay LH1:2@1,Linear all=15.000000

2014-11-22 02:42:00.380 filters & delay LH2:3@1,Linear all=15.000000

2014-11-22 02:42:00.380 filters & delay LDH:4@1,Linear all=15.000000

2014-11-22 02:42:00.380 [2014-11-21 14:41:07.999998] continuity found: 19830977

469896068.000000 Q=100

2014-11-22 02:42:00.380 [2014-11-21 14:41:07.999998] restoring continuity

2014-11-22 02:42:00.380 Sending DT\_OPEN

2014-11-22 02:42:00.380 Station: XX-2017

2014-11-22 02:42:00.380 Q330 Serial Number: 0100000DB18FC351

2014-11-22 02:42:00.380 AMB Serial Number: 0100000B6909DD82

2014-11-22 02:42:00.380 Seismo 1 Serial Number: 0000000000000000

2014-11-22 02:42:00.380 Seismo 2 Serial Number: 0000000000000000

2014-11-22 02:42:00.380 QAPCHP 1 Serial Number: 4643206

2014-11-22 02:42:00.380 QAPCHP 2 Serial Number: 3743050

2014-11-22 02:42:00.380 KMI Property Tag Number: 2017

2014-11-22 02:42:00.380 System Software Version: 1.146

2014-11-22 02:42:00.380 Slave Processor Version: 1.11

2014-11-22 02:42:00.380 Calibrator Type: QCAL330

2014-11-22 02:42:00.380 Calibrator Version: 1.8

2014-11-22 02:42:00.380 Auxiliary Board Type: None

2014-11-22 02:42:00.380 Clock Type: Motorola M12

2014-11-22 02:42:00.380 PLD Version: 7.9

2014-11-22 02:42:00.380 Total Hours: 70663.24

2014-11-22 02:42:00.380 Power On Hours: 35293.63

2014-11-22 02:42:00.380 Time of Last Boot: 2014-04-06 02:03:58

2014-11-22 02:42:00.380 Total Number of Boots: 120

2014-11-22 02:42:00.380 Time of Last Re-Sync: 2014-04-06 02:17:08

2014-11-22 02:42:00.380 Total Number of Re-Syncs: 213

2014-11-22 02:42:00.380 Status Inputs: 00000000

2014-11-22 02:42:00.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off

2014-11-22 02:42:00.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

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2014-11-22 02:42:00.380 Clock Phase: 1 usec. max allowed=50000  
 2014-11-22 02:42:00.380 Boom positions:  
 2014-11-22 02:42:00.380 Ch1: -2 Ch2: -2 Ch3: 9 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-22 02:42:00.380 Analog Status  
 2014-11-22 02:42:00.380 Analog Positive Supply: 5.46V  
 2014-11-22 02:42:00.380 Input Voltage: 13.35V  
 2014-11-22 02:42:00.380 System Temperature: 5C  
 2014-11-22 02:42:00.380 Main Current: 61ma  
 2014-11-22 02:42:00.380 Antenna Current: 0ma  
 2014-11-22 02:42:00.380 GPS Status  
 2014-11-22 02:42:00.380 Time: 02:41:59  
 2014-11-22 02:42:00.380 Date:  
 2014-11-22 02:42:00.380 Fix Type: 1-D  
 2014-11-22 02:42:00.380 Height:  
 2014-11-22 02:42:00.380 Latitude:  
 2014-11-22 02:42:00.380 Longitude:  
 2014-11-22 02:42:00.380 On Time: 0min  
 2014-11-22 02:42:00.380 Sat. Used: 0  
 2014-11-22 02:42:00.380 In View: 0  
 2014-11-22 02:42:00.380 Checksum Errors: 0  
 2014-11-22 02:42:00.380 Last GPS timemark: 2014-11-22 02:41:58  
 2014-11-22 02:42:00.380 PLL Status  
 2014-11-22 02:42:00.380 State: Lock  
 2014-11-22 02:42:00.380 Initial VCO: 2201.186035  
 2014-11-22 02:42:00.380 Time Error: 0.000000  
 2014-11-22 02:42:00.380 RMS VCO: 0.000000  
 2014-11-22 02:42:00.380 Best VCO: 2201.09  
 2014-11-22 02:42:00.380 Seconds Since Track or Lock: 0.0  
 2014-11-22 02:42:00.380 Vco Control: 2202  
 2014-11-22 02:42:00.380 timing mode: external seascan  
 2014-11-22 02:42:00.380 tempco normal  
 2014-11-22 02:42:00.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-22 02:42:00.380 Pfrac: 150.00  
 2014-11-22 02:42:00.380 VCO slope: -0.0175000  
 2014-11-22 02:42:00.380 VCO intercept: 7.1100001  
 2014-11-22 02:42:00.380 km delta: 600.0000000  
 2014-11-22 02:42:00.380 Logical Port 4 Status  
 2014-11-22 02:42:00.380 Data Packets Sent: 22841747  
 2014-11-22 02:42:00.380 Flood Packets Sent: 0  
 2014-11-22 02:42:00.380 Packets Re-Sent: 36354  
 2014-11-22 02:42:00.380 Sequence Errors: 0  
 2014-11-22 02:42:00.380 Packet Buffer Used: 23260392  
 2014-11-22 02:42:00.380 Physical Port: Ethernet  
 2014-11-22 02:42:00.380 Baler Model: 14 Software Version: 2.28  
 2014-11-22 02:42:00.380 MAC Address: 00:04:FB:00:02:EA  
 2014-11-22 02:42:00.380 Disk Size: 20000669696  
 2014-11-22 02:42:00.380 Percent of 1177 data files in use: 43.9  
 2014-11-22 02:42:00.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-22 02:42:00.380 Channel Sensitivities (uV per count):  
 2014-11-22 02:42:00.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-22 02:42:00.380 Digitizer Calibration Results:  
 2014-11-22 02:42:00.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-22 02:42:00.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-22 02:42:00.380 DMU1 Software Version=10  
 2014-11-22 02:42:00.380 Supply voltage=12.6  
 2014-11-22 02:42:00.380 Supply Current=0.41  
 2014-11-22 02:42:00.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-22 02:42:00.380 webLink Data Maps Restored  
 2014-11-22 02:42:00.380 [2014-11-21 14:41:07.999998] sequence resumes: 19830977 to 19830977  
 2014-11-22 02:42:00.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-22 02:41:59  
 2014-11-22 02:46:26.660 [2014-11-22 00:00:00.000000] saving Configuration to Backup

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## Memory

2014-11-22 02:47:48.220 Reducing Status Polling Interval  
 2014-11-22 02:47:48.220 [2014-11-22 02:47:46.999998] total packets received: 56557  
 2014-11-22 02:47:48.220 [2014-11-22 02:47:46.999998] command timeouts: 6  
 2014-11-22 02:47:48.220 [2014-11-22 02:47:46.999998] out of window: 61  
 2014-11-22 02:47:48.220 written: HHZ-1205 HH1-1476 HH2-1504 BDH-447 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-11-22 02:47:48.220 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-28  
 VMZ-2 VM1-2  
 2014-11-22 02:47:48.220 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-11-22 02:47:48.220 [2014-11-22 02:47:46.999998] Done: 4779 recs. seq end:  
 19874576. run: 344 s  
 2014-11-22 14:48:42.380  
 2014-11-22 14:48:42.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-22 14:48:42.380 Control Port 2491 Opened  
 2014-11-22 14:48:42.380 Baler ready on Ethernet  
 2014-11-22 14:48:42.380 Power Cycled Baler Acknowledged  
 2014-11-22 14:48:42.380 Commands Accepted by Q330  
 2014-11-22 14:48:42.380 Access timeout: 300 sec  
 2014-11-22 14:48:42.380 Control Port 4023 Opened  
 2014-11-22 14:48:42.380 Data Port 4024 Opened  
 2014-11-22 14:48:42.380 Registered with Q330  
 2014-11-22 14:48:42.380 Combination Record Received  
 2014-11-22 14:48:42.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-22 14:48:42.380 Link Reset, starting window sequence: 23780  
 2014-11-22 14:48:42.380 GPS Receiver ID Received  
 2014-11-22 14:48:42.380 Manufacturer's Data Received, Property Tag=2017  
 2014-11-22 14:48:42.380 Digitizer Gain & Offsets Received  
 2014-11-22 14:48:42.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4779 recs.  
 seq end: 19874576  
 2014-11-22 14:48:42.380 Baler clock set to 2014-11-22 14:48:41  
 2014-11-22 14:48:42.380 Starting to Read DP Tokens  
 2014-11-22 14:48:42.380 DP Tokens loaded, size=1474 bytes  
 2014-11-22 14:48:42.380 webserver advertising 192.168.200.119:5380  
 2014-11-22 14:48:42.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-22 14:48:42.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-22 14:48:42.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-22 14:48:42.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-22 14:48:42.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-22 14:48:42.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-22 14:48:42.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-22 14:48:42.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-22 14:48:42.380 [2014-11-22 02:47:46.999998] continuity found: 19874576  
 469939667.000000 Q=100  
 2014-11-22 14:48:42.380 [2014-11-22 02:47:46.999998] restoring continuity  
 2014-11-22 14:48:42.380 Sending DT\_OPEN  
 2014-11-22 14:48:42.380 Station: XX-2017  
 2014-11-22 14:48:42.380 Q330 Serial Number: 0100000DB18FC351  
 2014-11-22 14:48:42.380 AMB Serial Number: 0100000B6909DD82  
 2014-11-22 14:48:42.380 Seismo 1 Serial Number: 0000000000000000  
 2014-11-22 14:48:42.380 Seismo 2 Serial Number: 0000000000000000  
 2014-11-22 14:48:42.380 QAPCHP 1 Serial Number: 4643206  
 2014-11-22 14:48:42.380 QAPCHP 2 Serial Number: 3743050  
 2014-11-22 14:48:42.380 KMI Property Tag Number: 2017  
 2014-11-22 14:48:42.380 System Software Version: 1.146  
 2014-11-22 14:48:42.380 Slave Processor Version: 1.11  
 2014-11-22 14:48:42.380 Calibrator Type: QCAL330  
 2014-11-22 14:48:42.380 Calibrator Version: 1.8  
 2014-11-22 14:48:42.380 Auxiliary Board Type: None  
 2014-11-22 14:48:42.380 Clock Type: Motorola M12  
 2014-11-22 14:48:42.380 PLD Version: 7.9  
 2014-11-22 14:48:42.380 Total Hours: 70675.36  
 2014-11-22 14:48:42.380 Power On Hours: 35305.74

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2014-11-22 14:48:42.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-22 14:48:42.380 Total Number of Boots: 120  
 2014-11-22 14:48:42.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-22 14:48:42.380 Total Number of Re-Syncs: 213  
 2014-11-22 14:48:42.380 Status Inputs: 00000000  
 2014-11-22 14:48:42.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-22 14:48:42.380 Clock Quality: 100%  
 2014-11-22 14:48:42.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-22 14:48:42.380 Clock Phase: 0 usec. max allowed=50000  
 2014-11-22 14:48:42.380 Boom positions:  
 2014-11-22 14:48:42.380 ch1: -2 ch2: -3 ch3: 12 ch4: 20 ch5: 20 ch6: 20  
 2014-11-22 14:48:42.380 Analog Status  
 2014-11-22 14:48:42.380 Analog Positive Supply: 5.46V  
 2014-11-22 14:48:42.380 Input Voltage: 13.35V  
 2014-11-22 14:48:42.380 System Temperature: 5C  
 2014-11-22 14:48:42.380 Main Current: 62ma  
 2014-11-22 14:48:42.380 Antenna Current: 0ma  
 2014-11-22 14:48:42.380 GPS Status  
 2014-11-22 14:48:42.380 Time: 14:48:40  
 2014-11-22 14:48:42.380 Date:  
 2014-11-22 14:48:42.380 Fix Type: 1-D  
 2014-11-22 14:48:42.380 Height:  
 2014-11-22 14:48:42.380 Latitude:  
 2014-11-22 14:48:42.380 Longitude:  
 2014-11-22 14:48:42.380 On Time: 0min  
 2014-11-22 14:48:42.380 Sat. Used: 0  
 2014-11-22 14:48:42.380 In View: 0  
 2014-11-22 14:48:42.380 Checksum Errors: 0  
 2014-11-22 14:48:42.380 Last GPS timemark: 2014-11-22 14:48:39  
 2014-11-22 14:48:42.380 PLL Status  
 2014-11-22 14:48:42.380 State: Lock  
 2014-11-22 14:48:42.380 Initial VCO: 2200.376465  
 2014-11-22 14:48:42.380 Time Error: 0.000002  
 2014-11-22 14:48:42.380 RMS VCO: 0.0000000  
 2014-11-22 14:48:42.380 Best VCO: 2199.79  
 2014-11-22 14:48:42.380 Seconds Since Track or Lock: 0.0  
 2014-11-22 14:48:42.380 Vco Control: 2200  
 2014-11-22 14:48:42.380 timing mode: external seascan  
 2014-11-22 14:48:42.380 tempco normal  
 2014-11-22 14:48:42.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-22 14:48:42.380 Pfrac: 150.00  
 2014-11-22 14:48:42.380 VCO slope: -0.0175000  
 2014-11-22 14:48:42.380 VCO intercept: 7.1100001  
 2014-11-22 14:48:42.380 Km delta: 600.0000000  
 2014-11-22 14:48:42.380 Logical Port 4 Status  
 2014-11-22 14:48:42.380 Data Packets Sent: 22898212  
 2014-11-22 14:48:42.380 Flood Packets Sent: 0  
 2014-11-22 14:48:42.380 Packets Re-Sent: 36432  
 2014-11-22 14:48:42.380 Sequence Errors: 0  
 2014-11-22 14:48:42.380 Packet Buffer Used: 22338748  
 2014-11-22 14:48:42.380 Physical Port: Ethernet  
 2014-11-22 14:48:42.380 Baler Model: 14 Software Version: 2.28  
 2014-11-22 14:48:42.380 MAC Address: 00:04:FB:00:02:EA  
 2014-11-22 14:48:42.380 Disk Size: 20000669696  
 2014-11-22 14:48:42.380 Percent of 1177 data files in use: 44.0  
 2014-11-22 14:48:42.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-22 14:48:42.380 Channel Sensitivities (uV per count):  
 2014-11-22 14:48:42.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-22 14:48:42.380 Digitizer Calibration Results:  
 2014-11-22 14:48:42.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-22 14:48:42.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-22 14:48:42.380 DMU1 Software Version=10  
 2014-11-22 14:48:42.380 Supply Voltage=12.7

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2014-11-22 14:48:42.380 Supply Current=0.40  
 2014-11-22 14:48:42.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-22 14:48:42.380 WebLink Data Maps Restored  
 2014-11-22 14:48:42.380 [2014-11-22 02:47:46.999998] sequence resumes: 19874576 to 19874576  
 2014-11-22 14:48:42.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-22 14:48:41  
 2014-11-22 14:54:11.440 [2014-11-22 14:52:32.000000] total packets received: 49032  
 2014-11-22 14:54:11.440 [2014-11-22 14:52:32.000000] command timeouts: 6  
 2014-11-22 14:54:11.440 [2014-11-22 14:52:32.000000] out of window: 64  
 2014-11-22 14:54:11.440 written: HHZ-1158 HH1-1392 HH2-1404 BDH-443 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-22 14:54:11.440 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26  
 VMZ-2 VM1-2  
 2014-11-22 14:54:11.440 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-11-22 14:54:11.440 [2014-11-22 14:52:32.000000] Done: 4542 recs. seq end: 19918061. run: 325 s  
 2014-11-23 02:55:04.330  
 2014-11-23 02:55:04.330 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-23 02:55:04.330 Control Port 2491 Opened  
 2014-11-23 02:55:04.330 Baler ready on Ethernet  
 2014-11-23 02:55:04.330 Power Cycled Baler Acknowledged  
 2014-11-23 02:55:04.330 Commands Accepted by Q330  
 2014-11-23 02:55:04.330 Access timeout: 300 sec  
 2014-11-23 02:55:04.330 Control Port 4023 Opened  
 2014-11-23 02:55:04.330 Data Port 4024 Opened  
 2014-11-23 02:55:04.330 Registered with Q330  
 2014-11-23 02:55:04.330 Combination Record Received  
 2014-11-23 02:55:04.330 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-23 02:55:04.330 Link Reset, starting window sequence: 7177  
 2014-11-23 02:55:04.330 Manufacturer's Data Received, Property Tag=2017  
 2014-11-23 02:55:04.330 Digitizer Gain & Offsets Received  
 2014-11-23 02:55:04.330 Msg From 192.168.200.119:Baler XX-2017 readback. 4542 recs. seq end: 19918061  
 2014-11-23 02:55:04.330 Baler clock set to 2014-11-23 02:55:03  
 2014-11-23 02:55:04.330 Starting to Read DP Tokens  
 2014-11-23 02:55:04.330 DP Tokens loaded, size=1474 bytes  
 2014-11-23 02:55:04.330 webserver advertising 192.168.200.119:5380  
 2014-11-23 02:55:04.330 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-23 02:55:04.330 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-23 02:55:04.330 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-23 02:55:04.330 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-23 02:55:04.330 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-23 02:55:04.330 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-23 02:55:04.330 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-23 02:55:04.330 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-23 02:55:04.330 [2014-11-22 14:52:32.000000] continuity found: 19918061  
 469983152.000000 Q=100  
 2014-11-23 02:55:04.330 [2014-11-22 14:52:32.000000] restoring continuity  
 2014-11-23 02:55:04.330 Sending DT\_OPEN  
 2014-11-23 02:55:04.330 Station: XX-2017  
 2014-11-23 02:55:04.330 Q330 Serial Number: 0100000DB18FC351  
 2014-11-23 02:55:04.330 AMB Serial Number: 0100000B6909DD82  
 2014-11-23 02:55:04.330 Seismo 1 Serial Number: 0000000000000000  
 2014-11-23 02:55:04.330 Seismo 2 Serial Number: 0000000000000000  
 2014-11-23 02:55:04.330 QAPCHP 1 Serial Number: 4643206  
 2014-11-23 02:55:04.330 QAPCHP 2 Serial Number: 3743050  
 2014-11-23 02:55:04.330 KMI Property Tag Number: 2017  
 2014-11-23 02:55:04.330 System Software Version: 1.146  
 2014-11-23 02:55:04.330 Slave Processor Version: 1.11  
 2014-11-23 02:55:04.330 Calibrator Type: QCAL330  
 2014-11-23 02:55:04.330 Calibrator Version: 1.8  
 2014-11-23 02:55:04.330 Auxiliary Board Type: None



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2014-11-23 02:55:04.330 Clock Type: Motorola M12  
 2014-11-23 02:55:04.330 PLD Version: 7.9  
 2014-11-23 02:55:04.330 Total Hours: 70687.46  
 2014-11-23 02:55:04.330 Power On Hours: 35317.85  
 2014-11-23 02:55:04.330 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-23 02:55:04.330 Total Number of Boots: 120  
 2014-11-23 02:55:04.330 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-23 02:55:04.330 Total Number of Re-Syncs: 213  
 2014-11-23 02:55:04.330 Status Inputs: 00000000  
 2014-11-23 02:55:04.330 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-11-23 02:55:04.330 Clock Quality: 100%  
 2014-11-23 02:55:04.330 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-23 02:55:04.330 Clock Phase: 0 usec. max allowed=50000  
 2014-11-23 02:55:04.330 Boom positions:  
 2014-11-23 02:55:04.330 ch1: -2 ch2: -3 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2014-11-23 02:55:04.330 Analog Status  
 2014-11-23 02:55:04.330 Analog Positive Supply: 5.46V  
 2014-11-23 02:55:04.330 Input Voltage: 13.35V  
 2014-11-23 02:55:04.330 System Temperature: 5C  
 2014-11-23 02:55:04.330 Main Current: 61ma  
 2014-11-23 02:55:04.330 Antenna Current: 0ma  
 2014-11-23 02:55:04.330 GPS Status  
 2014-11-23 02:55:04.330 Time: 02:55:03  
 2014-11-23 02:55:04.330 Date:  
 2014-11-23 02:55:04.330 Fix Type: 1-D  
 2014-11-23 02:55:04.330 Height:  
 2014-11-23 02:55:04.330 Latitude:  
 2014-11-23 02:55:04.330 Longitude:  
 2014-11-23 02:55:04.330 On Time: 0min  
 2014-11-23 02:55:04.330 Sat. Used: 0  
 2014-11-23 02:55:04.330 In View: 0  
 2014-11-23 02:55:04.330 Checksum Errors: 0  
 2014-11-23 02:55:04.330 Last GPS timemark: 2014-11-23 02:55:02  
 2014-11-23 02:55:04.330 PLL Status  
 2014-11-23 02:55:04.330 State: Lock  
 2014-11-23 02:55:04.330 Initial VCO: 2200.528076  
 2014-11-23 02:55:04.330 Time Error: 0.000000  
 2014-11-23 02:55:04.330 RMS VCO: 0.000000  
 2014-11-23 02:55:04.330 Best VCO: 2200.50  
 2014-11-23 02:55:04.330 Seconds Since Track or Lock: 0.0  
 2014-11-23 02:55:04.330 Vco Control: 2201  
 2014-11-23 02:55:04.330 timing mode: external seascan  
 2014-11-23 02:55:04.330 tempco normal  
 2014-11-23 02:55:04.330 PLL update: 10s PLL lock criterion: 5us  
 2014-11-23 02:55:04.330 Pfrac: 150.00  
 2014-11-23 02:55:04.330 VCO slope: -0.0175000  
 2014-11-23 02:55:04.330 VCO intercept: 7.1100001  
 2014-11-23 02:55:04.330 Km delta: 600.0000000  
 2014-11-23 02:55:04.330 Logical Port 4 Status  
 2014-11-23 02:55:04.330 Data Packets Sent: 22947150  
 2014-11-23 02:55:04.330 Flood Packets Sent: 0  
 2014-11-23 02:55:04.330 Packets Re-Sent: 36515  
 2014-11-23 02:55:04.330 Sequence Errors: 0  
 2014-11-23 02:55:04.330 Packet Buffer Used: 22232504  
 2014-11-23 02:55:04.330 Physical Port: Ethernet  
 2014-11-23 02:55:04.330 Baler Model: 14 Software Version: 2.28  
 2014-11-23 02:55:04.330 MAC Address: 00:04:FB:00:02:EA  
 2014-11-23 02:55:04.330 Disk Size: 20000669696  
 2014-11-23 02:55:04.330 Percent of 1177 data files in use: 44.0  
 2014-11-23 02:55:04.330 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-23 02:55:04.330 Channel Sensitivities (uV per count):  
 2014-11-23 02:55:04.330 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-23 02:55:04.330 Digitizer Calibration Results:

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2014-11-23 02:55:04.330 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-23 02:55:04.330 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-23 02:55:04.330 DMU1 Software Version=10
2014-11-23 02:55:04.330 Supply Voltage=12.7
2014-11-23 02:55:04.330 Supply Current=0.41
2014-11-23 02:55:04.330 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-23 02:55:04.330 WebLink Data Maps Restored
2014-11-23 02:55:04.330 [2014-11-22 14:52:32.000000] sequence resumes: 19918061 to
19918061
2014-11-23 02:55:04.330 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-23 02:55:03
2014-11-23 02:59:17.320 [2014-11-23 00:00:00.000001] Saving Configuration to Backup
Memory
2014-11-23 03:00:43.610 Reducing Status Polling Interval
2014-11-23 03:00:43.610 [2014-11-23 03:00:42.999998] total packets received: 49228
2014-11-23 03:00:43.610 [2014-11-23 03:00:42.999998] command timeouts: 6
2014-11-23 03:00:43.610 [2014-11-23 03:00:42.999998] out of window: 74
2014-11-23 03:00:43.610 written: HHZ-1160 HH1-1409 HH2-1384 BDH-431 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-11-23 03:00:43.610 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-11-23 03:00:43.610 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-11-23 03:00:43.610 [2014-11-23 03:00:42.999998] Done: 4522 recs. seq end:
19961752. run: 334 s
2014-11-23 15:01:37.380
2014-11-23 15:01:37.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-23 15:01:37.380 Control Port 2491 Opened
2014-11-23 15:01:37.380 Baler ready on Ethernet
2014-11-23 15:01:37.380 Power Cycled Baler Acknowledged
2014-11-23 15:01:37.380 Commands Accepted by Q330
2014-11-23 15:01:37.380 Access timeout: 300 sec
2014-11-23 15:01:37.380 Control Port 4023 Opened
2014-11-23 15:01:37.380 Data Port 4024 Opened
2014-11-23 15:01:37.380 Registered with Q330
2014-11-23 15:01:37.380 Combination Record Received
2014-11-23 15:01:37.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-23 15:01:37.380 Link Reset, starting window sequence: 56295
2014-11-23 15:01:37.380 GPS Receiver ID Received
2014-11-23 15:01:37.380 Manufacturer's Data Received, Property Tag=2017
2014-11-23 15:01:37.380 Digitizer Gain & Offsets Received
2014-11-23 15:01:37.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4522 recs.
seq end: 19961752
2014-11-23 15:01:37.380 Baler clock set to 2014-11-23 15:01:36
2014-11-23 15:01:37.380 Starting to Read DP Tokens
2014-11-23 15:01:37.380 DP Tokens loaded, size=1474 bytes
2014-11-23 15:01:37.380 webserver advertising 192.168.200.119:5380
2014-11-23 15:01:37.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-23 15:01:37.380 filters & delay HH1:2@100,Linear all=0.320000
2014-11-23 15:01:37.380 filters & delay HH2:3@100,Linear all=0.320000
2014-11-23 15:01:37.380 filters & delay BDH:4@20,Linear all=1.650000
2014-11-23 15:01:37.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-23 15:01:37.380 filters & delay LH1:2@1,Linear all=15.000000
2014-11-23 15:01:37.380 filters & delay LH2:3@1,Linear all=15.000000
2014-11-23 15:01:37.380 filters & delay LDH:4@1,Linear all=15.000000
2014-11-23 15:01:37.380 [2014-11-23 03:00:42.999998] continuity found: 19961752
470026843.000000 Q=100
2014-11-23 15:01:37.380 [2014-11-23 03:00:42.999998] restoring continuity
2014-11-23 15:01:37.380 Sending DT_OPEN
2014-11-23 15:01:37.380 Station: XX-2017
2014-11-23 15:01:37.380 Q330 Serial Number: 0100000DB18FC351
2014-11-23 15:01:37.380 AMB Serial Number: 0100000B6909DD82
2014-11-23 15:01:37.380 Seismo 1 Serial Number: 0000000000000000
2014-11-23 15:01:37.380 Seismo 2 Serial Number: 0000000000000000

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2014-11-23 15:01:37.380 QAPCHP 1 Serial Number: 4643206  
 2014-11-23 15:01:37.380 QAPCHP 2 Serial Number: 3743050  
 2014-11-23 15:01:37.380 KMI Property Tag Number: 2017  
 2014-11-23 15:01:37.380 System Software Version: 1.146  
 2014-11-23 15:01:37.380 Slave Processor Version: 1.11  
 2014-11-23 15:01:37.380 Calibrator Type: QCAL330  
 2014-11-23 15:01:37.380 Calibrator Version: 1.8  
 2014-11-23 15:01:37.380 Auxiliary Board Type: None  
 2014-11-23 15:01:37.380 Clock Type: Motorola M12  
 2014-11-23 15:01:37.380 PLD Version: 7.9  
 2014-11-23 15:01:37.380 Total Hours: 70699.57  
 2014-11-23 15:01:37.380 Power On Hours: 35329.96  
 2014-11-23 15:01:37.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-23 15:01:37.380 Total Number of Boots: 120  
 2014-11-23 15:01:37.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-23 15:01:37.380 Total Number of Re-Syncs: 213  
 2014-11-23 15:01:37.380 Status Inputs: 00000000  
 2014-11-23 15:01:37.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-23 15:01:37.380 Clock Quality: 100%  
 2014-11-23 15:01:37.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-23 15:01:37.380 Clock Phase: 0 usec. max allowed=50000  
 2014-11-23 15:01:37.380 Boom positions:  
 2014-11-23 15:01:37.380 ch1: -2 ch2: -3 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2014-11-23 15:01:37.380 Analog Status  
 2014-11-23 15:01:37.380 Analog Positive Supply: 5.46V  
 2014-11-23 15:01:37.380 Input Voltage: 13.05V  
 2014-11-23 15:01:37.380 System Temperature: 5C  
 2014-11-23 15:01:37.380 Main Current: 63ma  
 2014-11-23 15:01:37.380 Antenna Current: 0ma  
 2014-11-23 15:01:37.380 GPS Status  
 2014-11-23 15:01:37.380 Time: 15:01:36  
 2014-11-23 15:01:37.380 Date:  
 2014-11-23 15:01:37.380 Fix Type: 1-D  
 2014-11-23 15:01:37.380 Height:  
 2014-11-23 15:01:37.380 Latitude:  
 2014-11-23 15:01:37.380 Longitude:  
 2014-11-23 15:01:37.380 On Time: 0min  
 2014-11-23 15:01:37.380 Sat. Used: 0  
 2014-11-23 15:01:37.380 In View: 0  
 2014-11-23 15:01:37.380 Checksum Errors: 0  
 2014-11-23 15:01:37.380 Last GPS timemark: 2014-11-23 15:01:35  
 2014-11-23 15:01:37.380 PLL Status  
 2014-11-23 15:01:37.380 State: Lock  
 2014-11-23 15:01:37.380 Initial VCO: 2199.519531  
 2014-11-23 15:01:37.380 Time Error: 0.000002  
 2014-11-23 15:01:37.380 RMS VCO: 0.0000000  
 2014-11-23 15:01:37.380 Best VCO: 2198.88  
 2014-11-23 15:01:37.380 Seconds Since Track or Lock: 0.0  
 2014-11-23 15:01:37.380 Vco Control: 2200  
 2014-11-23 15:01:37.380 timing mode: external seascan  
 2014-11-23 15:01:37.380 tempco normal  
 2014-11-23 15:01:37.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-23 15:01:37.380 Pfrac: 150.00  
 2014-11-23 15:01:37.380 VCO slope: -0.0175000  
 2014-11-23 15:01:37.380 VCO intercept: 7.1100001  
 2014-11-23 15:01:37.380 Km delta: 600.0000000  
 2014-11-23 15:01:37.380 Logical Port 4 Status  
 2014-11-23 15:01:37.380 Data Packets Sent: 22996273  
 2014-11-23 15:01:37.380 Flood Packets Sent: 0  
 2014-11-23 15:01:37.380 Sequence Errors: 0  
 2014-11-23 15:01:37.380 Packet Buffer Used: 22069160  
 2014-11-23 15:01:37.380 Physical Port: Ethernet  
 2014-11-23 15:01:37.380 Baler Model: 14 Software Version: 2.28

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2014-11-23 15:01:37.380 MAC Address: 00:04:FB:00:02:EA
2014-11-23 15:01:37.380 Disk Size: 20000669696
2014-11-23 15:01:37.380 Percent of 1177 data files in use: 44.1
2014-11-23 15:01:37.380 Channels Enabled: 1234 Preamps ON channels:
2014-11-23 15:01:37.380 Channel Sensitivities (uV per count):
2014-11-23 15:01:37.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-23 15:01:37.380 Digitizer Calibration Results:
2014-11-23 15:01:37.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-23 15:01:37.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-23 15:01:37.380 DMU1 Software Version=10
2014-11-23 15:01:37.380 Supply Voltage=12.6
2014-11-23 15:01:37.380 Supply Current=0.41
2014-11-23 15:01:37.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-23 15:01:37.380 WebLink Data Maps Restored
2014-11-23 15:01:37.380 [2014-11-23 03:00:42.999998] sequence resumes: 19961752 to
19961752
2014-11-23 15:01:37.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-23 15:01:36
2014-11-23 15:07:14.730 Reducing Status Polling Interval
2014-11-23 15:07:14.730 [2014-11-23 15:07:13.999998] total packets received: 47832
2014-11-23 15:07:14.730 [2014-11-23 15:07:13.999998] command timeouts: 6
2014-11-23 15:07:14.730 [2014-11-23 15:07:13.999998] out of window: 78
2014-11-23 15:07:14.730 written: HHZ-1160 HH1-1378 HH2-1383 BDH-424 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-11-23 15:07:14.730 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-24 LDH-25
VMZ-2 VM1-2
2014-11-23 15:07:14.730 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-11-23 15:07:14.730 [2014-11-23 15:07:13.999998] Done: 4485 recs. seq end:
20005343. run: 332 s
2014-11-24 03:08:07.400
2014-11-24 03:08:07.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-24 03:08:07.400 Control Port 2491 Opened
2014-11-24 03:08:07.400 Baler ready on Ethernet
2014-11-24 03:08:07.400 Power Cycled Baler Acknowledged
2014-11-24 03:08:07.400 Commands Accepted by Q330
2014-11-24 03:08:07.400 Access timeout: 300 sec
2014-11-24 03:08:07.400 Control Port 4023 Opened
2014-11-24 03:08:07.400 Data Port 4024 Opened
2014-11-24 03:08:07.400 Registered with Q330
2014-11-24 03:08:07.400 Combination Record Received
2014-11-24 03:08:07.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-24 03:08:07.400 Link Reset, starting window sequence: 38477
2014-11-24 03:08:07.400 GPS Receiver ID Received
2014-11-24 03:08:07.400 Manufacturer's Data Received, Property Tag=2017
2014-11-24 03:08:07.400 Digitizer Gain & Offsets Received
2014-11-24 03:08:07.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4485 recs.
seq end: 20005343
2014-11-24 03:08:07.400 Baler clock set to 2014-11-24 03:08:06
2014-11-24 03:08:07.400 Starting to Read DP Tokens
2014-11-24 03:08:07.400 DP Tokens loaded, size=1474 bytes
2014-11-24 03:08:07.400 Webserver advertising 192.168.200.119:5380
2014-11-24 03:08:07.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-24 03:08:07.400 filters & delay HH1:2@100,Linear all=0.320000
2014-11-24 03:08:07.400 filters & delay HH2:3@100,Linear all=0.320000
2014-11-24 03:08:07.400 filters & delay BDH:4@20,Linear all=1.650000
2014-11-24 03:08:07.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-24 03:08:07.400 filters & delay LH1:2@1,Linear all=15.000000
2014-11-24 03:08:07.400 filters & delay LH2:3@1,Linear all=15.000000
2014-11-24 03:08:07.400 filters & delay LDH:4@1,Linear all=15.000000
2014-11-24 03:08:07.400 [2014-11-23 15:07:13.999998] continuity found: 20005343
470070434.000000 Q=100
2014-11-24 03:08:07.400 [2014-11-23 15:07:13.999998] restoring continuity
2014-11-24 03:08:07.400 Sending DT_OPEN

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2014-11-24 03:08:07.400 Station: XX-2017  
 2014-11-24 03:08:07.400 Q330 Serial Number: 0100000DB18FC351  
 2014-11-24 03:08:07.400 AMB Serial Number: 0100000B6909DD82  
 2014-11-24 03:08:07.400 Seismo 1 Serial Number: 0000000000000000  
 2014-11-24 03:08:07.400 Seismo 2 Serial Number: 0000000000000000  
 2014-11-24 03:08:07.400 QAPCHP 1 Serial Number: 4643206  
 2014-11-24 03:08:07.400 QAPCHP 2 Serial Number: 3743050  
 2014-11-24 03:08:07.400 KMI Property Tag Number: 2017  
 2014-11-24 03:08:07.400 System Software Version: 1.146  
 2014-11-24 03:08:07.400 Slave Processor Version: 1.11  
 2014-11-24 03:08:07.400 Calibrator Type: QCAL330  
 2014-11-24 03:08:07.400 Calibrator Version: 1.8  
 2014-11-24 03:08:07.400 Auxiliary Board Type: None  
 2014-11-24 03:08:07.400 Clock Type: Motorola M12  
 2014-11-24 03:08:07.400 PLD Version: 7.9  
 2014-11-24 03:08:07.400 Total Hours: 70711.68  
 2014-11-24 03:08:07.400 Power On Hours: 35342.07  
 2014-11-24 03:08:07.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-24 03:08:07.400 Total Number of Boots: 120  
 2014-11-24 03:08:07.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-24 03:08:07.400 Total Number of Re-Syncs: 213  
 2014-11-24 03:08:07.400 Status Inputs: 00000000  
 2014-11-24 03:08:07.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-24 03:08:07.400 Clock Quality: 100%  
 2014-11-24 03:08:07.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-24 03:08:07.400 Clock Phase: 1 usec. max allowed=50000  
 2014-11-24 03:08:07.400 Boom positions:  
 2014-11-24 03:08:07.400 ch1: -2 ch2: -3 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2014-11-24 03:08:07.400 Analog Status  
 2014-11-24 03:08:07.400 Analog Positive Supply: 5.46V  
 2014-11-24 03:08:07.400 Input Voltage: 13.20V  
 2014-11-24 03:08:07.400 System Temperature: 5C  
 2014-11-24 03:08:07.400 Main Current: 62ma  
 2014-11-24 03:08:07.400 Antenna Current: 0ma  
 2014-11-24 03:08:07.400 GPS Status  
 2014-11-24 03:08:07.400 Time: 03:08:06  
 2014-11-24 03:08:07.400 Date:  
 2014-11-24 03:08:07.400 Fix Type: 1-D  
 2014-11-24 03:08:07.400 Height:  
 2014-11-24 03:08:07.400 Latitude:  
 2014-11-24 03:08:07.400 Longitude:  
 2014-11-24 03:08:07.400 On Time: 0min  
 2014-11-24 03:08:07.400 Sat. Used: 0  
 2014-11-24 03:08:07.400 In View: 0  
 2014-11-24 03:08:07.400 Checksum Errors: 0  
 2014-11-24 03:08:07.400 Last GPS timemark: 2014-11-24 03:08:05  
 2014-11-24 03:08:07.400 PLL Status  
 2014-11-24 03:08:07.400 State: Lock  
 2014-11-24 03:08:07.400 Initial VCO: 2200.901611  
 2014-11-24 03:08:07.400 Time Error: 0.000000  
 2014-11-24 03:08:07.400 RMS VCO: 0.0000000  
 2014-11-24 03:08:07.400 Best VCO: 2201.14  
 2014-11-24 03:08:07.400 Seconds Since Track or Lock: 0.0  
 2014-11-24 03:08:07.400 Vco Control: 2200  
 2014-11-24 03:08:07.400 timing mode: external seascan  
 2014-11-24 03:08:07.400 tempco normal  
 2014-11-24 03:08:07.400 PLL update: 10s PLL lock criterion: 5us  
 2014-11-24 03:08:07.400 Pfrac: 150.00  
 2014-11-24 03:08:07.400 VCO slope: -0.0175000  
 2014-11-24 03:08:07.400 VCO intercept: 7.1100001  
 2014-11-24 03:08:07.400 km delta: 600.0000000  
 2014-11-24 03:08:07.400 Logical Port 4 Status  
 2014-11-24 03:08:07.400 Data Packets Sent: 23043996

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2014-11-24 03:08:07.400 Flood Packets Sent: 0  
 2014-11-24 03:08:07.400 Packets Re-Sent: 36696  
 2014-11-24 03:08:07.400 Sequence Errors: 0  
 2014-11-24 03:08:07.400 Packet Buffer Used: 22033400  
 2014-11-24 03:08:07.400 Physical Port: Ethernet  
 2014-11-24 03:08:07.400 Baler Model: 14 Software Version: 2.28  
 2014-11-24 03:08:07.400 MAC Address: 00:04:FB:00:02:EA  
 2014-11-24 03:08:07.400 Disk Size: 20000669696  
 2014-11-24 03:08:07.400 Percent of 1177 data files in use: 44.3  
 2014-11-24 03:08:07.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-24 03:08:07.400 Channel Sensitivities (uV per count):  
 2014-11-24 03:08:07.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-24 03:08:07.400 Digitizer Calibration Results:  
 2014-11-24 03:08:07.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-24 03:08:07.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-24 03:08:07.400 DMU1 Software Version=10  
 2014-11-24 03:08:07.400 Supply Voltage=12.6  
 2014-11-24 03:08:07.400 Supply Current=0.41  
 2014-11-24 03:08:07.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-24 03:08:07.400 webLink Data Maps Restored  
 2014-11-24 03:08:07.400 [2014-11-23 15:07:13.999998] sequence resumes: 20005343 to  
 20005343  
 2014-11-24 03:08:07.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-24 03:08:06  
 2014-11-24 03:11:57.540 Reducing Status Polling Interval  
 2014-11-24 03:11:57.540 [2014-11-24 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-11-24 03:13:43.270 [2014-11-24 03:13:26.000000] total packets received: 48026  
 2014-11-24 03:13:43.270 [2014-11-24 03:13:26.000000] command timeouts: 6  
 2014-11-24 03:13:43.270 [2014-11-24 03:13:26.000000] out of window: 76  
 2014-11-24 03:13:43.270 written: HHZ-1166 HH1-1333 HH2-1403 BDH-433 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-11-24 03:13:43.270 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-11-24 03:13:43.270 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-11-24 03:13:43.270 [2014-11-24 03:13:26.000000] Done: 4479 recs. seq end:  
 20048915. run: 330 s  
 2014-11-24 15:14:36.380  
 2014-11-24 15:14:36.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-24 15:14:36.380 Control Port 2491 Opened  
 2014-11-24 15:14:36.380 Baler ready on Ethernet  
 2014-11-24 15:14:36.380 Power Cycled Baler Acknowledged  
 2014-11-24 15:14:36.380 Commands Accepted by Q330  
 2014-11-24 15:14:36.380 Access timeout: 300 sec  
 2014-11-24 15:14:36.380 Control Port 4023 Opened  
 2014-11-24 15:14:36.380 Data Port 4024 Opened  
 2014-11-24 15:14:36.380 Registered with Q330  
 2014-11-24 15:14:36.380 Combination Record Received  
 2014-11-24 15:14:36.380 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-24 15:14:36.380 Link Reset, starting window sequence: 20840  
 2014-11-24 15:14:36.380 GPS Receiver ID Received  
 2014-11-24 15:14:36.380 Manufacturer's Data Received, Property Tag=2017  
 2014-11-24 15:14:36.380 Digitizer Gain & Offsets Received  
 2014-11-24 15:14:36.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4479 recs.  
 seq end: 20048915  
 2014-11-24 15:14:36.380 Baler clock set to 2014-11-24 15:14:35  
 2014-11-24 15:14:36.380 Starting to Read DP Tokens  
 2014-11-24 15:14:36.380 DP Tokens loaded, size=1474 bytes  
 2014-11-24 15:14:36.380 webserver advertising 192.168.200.119:5380  
 2014-11-24 15:14:36.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-24 15:14:36.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-24 15:14:36.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-24 15:14:36.380 filters & delay BDH:4@20,Linear all=1.650000

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2014-11-24 15:14:36.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-24 15:14:36.380 filters & delay LH1:2@1,Linear all=15.000000
2014-11-24 15:14:36.380 filters & delay LH2:3@1,Linear all=15.000000
2014-11-24 15:14:36.380 filters & delay LDH:4@1,Linear all=15.000000
2014-11-24 15:14:36.380 [2014-11-24 03:13:26.000000] continuity found: 20048915
470114006.000000 Q=100
2014-11-24 15:14:36.380 [2014-11-24 03:13:26.000000] restoring continuity
2014-11-24 15:14:36.380 Sending DT_OPEN
2014-11-24 15:14:36.380 Station: XX-2017
2014-11-24 15:14:36.380 Q330 Serial Number: 0100000DB18FC351
2014-11-24 15:14:36.380 AMB Serial Number: 0100000B6909DD82
2014-11-24 15:14:36.380 Seismo 1 Serial Number: 0000000000000000
2014-11-24 15:14:36.380 Seismo 2 Serial Number: 0000000000000000
2014-11-24 15:14:36.380 QAPCHP 1 Serial Number: 4643206
2014-11-24 15:14:36.380 QAPCHP 2 Serial Number: 3743050
2014-11-24 15:14:36.380 KMI Property Tag Number: 2017
2014-11-24 15:14:36.380 System Software Version: 1.146
2014-11-24 15:14:36.380 Calibrator Type: QCAL330
2014-11-24 15:14:36.380 Calibrator Version: 1.8
2014-11-24 15:14:36.380 Auxiliary Board Type: None
2014-11-24 15:14:36.380 Clock Type: Motorola M12
2014-11-24 15:14:36.380 PLD Version: 7.9
2014-11-24 15:14:36.380 Total Hours: 70723.79
2014-11-24 15:14:36.380 Power On Hours: 35354.17
2014-11-24 15:14:36.380 Time of Last Boot: 2014-04-06 02:03:58
2014-11-24 15:14:36.380 Total Number of Boots: 120
2014-11-24 15:14:36.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-24 15:14:36.380 Total Number of Re-Syncs: 213
2014-11-24 15:14:36.380 Status Inputs: 00000000
2014-11-24 15:14:36.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-24 15:14:36.380 Clock Quality: 100%
2014-11-24 15:14:36.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-24 15:14:36.380 Clock Phase: 0 usec. max allowed=50000
2014-11-24 15:14:36.380 Boom positions:
2014-11-24 15:14:36.380 Ch1: -2 Ch2: -3 Ch3: 14 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-24 15:14:36.380 Analog Status
2014-11-24 15:14:36.380 Analog Positive Supply: 5.46V
2014-11-24 15:14:36.380 Input Voltage: 13.20V
2014-11-24 15:14:36.380 System Temperature: 5C
2014-11-24 15:14:36.380 Main Current: 61ma
2014-11-24 15:14:36.380 Antenna Current: 0ma
2014-11-24 15:14:36.380 GPS Status
2014-11-24 15:14:36.380 Time: 15:14:34
2014-11-24 15:14:36.380 Date:
2014-11-24 15:14:36.380 Fix Type: 1-D
2014-11-24 15:14:36.380 Height:
2014-11-24 15:14:36.380 Latitude:
2014-11-24 15:14:36.380 Longitude:
2014-11-24 15:14:36.380 On Time: 0min
2014-11-24 15:14:36.380 Sat. Used: 0
2014-11-24 15:14:36.380 In View: 0
2014-11-24 15:14:36.380 Checksum Errors: 0
2014-11-24 15:14:36.380 Last GPS timemark: 2014-11-24 15:14:33
2014-11-24 15:14:36.380 PLL Status
2014-11-24 15:14:36.380 State: Lock
2014-11-24 15:14:36.380 Initial VCO: 2200.460449
2014-11-24 15:14:36.380 Time Error: 0.000000
2014-11-24 15:14:36.380 RMS VCO: 0.0000000
2014-11-24 15:14:36.380 Best VCO: 2200.18
2014-11-24 15:14:36.380 Seconds Since Track or Lock: 0.0
2014-11-24 15:14:36.380 Vco Control: 2201
2014-11-24 15:14:36.380 timing mode: external seascan
2014-11-24 15:14:36.380 tempco normal

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2014-11-24 15:14:36.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-24 15:14:36.380 Pfrac: 150.00  
 2014-11-24 15:14:36.380 VCO slope: -0.0175000  
 2014-11-24 15:14:36.380 VCO intercept: 7.1100001  
 2014-11-24 15:14:36.380 km delta: 600.0000000  
 2014-11-24 15:14:36.380 Logical Port 4 Status  
 2014-11-24 15:14:36.380 Data Packets Sent: 23091900  
 2014-11-24 15:14:36.380 Flood Packets Sent: 0  
 2014-11-24 15:14:36.380 Packets Re-Sent: 36790  
 2014-11-24 15:14:36.380 Sequence Errors: 0  
 2014-11-24 15:14:36.380 Packet Buffer Used: 22530976  
 2014-11-24 15:14:36.380 Physical Port: Ethernet  
 2014-11-24 15:14:36.380 Baler Model: 14 Software Version: 2.28  
 2014-11-24 15:14:36.380 MAC Address: 00:04:FB:00:02:EA  
 2014-11-24 15:14:36.380 Disk Size: 20000669696  
 2014-11-24 15:14:36.380 Percent of 1177 data files in use: 44.4  
 2014-11-24 15:14:36.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-24 15:14:36.380 Channel Sensitivities (uV per count):  
 2014-11-24 15:14:36.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-24 15:14:36.380 Digitizer Calibration Results:  
 2014-11-24 15:14:36.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-24 15:14:36.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-24 15:14:36.380 DMU1 Software Version=10  
 2014-11-24 15:14:36.380 Supply Voltage=12.7  
 2014-11-24 15:14:36.380 Supply Current=0.41  
 2014-11-24 15:14:36.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-24 15:14:36.380 WebLink Data Maps Restored  
 2014-11-24 15:14:36.380 [2014-11-24 03:13:26.000000] sequence resumes: 20048915 to  
 20048915  
 2014-11-24 15:14:36.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-24 15:14:35  
 2014-11-24 15:20:06.540 [2014-11-24 15:18:05.999998] total packets received: 47804  
 2014-11-24 15:20:06.540 [2014-11-24 15:18:05.999998] command timeouts: 6  
 2014-11-24 15:20:06.540 [2014-11-24 15:18:05.999998] out of window: 63  
 2014-11-24 15:20:06.540 written: HHZ-1187 HH1-1400 HH2-1404 BDH-452 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-11-24 15:20:06.540 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-28  
 VMZ-1 VM1-1  
 2014-11-24 15:20:06.540 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-11-24 15:20:06.540 [2014-11-24 15:18:05.999998] Done: 4580 recs. seq end:  
 20092395. run: 325 s  
 2014-11-25 03:20:59.380  
 2014-11-25 03:20:59.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-25 03:20:59.380 Control Port 2491 Opened  
 2014-11-25 03:20:59.380 Baler ready on Ethernet  
 2014-11-25 03:20:59.380 Power Cycled Baler Acknowledged  
 2014-11-25 03:20:59.380 Commands Accepted by Q330  
 2014-11-25 03:20:59.380 Access timeout: 300 sec  
 2014-11-25 03:20:59.380 Control Port 4023 Opened  
 2014-11-25 03:20:59.380 Data Port 4024 Opened  
 2014-11-25 03:20:59.380 Registered with Q330  
 2014-11-25 03:20:59.380 Combination Record Received  
 2014-11-25 03:20:59.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-25 03:20:59.380 Link Reset, starting window sequence: 3010  
 2014-11-25 03:20:59.380 GPS Receiver ID Received  
 2014-11-25 03:20:59.380 Manufacturer's Data Received, Property Tag=2017  
 2014-11-25 03:20:59.380 Digitizer Gain & Offsets Received  
 2014-11-25 03:20:59.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4580 recs.  
 seq end: 20092395  
 2014-11-25 03:20:59.380 Baler clock set to 2014-11-25 03:20:58  
 2014-11-25 03:20:59.380 Starting to Read DP Tokens  
 2014-11-25 03:20:59.380 DP Tokens loaded, size=1474 bytes  
 2014-11-25 03:20:59.380 webserver advertising 192.168.200.119:5380



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2014-11-25 03:20:59.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-25 03:20:59.380 filters & delay HH1:2@100,Linear all=0.320000
2014-11-25 03:20:59.380 filters & delay HH2:3@100,Linear all=0.320000
2014-11-25 03:20:59.380 filters & delay BDH:4@20,Linear all=1.650000
2014-11-25 03:20:59.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-25 03:20:59.380 filters & delay LH1:2@1,Linear all=15.000000
2014-11-25 03:20:59.380 filters & delay LH2:3@1,Linear all=15.000000
2014-11-25 03:20:59.380 filters & delay LDH:4@1,Linear all=15.000000
2014-11-25 03:20:59.380 [2014-11-24 15:18:05.999998] continuity found: 20092395
470157486.000000 Q=100
2014-11-25 03:20:59.380 [2014-11-24 15:18:05.999998] restoring continuity
2014-11-25 03:20:59.380 Sending DT_OPEN
2014-11-25 03:20:59.380 Station: XX-2017
2014-11-25 03:20:59.380 Q330 Serial Number: 0100000DB18FC351
2014-11-25 03:20:59.380 AMB Serial Number: 0100000B6909DD82
2014-11-25 03:20:59.380 Seismo 1 Serial Number: 0000000000000000
2014-11-25 03:20:59.380 Seismo 2 Serial Number: 0000000000000000
2014-11-25 03:20:59.380 QAPCHP 1 Serial Number: 4643206
2014-11-25 03:20:59.380 QAPCHP 2 Serial Number: 3743050
2014-11-25 03:20:59.380 KMI Property Tag Number: 2017
2014-11-25 03:20:59.380 System Software Version: 1.146
2014-11-25 03:20:59.380 Slave Processor Version: 1.11
2014-11-25 03:20:59.380 Calibrator Type: QCAL330
2014-11-25 03:20:59.380 Calibrator Version: 1.8
2014-11-25 03:20:59.380 Auxiliary Board Type: None
2014-11-25 03:20:59.380 Clock Type: Motorola M12
2014-11-25 03:20:59.380 PLD Version: 7.9
2014-11-25 03:20:59.380 Total Hours: 70735.90
2014-11-25 03:20:59.380 Power On Hours: 35366.28
2014-11-25 03:20:59.380 Time of Last Boot: 2014-04-06 02:03:58
2014-11-25 03:20:59.380 Total Number of Boots: 120
2014-11-25 03:20:59.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-25 03:20:59.380 Total Number of Re-Syncs: 213
2014-11-25 03:20:59.380 Status Inputs: 00000000
2014-11-25 03:20:59.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-25 03:20:59.380 Clock Quality: 100%
2014-11-25 03:20:59.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-25 03:20:59.380 Clock Phase: 0 usec. max allowed=50000
2014-11-25 03:20:59.380 Boom positions:
2014-11-25 03:20:59.380 ch1: -2 ch2: -4 ch3: 17 ch4: 20 ch5: 20 ch6: 20
2014-11-25 03:20:59.380 Analog Status
2014-11-25 03:20:59.380 Analog Positive Supply: 5.46V
2014-11-25 03:20:59.380 Input Voltage: 13.35V
2014-11-25 03:20:59.380 System Temperature: 5C
2014-11-25 03:20:59.380 Main Current: 61ma
2014-11-25 03:20:59.380 Antenna Current: 0ma
2014-11-25 03:20:59.380 GPS Status
2014-11-25 03:20:59.380 Time: 03:20:57
2014-11-25 03:20:59.380 Date:
2014-11-25 03:20:59.380 Fix Type: 1-D
2014-11-25 03:20:59.380 Height:
2014-11-25 03:20:59.380 Latitude:
2014-11-25 03:20:59.380 Longitude:
2014-11-25 03:20:59.380 On Time: 0min
2014-11-25 03:20:59.380 Sat. Used: 0
2014-11-25 03:20:59.380 In View: 0
2014-11-25 03:20:59.380 Checksum Errors: 0
2014-11-25 03:20:59.380 Last GPS timemark: 2014-11-25 03:20:56
2014-11-25 03:20:59.380 PLL Status
2014-11-25 03:20:59.380 State: Lock
2014-11-25 03:20:59.380 Initial VCO: 2200.684570
2014-11-25 03:20:59.380 Time Error: 0.000000
2014-11-25 03:20:59.380 RMS VCO: 0.0000000

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2014-11-25 03:20:59.380 Best VCO: 2200.77  
 2014-11-25 03:20:59.380 Seconds Since Track or Lock: 0.0  
 2014-11-25 03:20:59.380 Vco Control: 2200  
 2014-11-25 03:20:59.380 timing mode: external seascan  
 2014-11-25 03:20:59.380 tempco normal  
 2014-11-25 03:20:59.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-25 03:20:59.380 Pfrac: 150.00  
 2014-11-25 03:20:59.380 VCO slope: -0.0175000  
 2014-11-25 03:20:59.380 VCO intercept: 7.1100001  
 2014-11-25 03:20:59.380 km delta: 600.0000000  
 2014-11-25 03:20:59.380 Logical Port 4 Status  
 2014-11-25 03:20:59.380 Data Packets Sent: 23139611  
 2014-11-25 03:20:59.380 Flood Packets Sent: 0  
 2014-11-25 03:20:59.380 Packets Re-Sent: 36869  
 2014-11-25 03:20:59.380 Sequence Errors: 0  
 2014-11-25 03:20:59.380 Packet Buffer Used: 22691184  
 2014-11-25 03:20:59.380 Physical Port: Ethernet  
 2014-11-25 03:20:59.380 Baler Model: 14 Software Version: 2.28  
 2014-11-25 03:20:59.380 MAC Address: 00:04:FB:00:02:EA  
 2014-11-25 03:20:59.380 Disk Size: 20000669696  
 2014-11-25 03:20:59.380 Percent of 1177 data files in use: 44.4  
 2014-11-25 03:20:59.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-25 03:20:59.380 Channel Sensitivities (uV per count):  
 2014-11-25 03:20:59.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-25 03:20:59.380 Digitizer Calibration Results:  
 2014-11-25 03:20:59.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-25 03:20:59.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-25 03:20:59.380 DMU1 Software Version=10  
 2014-11-25 03:20:59.380 Supply Voltage=12.6  
 2014-11-25 03:20:59.380 Supply Current=0.41  
 2014-11-25 03:20:59.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-25 03:20:59.380 webLink Data Maps Restored  
 2014-11-25 03:20:59.380 [2014-11-24 15:18:05.999998] sequence resumes: 20092395 to  
 20092395  
 2014-11-25 03:20:59.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-25 03:20:58  
 2014-11-25 03:25:00.500 [2014-11-25 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-11-25 03:26:37.610 Reducing Status Polling Interval  
 2014-11-25 03:26:37.610 [2014-11-25 03:26:35.999998] total packets received: 48276  
 2014-11-25 03:26:37.610 [2014-11-25 03:26:35.999998] command timeouts: 6  
 2014-11-25 03:26:37.610 [2014-11-25 03:26:35.999998] out of window: 65  
 2014-11-25 03:26:37.610 written: HHZ-1180 HH1-1419 HH2-1444 BDH-454 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-25 03:26:37.610 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-33  
 VMZ-2 VM1-2  
 2014-11-25 03:26:37.610 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-11-25 03:26:37.610 [2014-11-25 03:26:35.999998] Done: 4653 recs. seq end:  
 20136105. run: 333 s  
 2014-11-25 15:27:30.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-25 15:27:30.390 Control Port 2491 Opened  
 2014-11-25 15:27:30.390 Baler ready on Ethernet  
 2014-11-25 15:27:30.390 Power Cycled Baler Acknowledged  
 2014-11-25 15:27:30.390 Commands Accepted by Q330  
 2014-11-25 15:27:30.390 Access timeout: 300 sec  
 2014-11-25 15:27:30.390 Control Port 4023 Opened  
 2014-11-25 15:27:30.390 Data Port 4024 Opened  
 2014-11-25 15:27:30.390 Registered with Q330  
 2014-11-25 15:27:30.390 Combination Record Received  
 2014-11-25 15:27:30.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-25 15:27:30.390 Link Reset, starting window sequence: 51185  
 2014-11-25 15:27:30.390 GPS Receiver ID Received  
 2014-11-25 15:27:30.390 Manufacturer's Data Received, Property Tag=2017

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2014-11-25 15:27:30.390 Digitizer Gain & Offsets Received  
 2014-11-25 15:27:30.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4653 recs.  
 seq end: 20136105  
 2014-11-25 15:27:30.390 Baler clock set to 2014-11-25 15:27:29  
 2014-11-25 15:27:30.390 Starting to Read DP Tokens  
 2014-11-25 15:27:30.390 DP Tokens loaded, size=1474 bytes  
 2014-11-25 15:27:30.390 webserver advertising 192.168.200.119:5380  
 2014-11-25 15:27:30.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-25 15:27:30.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-25 15:27:30.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-25 15:27:30.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-25 15:27:30.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-25 15:27:30.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-25 15:27:30.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-25 15:27:30.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-25 15:27:30.390 [2014-11-25 03:26:35.999998] continuity found: 20136105  
 470201196.000000 Q=100  
 2014-11-25 15:27:30.390 [2014-11-25 03:26:35.999998] restoring continuity  
 2014-11-25 15:27:30.390 Sending DT\_OPEN  
 2014-11-25 15:27:30.390 Station: XX-2017  
 2014-11-25 15:27:30.390 Q330 Serial Number: 0100000DB18FC351  
 2014-11-25 15:27:30.390 AMB Serial Number: 0100000B6909DD82  
 2014-11-25 15:27:30.390 Seismo 1 Serial Number: 0000000000000000  
 2014-11-25 15:27:30.390 Seismo 2 Serial Number: 0000000000000000  
 2014-11-25 15:27:30.390 QAPCHP 1 Serial Number: 4643206  
 2014-11-25 15:27:30.390 QAPCHP 2 Serial Number: 3743050  
 2014-11-25 15:27:30.390 KMI Property Tag Number: 2017  
 2014-11-25 15:27:30.390 System Software Version: 1.146  
 2014-11-25 15:27:30.390 Slave Processor Version: 1.11  
 2014-11-25 15:27:30.390 Calibrator Type: QCAL330  
 2014-11-25 15:27:30.390 Calibrator Version: 1.8  
 2014-11-25 15:27:30.390 Auxiliary Board Type: None  
 2014-11-25 15:27:30.390 Clock Type: Motorola M12  
 2014-11-25 15:27:30.390 PLD Version: 7.9  
 2014-11-25 15:27:30.390 Total Hours: 70748.01  
 2014-11-25 15:27:30.390 Power On Hours: 35378.39  
 2014-11-25 15:27:30.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-25 15:27:30.390 Total Number of Boots: 120  
 2014-11-25 15:27:30.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-25 15:27:30.390 Total Number of Re-Syncs: 213  
 2014-11-25 15:27:30.390 Status Inputs: 00000000  
 2014-11-25 15:27:30.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-25 15:27:30.390 Clock Quality: 100%  
 2014-11-25 15:27:30.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-25 15:27:30.390 Clock Phase: 0 usec. max allowed=50000  
 2014-11-25 15:27:30.390 Boom positions:  
 2014-11-25 15:27:30.390 Ch1: -2 Ch2: -4 Ch3: 17 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-25 15:27:30.390 Analog Status  
 2014-11-25 15:27:30.390 Analog Positive Supply: 5.46v  
 2014-11-25 15:27:30.390 Input Voltage: 13.35v  
 2014-11-25 15:27:30.390 System Temperature: 5C  
 2014-11-25 15:27:30.390 Main Current: 60ma  
 2014-11-25 15:27:30.390 Antenna Current: 0ma  
 2014-11-25 15:27:30.390 GPS Status  
 2014-11-25 15:27:30.390 Time: 15:27:29  
 2014-11-25 15:27:30.390 Date:  
 2014-11-25 15:27:30.390 Fix Type: 1-D  
 2014-11-25 15:27:30.390 Height:  
 2014-11-25 15:27:30.390 Latitude:  
 2014-11-25 15:27:30.390 Longitude:  
 2014-11-25 15:27:30.390 On Time: 0min  
 2014-11-25 15:27:30.390 Sat. Used: 0  
 2014-11-25 15:27:30.390 In View: 0

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2014-11-25 15:27:30.390 Checksum Errors: 0  
 2014-11-25 15:27:30.390 Last GPS timemark: 2014-11-25 15:27:28  
 2014-11-25 15:27:30.390 PLL Status  
 2014-11-25 15:27:30.390 State: Lock  
 2014-11-25 15:27:30.390 Initial VCO: 2200.823242  
 2014-11-25 15:27:30.390 Time Error: 0.000000  
 2014-11-25 15:27:30.390 RMS VCO: 0.000000  
 2014-11-25 15:27:30.390 Best VCO: 2200.97  
 2014-11-25 15:27:30.390 Seconds Since Track or Lock: 0.0  
 2014-11-25 15:27:30.390 Vco Control: 2201  
 2014-11-25 15:27:30.390 timing mode: external seascan  
 2014-11-25 15:27:30.390 tempco normal  
 2014-11-25 15:27:30.390 PLL update: 10s PLL lock criterion: 5us  
 2014-11-25 15:27:30.390 Pfrac: 150.00  
 2014-11-25 15:27:30.390 VCO slope: -0.0175000  
 2014-11-25 15:27:30.390 VCO intercept: 7.1100001  
 2014-11-25 15:27:30.390 km delta: 600.000000  
 2014-11-25 15:27:30.390 Logical Port 4 Status  
 2014-11-25 15:27:30.390 Data Packets Sent: 23187791  
 2014-11-25 15:27:30.390 Flood Packets Sent: 0  
 2014-11-25 15:27:30.390 Packets Re-Sent: 36953  
 2014-11-25 15:27:30.390 Sequence Errors: 0  
 2014-11-25 15:27:30.390 Packet Buffer Used: 22296932  
 2014-11-25 15:27:30.390 Physical Port: Ethernet  
 2014-11-25 15:27:30.390 Baler Model: 14 Software Version: 2.28  
 2014-11-25 15:27:30.390 MAC Address: 00:04:FB:00:02:EA  
 2014-11-25 15:27:30.390 Disk Size: 20000669696  
 2014-11-25 15:27:30.390 Percent of 1177 data files in use: 44.6  
 2014-11-25 15:27:30.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-25 15:27:30.390 Channel Sensitivities (uV per count):  
 2014-11-25 15:27:30.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-25 15:27:30.390 Digitizer Calibration Results:  
 2014-11-25 15:27:30.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-25 15:27:30.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-25 15:27:30.390 DMU1 Software Version=10  
 2014-11-25 15:27:30.390 Supply Voltage=12.7  
 2014-11-25 15:27:30.390 Supply Current=0.41  
 2014-11-25 15:27:30.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-25 15:27:30.390 WebLink Data Maps Restored  
 2014-11-25 15:27:30.390 [2014-11-25 03:26:35.999998] sequence resumes: 20136105 to  
 20136105  
 2014-11-25 15:27:30.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-25 15:27:29  
 2014-11-25 15:32:59.890 Reducing Status Polling Interval  
 2014-11-25 15:32:59.890 [2014-11-25 15:32:59.000000] total packets received: 46119  
 2014-11-25 15:32:59.890 [2014-11-25 15:32:59.000000] command timeouts: 6  
 2014-11-25 15:32:59.890 [2014-11-25 15:32:59.000000] out of window: 62  
 2014-11-25 15:32:59.890 written: HHZ-1162 HH1-1367 HH2-1420 BDH-453 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-25 15:32:59.890 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-33  
 VMZ-2 VM1-2  
 2014-11-25 15:32:59.890 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-11-25 15:32:59.890 [2014-11-25 15:32:59.000000] Done: 4556 recs. seq end:  
 20179688. run: 325 s  
 2014-11-26 03:33:53.390  
 2014-11-26 03:33:53.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-26 03:33:53.390 Control Port 2491 Opened  
 2014-11-26 03:33:53.390 Baler ready on Ethernet  
 2014-11-26 03:33:53.390 Power Cycled Baler Acknowledged  
 2014-11-26 03:33:53.390 Commands Accepted by Q330  
 2014-11-26 03:33:53.390 Access timeout: 300 sec  
 2014-11-26 03:33:53.390 Control Port 4023 Opened  
 2014-11-26 03:33:53.390 Data Port 4024 Opened

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2014-11-26 03:33:53.390 Registered with Q330  
 2014-11-26 03:33:53.390 Combination Record Received  
 2014-11-26 03:33:53.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-26 03:33:53.390 Link Reset, starting window sequence: 31671  
 2014-11-26 03:33:53.390 GPS Receiver ID Received  
 2014-11-26 03:33:53.390 Manufacturer's Data Received, Property Tag=2017  
 2014-11-26 03:33:53.390 Digitizer Gain & Offsets Received  
 2014-11-26 03:33:53.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4556 recs.  
 seq end: 20179688  
 2014-11-26 03:33:53.390 Baler clock set to 2014-11-26 03:33:52  
 2014-11-26 03:33:53.390 Starting to Read DP Tokens  
 2014-11-26 03:33:53.390 DP Tokens loaded, size=1474 bytes  
 2014-11-26 03:33:53.390 webserver advertising 192.168.200.119:5380  
 2014-11-26 03:33:53.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-26 03:33:53.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-26 03:33:53.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-26 03:33:53.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-26 03:33:53.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-26 03:33:53.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-26 03:33:53.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-26 03:33:53.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-26 03:33:53.390 [2014-11-25 15:32:59.000000] continuity found: 20179688  
 470244779.000000 Q=100  
 2014-11-26 03:33:53.390 [2014-11-25 15:32:59.000000] restoring continuity  
 2014-11-26 03:33:53.390 Sending DT\_OPEN  
 2014-11-26 03:33:53.390 Station: XX-2017  
 2014-11-26 03:33:53.390 Q330 Serial Number: 0100000DB18FC351  
 2014-11-26 03:33:53.390 AMB Serial Number: 0100000B6909DD82  
 2014-11-26 03:33:53.390 Seismo 1 Serial Number: 0000000000000000  
 2014-11-26 03:33:53.390 Seismo 2 Serial Number: 0000000000000000  
 2014-11-26 03:33:53.390 QAPCHP 1 Serial Number: 4643206  
 2014-11-26 03:33:53.390 QAPCHP 2 Serial Number: 3743050  
 2014-11-26 03:33:53.390 KMI Property Tag Number: 2017  
 2014-11-26 03:33:53.390 System Software Version: 1.146  
 2014-11-26 03:33:53.390 Slave Processor Version: 1.11  
 2014-11-26 03:33:53.390 Calibrator Type: QCAL330  
 2014-11-26 03:33:53.390 Calibrator Version: 1.8  
 2014-11-26 03:33:53.390 Auxiliary Board Type: None  
 2014-11-26 03:33:53.390 Clock Type: Motorola M12  
 2014-11-26 03:33:53.390 PLD Version: 7.9  
 2014-11-26 03:33:53.390 Total Hours: 70760.11  
 2014-11-26 03:33:53.390 Power On Hours: 35390.50  
 2014-11-26 03:33:53.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-26 03:33:53.390 Total Number of Boots: 120  
 2014-11-26 03:33:53.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-26 03:33:53.390 Total Number of Re-Syncs: 213  
 2014-11-26 03:33:53.390 Status Inputs: 00000000  
 2014-11-26 03:33:53.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-26 03:33:53.390 Clock Quality: 100%  
 2014-11-26 03:33:53.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-26 03:33:53.390 Clock Phase: 0 usec. max allowed=50000  
 2014-11-26 03:33:53.390 Boom positions:  
 2014-11-26 03:33:53.390 Ch1: -2 Ch2: -5 Ch3: 19 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-26 03:33:53.390 Analog Status  
 2014-11-26 03:33:53.390 Analog Positive Supply: 5.46v  
 2014-11-26 03:33:53.390 Input Voltage: 13.35v  
 2014-11-26 03:33:53.390 System Temperature: 5C  
 2014-11-26 03:33:53.390 Main Current: 62ma  
 2014-11-26 03:33:53.390 Antenna Current: 0ma  
 2014-11-26 03:33:53.390 GPS Status  
 2014-11-26 03:33:53.390 Time: 03:33:52  
 2014-11-26 03:33:53.390 Date:  
 2014-11-26 03:33:53.390 Fix Type: 1-D

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2014-11-26 03:33:53.390 Height:  
 2014-11-26 03:33:53.390 Latitude:  
 2014-11-26 03:33:53.390 Longitude:  
 2014-11-26 03:33:53.390 On Time: 0min  
 2014-11-26 03:33:53.390 Sat. Used: 0  
 2014-11-26 03:33:53.390 In View: 0  
 2014-11-26 03:33:53.390 Checksum Errors: 0  
 2014-11-26 03:33:53.390 Last GPS timemark: 2014-11-26 03:33:51  
 2014-11-26 03:33:53.390 PLL Status  
 2014-11-26 03:33:53.390 State: Lock  
 2014-11-26 03:33:53.390 Initial VCO: 2200.852783  
 2014-11-26 03:33:53.390 RMS VCO: 0.0000000  
 2014-11-26 03:33:53.390 Best VCO: 2200.89  
 2014-11-26 03:33:53.390 Seconds Since Track or Lock: 0.0  
 2014-11-26 03:33:53.390 Vco Control: 2201  
 2014-11-26 03:33:53.390 timing mode: external seascan  
 2014-11-26 03:33:53.390 tempco normal  
 2014-11-26 03:33:53.390 PLL update: 10s PLL lock criterion: 5us  
 2014-11-26 03:33:53.390 Pfrac: 150.00  
 2014-11-26 03:33:53.390 VCO slope: -0.0175000  
 2014-11-26 03:33:53.390 VCO intercept: 7.1100001  
 2014-11-26 03:33:53.390 Km delta: 600.0000000  
 2014-11-26 03:33:53.390 Logical Port 4 Status  
 2014-11-26 03:33:53.390 Data Packets Sent: 23233818  
 2014-11-26 03:33:53.390 Flood Packets Sent: 0  
 2014-11-26 03:33:53.390 Packets Re-Sent: 37030  
 2014-11-26 03:33:53.390 Sequence Errors: 0  
 2014-11-26 03:33:53.390 Packet Buffer Used: 22422848  
 2014-11-26 03:33:53.390 Physical Port: Ethernet  
 2014-11-26 03:33:53.390 Baler Model: 14 Software Version: 2.28  
 2014-11-26 03:33:53.390 MAC Address: 00:04:FB:00:02:EA  
 2014-11-26 03:33:53.390 Disk Size: 20000669696  
 2014-11-26 03:33:53.390 Percent of 1177 data files in use: 44.6  
 2014-11-26 03:33:53.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-26 03:33:53.390 Channel Sensitivities (uV per count):  
 2014-11-26 03:33:53.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-26 03:33:53.390 Digitizer Calibration Results:  
 2014-11-26 03:33:53.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-26 03:33:53.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-26 03:33:53.390 DMU1 Software Version=10  
 2014-11-26 03:33:53.390 Supply Voltage=12.7  
 2014-11-26 03:33:53.390 Supply Current=0.41  
 2014-11-26 03:33:53.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-26 03:33:53.390 webLink Data Maps Restored  
 2014-11-26 03:33:53.390 [2014-11-25 15:32:59.000000] sequence resumes: 20179688 to  
 20179688  
 2014-11-26 03:33:53.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-26 03:33:52  
 2014-11-26 03:37:43.640 [2014-11-26 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-11-26 03:39:23.380 [2014-11-26 03:39:20.999998] total packets received: 46028  
 2014-11-26 03:39:23.380 [2014-11-26 03:39:20.999998] command timeouts: 6  
 2014-11-26 03:39:23.380 [2014-11-26 03:39:20.999998] out of window: 65  
 2014-11-26 03:39:23.380 written: HHZ-1170 HH1-1387 HH2-1423 BDH-449 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-11-26 03:39:23.380 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-28  
 VMZ-1 VM1-1  
 2014-11-26 03:39:23.380 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-11-26 03:39:23.380 [2014-11-26 03:39:20.999998] Done: 4569 recs. seq end:  
 20223270. run: 325 s  
 2014-11-26 15:40:17.370  
 2014-11-26 15:40:17.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-26 15:40:17.370 Control Port 2491 Opened

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2014-11-26 15:40:17.370 Baler ready on Ethernet
2014-11-26 15:40:17.370 Power Cycled Baler Acknowledged
2014-11-26 15:40:17.370 Commands Accepted by Q330
2014-11-26 15:40:17.370 Access timeout: 300 sec
2014-11-26 15:40:17.370 Control Port 4023 Opened
2014-11-26 15:40:17.370 Data Port 4024 Opened
2014-11-26 15:40:17.370 Registered with Q330
2014-11-26 15:40:17.370 Combination Record Received
2014-11-26 15:40:17.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-26 15:40:17.370 Link Reset, starting window sequence: 12063
2014-11-26 15:40:17.370 GPS Receiver ID Received
2014-11-26 15:40:17.370 Manufacturer's Data Received, Property Tag=2017
2014-11-26 15:40:17.370 Digitizer Gain & Offsets Received
2014-11-26 15:40:17.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4569 recs.
seq end: 20223270
2014-11-26 15:40:17.370 Baler clock set to 2014-11-26 15:40:16
2014-11-26 15:40:17.370 Starting to Read DP Tokens
2014-11-26 15:40:17.370 DP Tokens loaded, size=1474 bytes
2014-11-26 15:40:17.370 webserver advertising 192.168.200.119:5380
2014-11-26 15:40:17.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-26 15:40:17.370 filters & delay HH1:2@100,Linear all=0.320000
2014-11-26 15:40:17.370 filters & delay HH2:3@100,Linear all=0.320000
2014-11-26 15:40:17.370 filters & delay BDH:4@20,Linear all=1.650000
2014-11-26 15:40:17.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-26 15:40:17.370 filters & delay LH1:2@1,Linear all=15.000000
2014-11-26 15:40:17.370 filters & delay LH2:3@1,Linear all=15.000000
2014-11-26 15:40:17.370 filters & delay LDH:4@1,Linear all=15.000000
2014-11-26 15:40:17.370 [2014-11-26 03:39:20.999998] continuity found: 20223270
470288361.000000 Q=100
2014-11-26 15:40:17.370 [2014-11-26 03:39:20.999998] restoring continuity
2014-11-26 15:40:17.370 Sending DT_OPEN
2014-11-26 15:40:17.370 Station: XX-2017
2014-11-26 15:40:17.370 Q330 Serial Number: 0100000DB18FC351
2014-11-26 15:40:17.370 AMB Serial Number: 0100000B6909DD82
2014-11-26 15:40:17.370 Seismo 1 Serial Number: 0000000000000000
2014-11-26 15:40:17.370 Seismo 2 Serial Number: 0000000000000000
2014-11-26 15:40:17.370 QAPCHP 1 Serial Number: 4643206
2014-11-26 15:40:17.370 QAPCHP 2 Serial Number: 3743050
2014-11-26 15:40:17.370 KMI Property Tag Number: 2017
2014-11-26 15:40:17.370 System Software Version: 1.146
2014-11-26 15:40:17.370 Slave Processor Version: 1.11
2014-11-26 15:40:17.370 Calibrator Type: QCAL330
2014-11-26 15:40:17.370 Calibrator Version: 1.8
2014-11-26 15:40:17.370 Auxiliary Board Type: None
2014-11-26 15:40:17.370 Clock Type: Motorola M12
2014-11-26 15:40:17.370 PLD Version: 7.9
2014-11-26 15:40:17.370 Total Hours: 70772.22
2014-11-26 15:40:17.370 Power On Hours: 35402.60
2014-11-26 15:40:17.370 Time of Last Boot: 2014-04-06 02:03:58
2014-11-26 15:40:17.370 Total Number of Boots: 120
2014-11-26 15:40:17.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-26 15:40:17.370 Total Number of Re-Syncs: 213
2014-11-26 15:40:17.370 Status Inputs: 00000000
2014-11-26 15:40:17.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-26 15:40:17.370 Clock Quality: 100%
2014-11-26 15:40:17.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-26 15:40:17.370 Clock Phase: 0 usec. max allowed=50000
2014-11-26 15:40:17.370 Boom positions:
2014-11-26 15:40:17.370 Ch1: -2 Ch2: 3 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2014-11-26 15:40:17.370 Analog Status
2014-11-26 15:40:17.370 Analog Positive Supply: 5.46v
2014-11-26 15:40:17.370 Input Voltage: 13.20v
2014-11-26 15:40:17.370 System Temperature: 5C

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2014-11-26 15:40:17.370 Main Current: 62ma  
 2014-11-26 15:40:17.370 Antenna Current: 0ma  
 2014-11-26 15:40:17.370 GPS Status  
 2014-11-26 15:40:17.370 Time: 15:40:16  
 2014-11-26 15:40:17.370 Date:  
 2014-11-26 15:40:17.370 Fix Type: 1-D  
 2014-11-26 15:40:17.370 Height:  
 2014-11-26 15:40:17.370 Latitude:  
 2014-11-26 15:40:17.370 Longitude:  
 2014-11-26 15:40:17.370 On Time: 0min  
 2014-11-26 15:40:17.370 Sat. Used: 0  
 2014-11-26 15:40:17.370 In View: 0  
 2014-11-26 15:40:17.370 Checksum Errors: 0  
 2014-11-26 15:40:17.370 Last GPS timemark: 2014-11-26 15:40:15  
 2014-11-26 15:40:17.370 PLL Status  
 2014-11-26 15:40:17.370 State: Lock  
 2014-11-26 15:40:17.370 Initial VCO: 2201.057617  
 2014-11-26 15:40:17.370 Time Error: 0.000000  
 2014-11-26 15:40:17.370 RMS VCO: 0.000000  
 2014-11-26 15:40:17.370 Best VCO: 2201.04  
 2014-11-26 15:40:17.370 Seconds Since Track or Lock: 0.0  
 2014-11-26 15:40:17.370 Vco Control: 2201  
 2014-11-26 15:40:17.370 timing mode: external seascan  
 2014-11-26 15:40:17.370 tempco normal  
 2014-11-26 15:40:17.370 PLL update: 10s PLL lock criterion: 5us  
 2014-11-26 15:40:17.370 Pfrac: 150.00  
 2014-11-26 15:40:17.370 VCO slope: -0.0175000  
 2014-11-26 15:40:17.370 VCO intercept: 7.1100001  
 2014-11-26 15:40:17.370 Km delta: 600.000000  
 2014-11-26 15:40:17.370 Logical Port 4 Status  
 2014-11-26 15:40:17.370 Data Packets Sent: 23279751  
 2014-11-26 15:40:17.370 Flood Packets Sent: 0  
 2014-11-26 15:40:17.370 Packets Re-Sent: 37114  
 2014-11-26 15:40:17.370 Sequence Errors: 0  
 2014-11-26 15:40:17.370 Packet Buffer Used: 22051724  
 2014-11-26 15:40:17.370 Physical Port: Ethernet  
 2014-11-26 15:40:17.370 Baler Model: 14 Software Version: 2.28  
 2014-11-26 15:40:17.370 MAC Address: 00:04:FB:00:02:EA  
 2014-11-26 15:40:17.370 Disk Size: 20000669696  
 2014-11-26 15:40:17.370 Percent of 1177 data files in use: 44.7  
 2014-11-26 15:40:17.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-26 15:40:17.370 Channel Sensitivities (uV per count):  
 2014-11-26 15:40:17.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-26 15:40:17.370 Digitizer Calibration Results:  
 2014-11-26 15:40:17.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-26 15:40:17.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-26 15:40:17.370 DMU1 Software Version=10  
 2014-11-26 15:40:17.370 Supply Voltage=12.7  
 2014-11-26 15:40:17.370 Supply Current=0.40  
 2014-11-26 15:40:17.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-26 15:40:17.370 WebLink Data Maps Restored  
 2014-11-26 15:40:17.370 [2014-11-26 03:39:20.999998] sequence resumes: 20223270 to  
 20223270  
 2014-11-26 15:40:17.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-26 15:40:16  
 2014-11-26 15:44:20.910 Reducing Status Polling Interval  
 2014-11-26 15:45:46.600 [2014-11-26 15:42:41.000000] total packets received: 45685  
 2014-11-26 15:45:46.600 [2014-11-26 15:42:41.000000] command timeouts: 6  
 2014-11-26 15:45:46.600 [2014-11-26 15:42:41.000000] out of window: 67  
 2014-11-26 15:45:46.600 written: HHZ-1156 HH1-1354 HH2-1369 BDH-443 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-26 15:45:46.600 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-27  
 VMZ-2 VM1-2



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2014-11-26 15:45:46.600 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1
2014-11-26 15:45:46.600 [2014-11-26 15:42:41.000000] Done: 4467 recs. seq end:
20266670. run: 324 s
2014-11-27 03:46:36.420
2014-11-27 03:46:36.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-27 03:46:36.420 Control Port 2491 Opened
2014-11-27 03:46:36.420 Baler ready on Ethernet
2014-11-27 03:46:36.420 Power Cycled Baler Acknowledged
2014-11-27 03:46:36.420 Commands Accepted by Q330
2014-11-27 03:46:36.420 Access timeout: 300 sec
2014-11-27 03:46:36.420 Control Port 4023 Opened
2014-11-27 03:46:36.420 Data Port 4024 Opened
2014-11-27 03:46:36.420 Registered with Q330
2014-11-27 03:46:36.420 Combination Record Received
2014-11-27 03:46:36.420 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-27 03:46:36.420 Link Reset, starting window sequence: 57631
2014-11-27 03:46:36.420 GPS Receiver ID Received
2014-11-27 03:46:36.420 Manufacturer's Data Received, Property Tag=2017
2014-11-27 03:46:36.420 Digitizer Gain & Offsets Received
2014-11-27 03:46:36.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4467 recs.
seq end: 20266670
2014-11-27 03:46:36.420 Baler clock set to 2014-11-27 03:46:35
2014-11-27 03:46:36.420 Starting to Read DP Tokens
2014-11-27 03:46:36.420 DP Tokens loaded, size=1474 bytes
2014-11-27 03:46:36.420 webserver advertising 192.168.200.119:5380
2014-11-27 03:46:36.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-27 03:46:36.420 filters & delay HH1:2@100,Linear all=0.320000
2014-11-27 03:46:36.420 filters & delay HH2:3@100,Linear all=0.320000
2014-11-27 03:46:36.420 filters & delay BDH:4@20,Linear all=1.650000
2014-11-27 03:46:36.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-27 03:46:36.420 filters & delay LH1:2@1,Linear all=15.000000
2014-11-27 03:46:36.420 filters & delay LH2:3@1,Linear all=15.000000
2014-11-27 03:46:36.420 filters & delay LDH:4@1,Linear all=15.000000
2014-11-27 03:46:36.420 [2014-11-26 15:42:41.000000] continuity found: 20266670
470331761.000000 Q=100
2014-11-27 03:46:36.420 Sending DT_OPEN
2014-11-27 03:46:36.420 Station: XX-2017
2014-11-27 03:46:36.420 Q330 Serial Number: 0100000DB18FC351
2014-11-27 03:46:36.420 AMB Serial Number: 0100000B6909DD82
2014-11-27 03:46:36.420 Seismo 1 Serial Number: 0000000000000000
2014-11-27 03:46:36.420 Seismo 2 Serial Number: 0000000000000000
2014-11-27 03:46:36.420 QAPCHP 1 Serial Number: 4643206
2014-11-27 03:46:36.420 QAPCHP 2 Serial Number: 3743050
2014-11-27 03:46:36.420 KMI Property Tag Number: 2017
2014-11-27 03:46:36.420 System Software Version: 1.146
2014-11-27 03:46:36.420 Slave Processor Version: 1.11
2014-11-27 03:46:36.420 Calibrator Type: QCAL330
2014-11-27 03:46:36.420 Calibrator Version: 1.8
2014-11-27 03:46:36.420 Auxiliary Board Type: None
2014-11-27 03:46:36.420 Clock Type: Motorola M12
2014-11-27 03:46:36.420 PLD Version: 7.9
2014-11-27 03:46:36.420 Total Hours: 70784.32
2014-11-27 03:46:36.420 Power On Hours: 35414.71
2014-11-27 03:46:36.420 Time of Last Boot: 2014-04-06 02:03:58
2014-11-27 03:46:36.420 Total Number of Boots: 120
2014-11-27 03:46:36.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-27 03:46:36.420 Total Number of Re-Syncs: 213
2014-11-27 03:46:36.420 Status Inputs: 00000000
2014-11-27 03:46:36.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-27 03:46:36.420 Clock Quality: 100%
2014-11-27 03:46:36.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-27 03:46:36.420 Clock Phase: 0 usec. max allowed=50000
2014-11-27 03:46:36.420 Boom positions:

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2014-11-27 03:46:36.420 Ch1: -2 Ch2: 3 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-27 03:46:36.420 Analog Status  
 2014-11-27 03:46:36.420 Analog Positive Supply: 5.46V  
 2014-11-27 03:46:36.420 Input Voltage: 13.20V  
 2014-11-27 03:46:36.420 System Temperature: 5C  
 2014-11-27 03:46:36.420 Main Current: 63ma  
 2014-11-27 03:46:36.420 Antenna Current: 0ma  
 2014-11-27 03:46:36.420 GPS Status  
 2014-11-27 03:46:36.420 Time: 03:46:35  
 2014-11-27 03:46:36.420 Date:  
 2014-11-27 03:46:36.420 Fix Type: 1-D  
 2014-11-27 03:46:36.420 Height:  
 2014-11-27 03:46:36.420 Latitude:  
 2014-11-27 03:46:36.420 Longitude:  
 2014-11-27 03:46:36.420 On Time: 0min  
 2014-11-27 03:46:36.420 Sat. Used: 0  
 2014-11-27 03:46:36.420 In View: 0  
 2014-11-27 03:46:36.420 Checksum Errors: 0  
 2014-11-27 03:46:36.420 Last GPS timemark: 2014-11-27 03:46:34  
 2014-11-27 03:46:36.420 PLL Status  
 2014-11-27 03:46:36.420 State: Lock  
 2014-11-27 03:46:36.420 Initial VCO: 2200.998535  
 2014-11-27 03:46:36.420 Time Error: 0.000000  
 2014-11-27 03:46:36.420 RMS VCO: 0.0000000  
 2014-11-27 03:46:36.420 Best VCO: 2201.00  
 2014-11-27 03:46:36.420 Seconds Since Track or Lock: 0.0  
 2014-11-27 03:46:36.420 Vco Control: 2201  
 2014-11-27 03:46:36.420 timing mode: external seascan  
 2014-11-27 03:46:36.420 tempco normal  
 2014-11-27 03:46:36.420 PLL update: 10s PLL lock criterion: 5us  
 2014-11-27 03:46:36.420 Pfrac: 150.00  
 2014-11-27 03:46:36.420 VCO slope: -0.0175000  
 2014-11-27 03:46:36.420 VCO intercept: 7.1100001  
 2014-11-27 03:46:36.420 Km delta: 600.0000000  
 2014-11-27 03:46:36.420 Logical Port 4 Status  
 2014-11-27 03:46:36.420 Data Packets Sent: 23325326  
 2014-11-27 03:46:36.420 Flood Packets Sent: 0  
 2014-11-27 03:46:36.420 Packets Re-Sent: 37198  
 2014-11-27 03:46:36.420 Sequence Errors: 0  
 2014-11-27 03:46:36.420 Packet Buffer Used: 24207496  
 2014-11-27 03:46:36.420 Physical Port: Ethernet  
 2014-11-27 03:46:36.420 Baler Model: 14 Software Version: 2.28  
 2014-11-27 03:46:36.420 MAC Address: 00:04:FB:00:02:EA  
 2014-11-27 03:46:36.420 Disk Size: 20000669696  
 2014-11-27 03:46:36.420 Percent of 1177 data files in use: 44.8  
 2014-11-27 03:46:36.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-27 03:46:36.420 Channel Sensitivities (uV per count):  
 2014-11-27 03:46:36.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-27 03:46:36.420 Digitizer Calibration Results:  
 2014-11-27 03:46:36.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-27 03:46:36.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-27 03:46:36.420 DMU1 Software Version=10  
 2014-11-27 03:46:36.420 Supply Voltage=12.7  
 2014-11-27 03:46:36.420 Supply Current=0.41  
 2014-11-27 03:46:36.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-27 03:46:36.420 WebLink Data Maps Restored  
 2014-11-27 03:46:36.420 [2014-11-26 15:42:41.000000] sequence resumes overlapping:  
 20266670 to 20266669  
 2014-11-27 03:46:36.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-11-27 03:46:35  
 2014-11-27 03:50:54.620 [2014-11-27 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-11-27 03:52:51.720 Reducing Status Polling Interval

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2014-11-27 03:52:51.720 [2014-11-27 03:52:50.999998] total packets received: 70467
2014-11-27 03:52:51.720 [2014-11-27 03:52:50.999998] command timeouts: 6
2014-11-27 03:52:51.720 [2014-11-27 03:52:50.999998] out of window: 84
2014-11-27 03:52:51.720 written: HHZ-1310 HH1-1553 HH2-1521 BDH-460 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-11-27 03:52:51.720 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-28 LH1-37 LH2-35 LDH-40
VMZ-2 VM1-2
2014-11-27 03:52:51.720 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-3
2014-11-27 03:52:51.720 [2014-11-27 03:52:50.999998] Done: 5032 recs. seq end:
20310480. run: 372 s
2014-11-27 15:53:46.370
2014-11-27 15:53:46.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-27 15:53:46.370 Control Port 2491 Opened
2014-11-27 15:53:46.370 Baler ready on Ethernet
2014-11-27 15:53:46.370 Power Cycled Baler Acknowledged
2014-11-27 15:53:46.370 Commands Accepted by Q330
2014-11-27 15:53:46.370 Access timeout: 300 sec
2014-11-27 15:53:46.370 Control Port 4023 Opened
2014-11-27 15:53:46.370 Data Port 4024 Opened
2014-11-27 15:53:46.370 Registered with Q330
2014-11-27 15:53:46.370 Combination Record Received
2014-11-27 15:53:46.370 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-27 15:53:46.370 Link Reset, starting window sequence: 62439
2014-11-27 15:53:46.370 GPS Receiver ID Received
2014-11-27 15:53:46.370 Manufacturer's Data Received, Property Tag=2017
2014-11-27 15:53:46.370 Digitizer Gain & Offsets Received
2014-11-27 15:53:46.370 Msg From 192.168.200.119:Baler XX-2017 readback. 5032 recs.
seq end: 20310480
2014-11-27 15:53:46.370 Baler clock set to 2014-11-27 15:53:45
2014-11-27 15:53:46.370 Starting to Read DP Tokens
2014-11-27 15:53:46.370 DP Tokens loaded, size=1474 bytes
2014-11-27 15:53:46.370 webserver advertising 192.168.200.119:5380
2014-11-27 15:53:46.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-27 15:53:46.370 filters & delay HH1:2@100,Linear all=0.320000
2014-11-27 15:53:46.370 filters & delay HH2:3@100,Linear all=0.320000
2014-11-27 15:53:46.370 filters & delay BDH:4@20,Linear all=1.650000
2014-11-27 15:53:46.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-27 15:53:46.370 filters & delay LH1:2@1,Linear all=15.000000
2014-11-27 15:53:46.370 filters & delay LH2:3@1,Linear all=15.000000
2014-11-27 15:53:46.370 filters & delay LDH:4@1,Linear all=15.000000
2014-11-27 15:53:46.370 [2014-11-27 03:52:50.999998] continuity found: 20310480
470375571.000000 Q=100
2014-11-27 15:53:46.370 [2014-11-27 03:52:50.999998] restoring continuity
2014-11-27 15:53:46.370 Sending DT_OPEN
2014-11-27 15:53:46.370 Station: XX-2017
2014-11-27 15:53:46.370 Q330 Serial Number: 0100000DB18FC351
2014-11-27 15:53:46.370 AMB Serial Number: 0100000B6909DD82
2014-11-27 15:53:46.370 Seismo 1 Serial Number: 0000000000000000
2014-11-27 15:53:46.370 Seismo 2 Serial Number: 0000000000000000
2014-11-27 15:53:46.370 QAPCHP 1 Serial Number: 4643206
2014-11-27 15:53:46.370 QAPCHP 2 Serial Number: 3743050
2014-11-27 15:53:46.370 KMI Property Tag Number: 2017
2014-11-27 15:53:46.370 System Software Version: 1.146
2014-11-27 15:53:46.370 Slave Processor Version: 1.11
2014-11-27 15:53:46.370 Calibrator Type: QCAL330
2014-11-27 15:53:46.370 Calibrator Version: 1.8
2014-11-27 15:53:46.370 Auxiliary Board Type: None
2014-11-27 15:53:46.370 Clock Type: Motorola M12
2014-11-27 15:53:46.370 PLD Version: 7.9
2014-11-27 15:53:46.370 Total Hours: 70796.44
2014-11-27 15:53:46.370 Power On Hours: 35426.83
2014-11-27 15:53:46.370 Time of Last Boot: 2014-04-06 02:03:58
2014-11-27 15:53:46.370 Total Number of Boots: 120

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2014-11-27 15:53:46.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-27 15:53:46.370 Total Number of Re-Syncs: 213  
 2014-11-27 15:53:46.370 Status Inputs: 00000000  
 2014-11-27 15:53:46.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-27 15:53:46.370 Clock Quality: 100%  
 2014-11-27 15:53:46.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-27 15:53:46.370 Clock Phase: 0 usec. max allowed=50000  
 2014-11-27 15:53:46.370 Boom positions:  
 2014-11-27 15:53:46.370 Ch1: -2 Ch2: 2 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-27 15:53:46.370 Analog Status  
 2014-11-27 15:53:46.370 Analog Positive Supply: 5.46V  
 2014-11-27 15:53:46.370 Input Voltage: 13.20V  
 2014-11-27 15:53:46.370 System Temperature: 5C  
 2014-11-27 15:53:46.370 Main Current: 62ma  
 2014-11-27 15:53:46.370 Antenna Current: 0ma  
 2014-11-27 15:53:46.370 GPS Status  
 2014-11-27 15:53:46.370 Time: 15:53:45  
 2014-11-27 15:53:46.370 Date:  
 2014-11-27 15:53:46.370 Fix Type: 1-D  
 2014-11-27 15:53:46.370 Height:  
 2014-11-27 15:53:46.370 Latitude:  
 2014-11-27 15:53:46.370 Longitude:  
 2014-11-27 15:53:46.370 On Time: 0min  
 2014-11-27 15:53:46.370 Sat. Used: 0  
 2014-11-27 15:53:46.370 In View: 0  
 2014-11-27 15:53:46.370 Checksum Errors: 0  
 2014-11-27 15:53:46.370 Last GPS timemark: 2014-11-27 15:53:44  
 2014-11-27 15:53:46.370 PLL Status  
 2014-11-27 15:53:46.370 State: Lock  
 2014-11-27 15:53:46.370 Initial VCO: 2200.312012  
 2014-11-27 15:53:46.370 Time Error: 0.000002  
 2014-11-27 15:53:46.370 RMS VCO: 0.0000000  
 2014-11-27 15:53:46.370 Best VCO: 2199.72  
 2014-11-27 15:53:46.370 Seconds Since Track or Lock: 0.0  
 2014-11-27 15:53:46.370 Vco Control: 2200  
 2014-11-27 15:53:46.370 timing mode: external seascan  
 2014-11-27 15:53:46.370 tempco normal  
 2014-11-27 15:53:46.370 PLL update: 10s PLL lock criterion: 5us  
 2014-11-27 15:53:46.370 Pfrac: 150.00  
 2014-11-27 15:53:46.370 VCO slope: -0.0175000  
 2014-11-27 15:53:46.370 VCO intercept: 7.1100001  
 2014-11-27 15:53:46.370 Km delta: 600.0000000  
 2014-11-27 15:53:46.370 Logical Port 4 Status  
 2014-11-27 15:53:46.370 Data Packets Sent: 23395676  
 2014-11-27 15:53:46.370 Flood Packets Sent: 0  
 2014-11-27 15:53:46.370 Packets Re-Sent: 37298  
 2014-11-27 15:53:46.370 Sequence Errors: 0  
 2014-11-27 15:53:46.370 Packet Buffer Used: 24190312  
 2014-11-27 15:53:46.370 Physical Port: Ethernet  
 2014-11-27 15:53:46.370 Baler Model: 14 Software Version: 2.28  
 2014-11-27 15:53:46.370 MAC Address: 00:04:FB:00:02:EA  
 2014-11-27 15:53:46.370 Disk Size: 20000669696  
 2014-11-27 15:53:46.370 Percent of 1177 data files in use: 44.9  
 2014-11-27 15:53:46.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-27 15:53:46.370 Channel Sensitivities (uV per count):  
 2014-11-27 15:53:46.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-27 15:53:46.370 Digitizer Calibration Results:  
 2014-11-27 15:53:46.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-27 15:53:46.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-27 15:53:46.370 DMU1 Software Version=10  
 2014-11-27 15:53:46.370 Supply Voltage=12.7  
 2014-11-27 15:53:46.370 Supply Current=0.40  
 2014-11-27 15:53:46.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A

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2014-11-27 15:53:46.370 WebLink Data Maps Restored
2014-11-27 15:53:46.370 [2014-11-27 03:52:50.999998] sequence resumes: 20310480 to
20310480
2014-11-27 15:59:54.320 Reducing Status Polling Interval
2014-11-27 15:59:54.320 [2014-11-27 15:59:53.999998] total packets received: 72382
2014-11-27 15:59:54.320 [2014-11-27 15:59:53.999998] command timeouts: 6
2014-11-27 15:59:54.320 [2014-11-27 15:59:53.999998] out of window: 64
2014-11-27 15:59:54.320 written: HHZ-1312 HH1-1529 HH2-1542 BDH-460 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-11-27 15:59:54.320 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-28 LH1-38 LH2-38 LDH-45
VMZ-1 VM1-1
2014-11-27 15:59:54.320 written: VM2-1 LOG-2 ACE-1 OCF-1
2014-11-27 15:59:54.320 [2014-11-27 15:59:53.999998] Done: 5031 recs. seq end:
20354103. run: 365 s
2014-11-28 04:00:48.420
2014-11-28 04:00:48.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-28 04:00:48.420 Control Port 2491 Opened
2014-11-28 04:00:48.420 Baler ready on Ethernet
2014-11-28 04:00:48.420 Power Cycled Baler Acknowledged
2014-11-28 04:00:48.420 Commands Accepted by Q330
2014-11-28 04:00:48.420 Access timeout: 300 sec
2014-11-28 04:00:48.420 Control Port 4023 Opened
2014-11-28 04:00:48.420 Data Port 4024 Opened
2014-11-28 04:00:48.420 Registered with Q330
2014-11-28 04:00:48.420 Combination Record Received
2014-11-28 04:00:48.420 window=4 Min. Timeout=10 Max. Timeout=30
2014-11-28 04:00:48.420 Link Reset, starting window sequence: 3647
2014-11-28 04:00:48.420 GPS Receiver ID Received
2014-11-28 04:00:48.420 Manufacturer's Data Received, Property Tag=2017
2014-11-28 04:00:48.420 Digitizer Gain & Offsets Received
2014-11-28 04:00:48.420 Msg From 192.168.200.119:Baler XX-2017 readback. 5031 recs.
seq end: 20354103
2014-11-28 04:00:48.420 Baler clock set to 2014-11-28 04:00:47
2014-11-28 04:00:48.420 Starting to Read DP Tokens
2014-11-28 04:00:48.420 DP Tokens loaded, size=1474 bytes
2014-11-28 04:00:48.420 Webserver advertising 192.168.200.119:5380
2014-11-28 04:00:48.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-28 04:00:48.420 filters & delay HH1:2@100,Linear all=0.320000
2014-11-28 04:00:48.420 filters & delay HH2:3@100,Linear all=0.320000
2014-11-28 04:00:48.420 filters & delay BDH:4@20,Linear all=1.650000
2014-11-28 04:00:48.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-28 04:00:48.420 filters & delay LH1:2@1,Linear all=15.000000
2014-11-28 04:00:48.420 filters & delay LH2:3@1,Linear all=15.000000
2014-11-28 04:00:48.420 filters & delay LDH:4@1,Linear all=15.000000
2014-11-28 04:00:48.420 [2014-11-27 15:59:53.999998] continuity found: 20354103
470419194.000000 Q=100
2014-11-28 04:00:48.420 [2014-11-27 15:59:53.999998] restoring continuity
2014-11-28 04:00:48.420 Sending DT_OPEN
2014-11-28 04:00:48.420 Station: XX-2017
2014-11-28 04:00:48.420 Q330 Serial Number: 0100000DB18FC351
2014-11-28 04:00:48.420 AMB Serial Number: 0100000B6909DD82
2014-11-28 04:00:48.420 Seismo 1 Serial Number: 0000000000000000
2014-11-28 04:00:48.420 Seismo 2 Serial Number: 0000000000000000
2014-11-28 04:00:48.420 QAPCHP 1 Serial Number: 4643206
2014-11-28 04:00:48.420 QAPCHP 2 Serial Number: 3743050
2014-11-28 04:00:48.420 KMI Property Tag Number: 2017
2014-11-28 04:00:48.420 System Software Version: 1.146
2014-11-28 04:00:48.420 Slave Processor Version: 1.11
2014-11-28 04:00:48.420 Calibrator Type: QCAL330
2014-11-28 04:00:48.420 Calibrator Version: 1.8
2014-11-28 04:00:48.420 Auxiliary Board Type: None
2014-11-28 04:00:48.420 Clock Type: Motorola M12
2014-11-28 04:00:48.420 PLD Version: 7.9

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2014-11-28 04:00:48.420 Total Hours: 70808.56  
 2014-11-28 04:00:48.420 Power On Hours: 35438.95  
 2014-11-28 04:00:48.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-28 04:00:48.420 Total Number of Boots: 120  
 2014-11-28 04:00:48.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-28 04:00:48.420 Total Number of Re-Syncs: 213  
 2014-11-28 04:00:48.420 Status Inputs: 00000000  
 2014-11-28 04:00:48.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-28 04:00:48.420 Clock Quality: 100%  
 2014-11-28 04:00:48.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-28 04:00:48.420 Clock Phase: -2 usec. max allowed=50000  
 2014-11-28 04:00:48.420 Boom positions:  
 2014-11-28 04:00:48.420 ch1: -2 ch2: 2 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-11-28 04:00:48.420 Analog Status  
 2014-11-28 04:00:48.420 Analog Positive Supply: 5.46V  
 2014-11-28 04:00:48.420 Input Voltage: 13.35V  
 2014-11-28 04:00:48.420 System Temperature: 5C  
 2014-11-28 04:00:48.420 Main Current: 63ma  
 2014-11-28 04:00:48.420 Antenna Current: 0ma  
 2014-11-28 04:00:48.420 GPS Status  
 2014-11-28 04:00:48.420 Time: 04:00:48  
 2014-11-28 04:00:48.420 Date:  
 2014-11-28 04:00:48.420 Fix Type: 1-D  
 2014-11-28 04:00:48.420 Height:  
 2014-11-28 04:00:48.420 Latitude:  
 2014-11-28 04:00:48.420 Longitude:  
 2014-11-28 04:00:48.420 On Time: 0min  
 2014-11-28 04:00:48.420 Sat. Used: 0  
 2014-11-28 04:00:48.420 In View: 0  
 2014-11-28 04:00:48.420 Checksum Errors: 0  
 2014-11-28 04:00:48.420 Last GPS timemark: 2014-11-28 04:00:47  
 2014-11-28 04:00:48.420 PLL Status  
 2014-11-28 04:00:48.420 State: Lock  
 2014-11-28 04:00:48.420 Initial VCO: 2200.372314  
 2014-11-28 04:00:48.420 Time Error: 0.000002  
 2014-11-28 04:00:48.420 RMS VCO: 0.0000000  
 2014-11-28 04:00:48.420 Best VCO: 2199.77  
 2014-11-28 04:00:48.420 Seconds Since Track or Lock: 0.0  
 2014-11-28 04:00:48.420 Vco Control: 2200  
 2014-11-28 04:00:48.420 timing mode: external seascan  
 2014-11-28 04:00:48.420 tempco normal  
 2014-11-28 04:00:48.420 PLL update: 10s PLL lock criterion: 5us  
 2014-11-28 04:00:48.420 Pfrac: 150.00  
 2014-11-28 04:00:48.420 VCO slope: -0.0175000  
 2014-11-28 04:00:48.420 VCO intercept: 7.1100001  
 2014-11-28 04:00:48.420 km delta: 600.0000000  
 2014-11-28 04:00:48.420 Logical Port 4 Status  
 2014-11-28 04:00:48.420 Data Packets Sent: 23467962  
 2014-11-28 04:00:48.420 Flood Packets Sent: 0  
 2014-11-28 04:00:48.420 Packets Re-Sent: 37378  
 2014-11-28 04:00:48.420 Sequence Errors: 0  
 2014-11-28 04:00:48.420 Packet Buffer Used: 24122712  
 2014-11-28 04:00:48.420 Physical Port: Ethernet  
 2014-11-28 04:00:48.420 Baler Model: 14 Software Version: 2.28  
 2014-11-28 04:00:48.420 MAC Address: 00:04:FB:00:02:EA  
 2014-11-28 04:00:48.420 Disk Size: 20000669696  
 2014-11-28 04:00:48.420 Percent of 1177 data files in use: 44.9  
 2014-11-28 04:00:48.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-28 04:00:48.420 Channel sensitivities (uV per count):  
 2014-11-28 04:00:48.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-28 04:00:48.420 Digitizer Calibration Results:  
 2014-11-28 04:00:48.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-28 04:00:48.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2014-11-28 04:00:48.420 DMU1 Software Version=10  
 2014-11-28 04:00:48.420 Supply Voltage=12.7  
 2014-11-28 04:00:48.420 Supply Current=0.41  
 2014-11-28 04:00:48.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-28 04:00:48.420 WebLink Data Maps Restored  
 2014-11-28 04:00:48.420 [2014-11-27 15:59:53.999998] sequence resumes: 20354103 to 20354103  
 2014-11-28 04:00:48.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-28 04:00:47  
 2014-11-28 04:05:00.030 [2014-11-28 00:00:00.000000] saving Configuration to Backup Memory  
 2014-11-28 04:07:01.860 Reducing Status Polling Interval  
 2014-11-28 04:07:01.860 [2014-11-28 04:07:01.999998] total packets received: 73367  
 2014-11-28 04:07:01.860 [2014-11-28 04:07:01.999998] command timeouts: 6  
 2014-11-28 04:07:01.860 [2014-11-28 04:07:01.999998] out of window: 75  
 2014-11-28 04:07:01.860 written: HHZ-1302 HH1-1517 HH2-1544 BDH-457 VEP-2 VEC-1 VEA-2 VKI-2 VCO-2  
 2014-11-28 04:07:01.860 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-34 LH2-34 LDH-42 VMZ-2 VM1-2  
 2014-11-28 04:07:01.860 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-11-28 04:07:01.860 [2014-11-28 04:07:01.999998] Done: 5002 recs. seq end: 20397731. run: 371 s  
 2014-11-28 16:07:57.390  
 2014-11-28 16:07:57.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-28 16:07:57.390 Control Port 2491 Opened  
 2014-11-28 16:07:57.390 Baler ready on Ethernet  
 2014-11-28 16:07:57.390 Power Cycled Baler Acknowledged  
 2014-11-28 16:07:57.390 Commands Accepted by Q330  
 2014-11-28 16:07:57.390 Access timeout: 300 sec  
 2014-11-28 16:07:57.390 Control Port 4023 Opened  
 2014-11-28 16:07:57.390 Data Port 4024 Opened  
 2014-11-28 16:07:57.390 Registered with Q330  
 2014-11-28 16:07:57.390 Combination Record Received  
 2014-11-28 16:07:57.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-28 16:07:57.390 Link Reset, starting window sequence: 11365  
 2014-11-28 16:07:57.390 GPS Receiver ID Received  
 2014-11-28 16:07:57.390 Manufacturer's Data Received, Property Tag=2017  
 2014-11-28 16:07:57.390 Digitizer Gain & Offsets Received  
 2014-11-28 16:07:57.390 Msg From 192.168.200.119:Baler XX-2017 readback. 5002 recs. seq end: 20397731  
 2014-11-28 16:07:57.390 Baler clock set to 2014-11-28 16:07:56  
 2014-11-28 16:07:57.390 Starting to Read DP Tokens  
 2014-11-28 16:07:57.390 DP Tokens loaded, size=1474 bytes  
 2014-11-28 16:07:57.390 webserver advertising 192.168.200.119:5380  
 2014-11-28 16:07:57.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-28 16:07:57.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-28 16:07:57.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-28 16:07:57.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-28 16:07:57.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-28 16:07:57.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-28 16:07:57.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-11-28 16:07:57.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-11-28 16:07:57.390 [2014-11-28 04:07:01.999998] continuity found: 20397731 470462822.000000 Q=100  
 2014-11-28 16:07:57.390 [2014-11-28 04:07:01.999998] restoring continuity  
 2014-11-28 16:07:57.390 Sending DT\_OPEN  
 2014-11-28 16:07:57.390 Station: XX-2017  
 2014-11-28 16:07:57.390 Q330 Serial Number: 0100000DB18FC351  
 2014-11-28 16:07:57.390 AMB Serial Number: 0100000B6909DD82  
 2014-11-28 16:07:57.390 Seismo 1 Serial Number: 0000000000000000  
 2014-11-28 16:07:57.390 Seismo 2 Serial Number: 0000000000000000  
 2014-11-28 16:07:57.390 QAPCHP 1 Serial Number: 4643206  
 2014-11-28 16:07:57.390 QAPCHP 2 Serial Number: 3743050

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2014-11-28 16:07:57.390 KMI Property Tag Number: 2017  
 2014-11-28 16:07:57.390 System Software Version: 1.146  
 2014-11-28 16:07:57.390 Slave Processor Version: 1.11  
 2014-11-28 16:07:57.390 Calibrator Type: QCAL330  
 2014-11-28 16:07:57.390 Calibrator Version: 1.8  
 2014-11-28 16:07:57.390 Auxiliary Board Type: None  
 2014-11-28 16:07:57.390 Clock Type: Motorola M12  
 2014-11-28 16:07:57.390 PLD Version: 7.9  
 2014-11-28 16:07:57.390 Total Hours: 70820.68  
 2014-11-28 16:07:57.390 Power On Hours: 35451.07  
 2014-11-28 16:07:57.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-28 16:07:57.390 Total Number of Boots: 120  
 2014-11-28 16:07:57.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-28 16:07:57.390 Total Number of Re-Syncs: 213  
 2014-11-28 16:07:57.390 Status Inputs: 00000000  
 2014-11-28 16:07:57.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-11-28 16:07:57.390 Clock Quality: 100%  
 2014-11-28 16:07:57.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-28 16:07:57.390 Clock Phase: 0 usec. max allowed=50000  
 2014-11-28 16:07:57.390 Boom positions:  
 2014-11-28 16:07:57.390 ch1: -2 ch2: 1 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-11-28 16:07:57.390 Analog Status  
 2014-11-28 16:07:57.390 Analog Positive Supply: 5.46V  
 2014-11-28 16:07:57.390 Input Voltage: 13.05V  
 2014-11-28 16:07:57.390 System Temperature: 5C  
 2014-11-28 16:07:57.390 Antenna Current: 0ma  
 2014-11-28 16:07:57.390 GPS Status  
 2014-11-28 16:07:57.390 Time: 16:07:56  
 2014-11-28 16:07:57.390 Date:  
 2014-11-28 16:07:57.390 Fix Type: 1-D  
 2014-11-28 16:07:57.390 Height:  
 2014-11-28 16:07:57.390 Latitude:  
 2014-11-28 16:07:57.390 Longitude:  
 2014-11-28 16:07:57.390 On Time: 0min  
 2014-11-28 16:07:57.390 Sat. Used: 0  
 2014-11-28 16:07:57.390 In View: 0  
 2014-11-28 16:07:57.390 Checksum Errors: 0  
 2014-11-28 16:07:57.390 Last GPS timemark: 2014-11-28 16:07:55  
 2014-11-28 16:07:57.390 PLL Status  
 2014-11-28 16:07:57.390 State: Lock  
 2014-11-28 16:07:57.390 Initial VCO: 2199.874268  
 2014-11-28 16:07:57.390 Time Error: 0.000000  
 2014-11-28 16:07:57.390 RMS VCO: 0.000000  
 2014-11-28 16:07:57.390 Best VCO: 2199.92  
 2014-11-28 16:07:57.390 Seconds Since Track or Lock: 0.0  
 2014-11-28 16:07:57.390 vco Control: 2200  
 2014-11-28 16:07:57.390 timing mode: external seascan  
 2014-11-28 16:07:57.390 tempco normal  
 2014-11-28 16:07:57.390 PLL update: 10s PLL lock criterion: 5us  
 2014-11-28 16:07:57.390 Pfrac: 150.00  
 2014-11-28 16:07:57.390 VCO slope: -0.0175000  
 2014-11-28 16:07:57.390 VCO intercept: 7.1100001  
 2014-11-28 16:07:57.390 Km delta: 600.0000000  
 2014-11-28 16:07:57.390 Logical Port 4 Status  
 2014-11-28 16:07:57.390 Data Packets Sent: 23541221  
 2014-11-28 16:07:57.390 Flood Packets Sent: 0  
 2014-11-28 16:07:57.390 Packets Re-Sent: 37469  
 2014-11-28 16:07:57.390 Sequence Errors: 0  
 2014-11-28 16:07:57.390 Packet Buffer Used: 23483864  
 2014-11-28 16:07:57.390 Physical Port: Ethernet  
 2014-11-28 16:07:57.390 Baler Model: 14 Software Version: 2.28  
 2014-11-28 16:07:57.390 MAC Address: 00:04:FB:00:02:EA  
 2014-11-28 16:07:57.390 Disk Size: 20000669696



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2014-11-28 16:07:57.390 Percent of 1177 data files in use: 45.0
2014-11-28 16:07:57.390 Channels Enabled: 1234 Preamps ON channels:
2014-11-28 16:07:57.390 Channel Sensitivities (uV per count):
2014-11-28 16:07:57.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-28 16:07:57.390 Digitizer Calibration Results:
2014-11-28 16:07:57.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-28 16:07:57.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-28 16:07:57.390 DMU1 Software Version=10
2014-11-28 16:07:57.390 Supply Voltage=12.5
2014-11-28 16:07:57.390 Supply Current=0.41
2014-11-28 16:07:57.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-28 16:07:57.390 WebLink Data Maps Restored
2014-11-28 16:07:57.390 [2014-11-28 04:07:01.999998] sequence resumes: 20397731 to
20397731
2014-11-28 16:07:57.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-28 16:07:56
2014-11-28 16:13:53.690 Reducing Status Polling Interval
2014-11-28 16:13:53.690 [2014-11-28 16:13:52.999998] total packets received: 61172
2014-11-28 16:13:53.690 [2014-11-28 16:13:52.999998] command timeouts: 6
2014-11-28 16:13:53.690 [2014-11-28 16:13:52.999998] out of window: 71
2014-11-28 16:13:53.690 written: HHZ-1269 HH1-1486 HH2-1468 BDH-457 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-11-28 16:13:53.690 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-31 LH2-32 LDH-41
VMZ-2 VM1-2
2014-11-28 16:13:53.690 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-11-28 16:13:53.690 [2014-11-28 16:13:52.999998] Done: 4853 recs. seq end:
20441342. run: 352 s
2014-11-29 04:14:45.380
2014-11-29 04:14:45.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-29 04:14:45.380 Control Port 2491 Opened
2014-11-29 04:14:45.380 Baler ready on Ethernet
2014-11-29 04:14:45.380 Power Cycled Baler Acknowledged
2014-11-29 04:14:45.380 Commands Accepted by Q330
2014-11-29 04:14:45.380 Access timeout: 300 sec
2014-11-29 04:14:45.380 Control Port 4023 Opened
2014-11-29 04:14:45.380 Data Port 4024 Opened
2014-11-29 04:14:45.380 Registered with Q330
2014-11-29 04:14:45.380 Combination Record Received
2014-11-29 04:14:45.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-11-29 04:14:45.380 Link Reset, starting window sequence: 6893
2014-11-29 04:14:45.380 GPS Receiver ID Received
2014-11-29 04:14:45.380 Manufacturer's Data Received, Property Tag=2017
2014-11-29 04:14:45.380 Digitizer Gain & Offsets Received
2014-11-29 04:14:45.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4853 recs.
seq end: 20441342
2014-11-29 04:14:45.380 Baler clock set to 2014-11-29 04:14:44
2014-11-29 04:14:45.380 Starting to Read DP Tokens
2014-11-29 04:14:45.380 DP Tokens loaded, size=1474 bytes
2014-11-29 04:14:45.380 Webserver advertising 192.168.200.119:5380
2014-11-29 04:14:45.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-11-29 04:14:45.380 filters & delay HH1:2@100,Linear all=0.320000
2014-11-29 04:14:45.380 filters & delay HH2:3@100,Linear all=0.320000
2014-11-29 04:14:45.380 filters & delay BDH:4@20,Linear all=1.650000
2014-11-29 04:14:45.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-29 04:14:45.380 filters & delay LH1:2@1,Linear all=15.000000
2014-11-29 04:14:45.380 filters & delay LH2:3@1,Linear all=15.000000
2014-11-29 04:14:45.380 filters & delay LDH:4@1,Linear all=15.000000
2014-11-29 04:14:45.380 [2014-11-28 16:13:52.999998] continuity found: 20441342
470506433.000000 Q=100
2014-11-29 04:14:45.380 [2014-11-28 16:13:52.999998] restoring continuity
2014-11-29 04:14:45.380 Sending DT_OPEN
2014-11-29 04:14:45.380 Station: XX-2017
2014-11-29 04:14:45.380 Q330 Serial Number: 0100000DB18FC351

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2014-11-29 04:14:45.380 AMB Serial Number: 0100000B6909DD82  
 2014-11-29 04:14:45.380 Seismo 1 Serial Number: 0000000000000000  
 2014-11-29 04:14:45.380 Seismo 2 Serial Number: 0000000000000000  
 2014-11-29 04:14:45.380 QAPCHP 1 Serial Number: 4643206  
 2014-11-29 04:14:45.380 QAPCHP 2 Serial Number: 3743050  
 2014-11-29 04:14:45.380 KMI Property Tag Number: 2017  
 2014-11-29 04:14:45.380 System Software Version: 1.146  
 2014-11-29 04:14:45.380 Slave Processor Version: 1.11  
 2014-11-29 04:14:45.380 Calibrator Type: QCAL330  
 2014-11-29 04:14:45.380 Calibrator Version: 1.8  
 2014-11-29 04:14:45.380 Auxiliary Board Type: None  
 2014-11-29 04:14:45.380 Clock Type: Motorola M12  
 2014-11-29 04:14:45.380 PLD Version: 7.9  
 2014-11-29 04:14:45.380 Total Hours: 70832.79  
 2014-11-29 04:14:45.380 Power On Hours: 35463.18  
 2014-11-29 04:14:45.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-11-29 04:14:45.380 Total Number of Boots: 120  
 2014-11-29 04:14:45.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-11-29 04:14:45.380 Total Number of Re-Syncs: 213  
 2014-11-29 04:14:45.380 Status Inputs: 00000000  
 2014-11-29 04:14:45.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-11-29 04:14:45.380 Clock Quality: 100%  
 2014-11-29 04:14:45.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-11-29 04:14:45.380 Clock Phase: 0 usec. max allowed=50000  
 2014-11-29 04:14:45.380 Boom positions:  
 2014-11-29 04:14:45.380 Ch1: -2 Ch2: 1 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-11-29 04:14:45.380 Analog Status  
 2014-11-29 04:14:45.380 Analog Positive Supply: 5.46V  
 2014-11-29 04:14:45.380 Input Voltage: 13.20V  
 2014-11-29 04:14:45.380 System Temperature: 5C  
 2014-11-29 04:14:45.380 Main Current: 61ma  
 2014-11-29 04:14:45.380 Antenna Current: 0ma  
 2014-11-29 04:14:45.380 GPS Status  
 2014-11-29 04:14:45.380 Time: 04:14:44  
 2014-11-29 04:14:45.380 Date:  
 2014-11-29 04:14:45.380 Fix Type: 1-D  
 2014-11-29 04:14:45.380 Height:  
 2014-11-29 04:14:45.380 Latitude:  
 2014-11-29 04:14:45.380 Longitude:  
 2014-11-29 04:14:45.380 On Time: 0min  
 2014-11-29 04:14:45.380 Sat. Used: 0  
 2014-11-29 04:14:45.380 In View: 0  
 2014-11-29 04:14:45.380 Checksum Errors: 0  
 2014-11-29 04:14:45.380 Last GPS timemark: 2014-11-29 04:14:43  
 2014-11-29 04:14:45.380 PLL Status  
 2014-11-29 04:14:45.380 State: Lock  
 2014-11-29 04:14:45.380 Initial VCO: 2200.689697  
 2014-11-29 04:14:45.380 Time Error: 0.000000  
 2014-11-29 04:14:45.380 RMS VCO: 0.000000  
 2014-11-29 04:14:45.380 Best VCO: 2201.36  
 2014-11-29 04:14:45.380 Seconds Since Track or Lock: 0.0  
 2014-11-29 04:14:45.380 Vco Control: 2200  
 2014-11-29 04:14:45.380 timing mode: external seascan  
 2014-11-29 04:14:45.380 tempco normal  
 2014-11-29 04:14:45.380 PLL update: 10s PLL lock criterion: 5us  
 2014-11-29 04:14:45.380 Pfrac: 150.00  
 2014-11-29 04:14:45.380 VCO slope: -0.0175000  
 2014-11-29 04:14:45.380 VCO intercept: 7.1100001  
 2014-11-29 04:14:45.380 Km delta: 600.000000  
 2014-11-29 04:14:45.380 Logical Port 4 Status  
 2014-11-29 04:14:45.380 Data Packets Sent: 23602290  
 2014-11-29 04:14:45.380 Flood Packets Sent: 0  
 2014-11-29 04:14:45.380 Packets Re-Sent: 37553

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2014-11-29 04:14:45.380 Sequence Errors: 0  
 2014-11-29 04:14:45.380 Packet Buffer Used: 22843224  
 2014-11-29 04:14:45.380 Physical Port: Ethernet  
 2014-11-29 04:14:45.380 Baler Model: 14 Software Version: 2.28  
 2014-11-29 04:14:45.380 MAC Address: 00:04:FB:00:02:EA  
 2014-11-29 04:14:45.380 Disk Size: 20000669696  
 2014-11-29 04:14:45.380 Percent of 1177 data files in use: 45.3  
 2014-11-29 04:14:45.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-29 04:14:45.380 Channel Sensitivities (uV per count):  
 2014-11-29 04:14:45.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-29 04:14:45.380 Digitizer Calibration Results:  
 2014-11-29 04:14:45.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-29 04:14:45.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-29 04:14:45.380 DMU1 Software Version=10  
 2014-11-29 04:14:45.380 Supply Voltage=12.7  
 2014-11-29 04:14:45.380 Supply Current=0.40  
 2014-11-29 04:14:45.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-29 04:14:45.380 WebLink Data Maps Restored  
 2014-11-29 04:14:45.380 [2014-11-28 16:13:52.999998] sequence resumes: 20441342 to 20441342  
 2014-11-29 04:14:45.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-11-29 04:14:44  
 2014-11-29 04:18:26.230 [2014-11-29 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-11-29 04:20:26.790 Reducing Status Polling Interval  
 2014-11-29 04:20:26.790 [2014-11-29 04:20:26.000000] total packets received: 53125  
 2014-11-29 04:20:26.790 [2014-11-29 04:20:26.000000] command timeouts: 6  
 2014-11-29 04:20:26.790 [2014-11-29 04:20:26.000000] out of window: 59  
 2014-11-29 04:20:26.790 written: HHZ-1223 HH1-1416 HH2-1434 BDH-451 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-11-29 04:20:26.790 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-34  
 VMZ-1 VM1-1  
 2014-11-29 04:20:26.790 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-11-29 04:20:26.790 [2014-11-29 04:20:26.000000] Done: 4675 recs. seq end: 20484935. run: 337 s  
 2014-11-29 16:21:21.390  
 2014-11-29 16:21:21.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-29 16:21:21.390 Control Port 2491 Opened  
 2014-11-29 16:21:21.390 Baler ready on Ethernet  
 2014-11-29 16:21:21.390 Power Cycled Baler Acknowledged  
 2014-11-29 16:21:21.390 Commands Accepted by Q330  
 2014-11-29 16:21:21.390 Access timeout: 300 sec  
 2014-11-29 16:21:21.390 Control Port 4023 Opened  
 2014-11-29 16:21:21.390 Data Port 4024 Opened  
 2014-11-29 16:21:21.390 Registered with Q330  
 2014-11-29 16:21:21.390 Combination Record Received  
 2014-11-29 16:21:21.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-29 16:21:21.390 Link Reset, starting window sequence: 59923  
 2014-11-29 16:21:21.390 GPS Receiver ID Received  
 2014-11-29 16:21:21.390 Manufacturer's Data Received, Property Tag=2017  
 2014-11-29 16:21:21.390 Digitizer Gain & Offsets Received  
 2014-11-29 16:21:21.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4675 recs. seq end: 20484935  
 2014-11-29 16:21:21.390 Baler clock set to 2014-11-29 16:21:20  
 2014-11-29 16:21:21.390 Starting to Read DP Tokens  
 2014-11-29 16:21:21.390 DP Tokens loaded, size=1474 bytes  
 2014-11-29 16:21:21.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-11-29 16:21:21.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-11-29 16:21:21.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-11-29 16:21:21.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-11-29 16:21:21.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-11-29 16:21:21.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-11-29 16:21:21.390 filters & delay LH2:3@1,Linear all=15.000000

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2014-11-29 16:21:21.390 filters & delay LDH:4@1,Linear all=15.000000
2014-11-29 16:21:21.390 [2014-11-29 04:20:26.000000] continuity found: 20484935
470550026.000000 Q=100
2014-11-29 16:21:21.390 [2014-11-29 04:20:26.000000] restoring continuity
2014-11-29 16:21:21.390 Sending DT_OPEN
2014-11-29 16:21:21.390 Station: XX-2017
2014-11-29 16:21:21.390 Q330 Serial Number: 0100000DB18FC351
2014-11-29 16:21:21.390 AMB Serial Number: 0100000B6909DD82
2014-11-29 16:21:21.390 Seismo 1 Serial Number: 0000000000000000
2014-11-29 16:21:21.390 Seismo 2 Serial Number: 0000000000000000
2014-11-29 16:21:21.390 QAPCHP 1 Serial Number: 4643206
2014-11-29 16:21:21.390 QAPCHP 2 Serial Number: 3743050
2014-11-29 16:21:21.390 KMI Property Tag Number: 2017
2014-11-29 16:21:21.390 System Software Version: 1.146
2014-11-29 16:21:21.390 Slave Processor Version: 1.11
2014-11-29 16:21:21.390 Calibrator Type: QCAL330
2014-11-29 16:21:21.390 Calibrator Version: 1.8
2014-11-29 16:21:21.390 Auxiliary Board Type: None
2014-11-29 16:21:21.390 Clock Type: Motorola M12
2014-11-29 16:21:21.390 PLD Version: 7.9
2014-11-29 16:21:21.390 Total Hours: 70844.90
2014-11-29 16:21:21.390 Power On Hours: 35475.29
2014-11-29 16:21:21.390 Time of Last Boot: 2014-04-06 02:03:58
2014-11-29 16:21:21.390 Total Number of Boots: 120
2014-11-29 16:21:21.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-29 16:21:21.390 Total Number of Re-Syncs: 213
2014-11-29 16:21:21.390 Status Inputs: 00000000
2014-11-29 16:21:21.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-11-29 16:21:21.390 Clock Quality: 100%
2014-11-29 16:21:21.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-29 16:21:21.390 Clock Phase: 0 usec. max allowed=50000
2014-11-29 16:21:21.390 Boom positions:
2014-11-29 16:21:21.390 ch1: -2 ch2: 1 ch3: 6 ch4: 20 ch5: 20 ch6: 20
2014-11-29 16:21:21.390 Analog Status
2014-11-29 16:21:21.390 Analog Positive Supply: 5.46v
2014-11-29 16:21:21.390 Input Voltage: 13.20V
2014-11-29 16:21:21.390 System Temperature: 5C
2014-11-29 16:21:21.390 Main Current: 62ma
2014-11-29 16:21:21.390 Antenna Current: 0ma
2014-11-29 16:21:21.390 GPS Status
2014-11-29 16:21:21.390 Time: 16:21:20
2014-11-29 16:21:21.390 Date:
2014-11-29 16:21:21.390 Fix Type: 1-D
2014-11-29 16:21:21.390 Height:
2014-11-29 16:21:21.390 Latitude:
2014-11-29 16:21:21.390 Longitude:
2014-11-29 16:21:21.390 On Time: 0min
2014-11-29 16:21:21.390 Sat. Used: 0
2014-11-29 16:21:21.390 In View: 0
2014-11-29 16:21:21.390 Checksum Errors: 0
2014-11-29 16:21:21.390 Last GPS timemark: 2014-11-29 16:21:19
2014-11-29 16:21:21.390 PLL Status
2014-11-29 16:21:21.390 State: Lock
2014-11-29 16:21:21.390 Initial VCO: 2200.479980
2014-11-29 16:21:21.390 Time Error: 0.000000
2014-11-29 16:21:21.390 RMS VCO: 0.0000000
2014-11-29 16:21:21.390 Best VCO: 2200.43
2014-11-29 16:21:21.390 Seconds Since Track or Lock: 0.0
2014-11-29 16:21:21.390 Vco Control: 2200
2014-11-29 16:21:21.390 timing mode: external seascan
2014-11-29 16:21:21.390 tempco normal
2014-11-29 16:21:21.390 PLL update: 10s PLL lock criterion: 5us
2014-11-29 16:21:21.390 Pfrac: 150.00

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2014-11-29 16:21:21.390 VCO slope: -0.0175000  
 2014-11-29 16:21:21.390 VCO intercept: 7.1100001  
 2014-11-29 16:21:21.390 Km delta: 600.0000000  
 2014-11-29 16:21:21.390 Logical Port 4 Status  
 2014-11-29 16:21:21.390 Data Packets Sent: 23655325  
 2014-11-29 16:21:21.390 Flood Packets Sent: 0  
 2014-11-29 16:21:21.390 Packets Re-Sent: 37627  
 2014-11-29 16:21:21.390 Sequence Errors: 0  
 2014-11-29 16:21:21.390 Packet Buffer Used: 21868944  
 2014-11-29 16:21:21.390 Physical Port: Ethernet  
 2014-11-29 16:21:21.390 Baler Model: 14 Software Version: 2.28  
 2014-11-29 16:21:21.390 MAC Address: 00:04:FB:00:02:EA  
 2014-11-29 16:21:21.390 Disk Size: 20000669696  
 2014-11-29 16:21:21.390 Percent of 1177 data files in use: 45.4  
 2014-11-29 16:21:21.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-11-29 16:21:21.390 Channel sensitivities (uV per count):  
 2014-11-29 16:21:21.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-11-29 16:21:21.390 Digitizer Calibration Results:  
 2014-11-29 16:21:21.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-11-29 16:21:21.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-11-29 16:21:21.390 DMU1 Software Version=10  
 2014-11-29 16:21:21.390 Supply Voltage=12.6  
 2014-11-29 16:21:21.390 Supply Current=0.41  
 2014-11-29 16:21:21.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-11-29 16:21:21.390 WebLink Data Maps Restored  
 2014-11-29 16:21:21.390 [2014-11-29 04:20:26.000000] sequence resumes: 20484935 to  
 20484935  
 2014-11-29 16:21:21.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-11-29 16:21:20  
 2014-11-29 16:26:45.720 Reducing Status Polling Interval  
 2014-11-29 16:26:45.720 [2014-11-29 16:26:44.999998] total packets received: 45521  
 2014-11-29 16:26:45.720 [2014-11-29 16:26:44.999998] command timeouts: 6  
 2014-11-29 16:26:45.720 [2014-11-29 16:26:44.999998] out of window: 58  
 2014-11-29 16:26:45.720 written: HHZ-1130 HH1-1351 HH2-1383 BDH-439 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-11-29 16:26:45.720 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-27  
 VMZ-2 VM1-2  
 2014-11-29 16:26:45.720 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-11-29 16:26:45.720 [2014-11-29 16:26:44.999998] Done: 4448 recs. seq end:  
 20528514. run: 320 s  
 2014-11-30 04:27:39.390  
 2014-11-30 04:27:39.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-11-30 04:27:39.390 Control Port 2491 Opened  
 2014-11-30 04:27:39.390 Baler ready on Ethernet  
 2014-11-30 04:27:39.390 Power Cycled Baler Acknowledged  
 2014-11-30 04:27:39.390 Commands Accepted by Q330  
 2014-11-30 04:27:39.390 Access timeout: 300 sec  
 2014-11-30 04:27:39.390 Control Port 4023 Opened  
 2014-11-30 04:27:39.390 Data Port 4024 Opened  
 2014-11-30 04:27:39.390 Registered with Q330  
 2014-11-30 04:27:39.390 Combination Record Received  
 2014-11-30 04:27:39.390 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-11-30 04:27:39.390 Link Reset, starting window sequence: 39815  
 2014-11-30 04:27:39.390 GPS Receiver ID Received  
 2014-11-30 04:27:39.390 Manufacturer's Data Received, Property Tag=2017  
 2014-11-30 04:27:39.390 Digitizer Gain & Offsets Received  
 2014-11-30 04:27:39.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4448 recs.  
 seq end: 20528514  
 2014-11-30 04:27:39.390 Baler clock set to 2014-11-30 04:27:38  
 2014-11-30 04:27:39.390 Starting to Read DP Tokens  
 2014-11-30 04:27:39.390 DP Tokens loaded, size=1474 bytes  
 2014-11-30 04:27:39.390 Webserver advertising 192.168.200.119:5380  
 2014-11-30 04:27:39.390 filters & delay HHZ:1@100,Linear all=0.320000

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2014-11-30 04:27:39.390 filters & delay HH1:2@100,Linear all=0.320000
2014-11-30 04:27:39.390 filters & delay HH2:3@100,Linear all=0.320000
2014-11-30 04:27:39.390 filters & delay BDH:4@20,Linear all=1.650000
2014-11-30 04:27:39.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-11-30 04:27:39.390 filters & delay LH1:2@1,Linear all=15.000000
2014-11-30 04:27:39.390 filters & delay LH2:3@1,Linear all=15.000000
2014-11-30 04:27:39.390 filters & delay LDH:4@1,Linear all=15.000000
2014-11-30 04:27:39.390 [2014-11-29 16:26:44.999998] continuity found: 20528514
470593605.000000 Q=100
2014-11-30 04:27:39.390 [2014-11-29 16:26:44.999998] restoring continuity
2014-11-30 04:27:39.390 Sending DT_OPEN
2014-11-30 04:27:39.390 Station: XX-2017
2014-11-30 04:27:39.390 Q330 Serial Number: 0100000DB18FC351
2014-11-30 04:27:39.390 AMB Serial Number: 0100000B6909DD82
2014-11-30 04:27:39.390 Seismo 1 Serial Number: 0000000000000000
2014-11-30 04:27:39.390 Seismo 2 Serial Number: 0000000000000000
2014-11-30 04:27:39.390 QAPCHP 1 Serial Number: 4643206
2014-11-30 04:27:39.390 QAPCHP 2 Serial Number: 3743050
2014-11-30 04:27:39.390 KMI Property Tag Number: 2017
2014-11-30 04:27:39.390 System Software Version: 1.146
2014-11-30 04:27:39.390 Slave Processor Version: 1.11
2014-11-30 04:27:39.390 Calibrator Type: QCAL330
2014-11-30 04:27:39.390 Calibrator Version: 1.8
2014-11-30 04:27:39.390 Auxiliary Board Type: None
2014-11-30 04:27:39.390 Clock Type: Motorola M12
2014-11-30 04:27:39.390 PLD Version: 7.9
2014-11-30 04:27:39.390 Total Hours: 70857.01
2014-11-30 04:27:39.390 Power On Hours: 35487.40
2014-11-30 04:27:39.390 Time of Last Boot: 2014-04-06 02:03:58
2014-11-30 04:27:39.390 Total Number of Boots: 120
2014-11-30 04:27:39.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-11-30 04:27:39.390 Total Number of Re-Syncs: 213
2014-11-30 04:27:39.390 Status Inputs: 00000000
2014-11-30 04:27:39.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-11-30 04:27:39.390 Clock Quality: 100%
2014-11-30 04:27:39.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-11-30 04:27:39.390 Clock Phase: 0 usec. max allowed=50000
2014-11-30 04:27:39.390 Boom positions:
2014-11-30 04:27:39.390 ch1: -2 ch2: 0 ch3: 7 ch4: 20 ch5: 20 ch6: 20
2014-11-30 04:27:39.390 Analog Status
2014-11-30 04:27:39.390 Analog Positive Supply: 5.46V
2014-11-30 04:27:39.390 Input Voltage: 13.35V
2014-11-30 04:27:39.390 System Temperature: 5C
2014-11-30 04:27:39.390 Main Current: 62ma
2014-11-30 04:27:39.390 Antenna Current: 0ma
2014-11-30 04:27:39.390 GPS Status
2014-11-30 04:27:39.390 Time: 04:27:37
2014-11-30 04:27:39.390 Date:
2014-11-30 04:27:39.390 Fix Type: 1-D
2014-11-30 04:27:39.390 Height:
2014-11-30 04:27:39.390 Latitude:
2014-11-30 04:27:39.390 Longitude:
2014-11-30 04:27:39.390 On Time: 0min
2014-11-30 04:27:39.390 Sat. Used: 0
2014-11-30 04:27:39.390 In View: 0
2014-11-30 04:27:39.390 Checksum Errors: 0
2014-11-30 04:27:39.390 Last GPS timemark: 2014-11-30 04:27:36
2014-11-30 04:27:39.390 PLL Status
2014-11-30 04:27:39.390 State: Lock
2014-11-30 04:27:39.390 Initial VCO: 2200.339844
2014-11-30 04:27:39.390 Time Error: 0.000000
2014-11-30 04:27:39.390 RMS VCO: 0.0000000
2014-11-30 04:27:39.390 Best VCO: 2200.32

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2014-11-30 04:27:39.390 Seconds Since Track or Lock: 0.0
2014-11-30 04:27:39.390 Vco Control: 2200
2014-11-30 04:27:39.390 timing mode: external seascan
2014-11-30 04:27:39.390 tempco normal
2014-11-30 04:27:39.390 PLL update: 10s  PLL lock criterion: 5us
2014-11-30 04:27:39.390 Pfrac: 150.00
2014-11-30 04:27:39.390 VCO slope: -0.0175000
2014-11-30 04:27:39.390 VCO intercept: 7.1100001
2014-11-30 04:27:39.390 km delta: 600.0000000
2014-11-30 04:27:39.390 Logical Port 4 Status
2014-11-30 04:27:39.390 Data Packets Sent: 23700758
2014-11-30 04:27:39.390 Flood Packets Sent: 0
2014-11-30 04:27:39.390 Packets Re-Sent: 37699
2014-11-30 04:27:39.390 Sequence Errors: 0
2014-11-30 04:27:39.390 Packet Buffer Used: 21826780
2014-11-30 04:27:39.390 Physical Port: Ethernet
2014-11-30 04:27:39.390 Baler Model: 14  Software Version: 2.28
2014-11-30 04:27:39.390 MAC Address: 00:04:FB:00:02:EA
2014-11-30 04:27:39.390 Disk Size: 20000669696
2014-11-30 04:27:39.390 Percent of 1177 data files in use: 45.4
2014-11-30 04:27:39.390 Channels Enabled: 1234  Preamps ON channels:
2014-11-30 04:27:39.390 Channel Sensitivities (uV per count):
2014-11-30 04:27:39.390 Digitizer Calibration Results:
2014-11-30 04:27:39.390 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2014-11-30 04:27:39.390 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2014-11-30 04:27:39.390 DMU1 Software Version=10
2014-11-30 04:27:39.390 Supply Voltage=12.7
2014-11-30 04:27:39.390 Supply Current=0.40
2014-11-30 04:27:39.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-30 04:27:39.390 WebLink Data Maps Restored
2014-11-30 04:27:39.390 [2014-11-29 16:26:44.999998] sequence resumes: 20528514 to
20528514
2014-11-30 04:27:39.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-30 04:27:38
2014-11-30 04:30:58.440 [2014-11-30 00:00:00.000000] Saving Configuration to Backup
Memory
2014-11-30 04:33:04.710 Reducing Status Polling Interval
2014-11-30 04:33:04.710 [2014-11-30 04:33:02.999998] total packets received: 46673
2014-11-30 04:33:04.710 [2014-11-30 04:33:02.999998] command timeouts: 6
2014-11-30 04:33:04.710 [2014-11-30 04:33:02.999998] out of window: 63
2014-11-30 04:33:04.710 written: HHZ-1140 HH1-1365 HH2-1369 BDH-417 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-11-30 04:33:04.710 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-11-30 04:33:04.710 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-11-30 04:33:04.710 [2014-11-30 04:33:02.999998] Done: 4432 recs. seq end:
20572092. run: 321 s
2014-11-30 16:33:57.380
2014-11-30 16:33:57.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-11-30 16:33:57.380 Control Port 2491 Opened
2014-11-30 16:33:57.380 Baler ready on Ethernet
2014-11-30 16:33:57.380 Power Cycled Baler Acknowledged
2014-11-30 16:33:57.380 Commands Accepted by Q330
2014-11-30 16:33:57.380 Access timeout: 300 sec
2014-11-30 16:33:57.380 Control Port 4023 Opened
2014-11-30 16:33:57.380 Data Port 4024 Opened
2014-11-30 16:33:57.380 Registered with Q330
2014-11-30 16:33:57.380 Combination Record Received
2014-11-30 16:33:57.380 window=4  Min. Timeout=10  Max. Timeout=30
2014-11-30 16:33:57.380 Link Reset, starting window sequence: 20854
2014-11-30 16:33:57.380 GPS Receiver ID Received
2014-11-30 16:33:57.380 Manufacturer's Data Received, Property Tag=2017
2014-11-30 16:33:57.380 Digitizer Gain & Offsets Received

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2014-11-30 16:33:57.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4432 recs.  
seq end: 20572092  
2014-11-30 16:33:57.380 Baler clock set to 2014-11-30 16:33:56  
2014-11-30 16:33:57.380 Starting to Read DP Tokens  
2014-11-30 16:33:57.380 DP Tokens loaded, size=1474 bytes  
2014-11-30 16:33:57.380 webserver advertising 192.168.200.119:5380  
2014-11-30 16:33:57.380 filters & delay HHZ:1@100,Linear all=0.320000  
2014-11-30 16:33:57.380 filters & delay HH1:2@100,Linear all=0.320000  
2014-11-30 16:33:57.380 filters & delay HH2:3@100,Linear all=0.320000  
2014-11-30 16:33:57.380 filters & delay BDH:4@20,Linear all=1.650000  
2014-11-30 16:33:57.380 filters & delay LHZ:1@1,Linear all=15.000000  
2014-11-30 16:33:57.380 filters & delay LH1:2@1,Linear all=15.000000  
2014-11-30 16:33:57.380 filters & delay LH2:3@1,Linear all=15.000000  
2014-11-30 16:33:57.380 filters & delay LDH:4@1,Linear all=15.000000  
2014-11-30 16:33:57.380 [2014-11-30 04:33:02.999998] continuity found: 20572092  
470637183.000000 Q=100  
2014-11-30 16:33:57.380 [2014-11-30 04:33:02.999998] restoring continuity  
2014-11-30 16:33:57.380 Sending DT\_OPEN  
2014-11-30 16:33:57.380 Station: XX-2017  
2014-11-30 16:33:57.380 Q330 Serial Number: 0100000DB18FC351  
2014-11-30 16:33:57.380 AMB Serial Number: 0100000B6909DD82  
2014-11-30 16:33:57.380 Seismo 1 Serial Number: 0000000000000000  
2014-11-30 16:33:57.380 Seismo 2 Serial Number: 0000000000000000  
2014-11-30 16:33:57.380 QAPCHP 1 Serial Number: 4643206  
2014-11-30 16:33:57.380 QAPCHP 2 Serial Number: 3743050  
2014-11-30 16:33:57.380 KMI Property Tag Number: 2017  
2014-11-30 16:33:57.380 System Software Version: 1.146  
2014-11-30 16:33:57.380 Slave Processor Version: 1.11  
2014-11-30 16:33:57.380 Calibrator Type: QCAL330  
2014-11-30 16:33:57.380 Calibrator Version: 1.8  
2014-11-30 16:33:57.380 Auxiliary Board Type: None  
2014-11-30 16:33:57.380 Clock Type: Motorola M12  
2014-11-30 16:33:57.380 PLD Version: 7.9  
2014-11-30 16:33:57.380 Total Hours: 70869.12  
2014-11-30 16:33:57.380 Power On Hours: 35499.50  
2014-11-30 16:33:57.380 Time of Last Boot: 2014-04-06 02:03:58  
2014-11-30 16:33:57.380 Total Number of Boots: 120  
2014-11-30 16:33:57.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-11-30 16:33:57.380 Total Number of Re-Syncs: 213  
2014-11-30 16:33:57.380 Status Inputs: 00000000  
2014-11-30 16:33:57.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2014-11-30 16:33:57.380 Clock Quality: 100%  
2014-11-30 16:33:57.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2014-11-30 16:33:57.380 Clock Phase: 0 usec. max allowed=50000  
2014-11-30 16:33:57.380 Boom positions:  
2014-11-30 16:33:57.380 ch1: -2 ch2: -1 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
2014-11-30 16:33:57.380 Analog Status  
2014-11-30 16:33:57.380 Analog Positive Supply: 5.46V  
2014-11-30 16:33:57.380 Input Voltage: 13.20V  
2014-11-30 16:33:57.380 System Temperature: 5C  
2014-11-30 16:33:57.380 Main Current: 62ma  
2014-11-30 16:33:57.380 Antenna Current: 0ma  
2014-11-30 16:33:57.380 GPS Status  
2014-11-30 16:33:57.380 Time: 16:33:56  
2014-11-30 16:33:57.380 Date:  
2014-11-30 16:33:57.380 Fix Type: 1-D  
2014-11-30 16:33:57.380 Height:  
2014-11-30 16:33:57.380 Latitude:  
2014-11-30 16:33:57.380 Longitude:  
2014-11-30 16:33:57.380 On Time: 0min  
2014-11-30 16:33:57.380 Sat. Used: 0  
2014-11-30 16:33:57.380 In View: 0  
2014-11-30 16:33:57.380 Checksum Errors: 0



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2014-11-30 16:33:57.380 Last GPS timemark: 2014-11-30 16:33:55
2014-11-30 16:33:57.380 PLL Status
2014-11-30 16:33:57.380 State: Lock
2014-11-30 16:33:57.380 Initial VCO: 2200.092285
2014-11-30 16:33:57.380 Time Error: 0.000000
2014-11-30 16:33:57.380 RMS VCO: 0.000000
2014-11-30 16:33:57.380 Best VCO: 2199.98
2014-11-30 16:33:57.380 Seconds Since Track or Lock: 0.0
2014-11-30 16:33:57.380 Vco Control: 2201
2014-11-30 16:33:57.380 timing mode: external seascan
2014-11-30 16:33:57.380 tempco normal
2014-11-30 16:33:57.380 PLL update: 10s PLL lock criterion: 5us
2014-11-30 16:33:57.380 Pfrac: 150.00
2014-11-30 16:33:57.380 VCO slope: -0.0175000
2014-11-30 16:33:57.380 VCO intercept: 7.1100001
2014-11-30 16:33:57.380 km delta: 600.000000
2014-11-30 16:33:57.380 Logical Port 4 Status
2014-11-30 16:33:57.380 Data Packets Sent: 23747338
2014-11-30 16:33:57.380 Flood Packets Sent: 0
2014-11-30 16:33:57.380 Packets Re-Sent: 37775
2014-11-30 16:33:57.380 Sequence Errors: 0
2014-11-30 16:33:57.380 Packet Buffer Used: 22129436
2014-11-30 16:33:57.380 Physical Port: Ethernet
2014-11-30 16:33:57.380 Baler Model: 14 Software Version: 2.28
2014-11-30 16:33:57.380 MAC Address: 00:04:FB:00:02:EA
2014-11-30 16:33:57.380 Disk Size: 20000669696
2014-11-30 16:33:57.380 Percent of 1177 data files in use: 45.5
2014-11-30 16:33:57.380 Channels Enabled: 1234 Preamps ON channels:
2014-11-30 16:33:57.380 Channel Sensitivities (uV per count):
2014-11-30 16:33:57.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-11-30 16:33:57.380 Digitizer Calibration Results:
2014-11-30 16:33:57.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-11-30 16:33:57.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-11-30 16:33:57.380 DMU1 Software Version=10
2014-11-30 16:33:57.380 Supply Voltage=12.7
2014-11-30 16:33:57.380 Supply Current=0.40
2014-11-30 16:33:57.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-11-30 16:33:57.380 webLink Data Maps Restored
2014-11-30 16:33:57.380 [2014-11-30 04:33:02.999998] sequence resumes: 20572092 to
20572092
2014-11-30 16:33:57.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-11-30 16:33:56
2014-11-30 16:39:26.660 Reducing Status Polling Interval
2014-11-30 16:39:26.660 [2014-11-30 16:39:26.000000] total packets received: 46699
2014-11-30 16:39:26.660 [2014-11-30 16:39:26.000000] command timeouts: 6
2014-11-30 16:39:26.660 [2014-11-30 16:39:26.000000] out of window: 65
2014-11-30 16:39:26.660 written: HHZ-1157 HH1-1389 HH2-1398 BDH-424 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-11-30 16:39:26.660 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-11-30 16:39:26.660 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-11-30 16:39:26.660 [2014-11-30 16:39:26.000000] Done: 4503 recs. seq end:
20615675. run: 324 s
2014-12-01 04:40:20.380
2014-12-01 04:40:20.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-01 04:40:20.380 Control Port 2491 Opened
2014-12-01 04:40:20.380 Baler ready on Ethernet
2014-12-01 04:40:20.380 Power Cycled Baler Acknowledged
2014-12-01 04:40:20.380 Commands Accepted by Q330
2014-12-01 04:40:20.380 Access timeout: 300 sec
2014-12-01 04:40:20.380 Control Port 4023 Opened
2014-12-01 04:40:20.380 Data Port 4024 Opened
2014-12-01 04:40:20.380 Registered with Q330

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2014-12-01 04:40:20.380 Combination Record Received
2014-12-01 04:40:20.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-01 04:40:20.380 Link Reset, starting window sequence: 1917
2014-12-01 04:40:20.380 GPS Receiver ID Received
2014-12-01 04:40:20.380 Manufacturer's Data Received, Property Tag=2017
2014-12-01 04:40:20.380 Digitizer Gain & Offsets Received
2014-12-01 04:40:20.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4503 recs.
seq end: 20615675
2014-12-01 04:40:20.380 Baler clock set to 2014-12-01 04:40:19
2014-12-01 04:40:20.380 Starting to Read DP Tokens
2014-12-01 04:40:20.380 DP Tokens loaded, size=1474 bytes
2014-12-01 04:40:20.380 webserver advertising 192.168.200.119:5380
2014-12-01 04:40:20.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-01 04:40:20.380 filters & delay HH1:2@100,Linear all=0.320000
2014-12-01 04:40:20.380 filters & delay HH2:3@100,Linear all=0.320000
2014-12-01 04:40:20.380 filters & delay BDH:4@20,Linear all=1.650000
2014-12-01 04:40:20.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-01 04:40:20.380 filters & delay LH1:2@1,Linear all=15.000000
2014-12-01 04:40:20.380 filters & delay LH2:3@1,Linear all=15.000000
2014-12-01 04:40:20.380 filters & delay LDH:4@1,Linear all=15.000000
2014-12-01 04:40:20.380 [2014-11-30 16:39:26.000000] continuity found: 20615675
470680766.000000 Q=100
2014-12-01 04:40:20.380 [2014-11-30 16:39:26.000000] restoring continuity
2014-12-01 04:40:20.380 Sending DT_OPEN
2014-12-01 04:40:20.380 Station: XX-2017
2014-12-01 04:40:20.380 Q330 Serial Number: 0100000DB18FC351
2014-12-01 04:40:20.380 AMB Serial Number: 0100000B6909DD82
2014-12-01 04:40:20.380 Seismo 1 Serial Number: 0000000000000000
2014-12-01 04:40:20.380 Seismo 2 Serial Number: 0000000000000000
2014-12-01 04:40:20.380 QAPCHP 1 Serial Number: 4643206
2014-12-01 04:40:20.380 QAPCHP 2 Serial Number: 3743050
2014-12-01 04:40:20.380 KMI Property Tag Number: 2017
2014-12-01 04:40:20.380 System Software Version: 1.146
2014-12-01 04:40:20.380 Slave Processor Version: 1.11
2014-12-01 04:40:20.380 Calibrator Type: QCAL330
2014-12-01 04:40:20.380 Calibrator Version: 1.8
2014-12-01 04:40:20.380 Auxiliary Board Type: None
2014-12-01 04:40:20.380 Clock Type: Motorola M12
2014-12-01 04:40:20.380 PLD Version: 7.9
2014-12-01 04:40:20.380 Total Hours: 70881.22
2014-12-01 04:40:20.380 Power On Hours: 35511.61
2014-12-01 04:40:20.380 Time of Last Boot: 2014-04-06 02:03:58
2014-12-01 04:40:20.380 Total Number of Boots: 120
2014-12-01 04:40:20.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-01 04:40:20.380 Status Inputs: 00000000
2014-12-01 04:40:20.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-01 04:40:20.380 Clock Quality: 100%
2014-12-01 04:40:20.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-01 04:40:20.380 Clock Phase: 0 usec. max allowed=50000
2014-12-01 04:40:20.380 Boom positions:
2014-12-01 04:40:20.380 Ch1: -2 Ch2: -1 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-01 04:40:20.380 Analog Status
2014-12-01 04:40:20.380 Analog Positive Supply: 5.46V
2014-12-01 04:40:20.380 Input Voltage: 13.20V
2014-12-01 04:40:20.380 System Temperature: 5C
2014-12-01 04:40:20.380 Main Current: 62ma
2014-12-01 04:40:20.380 Antenna Current: 0ma
2014-12-01 04:40:20.380 GPS Status
2014-12-01 04:40:20.380 Time: 04:40:19
2014-12-01 04:40:20.380 Date:
2014-12-01 04:40:20.380 Fix Type: 1-D
2014-12-01 04:40:20.380 Height:
2014-12-01 04:40:20.380 Latitude:

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2014-12-01 04:40:20.380 Longitude:  
 2014-12-01 04:40:20.380 On Time: 0min  
 2014-12-01 04:40:20.380 Sat. Used: 0  
 2014-12-01 04:40:20.380 In View: 0  
 2014-12-01 04:40:20.380 Checksum Errors: 0  
 2014-12-01 04:40:20.380 Last GPS timemark: 2014-12-01 04:40:18  
 2014-12-01 04:40:20.380 PLL Status  
 2014-12-01 04:40:20.380 State: Lock  
 2014-12-01 04:40:20.380 Initial VCO: 2200.127686  
 2014-12-01 04:40:20.380 Time Error: 0.000000  
 2014-12-01 04:40:20.380 RMS VCO: 0.000000  
 2014-12-01 04:40:20.380 Best VCO: 2200.11  
 2014-12-01 04:40:20.380 Seconds Since Track or Lock: 0.0  
 2014-12-01 04:40:20.380 Vco Control: 2200  
 2014-12-01 04:40:20.380 timing mode: external seascan  
 2014-12-01 04:40:20.380 tempco normal  
 2014-12-01 04:40:20.380 PLL update: 10s PLL lock criterion: 5us  
 2014-12-01 04:40:20.380 Pfrac: 150.00  
 2014-12-01 04:40:20.380 VCO slope: -0.0175000  
 2014-12-01 04:40:20.380 VCO intercept: 7.1100001  
 2014-12-01 04:40:20.380 km delta: 600.000000  
 2014-12-01 04:40:20.380 Logical Port 4 Status  
 2014-12-01 04:40:20.380 Data Packets Sent: 23793942  
 2014-12-01 04:40:20.380 Flood Packets Sent: 0  
 2014-12-01 04:40:20.380 Packets Re-Sent: 37856  
 2014-12-01 04:40:20.380 Sequence Errors: 0  
 2014-12-01 04:40:20.380 Packet Buffer Used: 21870284  
 2014-12-01 04:40:20.380 Physical Port: Ethernet  
 2014-12-01 04:40:20.380 Baler Model: 14 Software Version: 2.28  
 2014-12-01 04:40:20.380 MAC Address: 00:04:FB:00:02:EA  
 2014-12-01 04:40:20.380 Disk Size: 20000669696  
 2014-12-01 04:40:20.380 Percent of 1177 data files in use: 45.6  
 2014-12-01 04:40:20.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-01 04:40:20.380 Channel sensitivities (uV per count):  
 2014-12-01 04:40:20.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-01 04:40:20.380 Digitizer Calibration Results:  
 2014-12-01 04:40:20.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-01 04:40:20.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-01 04:40:20.380 DMU1 Software Version=10  
 2014-12-01 04:40:20.380 Supply Voltage=12.6  
 2014-12-01 04:40:20.380 Supply Current=0.40  
 2014-12-01 04:40:20.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-01 04:40:20.380 webLink Data Maps Restored  
 2014-12-01 04:40:20.380 [2014-11-30 16:39:26.000000] sequence resumes: 20615675 to  
 20615675  
 2014-12-01 04:40:20.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-01 04:40:19  
 2014-12-01 04:43:37.560 [2014-12-01 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-12-01 04:45:50.210 [2014-12-01 04:36:13.000000] total packets received: 45344  
 2014-12-01 04:45:50.210 [2014-12-01 04:36:13.000000] command timeouts: 6  
 2014-12-01 04:45:50.210 [2014-12-01 04:36:13.000000] out of window: 79  
 2014-12-01 04:45:50.210 written: HHZ-1112 HH1-1358 HH2-1352 BDH-429 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-01 04:45:50.210 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-23 LDH-24  
 VM2-2 VM1-2  
 2014-12-01 04:45:50.210 written: VM2-2 LOG-3 ACE-2 OCF-2  
 2014-12-01 04:45:50.210 [2014-12-01 04:36:13.000000] Done: 4389 recs. seq end:  
 20658682. run: 325 s  
 2014-12-01 16:46:42.380  
 2014-12-01 16:46:42.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-01 16:46:42.380 Control Port 2491 Opened  
 2014-12-01 16:46:42.380 Baler ready on Ethernet

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2014-12-01 16:46:42.380 Power Cycled Baler Acknowledged
2014-12-01 16:46:42.380 Commands Accepted by Q330
2014-12-01 16:46:42.380 Access timeout: 300 sec
2014-12-01 16:46:42.380 Control Port 4023 Opened
2014-12-01 16:46:42.380 Data Port 4024 Opened
2014-12-01 16:46:42.380 Registered with Q330
2014-12-01 16:46:42.380 Combination Record Received
2014-12-01 16:46:42.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-01 16:46:42.380 Link Reset, starting window sequence: 47147
2014-12-01 16:46:42.380 GPS Receiver ID Received
2014-12-01 16:46:42.380 Manufacturer's Data Received, Property Tag=2017
2014-12-01 16:46:42.380 Digitizer Gain & Offsets Received
2014-12-01 16:46:42.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4389 recs.
seq end: 20658682
2014-12-01 16:46:42.380 Baler clock set to 2014-12-01 16:46:41
2014-12-01 16:46:42.380 Starting to Read DP Tokens
2014-12-01 16:46:42.380 DP Tokens loaded, size=1474 bytes
2014-12-01 16:46:42.380 Webserver advertising 192.168.200.119:5380
2014-12-01 16:46:42.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-01 16:46:42.380 filters & delay HH1:2@100,Linear all=0.320000
2014-12-01 16:46:42.380 filters & delay HH2:3@100,Linear all=0.320000
2014-12-01 16:46:42.380 filters & delay BDH:4@20,Linear all=1.650000
2014-12-01 16:46:42.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-01 16:46:42.380 filters & delay LH1:2@1,Linear all=15.000000
2014-12-01 16:46:42.380 filters & delay LH2:3@1,Linear all=15.000000
2014-12-01 16:46:42.380 filters & delay LDH:4@1,Linear all=15.000000
2014-12-01 16:46:42.380 [2014-12-01 04:36:13.000000] continuity found: 20658682
470723773.000000 Q=100
2014-12-01 16:46:42.380 [2014-12-01 04:36:13.000000] restoring continuity
2014-12-01 16:46:42.380 Sending DT_OPEN
2014-12-01 16:46:42.380 Station: XX-2017
2014-12-01 16:46:42.380 Q330 Serial Number: 0100000DB18FC351
2014-12-01 16:46:42.380 AMB Serial Number: 0100000B6909DD82
2014-12-01 16:46:42.380 Seismo 1 Serial Number: 0000000000000000
2014-12-01 16:46:42.380 Seismo 2 Serial Number: 0000000000000000
2014-12-01 16:46:42.380 QAPCHP 1 Serial Number: 4643206
2014-12-01 16:46:42.380 QAPCHP 2 Serial Number: 3743050
2014-12-01 16:46:42.380 KMI Property Tag Number: 2017
2014-12-01 16:46:42.380 System Software Version: 1.146
2014-12-01 16:46:42.380 Slave Processor Version: 1.11
2014-12-01 16:46:42.380 Calibrator Type: QCAL330
2014-12-01 16:46:42.380 Calibrator Version: 1.8
2014-12-01 16:46:42.380 Auxiliary Board Type: None
2014-12-01 16:46:42.380 Clock Type: Motorola M12
2014-12-01 16:46:42.380 PLD Version: 7.9
2014-12-01 16:46:42.380 Total Hours: 70893.33
2014-12-01 16:46:42.380 Power On Hours: 35523.71
2014-12-01 16:46:42.380 Time of Last Boot: 2014-04-06 02:03:58
2014-12-01 16:46:42.380 Total Number of Boots: 120
2014-12-01 16:46:42.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-01 16:46:42.380 Total Number of Re-Syncs: 213
2014-12-01 16:46:42.380 Status Inputs: 00000000
2014-12-01 16:46:42.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-01 16:46:42.380 Clock Quality: 100%
2014-12-01 16:46:42.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-01 16:46:42.380 Clock Phase: 0 usec. max allowed=50000
2014-12-01 16:46:42.380 Boom positions:
2014-12-01 16:46:42.380 ch1: -2 ch2: -1 ch3: 9 ch4: 20 ch5: 20 ch6: 20
2014-12-01 16:46:42.380 Analog Status
2014-12-01 16:46:42.380 Analog Positive Supply: 5.46V
2014-12-01 16:46:42.380 Input Voltage: 13.35V
2014-12-01 16:46:42.380 System Temperature: 5C
2014-12-01 16:46:42.380 Main Current: 61ma

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2014-12-01 16:46:42.380 Antenna Current: 0ma  
 2014-12-01 16:46:42.380 GPS Status  
 2014-12-01 16:46:42.380 Time: 16:46:41  
 2014-12-01 16:46:42.380 Date:  
 2014-12-01 16:46:42.380 Fix Type: 1-D  
 2014-12-01 16:46:42.380 Height:  
 2014-12-01 16:46:42.380 Latitude:  
 2014-12-01 16:46:42.380 Longitude:  
 2014-12-01 16:46:42.380 On Time: 0min  
 2014-12-01 16:46:42.380 Sat. Used: 0  
 2014-12-01 16:46:42.380 In View: 0  
 2014-12-01 16:46:42.380 Checksum Errors: 0  
 2014-12-01 16:46:42.380 Last GPS timemark: 2014-12-01 16:46:40  
 2014-12-01 16:46:42.380 PLL Status  
 2014-12-01 16:46:42.380 State: Lock  
 2014-12-01 16:46:42.380 Initial VCO: 2200.674316  
 2014-12-01 16:46:42.380 Time Error: 0.000000  
 2014-12-01 16:46:42.380 RMS VCO: 0.0000000  
 2014-12-01 16:46:42.380 Best VCO: 2200.77  
 2014-12-01 16:46:42.380 Seconds Since Track or Lock: 0.0  
 2014-12-01 16:46:42.380 Vco Control: 2201  
 2014-12-01 16:46:42.380 timing mode: external seascan  
 2014-12-01 16:46:42.380 tempco normal  
 2014-12-01 16:46:42.380 PLL update: 10s PLL lock criterion: 5us  
 2014-12-01 16:46:42.380 Pfrac: 150.00  
 2014-12-01 16:46:42.380 VCO slope: -0.0175000  
 2014-12-01 16:46:42.380 VCO intercept: 7.1100001  
 2014-12-01 16:46:42.380 Km delta: 600.0000000  
 2014-12-01 16:46:42.380 Logical Port 4 Status  
 2014-12-01 16:46:42.380 Data Packets Sent: 23839177  
 2014-12-01 16:46:42.380 Flood Packets Sent: 0  
 2014-12-01 16:46:42.380 Packets Re-Sent: 37951  
 2014-12-01 16:46:42.380 Sequence Errors: 0  
 2014-12-01 16:46:42.380 Packet Buffer Used: 22618604  
 2014-12-01 16:46:42.380 Physical Port: Ethernet  
 2014-12-01 16:46:42.380 Baler Model: 14 Software Version: 2.28  
 2014-12-01 16:46:42.380 MAC Address: 00:04:FB:00:02:EA  
 2014-12-01 16:46:42.380 Disk Size: 20000669696  
 2014-12-01 16:46:42.380 Percent of 1177 data files in use: 45.6  
 2014-12-01 16:46:42.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-01 16:46:42.380 Channel Sensitivities (uV per count):  
 2014-12-01 16:46:42.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-01 16:46:42.380 Digitizer Calibration Results:  
 2014-12-01 16:46:42.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-01 16:46:42.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-01 16:46:42.380 DMU1 Software Version=10  
 2014-12-01 16:46:42.380 Supply Voltage=12.7  
 2014-12-01 16:46:42.380 Supply Current=0.40  
 2014-12-01 16:46:42.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-01 16:46:42.380 WebLink Data Maps Restored  
 2014-12-01 16:46:42.380 [2014-12-01 04:36:13.000000] sequence resumes: 20658682 to 20658682  
 2014-12-01 16:46:42.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-01 16:46:41  
 2014-12-01 16:47:56.700 Reducing Status Polling Interval  
 2014-12-01 16:52:27.150 [2014-12-01 16:49:33.000000] total packets received: 48208  
 2014-12-01 16:52:27.150 [2014-12-01 16:49:33.000000] command timeouts: 6  
 2014-12-01 16:52:27.150 [2014-12-01 16:49:33.000000] out of window: 84  
 2014-12-01 16:52:27.150 written: HHZ-1184 HH1-1386 HH2-1434 BDH-445 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-01 16:52:27.150 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-25 LDH-25  
 VMZ-2 VM1-2  
 2014-12-01 16:52:27.150 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1

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2014-12-01 16:52:27.150 [2014-12-01 16:49:33.000000] Done: 4594 recs. seq end:
20702682. run: 339 s
2014-12-02 04:53:19.390
2014-12-02 04:53:19.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-02 04:53:19.390 Control Port 2491 Opened
2014-12-02 04:53:19.390 Baler ready on Ethernet
2014-12-02 04:53:19.390 Power Cycled Baler Acknowledged
2014-12-02 04:53:19.390 Commands Accepted by Q330
2014-12-02 04:53:19.390 Access timeout: 300 sec
2014-12-02 04:53:19.390 Control Port 4023 Opened
2014-12-02 04:53:19.390 Data Port 4024 Opened
2014-12-02 04:53:19.390 Registered with Q330
2014-12-02 04:53:19.390 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-02 04:53:19.390 Link Reset, starting window sequence: 29660
2014-12-02 04:53:19.390 GPS Receiver ID Received
2014-12-02 04:53:19.390 Manufacturer's Data Received, Property Tag=2017
2014-12-02 04:53:19.390 Digitizer Gain & Offsets Received
2014-12-02 04:53:19.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4594 recs.
seq end: 20702682
2014-12-02 04:53:19.390 Baler clock set to 2014-12-02 04:53:18
2014-12-02 04:53:19.390 Starting to Read DP Tokens
2014-12-02 04:53:19.390 DP Tokens loaded, size=1474 bytes
2014-12-02 04:53:19.390 webserver advertising 192.168.200.119:5380
2014-12-02 04:53:19.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-02 04:53:19.390 filters & delay HH1:2@100,Linear all=0.320000
2014-12-02 04:53:19.390 filters & delay HH2:3@100,Linear all=0.320000
2014-12-02 04:53:19.390 filters & delay BDH:4@20,Linear all=1.650000
2014-12-02 04:53:19.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-02 04:53:19.390 filters & delay LH1:2@1,Linear all=15.000000
2014-12-02 04:53:19.390 filters & delay LH2:3@1,Linear all=15.000000
2014-12-02 04:53:19.390 filters & delay LDH:4@1,Linear all=15.000000
2014-12-02 04:53:19.390 [2014-12-01 16:49:33.000000] continuity found: 20702682
470767773.000000 Q=100
2014-12-02 04:53:19.390 [2014-12-01 16:49:33.000000] restoring continuity
2014-12-02 04:53:19.390 Sending DT_OPEN
2014-12-02 04:53:19.390 Station: XX-2017
2014-12-02 04:53:19.390 Q330 Serial Number: 0100000DB18FC351
2014-12-02 04:53:19.390 AMB Serial Number: 0100000B6909DD82
2014-12-02 04:53:19.390 Seismo 1 Serial Number: 0000000000000000
2014-12-02 04:53:19.390 Seismo 2 Serial Number: 0000000000000000
2014-12-02 04:53:19.390 QAPCHP 1 Serial Number: 4643206
2014-12-02 04:53:19.390 QAPCHP 2 Serial Number: 3743050
2014-12-02 04:53:19.390 KMI Property Tag Number: 2017
2014-12-02 04:53:19.390 System Software Version: 1.146
2014-12-02 04:53:19.390 Slave Processor Version: 1.11
2014-12-02 04:53:19.390 Calibrator Type: QCAL330
2014-12-02 04:53:19.390 Calibrator Version: 1.8
2014-12-02 04:53:19.390 Auxiliary Board Type: None
2014-12-02 04:53:19.390 Clock Type: Motorola M12
2014-12-02 04:53:19.390 PLD Version: 7.9
2014-12-02 04:53:19.390 Total Hours: 70905.44
2014-12-02 04:53:19.390 Power On Hours: 35535.82
2014-12-02 04:53:19.390 Time of Last Boot: 2014-04-06 02:03:58
2014-12-02 04:53:19.390 Total Number of Boots: 120
2014-12-02 04:53:19.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-02 04:53:19.390 Total Number of Re-Syncs: 213
2014-12-02 04:53:19.390 Status Inputs: 00000000
2014-12-02 04:53:19.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-02 04:53:19.390 Clock Quality: 100%
2014-12-02 04:53:19.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-02 04:53:19.390 Clock Phase: 1 usec. max allowed=50000
2014-12-02 04:53:19.390 Boom positions:
2014-12-02 04:53:19.390 ch1: -2 ch2: -1 ch3: 10 ch4: 20 ch5: 20 ch6: 20

```

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2014-12-02 04:53:19.390 Analog Status  
 2014-12-02 04:53:19.390 Analog Positive Supply: 5.46v  
 2014-12-02 04:53:19.390 Input Voltage: 13.20v  
 2014-12-02 04:53:19.390 System Temperature: 5C  
 2014-12-02 04:53:19.390 Main Current: 62ma  
 2014-12-02 04:53:19.390 Antenna Current: 0ma  
 2014-12-02 04:53:19.390 GPS Status  
 2014-12-02 04:53:19.390 Time: 04:53:18  
 2014-12-02 04:53:19.390 Date:  
 2014-12-02 04:53:19.390 Fix Type: 1-D  
 2014-12-02 04:53:19.390 Height:  
 2014-12-02 04:53:19.390 Latitude:  
 2014-12-02 04:53:19.390 Longitude:  
 2014-12-02 04:53:19.390 On Time: 0min  
 2014-12-02 04:53:19.390 Sat. Used: 0  
 2014-12-02 04:53:19.390 In View: 0  
 2014-12-02 04:53:19.390 Checksum Errors: 0  
 2014-12-02 04:53:19.390 Last GPS timemark: 2014-12-02 04:53:17  
 2014-12-02 04:53:19.390 PLL Status  
 2014-12-02 04:53:19.390 State: Lock  
 2014-12-02 04:53:19.390 Initial VCO: 2201.055908  
 2014-12-02 04:53:19.390 Time Error: -0.000001  
 2014-12-02 04:53:19.390 RMS VCO: 0.0000000  
 2014-12-02 04:53:19.390 Best VCO: 2201.03  
 2014-12-02 04:53:19.390 Seconds Since Track or Lock: 0.0  
 2014-12-02 04:53:19.390 Vco Control: 2202  
 2014-12-02 04:53:19.390 timing mode: external seascan  
 2014-12-02 04:53:19.390 tempco normal  
 2014-12-02 04:53:19.390 PLL update: 10s PLL lock criterion: 5us  
 2014-12-02 04:53:19.390 Pfrac: 150.00  
 2014-12-02 04:53:19.390 VCO slope: -0.0175000  
 2014-12-02 04:53:19.390 VCO intercept: 7.1100001  
 2014-12-02 04:53:19.390 km delta: 600.0000000  
 2014-12-02 04:53:19.390 Logical Port 4 Status  
 2014-12-02 04:53:19.390 Data Packets Sent: 23887231  
 2014-12-02 04:53:19.390 Flood Packets Sent: 0  
 2014-12-02 04:53:19.390 Packets Re-Sent: 38052  
 2014-12-02 04:53:19.390 Sequence Errors: 0  
 2014-12-02 04:53:19.390 Packet Buffer Used: 22887444  
 2014-12-02 04:53:19.390 Physical Port: Ethernet  
 2014-12-02 04:53:19.390 Baler Model: 14 Software Version: 2.28  
 2014-12-02 04:53:19.390 MAC Address: 00:04:FB:00:02:EA  
 2014-12-02 04:53:19.390 Disk Size: 20000669696  
 2014-12-02 04:53:19.390 Percent of 1177 data files in use: 45.7  
 2014-12-02 04:53:19.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-02 04:53:19.390 Channel Sensitivities (uV per count):  
 2014-12-02 04:53:19.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-02 04:53:19.390 Digitizer Calibration Results:  
 2014-12-02 04:53:19.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-02 04:53:19.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-02 04:53:19.390 DMU1 Software Version=10  
 2014-12-02 04:53:19.390 Supply Voltage=12.6  
 2014-12-02 04:53:19.390 Supply Current=0.41  
 2014-12-02 04:53:19.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-02 04:53:19.390 webLink Data Maps Restored  
 2014-12-02 04:53:19.390 [2014-12-01 16:49:33.000000] sequence resumes: 20702682 to 20702682  
 2014-12-02 04:53:19.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-02 04:53:18  
 2014-12-02 04:56:44.860 [2014-12-02 00:00:00.000000] saving Configuration to Backup Memory  
 2014-12-02 04:59:06.080 Reducing Status Polling Interval  
 2014-12-02 04:59:06.080 [2014-12-02 04:59:04.999998] total packets received: 54392

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2014-12-02 04:59:06.080 [2014-12-02 04:59:04.999998] command timeouts: 6
2014-12-02 04:59:06.080 [2014-12-02 04:59:04.999998] out of window: 67
2014-12-02 04:59:06.080 written: HHZ-1193 HH1-1472 HH2-1446 BDH-434 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-12-02 04:59:06.080 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-12-02 04:59:06.080 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-12-02 04:59:06.080 [2014-12-02 04:59:04.999998] Done: 4684 recs. seq end:
20746454. run: 342 s
2014-12-02 16:59:57.380
2014-12-02 16:59:57.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-02 16:59:57.380 Control Port 2491 Opened
2014-12-02 16:59:57.380 Baler ready on Ethernet
2014-12-02 16:59:57.380 Power Cycled Baler Acknowledged
2014-12-02 16:59:57.380 Commands Accepted by Q330
2014-12-02 16:59:57.380 Access timeout: 300 sec
2014-12-02 16:59:57.380 Control Port 4023 Opened
2014-12-02 16:59:57.380 Data Port 4024 Opened
2014-12-02 16:59:57.380 Registered with Q330
2014-12-02 16:59:57.380 Combination Record Received
2014-12-02 16:59:57.380 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-02 16:59:57.380 Link Reset, starting window sequence: 18412
2014-12-02 16:59:57.380 GPS Receiver ID Received
2014-12-02 16:59:57.380 Manufacturer's Data Received, Property Tag=2017
2014-12-02 16:59:57.380 Digitizer Gain & Offsets Received
2014-12-02 16:59:57.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4684 recs.
seq end: 20746454
2014-12-02 16:59:57.380 Baler clock set to 2014-12-02 16:59:56
2014-12-02 16:59:57.380 Starting to Read DP Tokens
2014-12-02 16:59:57.380 DP Tokens loaded, size=1474 bytes
2014-12-02 16:59:57.380 webserver advertising 192.168.200.119:5380
2014-12-02 16:59:57.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-02 16:59:57.380 filters & delay HH1:2@100,Linear all=0.320000
2014-12-02 16:59:57.380 filters & delay HH2:3@100,Linear all=0.320000
2014-12-02 16:59:57.380 filters & delay BDH:4@20,Linear all=1.650000
2014-12-02 16:59:57.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-02 16:59:57.380 filters & delay LH1:2@1,Linear all=15.000000
2014-12-02 16:59:57.380 filters & delay LH2:3@1,Linear all=15.000000
2014-12-02 16:59:57.380 filters & delay LDH:4@1,Linear all=15.000000
2014-12-02 16:59:57.380 [2014-12-02 04:59:04.999998] continuity found: 20746454
470811545.000000 Q=100
2014-12-02 16:59:57.380 [2014-12-02 04:59:04.999998] restoring continuity
2014-12-02 16:59:57.380 Sending DT_OPEN
2014-12-02 16:59:57.380 Station: XX-2017
2014-12-02 16:59:57.380 Q330 Serial Number: 0100000DB18FC351
2014-12-02 16:59:57.380 AMB Serial Number: 0100000B6909DD82
2014-12-02 16:59:57.380 Seismo 1 Serial Number: 0000000000000000
2014-12-02 16:59:57.380 Seismo 2 Serial Number: 0000000000000000
2014-12-02 16:59:57.380 QAPCHP 1 Serial Number: 4643206
2014-12-02 16:59:57.380 QAPCHP 2 Serial Number: 3743050
2014-12-02 16:59:57.380 KMI Property Tag Number: 2017
2014-12-02 16:59:57.380 System Software Version: 1.146
2014-12-02 16:59:57.380 Slave Processor Version: 1.11
2014-12-02 16:59:57.380 Calibrator Type: QCAL330
2014-12-02 16:59:57.380 Calibrator Version: 1.8
2014-12-02 16:59:57.380 Auxiliary Board Type: None
2014-12-02 16:59:57.380 Clock Type: Motorola M12
2014-12-02 16:59:57.380 PLD Version: 7.9
2014-12-02 16:59:57.380 Total Hours: 70917.55
2014-12-02 16:59:57.380 Power On Hours: 35547.94
2014-12-02 16:59:57.380 Time of Last Boot: 2014-04-06 02:03:58
2014-12-02 16:59:57.380 Total Number of Boots: 120
2014-12-02 16:59:57.380 Time of Last Re-Sync: 2014-04-06 02:17:08

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2014-12-02 16:59:57.380 Total Number of Re-Syncs: 213  
 2014-12-02 16:59:57.380 Status Inputs: 00000000  
 2014-12-02 16:59:57.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-02 16:59:57.380 Clock Quality: 100%  
 2014-12-02 16:59:57.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-02 16:59:57.380 Clock Phase: 0 usec. max allowed=50000  
 2014-12-02 16:59:57.380 Boom positions:  
 2014-12-02 16:59:57.380 ch1: -2 ch2: -1 ch3: 11 ch4: 20 ch5: 20 ch6: 20  
 2014-12-02 16:59:57.380 Analog Status  
 2014-12-02 16:59:57.380 Analog Positive Supply: 5.46V  
 2014-12-02 16:59:57.380 Input Voltage: 13.20V  
 2014-12-02 16:59:57.380 System Temperature: 5C  
 2014-12-02 16:59:57.380 Main Current: 63ma  
 2014-12-02 16:59:57.380 Antenna Current: 0ma  
 2014-12-02 16:59:57.380 GPS Status  
 2014-12-02 16:59:57.380 Time: 16:59:56  
 2014-12-02 16:59:57.380 Date:  
 2014-12-02 16:59:57.380 Fix Type: 1-D  
 2014-12-02 16:59:57.380 Height:  
 2014-12-02 16:59:57.380 Latitude:  
 2014-12-02 16:59:57.380 Longitude:  
 2014-12-02 16:59:57.380 On Time: 0min  
 2014-12-02 16:59:57.380 Sat. Used: 0  
 2014-12-02 16:59:57.380 In View: 0  
 2014-12-02 16:59:57.380 Checksum Errors: 0  
 2014-12-02 16:59:57.380 Last GPS timemark: 2014-12-02 16:59:55  
 2014-12-02 16:59:57.380 PLL Status  
 2014-12-02 16:59:57.380 State: Lock  
 2014-12-02 16:59:57.380 Initial VCO: 2200.472900  
 2014-12-02 16:59:57.380 Time Error: 0.000000  
 2014-12-02 16:59:57.380 RMS VCO: 0.000000  
 2014-12-02 16:59:57.380 Best VCO: 2200.48  
 2014-12-02 16:59:57.380 Seconds Since Track or Lock: 0.0  
 2014-12-02 16:59:57.380 Vco Control: 2201  
 2014-12-02 16:59:57.380 timing mode: external seascan  
 2014-12-02 16:59:57.380 tempco normal  
 2014-12-02 16:59:57.380 PLL update: 10s PLL lock criterion: 5us  
 2014-12-02 16:59:57.380 Pfrac: 150.00  
 2014-12-02 16:59:57.380 VCO slope: -0.0175000  
 2014-12-02 16:59:57.380 VCO intercept: 7.1100001  
 2014-12-02 16:59:57.380 Logical Port 4 Status  
 2014-12-02 16:59:57.380 Data Packets Sent: 23941525  
 2014-12-02 16:59:57.380 Flood Packets Sent: 0  
 2014-12-02 16:59:57.380 Packets Re-Sent: 38132  
 2014-12-02 16:59:57.380 Sequence Errors: 0  
 2014-12-02 16:59:57.380 Packet Buffer Used: 22156064  
 2014-12-02 16:59:57.380 Physical Port: Ethernet  
 2014-12-02 16:59:57.380 Baler Model: 14 Software Version: 2.28  
 2014-12-02 16:59:57.380 MAC Address: 00:04:FB:00:02:EA  
 2014-12-02 16:59:57.380 Disk Size: 20000669696  
 2014-12-02 16:59:57.380 Percent of 1177 data files in use: 45.9  
 2014-12-02 16:59:57.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-02 16:59:57.380 Channel Sensitivities (uV per count):  
 2014-12-02 16:59:57.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-02 16:59:57.380 Digitizer Calibration Results:  
 2014-12-02 16:59:57.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-02 16:59:57.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-02 16:59:57.380 DMU1 Software Version=10  
 2014-12-02 16:59:57.380 Supply Voltage=12.7  
 2014-12-02 16:59:57.380 Supply Current=0.41  
 2014-12-02 16:59:57.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-02 16:59:57.380 WebLink Data Maps Restored  
 2014-12-02 16:59:57.380 [2014-12-02 04:59:04.999998] sequence resumes: 20746454 to

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20746454
2014-12-02 16:59:57.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-02 16:59:56
2014-12-02 17:05:24.020 Reducing Status Polling Interval
2014-12-02 17:05:24.020 [2014-12-02 17:05:24.000000] total packets received: 45385
2014-12-02 17:05:24.020 [2014-12-02 17:05:24.000000] command timeouts: 6
2014-12-02 17:05:24.020 [2014-12-02 17:05:24.000000] out of window: 57
2014-12-02 17:05:24.020 written: HHZ-1095 HH1-1482 HH2-1382 BDH-430 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-12-02 17:05:24.020 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-12-02 17:05:24.020 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-02 17:05:24.020 [2014-12-02 17:05:24.000000] Done: 4526 recs. seq end:
20790033. run: 322 s
2014-12-03 05:06:18.390
2014-12-03 05:06:18.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-03 05:06:18.390 Control Port 2491 Opened
2014-12-03 05:06:18.390 Baler ready on Ethernet
2014-12-03 05:06:18.390 Power Cycled Baler Acknowledged
2014-12-03 05:06:18.390 Commands Accepted by Q330
2014-12-03 05:06:18.390 Access timeout: 300 sec
2014-12-03 05:06:18.390 Control Port 4023 Opened
2014-12-03 05:06:18.390 Data Port 4024 Opened
2014-12-03 05:06:18.390 Registered with Q330
2014-12-03 05:06:18.390 Combination Record Received
2014-12-03 05:06:18.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-03 05:06:18.390 Link Reset, starting window sequence: 63705
2014-12-03 05:06:18.390 GPS Receiver ID Received
2014-12-03 05:06:18.390 Manufacturer's Data Received, Property Tag=2017
2014-12-03 05:06:18.390 Digitizer Gain & Offsets Received
2014-12-03 05:06:18.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4526 recs.
seq end: 20790033
2014-12-03 05:06:18.390 Baler clock set to 2014-12-03 05:06:17
2014-12-03 05:06:18.390 Starting to Read DP Tokens
2014-12-03 05:06:18.390 DP Tokens loaded, size=1474 bytes
2014-12-03 05:06:18.390 Webserver advertising 192.168.200.119:5380
2014-12-03 05:06:18.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-03 05:06:18.390 filters & delay HH1:2@100,Linear all=0.320000
2014-12-03 05:06:18.390 filters & delay HH2:3@100,Linear all=0.320000
2014-12-03 05:06:18.390 filters & delay BDH:4@20,Linear all=1.650000
2014-12-03 05:06:18.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-03 05:06:18.390 filters & delay LH1:2@1,Linear all=15.000000
2014-12-03 05:06:18.390 filters & delay LH2:3@1,Linear all=15.000000
2014-12-03 05:06:18.390 filters & delay LDH:4@1,Linear all=15.000000
2014-12-03 05:06:18.390 [2014-12-02 17:05:24.000000] continuity found: 20790033
470855124.000000 Q=100
2014-12-03 05:06:18.390 [2014-12-02 17:05:24.000000] restoring continuity
2014-12-03 05:06:18.390 Sending DT_OPEN
2014-12-03 05:06:18.390 Station: XX-2017
2014-12-03 05:06:18.390 Q330 Serial Number: 0100000DB18FC351
2014-12-03 05:06:18.390 AMB Serial Number: 0100000B6909DD82
2014-12-03 05:06:18.390 Seismo 1 Serial Number: 0000000000000000
2014-12-03 05:06:18.390 Seismo 2 Serial Number: 0000000000000000
2014-12-03 05:06:18.390 QAPCHP 1 Serial Number: 4643206
2014-12-03 05:06:18.390 QAPCHP 2 Serial Number: 3743050
2014-12-03 05:06:18.390 KMI Property Tag Number: 2017
2014-12-03 05:06:18.390 System Software Version: 1.146
2014-12-03 05:06:18.390 Slave Processor Version: 1.11
2014-12-03 05:06:18.390 Calibrator Type: QCAL330
2014-12-03 05:06:18.390 Calibrator Version: 1.8
2014-12-03 05:06:18.390 Auxiliary Board Type: None
2014-12-03 05:06:18.390 Clock Type: Motorola M12
2014-12-03 05:06:18.390 PLD Version: 7.9

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2014-12-03 05:06:18.390 Total Hours: 70929.66  
 2014-12-03 05:06:18.390 Power On Hours: 35560.04  
 2014-12-03 05:06:18.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-03 05:06:18.390 Total Number of Boots: 120  
 2014-12-03 05:06:18.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-03 05:06:18.390 Total Number of Re-Syncs: 213  
 2014-12-03 05:06:18.390 Status Inputs: 00000000  
 2014-12-03 05:06:18.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-03 05:06:18.390 Clock Quality: 100%  
 2014-12-03 05:06:18.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-03 05:06:18.390 Clock Phase: 1 usec. max allowed=50000  
 2014-12-03 05:06:18.390 Boom positions:  
 2014-12-03 05:06:18.390 ch1: -2 ch2: -1 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2014-12-03 05:06:18.390 Analog Status  
 2014-12-03 05:06:18.390 Analog Positive Supply: 5.46V  
 2014-12-03 05:06:18.390 Input Voltage: 13.35V  
 2014-12-03 05:06:18.390 System Temperature: 5C  
 2014-12-03 05:06:18.390 Main Current: 62ma  
 2014-12-03 05:06:18.390 Antenna Current: 0ma  
 2014-12-03 05:06:18.390 GPS Status  
 2014-12-03 05:06:18.390 Time: 05:06:17  
 2014-12-03 05:06:18.390 Date:  
 2014-12-03 05:06:18.390 Fix Type: 1-D  
 2014-12-03 05:06:18.390 Height:  
 2014-12-03 05:06:18.390 Latitude:  
 2014-12-03 05:06:18.390 Longitude:  
 2014-12-03 05:06:18.390 On Time: 0min  
 2014-12-03 05:06:18.390 Sat. Used: 0  
 2014-12-03 05:06:18.390 In View: 0  
 2014-12-03 05:06:18.390 Checksum Errors: 0  
 2014-12-03 05:06:18.390 Last GPS timemark: 2014-12-03 05:06:16  
 2014-12-03 05:06:18.390 PLL Status  
 2014-12-03 05:06:18.390 State: Lock  
 2014-12-03 05:06:18.390 Initial VCO: 2200.469482  
 2014-12-03 05:06:18.390 Time Error: 0.000000  
 2014-12-03 05:06:18.390 RMS VCO: 0.0000000  
 2014-12-03 05:06:18.390 Best VCO: 2200.48  
 2014-12-03 05:06:18.390 Seconds Since Track or Lock: 0.0  
 2014-12-03 05:06:18.390 Vco Control: 2201  
 2014-12-03 05:06:18.390 timing mode: external seascan  
 2014-12-03 05:06:18.390 tempco normal  
 2014-12-03 05:06:18.390 PLL update: 10s PLL lock criterion: 5us  
 2014-12-03 05:06:18.390 Pfrac: 150.00  
 2014-12-03 05:06:18.390 VCO slope: -0.0175000  
 2014-12-03 05:06:18.390 VCO intercept: 7.1100001  
 2014-12-03 05:06:18.390 km delta: 600.0000000  
 2014-12-03 05:06:18.390 Logical Port 4 Status  
 2014-12-03 05:06:18.390 Data Packets Sent: 23986823  
 2014-12-03 05:06:18.390 Flood Packets Sent: 0  
 2014-12-03 05:06:18.390 Packets Re-Sent: 38207  
 2014-12-03 05:06:18.390 Sequence Errors: 0  
 2014-12-03 05:06:18.390 Packet Buffer Used: 21992672  
 2014-12-03 05:06:18.390 Physical Port: Ethernet  
 2014-12-03 05:06:18.390 Baler Model: 14 Software Version: 2.28  
 2014-12-03 05:06:18.390 MAC Address: 00:04:FB:00:02:EA  
 2014-12-03 05:06:18.390 Disk Size: 20000669696  
 2014-12-03 05:06:18.390 Percent of 1177 data files in use: 45.9  
 2014-12-03 05:06:18.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-03 05:06:18.390 Channel sensitivities (uV per count):  
 2014-12-03 05:06:18.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-03 05:06:18.390 Digitizer Calibration Results:  
 2014-12-03 05:06:18.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-03 05:06:18.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2014-12-03 05:06:18.390 DMU1 Software Version=10  
 2014-12-03 05:06:18.390 Supply Voltage=12.7  
 2014-12-03 05:06:18.390 Supply Current=0.41  
 2014-12-03 05:06:18.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-03 05:06:18.390 WebLink Data Maps Restored  
 2014-12-03 05:06:18.390 [2014-12-02 17:05:24.000000] sequence resumes: 20790033 to 20790033  
 2014-12-03 05:06:18.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-03 05:06:17  
 2014-12-03 05:09:22.500 [2014-12-02 23:59:59.999998] saving Configuration to Backup Memory  
 2014-12-03 05:11:46.300 Reducing Status Polling Interval  
 2014-12-03 05:11:46.300 [2014-12-03 05:11:45.999998] total packets received: 46847  
 2014-12-03 05:11:46.300 [2014-12-03 05:11:45.999998] command timeouts: 6  
 2014-12-03 05:11:46.300 [2014-12-03 05:11:45.999998] out of window: 63  
 2014-12-03 05:11:46.300 written: HHZ-1123 HH1-1403 HH2-1371 BDH-436 VEP-2 VEC-2 VEA-2 VKI-2 VCO-2  
 2014-12-03 05:11:46.300 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-26 VMZ-2 VM1-2  
 2014-12-03 05:11:46.300 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-12-03 05:11:46.300 [2014-12-03 05:11:45.999998] Done: 4482 recs. seq end: 20833615. run: 323 s  
 2014-12-03 17:12:39.410  
 2014-12-03 17:12:39.410 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-03 17:12:39.410 Control Port 2491 Opened  
 2014-12-03 17:12:39.410 Baler ready on Ethernet  
 2014-12-03 17:12:39.410 Power Cycled Baler Acknowledged  
 2014-12-03 17:12:39.410 Commands Accepted by Q330  
 2014-12-03 17:12:39.410 Access timeout: 300 sec  
 2014-12-03 17:12:39.410 Control Port 4023 Opened  
 2014-12-03 17:12:39.410 Data Port 4024 Opened  
 2014-12-03 17:12:39.410 Registered with Q330  
 2014-12-03 17:12:39.410 Combination Record Received  
 2014-12-03 17:12:39.410 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-03 17:12:39.410 Link Reset, starting window sequence: 44918  
 2014-12-03 17:12:39.410 GPS Receiver ID Received  
 2014-12-03 17:12:39.410 Manufacturer's Data Received, Property Tag=2017  
 2014-12-03 17:12:39.410 Digitizer Gain & Offsets Received  
 2014-12-03 17:12:39.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4482 recs. seq end: 20833615  
 2014-12-03 17:12:39.410 Baler clock set to 2014-12-03 17:12:38  
 2014-12-03 17:12:39.410 Starting to Read DP Tokens  
 2014-12-03 17:12:39.410 DP Tokens loaded, size=1474 bytes  
 2014-12-03 17:12:39.410 webserver advertising 192.168.200.119:5380  
 2014-12-03 17:12:39.410 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-03 17:12:39.410 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-03 17:12:39.410 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-03 17:12:39.410 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-03 17:12:39.410 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-03 17:12:39.410 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-03 17:12:39.410 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-03 17:12:39.410 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-03 17:12:39.410 [2014-12-03 05:11:45.999998] continuity found: 20833615 470898706.000000 Q=100  
 2014-12-03 17:12:39.410 [2014-12-03 05:11:45.999998] restoring continuity  
 2014-12-03 17:12:39.410 Sending DT\_OPEN  
 2014-12-03 17:12:39.410 Station: XX-2017  
 2014-12-03 17:12:39.410 Q330 Serial Number: 0100000DB18FC351  
 2014-12-03 17:12:39.410 AMB Serial Number: 0100000B6909DD82  
 2014-12-03 17:12:39.410 Seismo 1 Serial Number: 0000000000000000  
 2014-12-03 17:12:39.410 Seismo 2 Serial Number: 0000000000000000  
 2014-12-03 17:12:39.410 QAPCHP 2 Serial Number: 3743050  
 2014-12-03 17:12:39.410 KMI Property Tag Number: 2017

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2014-12-03 17:12:39.410 System Software Version: 1.146  
 2014-12-03 17:12:39.410 Slave Processor Version: 1.11  
 2014-12-03 17:12:39.410 Calibrator Type: QCAL330  
 2014-12-03 17:12:39.410 Calibrator Version: 1.8  
 2014-12-03 17:12:39.410 Auxiliary Board Type: None  
 2014-12-03 17:12:39.410 Clock Type: Motorola M12  
 2014-12-03 17:12:39.410 PLD Version: 7.9  
 2014-12-03 17:12:39.410 Total Hours: 70941.76  
 2014-12-03 17:12:39.410 Power On Hours: 35572.15  
 2014-12-03 17:12:39.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-03 17:12:39.410 Total Number of Boots: 120  
 2014-12-03 17:12:39.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-03 17:12:39.410 Total Number of Re-Syncs: 213  
 2014-12-03 17:12:39.410 Status Inputs: 00000000  
 2014-12-03 17:12:39.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-03 17:12:39.410 Clock Quality: 100%  
 2014-12-03 17:12:39.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-03 17:12:39.410 Clock Phase: 0 usec. max allowed=50000  
 2014-12-03 17:12:39.410 Boom positions:  
 2014-12-03 17:12:39.410 ch1: -2 ch2: -3 ch3: -7 ch4: 20 ch5: 20 ch6: 20  
 2014-12-03 17:12:39.410 Analog Status  
 2014-12-03 17:12:39.410 Analog Positive Supply: 5.46V  
 2014-12-03 17:12:39.410 Input Voltage: 13.35V  
 2014-12-03 17:12:39.410 System Temperature: 5C  
 2014-12-03 17:12:39.410 Main Current: 61ma  
 2014-12-03 17:12:39.410 Antenna Current: 0ma  
 2014-12-03 17:12:39.410 GPS Status  
 2014-12-03 17:12:39.410 Time: 17:12:38  
 2014-12-03 17:12:39.410 Date:  
 2014-12-03 17:12:39.410 Fix Type: 1-D  
 2014-12-03 17:12:39.410 Height:  
 2014-12-03 17:12:39.410 Latitude:  
 2014-12-03 17:12:39.410 Longitude:  
 2014-12-03 17:12:39.410 On Time: 0min  
 2014-12-03 17:12:39.410 Sat. Used: 0  
 2014-12-03 17:12:39.410 In View: 0  
 2014-12-03 17:12:39.410 Checksum Errors: 0  
 2014-12-03 17:12:39.410 Last GPS timemark: 2014-12-03 17:12:37  
 2014-12-03 17:12:39.410 PLL Status  
 2014-12-03 17:12:39.410 State: Lock  
 2014-12-03 17:12:39.410 Initial VCO: 2200.552246  
 2014-12-03 17:12:39.410 Time Error: 0.000000  
 2014-12-03 17:12:39.410 RMS VCO: 0.000000  
 2014-12-03 17:12:39.410 Best VCO: 2200.55  
 2014-12-03 17:12:39.410 Seconds Since Track or Lock: 0.0  
 2014-12-03 17:12:39.410 Vco Control: 2201  
 2014-12-03 17:12:39.410 timing mode: external seascan  
 2014-12-03 17:12:39.410 tempco normal  
 2014-12-03 17:12:39.410 PLL update: 10s PLL lock criterion: 5us  
 2014-12-03 17:12:39.410 Pfrac: 150.00  
 2014-12-03 17:12:39.410 VCO slope: -0.0175000  
 2014-12-03 17:12:39.410 VCO intercept: 7.1100001  
 2014-12-03 17:12:39.410 Km delta: 600.0000000  
 2014-12-03 17:12:39.410 Logical Port 4 Status  
 2014-12-03 17:12:39.410 Data Packets Sent: 24033577  
 2014-12-03 17:12:39.410 Flood Packets Sent: 0  
 2014-12-03 17:12:39.410 Packets Re-Sent: 38282  
 2014-12-03 17:12:39.410 Sequence Errors: 0  
 2014-12-03 17:12:39.410 Packet Buffer Used: 22203008  
 2014-12-03 17:12:39.410 Physical Port: Ethernet  
 2014-12-03 17:12:39.410 Baler Model: 14 Software Version: 2.28  
 2014-12-03 17:12:39.410 MAC Address: 00:04:FB:00:02:EA  
 2014-12-03 17:12:39.410 Disk Size: 20000669696

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2014-12-03 17:12:39.410 Percent of 1177 data files in use: 46.0
2014-12-03 17:12:39.410 Channels Enabled: 1234 Preamps ON channels:
2014-12-03 17:12:39.410 Channel Sensitivities (uV per count):
2014-12-03 17:12:39.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-03 17:12:39.410 Digitizer Calibration Results:
2014-12-03 17:12:39.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-03 17:12:39.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-03 17:12:39.410 DMU1 Software Version=10
2014-12-03 17:12:39.410 Supply Voltage=12.7
2014-12-03 17:12:39.410 Supply Current=0.41
2014-12-03 17:12:39.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-03 17:12:39.410 WebLink Data Maps Restored
2014-12-03 17:12:39.410 [2014-12-03 05:11:45.999998] sequence resumes: 20833615 to
20833615
2014-12-03 17:12:39.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-03 17:12:38
2014-12-03 17:18:08.140 Reducing Status Polling Interval
2014-12-03 17:18:08.140 [2014-12-03 17:18:06.999998] total packets received: 46531
2014-12-03 17:18:08.140 [2014-12-03 17:18:06.999998] command timeouts: 6
2014-12-03 17:18:08.140 [2014-12-03 17:18:06.999998] out of window: 65
2014-12-03 17:18:08.140 written: HHZ-1134 HH1-1446 HH2-1371 BDH-440 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-12-03 17:18:08.140 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-29
VMZ-1 VM1-1
2014-12-03 17:18:08.140 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-03 17:18:08.140 [2014-12-03 17:18:06.999998] Done: 4529 recs. seq end:
20877196. run: 324 s
2014-12-04 05:19:01.420
2014-12-04 05:19:01.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-04 05:19:01.420 Control Port 2491 Opened
2014-12-04 05:19:01.420 Baler ready on Ethernet
2014-12-04 05:19:01.420 Power Cycled Baler Acknowledged
2014-12-04 05:19:01.420 Commands Accepted by Q330
2014-12-04 05:19:01.420 Access timeout: 300 sec
2014-12-04 05:19:01.420 Control Port 4023 Opened
2014-12-04 05:19:01.420 Data Port 4024 Opened
2014-12-04 05:19:01.420 Registered with Q330
2014-12-04 05:19:01.420 Combination Record Received
2014-12-04 05:19:01.420 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-04 05:19:01.420 Link Reset, starting window sequence: 25813
2014-12-04 05:19:01.420 GPS Receiver ID Received
2014-12-04 05:19:01.420 Manufacturer's Data Received, Property Tag=2017
2014-12-04 05:19:01.420 Digitizer Gain & Offsets Received
2014-12-04 05:19:01.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4529 recs.
seq end: 20877196
2014-12-04 05:19:01.420 Baler clock set to 2014-12-04 05:19:00
2014-12-04 05:19:01.420 Starting to Read DP Tokens
2014-12-04 05:19:01.420 DP Tokens loaded, size=1474 bytes
2014-12-04 05:19:01.420 Webserver advertising 192.168.200.119:5380
2014-12-04 05:19:01.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-04 05:19:01.420 filters & delay HH1:2@100,Linear all=0.320000
2014-12-04 05:19:01.420 filters & delay HH2:3@100,Linear all=0.320000
2014-12-04 05:19:01.420 filters & delay BDH:4@20,Linear all=1.650000
2014-12-04 05:19:01.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-04 05:19:01.420 filters & delay LH1:2@1,Linear all=15.000000
2014-12-04 05:19:01.420 filters & delay LH2:3@1,Linear all=15.000000
2014-12-04 05:19:01.420 filters & delay LDH:4@1,Linear all=15.000000
2014-12-04 05:19:01.420 [2014-12-03 17:18:06.999998] continuity found: 20877196
470942287.000000 Q=100
2014-12-04 05:19:01.420 [2014-12-03 17:18:06.999998] restoring continuity
2014-12-04 05:19:01.420 Sending DT_OPEN
2014-12-04 05:19:01.420 Station: XX-2017
2014-12-04 05:19:01.420 Q330 Serial Number: 0100000DB18FC351

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2014-12-04 05:19:01.420 AMB Serial Number: 0100000B6909DD82  
 2014-12-04 05:19:01.420 Seismo 1 Serial Number: 0000000000000000  
 2014-12-04 05:19:01.420 Seismo 2 Serial Number: 0000000000000000  
 2014-12-04 05:19:01.420 QAPCHP 1 Serial Number: 4643206  
 2014-12-04 05:19:01.420 QAPCHP 2 Serial Number: 3743050  
 2014-12-04 05:19:01.420 KMI Property Tag Number: 2017  
 2014-12-04 05:19:01.420 System Software Version: 1.146  
 2014-12-04 05:19:01.420 Slave Processor Version: 1.11  
 2014-12-04 05:19:01.420 Calibrator Type: QCAL330  
 2014-12-04 05:19:01.420 Calibrator Version: 1.8  
 2014-12-04 05:19:01.420 Auxiliary Board Type: None  
 2014-12-04 05:19:01.420 Clock Type: Motorola M12  
 2014-12-04 05:19:01.420 PLD Version: 7.9  
 2014-12-04 05:19:01.420 Total Hours: 70953.87  
 2014-12-04 05:19:01.420 Power On Hours: 35584.25  
 2014-12-04 05:19:01.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-04 05:19:01.420 Total Number of Boots: 120  
 2014-12-04 05:19:01.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-04 05:19:01.420 Total Number of Re-Syncs: 213  
 2014-12-04 05:19:01.420 Status Inputs: 00000000  
 2014-12-04 05:19:01.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-04 05:19:01.420 Clock Quality: 100%  
 2014-12-04 05:19:01.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-04 05:19:01.420 Clock Phase: 1 usec. max allowed=50000  
 2014-12-04 05:19:01.420 Boom positions:  
 2014-12-04 05:19:01.420 Ch1: -2 Ch2: -3 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-04 05:19:01.420 Analog Status  
 2014-12-04 05:19:01.420 Analog Positive Supply: 5.46V  
 2014-12-04 05:19:01.420 Input Voltage: 13.35V  
 2014-12-04 05:19:01.420 System Temperature: 5C  
 2014-12-04 05:19:01.420 Main Current: 62ma  
 2014-12-04 05:19:01.420 Antenna Current: 0ma  
 2014-12-04 05:19:01.420 GPS Status  
 2014-12-04 05:19:01.420 Time: 05:19:00  
 2014-12-04 05:19:01.420 Date:  
 2014-12-04 05:19:01.420 Fix Type: 1-D  
 2014-12-04 05:19:01.420 Height:  
 2014-12-04 05:19:01.420 Latitude:  
 2014-12-04 05:19:01.420 Longitude:  
 2014-12-04 05:19:01.420 On Time: 0min  
 2014-12-04 05:19:01.420 Sat. Used: 0  
 2014-12-04 05:19:01.420 In View: 0  
 2014-12-04 05:19:01.420 Checksum Errors: 0  
 2014-12-04 05:19:01.420 Last GPS timemark: 2014-12-04 05:18:59  
 2014-12-04 05:19:01.420 PLL Status  
 2014-12-04 05:19:01.420 State: Lock  
 2014-12-04 05:19:01.420 Initial VCO: 2200.030273  
 2014-12-04 05:19:01.420 Time Error: 0.000000  
 2014-12-04 05:19:01.420 RMS VCO: 0.0000000  
 2014-12-04 05:19:01.420 Best VCO: 2200.02  
 2014-12-04 05:19:01.420 Seconds Since Track or Lock: 0.0  
 2014-12-04 05:19:01.420 Vco Control: 2200  
 2014-12-04 05:19:01.420 timing mode: external seascan  
 2014-12-04 05:19:01.420 tempco normal  
 2014-12-04 05:19:01.420 PLL update: 10s PLL lock criterion: 5us  
 2014-12-04 05:19:01.420 Pfrac: 150.00  
 2014-12-04 05:19:01.420 VCO slope: -0.0175000  
 2014-12-04 05:19:01.420 VCO intercept: 7.1100001  
 2014-12-04 05:19:01.420 Km delta: 600.0000000  
 2014-12-04 05:19:01.420 Logical Port 4 Status  
 2014-12-04 05:19:01.420 Data Packets Sent: 24080013  
 2014-12-04 05:19:01.420 Flood Packets Sent: 0  
 2014-12-04 05:19:01.420 Packets Re-Sent: 38362

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2014-12-04 05:19:01.420 Sequence Errors: 0  
 2014-12-04 05:19:01.420 Packet Buffer Used: 22389540  
 2014-12-04 05:19:01.420 Physical Port: Ethernet  
 2014-12-04 05:19:01.420 Baler Model: 14 Software Version: 2.28  
 2014-12-04 05:19:01.420 MAC Address: 00:04:FB:00:02:EA  
 2014-12-04 05:19:01.420 Disk Size: 20000669696  
 2014-12-04 05:19:01.420 Percent of 1177 data files in use: 46.1  
 2014-12-04 05:19:01.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-04 05:19:01.420 Channel Sensitivities (uV per count):  
 2014-12-04 05:19:01.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-04 05:19:01.420 Digitizer Calibration Results:  
 2014-12-04 05:19:01.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-04 05:19:01.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-04 05:19:01.420 DMU1 Software Version=10  
 2014-12-04 05:19:01.420 Supply Voltage=12.7  
 2014-12-04 05:19:01.420 Supply Current=0.41  
 2014-12-04 05:19:01.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-04 05:19:01.420 WebLink Data Maps Restored  
 2014-12-04 05:19:01.420 [2014-12-03 17:18:06.999998] sequence resumes: 20877196 to 20877196  
 2014-12-04 05:19:01.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-04 05:19:00  
 2014-12-04 05:22:09.540 [2014-12-04 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-12-04 05:24:30.920 [2014-12-04 05:14:27.000001] total packets received: 48158  
 2014-12-04 05:24:30.920 [2014-12-04 05:14:27.000001] command timeouts: 6  
 2014-12-04 05:24:30.920 [2014-12-04 05:14:27.000001] out of window: 64  
 2014-12-04 05:24:30.920 written: HHZ-1161 HH1-1423 HH2-1343 BDH-435 VEP-2 VEC-2 VEA-2 VKI-2 VCO-2  
 2014-12-04 05:24:30.920 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-12-04 05:24:30.920 [2014-12-04 05:14:27.000001] Done: 4512 recs. seq end: 20920176. run: 325 s  
 2014-12-04 17:25:24.410  
 2014-12-04 17:25:24.410 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-04 17:25:24.410 Control Port 2491 Opened  
 2014-12-04 17:25:24.410 Baler ready on Ethernet  
 2014-12-04 17:25:24.410 Power Cycled Baler Acknowledged  
 2014-12-04 17:25:24.410 Commands Accepted by Q330  
 2014-12-04 17:25:24.410 Access timeout: 300 sec  
 2014-12-04 17:25:24.410 Control Port 4023 Opened  
 2014-12-04 17:25:24.410 Data Port 4024 Opened  
 2014-12-04 17:25:24.410 Registered with Q330  
 2014-12-04 17:25:24.410 Combination Record Received  
 2014-12-04 17:25:24.410 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-04 17:25:24.410 Link Reset, starting window sequence: 8336  
 2014-12-04 17:25:24.410 GPS Receiver ID Received  
 2014-12-04 17:25:24.410 Manufacturer's Data Received, Property Tag=2017  
 2014-12-04 17:25:24.410 Digitizer Gain & Offsets Received  
 2014-12-04 17:25:24.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4512 recs. seq end: 20920176  
 2014-12-04 17:25:24.410 Baler clock set to 2014-12-04 17:25:23  
 2014-12-04 17:25:24.410 Starting to Read DP Tokens  
 2014-12-04 17:25:24.410 DP Tokens loaded, size=1474 bytes  
 2014-12-04 17:25:24.410 webserver advertising 192.168.200.119:5380  
 2014-12-04 17:25:24.410 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-04 17:25:24.410 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-04 17:25:24.410 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-04 17:25:24.410 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-04 17:25:24.410 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-04 17:25:24.410 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-04 17:25:24.410 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-04 17:25:24.410 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-04 17:25:24.410 [2014-12-04 05:14:27.000001] continuity found: 20920176



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470985267.000000 Q=100
2014-12-04 17:25:24.410 [2014-12-04 05:14:27.000001] restoring continuity
2014-12-04 17:25:24.410 Sending DT_OPEN
2014-12-04 17:25:24.410 Station: XX-2017
2014-12-04 17:25:24.410 Q330 Serial Number: 0100000DB18FC351
2014-12-04 17:25:24.410 AMB Serial Number: 0100000B6909DD82
2014-12-04 17:25:24.410 Seismo 1 Serial Number: 0000000000000000
2014-12-04 17:25:24.410 Seismo 2 Serial Number: 0000000000000000
2014-12-04 17:25:24.410 QAPCHP 1 Serial Number: 4643206
2014-12-04 17:25:24.410 QAPCHP 2 Serial Number: 3743050
2014-12-04 17:25:24.410 KMI Property Tag Number: 2017
2014-12-04 17:25:24.410 System Software Version: 1.146
2014-12-04 17:25:24.410 Slave Processor Version: 1.11
2014-12-04 17:25:24.410 Calibrator Type: QCAL330
2014-12-04 17:25:24.410 Calibrator Version: 1.8
2014-12-04 17:25:24.410 Auxiliary Board Type: None
2014-12-04 17:25:24.410 Clock Type: Motorola M12
2014-12-04 17:25:24.410 PLD Version: 7.9
2014-12-04 17:25:24.410 Total Hours: 70965.98
2014-12-04 17:25:24.410 Power On Hours: 35596.36
2014-12-04 17:25:24.410 Time of Last Boot: 2014-04-06 02:03:58
2014-12-04 17:25:24.410 Total Number of Boots: 120
2014-12-04 17:25:24.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-04 17:25:24.410 Total Number of Re-Syncs: 213
2014-12-04 17:25:24.410 Status Inputs: 00000000
2014-12-04 17:25:24.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-04 17:25:24.410 Clock Quality: 100%
2014-12-04 17:25:24.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-04 17:25:24.410 Clock Phase: 0 usec. max allowed=50000
2014-12-04 17:25:24.410 Boom positions:
2014-12-04 17:25:24.410 Ch1: -2 Ch2: -3 Ch3: -5 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-04 17:25:24.410 Analog Status
2014-12-04 17:25:24.410 Analog Positive Supply: 5.46V
2014-12-04 17:25:24.410 Input Voltage: 13.20V
2014-12-04 17:25:24.410 System Temperature: 5C
2014-12-04 17:25:24.410 Main Current: 62ma
2014-12-04 17:25:24.410 Antenna Current: 0ma
2014-12-04 17:25:24.410 GPS Status
2014-12-04 17:25:24.410 Time: 17:25:22
2014-12-04 17:25:24.410 Date:
2014-12-04 17:25:24.410 Fix Type: 1-D
2014-12-04 17:25:24.410 Height:
2014-12-04 17:25:24.410 Latitude:
2014-12-04 17:25:24.410 Longitude:
2014-12-04 17:25:24.410 On Time: 0min
2014-12-04 17:25:24.410 Sat. Used: 0
2014-12-04 17:25:24.410 In View: 0
2014-12-04 17:25:24.410 Checksum Errors: 0
2014-12-04 17:25:24.410 Last GPS timemark: 2014-12-04 17:25:21
2014-12-04 17:25:24.410 PLL Status
2014-12-04 17:25:24.410 State: Lock
2014-12-04 17:25:24.410 Initial VCO: 2200.897217
2014-12-04 17:25:24.410 Time Error: 0.000000
2014-12-04 17:25:24.410 RMS VCO: 0.0000000
2014-12-04 17:25:24.410 Best VCO: 2200.93
2014-12-04 17:25:24.410 Seconds Since Track or Lock: 0.0
2014-12-04 17:25:24.410 Vco Control: 2201
2014-12-04 17:25:24.410 timing mode: external seacan
2014-12-04 17:25:24.410 tempco normal
2014-12-04 17:25:24.410 PLL update: 10s PLL lock criterion: 5us
2014-12-04 17:25:24.410 Pfrac: 150.00
2014-12-04 17:25:24.410 VCO slope: -0.0175000
2014-12-04 17:25:24.410 VCO intercept: 7.1100001

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2014-12-04 17:25:24.410 Km delta: 600.000000  
 2014-12-04 17:25:24.410 Logical Port 4 Status  
 2014-12-04 17:25:24.410 Data Packets Sent: 24128077  
 2014-12-04 17:25:24.410 Flood Packets Sent: 0  
 2014-12-04 17:25:24.410 Packets Re-Sent: 38444  
 2014-12-04 17:25:24.410 Sequence Errors: 0  
 2014-12-04 17:25:24.410 Packet Buffer Used: 22106888  
 2014-12-04 17:25:24.410 Physical Port: Ethernet  
 2014-12-04 17:25:24.410 Baler Model: 14 Software Version: 2.28  
 2014-12-04 17:25:24.410 MAC Address: 00:04:FB:00:02:EA  
 2014-12-04 17:25:24.410 Disk Size: 20000669696  
 2014-12-04 17:25:24.410 Percent of 1177 data files in use: 46.2  
 2014-12-04 17:25:24.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-04 17:25:24.410 Channel Sensitivities (uV per count):  
 2014-12-04 17:25:24.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-04 17:25:24.410 Digitizer Calibration Results:  
 2014-12-04 17:25:24.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-04 17:25:24.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-04 17:25:24.410 DMU1 Software Version=10  
 2014-12-04 17:25:24.410 Supply Voltage=12.6  
 2014-12-04 17:25:24.410 Supply Current=0.41  
 2014-12-04 17:25:24.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-04 17:25:24.410 webLink Data Maps Restored  
 2014-12-04 17:25:24.410 [2014-12-04 05:14:27.000001] sequence resumes: 20920176 to 20920176  
 2014-12-04 17:25:24.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-04 17:25:23  
 2014-12-04 17:30:55.120 [2014-12-04 17:26:29.000000] total packets received: 45626  
 2014-12-04 17:30:55.120 [2014-12-04 17:26:29.000000] command timeouts: 6  
 2014-12-04 17:30:55.120 [2014-12-04 17:26:29.000000] out of window: 66  
 2014-12-04 17:30:55.120 written: HHZ-1139 HH1-1341 HH2-1387 BDH-448 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-12-04 17:30:55.120 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-29  
 VMZ-2 VM1-2  
 2014-12-04 17:30:55.120 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-04 17:30:55.120 [2014-12-04 17:26:29.000000] Done: 4463 recs. seq end:  
 20964098. run: 325 s  
 2014-12-05 05:31:46.420  
 2014-12-05 05:31:46.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-05 05:31:46.420 Control Port 2491 Opened  
 2014-12-05 05:31:46.420 Baler ready on Ethernet  
 2014-12-05 05:31:46.420 Power Cycled Baler Acknowledged  
 2014-12-05 05:31:46.420 Commands Accepted by Q330  
 2014-12-05 05:31:46.420 Access timeout: 300 sec  
 2014-12-05 05:31:46.420 Control Port 4023 Opened  
 2014-12-05 05:31:46.420 Data Port 4024 Opened  
 2014-12-05 05:31:46.420 Registered with Q330  
 2014-12-05 05:31:46.420 Combination Record Received  
 2014-12-05 05:31:46.420 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-05 05:31:46.420 Link Reset, starting window sequence: 53861  
 2014-12-05 05:31:46.420 GPS Receiver ID Received  
 2014-12-05 05:31:46.420 Manufacturer's Data Received, Property Tag=2017  
 2014-12-05 05:31:46.420 Digitizer Gain & Offsets Received  
 2014-12-05 05:31:46.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4463 recs.  
 seq end: 20964098  
 2014-12-05 05:31:46.420 Baler clock set to 2014-12-05 05:31:45  
 2014-12-05 05:31:46.420 Starting to Read DP Tokens  
 2014-12-05 05:31:46.420 DP Tokens loaded, size=1474 bytes  
 2014-12-05 05:31:46.420 webserver advertising 192.168.200.119:5380  
 2014-12-05 05:31:46.420 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-05 05:31:46.420 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-05 05:31:46.420 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-05 05:31:46.420 filters & delay BDH:4@20,Linear all=1.650000

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2014-12-05 05:31:46.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-05 05:31:46.420 filters & delay LH1:2@1,Linear all=15.000000
2014-12-05 05:31:46.420 filters & delay LH2:3@1,Linear all=15.000000
2014-12-05 05:31:46.420 filters & delay LDH:4@1,Linear all=15.000000
2014-12-05 05:31:46.420 [2014-12-04 17:26:29.000000] continuity found: 20964098
471029189.000000 Q=100
2014-12-05 05:31:46.420 [2014-12-04 17:26:29.000000] restoring continuity
2014-12-05 05:31:46.420 Sending DT_OPEN
2014-12-05 05:31:46.420 Station: XX-2017
2014-12-05 05:31:46.420 Q330 Serial Number: 0100000DB18FC351
2014-12-05 05:31:46.420 AMB Serial Number: 0100000B6909DD82
2014-12-05 05:31:46.420 Seismo 1 Serial Number: 0000000000000000
2014-12-05 05:31:46.420 Seismo 2 Serial Number: 0000000000000000
2014-12-05 05:31:46.420 QAPCHP 1 Serial Number: 4643206
2014-12-05 05:31:46.420 QAPCHP 2 Serial Number: 3743050
2014-12-05 05:31:46.420 KMI Property Tag Number: 2017
2014-12-05 05:31:46.420 System Software Version: 1.146
2014-12-05 05:31:46.420 Slave Processor Version: 1.11
2014-12-05 05:31:46.420 Calibrator Type: QCAL330
2014-12-05 05:31:46.420 Calibrator Version: 1.8
2014-12-05 05:31:46.420 Auxiliary Board Type: None
2014-12-05 05:31:46.420 Clock Type: Motorola M12
2014-12-05 05:31:46.420 PLD Version: 7.9
2014-12-05 05:31:46.420 Total Hours: 70978.08
2014-12-05 05:31:46.420 Power On Hours: 35608.47
2014-12-05 05:31:46.420 Time of Last Boot: 2014-04-06 02:03:58
2014-12-05 05:31:46.420 Total Number of Boots: 120
2014-12-05 05:31:46.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-05 05:31:46.420 Total Number of Re-Syncs: 213
2014-12-05 05:31:46.420 Status Inputs: 00000000
2014-12-05 05:31:46.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-05 05:31:46.420 Clock Quality: 100%
2014-12-05 05:31:46.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-05 05:31:46.420 Clock Phase: 0 usec. max allowed=50000
2014-12-05 05:31:46.420 Boom positions:
2014-12-05 05:31:46.420 Ch1: -2 Ch2: -3 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-05 05:31:46.420 Analog Status
2014-12-05 05:31:46.420 Analog Positive Supply: 5.46V
2014-12-05 05:31:46.420 Input Voltage: 13.20V
2014-12-05 05:31:46.420 System Temperature: 5C
2014-12-05 05:31:46.420 Main Current: 62ma
2014-12-05 05:31:46.420 Antenna Current: 0ma
2014-12-05 05:31:46.420 GPS Status
2014-12-05 05:31:46.420 Time: 05:31:45
2014-12-05 05:31:46.420 Date:
2014-12-05 05:31:46.420 Fix Type: 1-D
2014-12-05 05:31:46.420 Height:
2014-12-05 05:31:46.420 Latitude:
2014-12-05 05:31:46.420 Longitude:
2014-12-05 05:31:46.420 On Time: 0min
2014-12-05 05:31:46.420 Sat. Used: 0
2014-12-05 05:31:46.420 In View: 0
2014-12-05 05:31:46.420 Checksum Errors: 0
2014-12-05 05:31:46.420 Last GPS timemark: 2014-12-05 05:31:44
2014-12-05 05:31:46.420 PLL Status
2014-12-05 05:31:46.420 Intitial VCO: 2200.972412
2014-12-05 05:31:46.420 Time Error: 0.000000
2014-12-05 05:31:46.420 RMS VCO: 0.0000000
2014-12-05 05:31:46.420 Best VCO: 2200.98
2014-12-05 05:31:46.420 Seconds Since Track or Lock: 0.0
2014-12-05 05:31:46.420 Vco Control: 2201
2014-12-05 05:31:46.420 timing mode: external seascan
2014-12-05 05:31:46.420 tempco normal

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2014-12-05 05:31:46.420 PLL update: 10s PLL lock criterion: 5us  
 2014-12-05 05:31:46.420 Pfrac: 150.00  
 2014-12-05 05:31:46.420 VCO slope: -0.0175000  
 2014-12-05 05:31:46.420 VCO intercept: 7.1100001  
 2014-12-05 05:31:46.420 km delta: 600.0000000  
 2014-12-05 05:31:46.420 Logical Port 4 Status  
 2014-12-05 05:31:46.420 Data Packets Sent: 24173607  
 2014-12-05 05:31:46.420 Flood Packets Sent: 0  
 2014-12-05 05:31:46.420 Packets Re-Sent: 38524  
 2014-12-05 05:31:46.420 Sequence Errors: 0  
 2014-12-05 05:31:46.420 Packet Buffer Used: 23279596  
 2014-12-05 05:31:46.420 Physical Port: Ethernet  
 2014-12-05 05:31:46.420 Baler Model: 14 Software Version: 2.28  
 2014-12-05 05:31:46.420 MAC Address: 00:04:FB:00:02:EA  
 2014-12-05 05:31:46.420 Disk Size: 20000669696  
 2014-12-05 05:31:46.420 Percent of 1177 data files in use: 46.4  
 2014-12-05 05:31:46.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-05 05:31:46.420 Channel sensitivities (uV per count):  
 2014-12-05 05:31:46.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-05 05:31:46.420 Digitizer Calibration Results:  
 2014-12-05 05:31:46.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-05 05:31:46.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-05 05:31:46.420 DMU1 Software Version=10  
 2014-12-05 05:31:46.420 Supply Voltage=12.7  
 2014-12-05 05:31:46.420 Supply Current=0.40  
 2014-12-05 05:31:46.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-05 05:31:46.420 WebLink Data Maps Restored  
 2014-12-05 05:31:46.420 [2014-12-04 17:26:29.000000] sequence resumes: 20964098 to  
 20964098  
 2014-12-05 05:31:46.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-05 05:31:45  
 2014-12-05 05:34:49.540 [2014-12-05 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-12-05 05:37:35.800 Reducing Status Polling Interval  
 2014-12-05 05:37:35.800 [2014-12-05 05:37:34.999998] total packets received: 57770  
 2014-12-05 05:37:35.800 [2014-12-05 05:37:34.999998] command timeouts: 6  
 2014-12-05 05:37:35.800 [2014-12-05 05:37:34.999998] out of window: 53  
 2014-12-05 05:37:35.800 written: HHZ-1218 HH1-1504 HH2-1455 BDH-450 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-12-05 05:37:35.800 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-29  
 VMZ-1 VM1-1  
 2014-12-05 05:37:35.800 written: VM2-1 LOG-3 ACE-2 OCF-2  
 2014-12-05 05:37:35.800 [2014-12-05 05:37:34.999998] Done: 4767 recs. seq end:  
 21007964. run: 345 s  
 2014-12-05 17:38:28.420  
 2014-12-05 17:38:28.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-05 17:38:28.420 Control Port 2491 Opened  
 2014-12-05 17:38:28.420 Baler ready on Ethernet  
 2014-12-05 17:38:28.420 Power Cycled Baler Acknowledged  
 2014-12-05 17:38:28.420 Commands Accepted by Q330  
 2014-12-05 17:38:28.420 Access timeout: 300 sec  
 2014-12-05 17:38:28.420 Control Port 4023 Opened  
 2014-12-05 17:38:28.420 Data Port 4024 Opened  
 2014-12-05 17:38:28.420 Registered with Q330  
 2014-12-05 17:38:28.420 Combination Record Received  
 2014-12-05 17:38:28.420 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-05 17:38:28.420 Link Reset, starting window sequence: 46006  
 2014-12-05 17:38:28.420 GPS Receiver ID Received  
 2014-12-05 17:38:28.420 Manufacturer's Data Received, Property Tag=2017  
 2014-12-05 17:38:28.420 Digitizer Gain & Offsets Received  
 2014-12-05 17:38:28.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4767 recs.  
 seq end: 21007964  
 2014-12-05 17:38:28.420 Baler clock set to 2014-12-05 17:38:27

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2014-12-05 17:38:28.420 Starting to Read DP Tokens
2014-12-05 17:38:28.420 DP Tokens loaded, size=1474 bytes
2014-12-05 17:38:28.420 Webserver advertising 192.168.200.119:5380
2014-12-05 17:38:28.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-05 17:38:28.420 filters & delay HH1:2@100,Linear all=0.320000
2014-12-05 17:38:28.420 filters & delay HH2:3@100,Linear all=0.320000
2014-12-05 17:38:28.420 filters & delay BDH:4@20,Linear all=1.650000
2014-12-05 17:38:28.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-05 17:38:28.420 filters & delay LH1:2@1,Linear all=15.000000
2014-12-05 17:38:28.420 filters & delay LH2:3@1,Linear all=15.000000
2014-12-05 17:38:28.420 filters & delay LDH:4@1,Linear all=15.000000
2014-12-05 17:38:28.420 [2014-12-05 05:37:34.999998] continuity found: 21007964
471073055.000000 Q=100
2014-12-05 17:38:28.420 [2014-12-05 05:37:34.999998] restoring continuity
2014-12-05 17:38:28.420 Sending DT_OPEN
2014-12-05 17:38:28.420 Station: XX-2017
2014-12-05 17:38:28.420 Q330 Serial Number: 0100000DB18FC351
2014-12-05 17:38:28.420 AMB Serial Number: 0100000B6909DD82
2014-12-05 17:38:28.420 Seismo 1 Serial Number: 0000000000000000
2014-12-05 17:38:28.420 Seismo 2 Serial Number: 0000000000000000
2014-12-05 17:38:28.420 QAPCHP 1 Serial Number: 4643206
2014-12-05 17:38:28.420 QAPCHP 2 Serial Number: 3743050
2014-12-05 17:38:28.420 KMI Property Tag Number: 2017
2014-12-05 17:38:28.420 System Software Version: 1.146
2014-12-05 17:38:28.420 Slave Processor Version: 1.11
2014-12-05 17:38:28.420 Calibrator Type: QCAL330
2014-12-05 17:38:28.420 Calibrator Version: 1.8
2014-12-05 17:38:28.420 Auxiliary Board Type: None
2014-12-05 17:38:28.420 Clock Type: Motorola M12
2014-12-05 17:38:28.420 PLD Version: 7.9
2014-12-05 17:38:28.420 Total Hours: 70990.19
2014-12-05 17:38:28.420 Power On Hours: 35620.58
2014-12-05 17:38:28.420 Time of Last Boot: 2014-04-06 02:03:58
2014-12-05 17:38:28.420 Total Number of Boots: 120
2014-12-05 17:38:28.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-05 17:38:28.420 Total Number of Re-Syncs: 213
2014-12-05 17:38:28.420 Status Inputs: 00000000
2014-12-05 17:38:28.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-05 17:38:28.420 Clock Quality: 100%
2014-12-05 17:38:28.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-05 17:38:28.420 Clock Phase: 0 usec. max allowed=50000
2014-12-05 17:38:28.420 Boom positions:
2014-12-05 17:38:28.420 Ch1: -2 Ch2: -3 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-05 17:38:28.420 Analog Status
2014-12-05 17:38:28.420 Analog Positive Supply: 5.46V
2014-12-05 17:38:28.420 Input Voltage: 13.20V
2014-12-05 17:38:28.420 System Temperature: 5C
2014-12-05 17:38:28.420 Main Current: 62ma
2014-12-05 17:38:28.420 Antenna Current: 0ma
2014-12-05 17:38:28.420 GPS Status
2014-12-05 17:38:28.420 Time: 17:38:27
2014-12-05 17:38:28.420 Date:
2014-12-05 17:38:28.420 Fix Type: 1-D
2014-12-05 17:38:28.420 Height:
2014-12-05 17:38:28.420 Latitude:
2014-12-05 17:38:28.420 Longitude:
2014-12-05 17:38:28.420 On Time: 0min
2014-12-05 17:38:28.420 Sat. Used: 0
2014-12-05 17:38:28.420 In View: 0
2014-12-05 17:38:28.420 Checksum Errors: 0
2014-12-05 17:38:28.420 Last GPS timemark: 2014-12-05 17:38:26
2014-12-05 17:38:28.420 PLL Status
2014-12-05 17:38:28.420 State: Lock

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2014-12-05 17:38:28.420 Initial VCO: 2198.811768
2014-12-05 17:38:28.420 Time Error: 0.000000
2014-12-05 17:38:28.420 RMS VCO: 0.000000
2014-12-05 17:38:28.420 Best VCO: 2198.49
2014-12-05 17:38:28.420 Seconds Since Track or Lock: 0.0
2014-12-05 17:38:28.420 Vco Control: 2199
2014-12-05 17:38:28.420 timing mode: external seascan
2014-12-05 17:38:28.420 tempco normal
2014-12-05 17:38:28.420 PLL update: 10s  PLL lock criterion: 5us
2014-12-05 17:38:28.420 Pfrac: 150.00
2014-12-05 17:38:28.420 VCO slope: -0.0175000
2014-12-05 17:38:28.420 VCO intercept: 7.1100001
2014-12-05 17:38:28.420 Km delta: 600.000000
2014-12-05 17:38:28.420 Logical Port 4 Status
2014-12-05 17:38:28.420 Data Packets Sent: 24231293
2014-12-05 17:38:28.420 Flood Packets Sent: 0
2014-12-05 17:38:28.420 Packets Re-Sent: 38593
2014-12-05 17:38:28.420 Sequence Errors: 0
2014-12-05 17:38:28.420 Packet Buffer Used: 22621884
2014-12-05 17:38:28.420 Physical Port: Ethernet
2014-12-05 17:38:28.420 Baler Model: 14  Software Version: 2.28
2014-12-05 17:38:28.420 MAC Address: 00:04:FB:00:02:EA
2014-12-05 17:38:28.420 Disk Size: 20000669696
2014-12-05 17:38:28.420 Percent of 1177 data files in use: 46.5
2014-12-05 17:38:28.420 Channels Enabled: 1234  Preamps ON channels:
2014-12-05 17:38:28.420 Channel Sensitivities (uV per count):
2014-12-05 17:38:28.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-05 17:38:28.420 Digitizer Calibration Results:
2014-12-05 17:38:28.420 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2014-12-05 17:38:28.420 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2014-12-05 17:38:28.420 DMU1 Software Version=10
2014-12-05 17:38:28.420 Supply Voltage=12.7
2014-12-05 17:38:28.420 Supply Current=0.41
2014-12-05 17:38:28.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-05 17:38:28.420 webLink Data Maps Restored
2014-12-05 17:38:28.420 [2014-12-05 05:37:34.999998] sequence resumes: 21007964 to
21007964
2014-12-05 17:38:28.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-05 17:38:27
2014-12-05 17:44:09.400 Reducing Status Polling Interval
2014-12-05 17:44:09.400 [2014-12-05 17:44:09.000000] total packets received: 48579
2014-12-05 17:44:09.400 [2014-12-05 17:44:09.000000] command timeouts: 6
2014-12-05 17:44:09.400 [2014-12-05 17:44:09.000000] out of window: 79
2014-12-05 17:44:09.400 written: HHZ-1157 HH1-1441 HH2-1443 BDH-444 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-12-05 17:44:09.400 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2014-12-05 17:44:09.400 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-05 17:44:09.400 [2014-12-05 17:44:09.000000] Done: 4629 recs. seq end:
21051558. run: 336 s
2014-12-06 05:45:01.410
2014-12-06 05:45:01.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-06 05:45:01.410 Control Port 2491 Opened
2014-12-06 05:45:01.410 Baler ready on Ethernet
2014-12-06 05:45:01.410 Power Cycled Baler Acknowledged
2014-12-06 05:45:01.410 Commands Accepted by Q330
2014-12-06 05:45:01.410 Access timeout: 300 sec
2014-12-06 05:45:01.410 Control Port 4023 Opened
2014-12-06 05:45:01.410 Data Port 4024 Opened
2014-12-06 05:45:01.410 Registered with Q330
2014-12-06 05:45:01.410 Combination Record Received
2014-12-06 05:45:01.410 window=4  Min. Timeout=10  Max. Timeout=30
2014-12-06 05:45:01.410 Link Reset, starting window sequence: 28934

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2014-12-06 05:45:01.410 GPS Receiver ID Received  
 2014-12-06 05:45:01.410 Manufacturer's Data Received, Property Tag=2017  
 2014-12-06 05:45:01.410 Digitizer Gain & Offsets Received  
 2014-12-06 05:45:01.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4629 recs.  
 seq end: 21051558  
 2014-12-06 05:45:01.410 Baler clock set to 2014-12-06 05:45:00  
 2014-12-06 05:45:01.410 Starting to Read DP Tokens  
 2014-12-06 05:45:01.410 DP Tokens loaded, size=1474 bytes  
 2014-12-06 05:45:01.410 Webserver advertising 192.168.200.119:5380  
 2014-12-06 05:45:01.410 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-06 05:45:01.410 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-06 05:45:01.410 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-06 05:45:01.410 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-06 05:45:01.410 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-06 05:45:01.410 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-06 05:45:01.410 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-06 05:45:01.410 [2014-12-05 17:44:09.000000] continuity found: 21051558  
 471116649.000000 Q=100  
 2014-12-06 05:45:01.410 [2014-12-05 17:44:09.000000] restoring continuity  
 2014-12-06 05:45:01.410 Sending DT\_OPEN  
 2014-12-06 05:45:01.410 Station: XX-2017  
 2014-12-06 05:45:01.410 Q330 Serial Number: 0100000DB18FC351  
 2014-12-06 05:45:01.410 AMB Serial Number: 0100000B6909DD82  
 2014-12-06 05:45:01.410 Seismo 1 Serial Number: 0000000000000000  
 2014-12-06 05:45:01.410 Seismo 2 Serial Number: 0000000000000000  
 2014-12-06 05:45:01.410 QAPCHP 1 Serial Number: 4643206  
 2014-12-06 05:45:01.410 QAPCHP 2 Serial Number: 3743050  
 2014-12-06 05:45:01.410 KMI Property Tag Number: 2017  
 2014-12-06 05:45:01.410 System Software Version: 1.146  
 2014-12-06 05:45:01.410 Slave Processor Version: 1.11  
 2014-12-06 05:45:01.410 Calibrator Type: QCAL330  
 2014-12-06 05:45:01.410 Calibrator Version: 1.8  
 2014-12-06 05:45:01.410 Auxiliary Board Type: None  
 2014-12-06 05:45:01.410 Clock Type: Motorola M12  
 2014-12-06 05:45:01.410 PLD Version: 7.9  
 2014-12-06 05:45:01.410 Total Hours: 71002.30  
 2014-12-06 05:45:01.410 Power On Hours: 35632.69  
 2014-12-06 05:45:01.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-06 05:45:01.410 Total Number of Boots: 120  
 2014-12-06 05:45:01.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-06 05:45:01.410 Total Number of Re-Syncs: 213  
 2014-12-06 05:45:01.410 Status Inputs: 00000000  
 2014-12-06 05:45:01.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-06 05:45:01.410 Clock Quality: 100%  
 2014-12-06 05:45:01.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-06 05:45:01.410 Clock Phase: -2 usec. max allowed=50000  
 2014-12-06 05:45:01.410 Boom positions:  
 2014-12-06 05:45:01.410 Ch1: -2 Ch2: -3 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-06 05:45:01.410 Analog Status  
 2014-12-06 05:45:01.410 Analog Positive Supply: 5.46V  
 2014-12-06 05:45:01.410 Input Voltage: 13.35V  
 2014-12-06 05:45:01.410 System Temperature: 5C  
 2014-12-06 05:45:01.410 Main Current: 61ma  
 2014-12-06 05:45:01.410 Antenna Current: 0ma  
 2014-12-06 05:45:01.410 GPS Status  
 2014-12-06 05:45:01.410 Time: 05:45:01  
 2014-12-06 05:45:01.410 Date:  
 2014-12-06 05:45:01.410 Fix Type: 1-D  
 2014-12-06 05:45:01.410 Height:  
 2014-12-06 05:45:01.410 Latitude:  
 2014-12-06 05:45:01.410 Longitude:  
 2014-12-06 05:45:01.410 On Time: 0min  
 2014-12-06 05:45:01.410 Sat. Used: 0

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2014-12-06 05:45:01.410 In View: 0  
 2014-12-06 05:45:01.410 Checksum Errors: 0  
 2014-12-06 05:45:01.410 Last GPS timemark: 2014-12-06 05:45:00  
 2014-12-06 05:45:01.410 PLL Status  
 2014-12-06 05:45:01.410 State: Lock  
 2014-12-06 05:45:01.410 Initial VCO: 2200.979980  
 2014-12-06 05:45:01.410 Time Error: 0.000000  
 2014-12-06 05:45:01.410 RMS VCO: 0.000000  
 2014-12-06 05:45:01.410 Best VCO: 2200.99  
 2014-12-06 05:45:01.410 Seconds Since Track or Lock: 0.0  
 2014-12-06 05:45:01.410 Vco Control: 2201  
 2014-12-06 05:45:01.410 timing mode: external seascan  
 2014-12-06 05:45:01.410 tempco normal  
 2014-12-06 05:45:01.410 PLL update: 10s PLL lock criterion: 5us  
 2014-12-06 05:45:01.410 Pfrac: 150.00  
 2014-12-06 05:45:01.410 VCO slope: -0.0175000  
 2014-12-06 05:45:01.410 VCO intercept: 7.1100001  
 2014-12-06 05:45:01.410 km delta: 600.0000000  
 2014-12-06 05:45:01.410 Logical Port 4 Status  
 2014-12-06 05:45:01.410 Data Packets Sent: 24279762  
 2014-12-06 05:45:01.410 Flood Packets Sent: 0  
 2014-12-06 05:45:01.410 Packets Re-Sent: 38685  
 2014-12-06 05:45:01.410 Sequence Errors: 0  
 2014-12-06 05:45:01.410 Packet Buffer Used: 22303472  
 2014-12-06 05:45:01.410 Physical Port: Ethernet  
 2014-12-06 05:45:01.410 Baler Model: 14 Software Version: 2.28  
 2014-12-06 05:45:01.410 MAC Address: 00:04:FB:00:02:EA  
 2014-12-06 05:45:01.410 Disk Size: 20000669696  
 2014-12-06 05:45:01.410 Percent of 1177 data files in use: 46.6  
 2014-12-06 05:45:01.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-06 05:45:01.410 Channel Sensitivities (uV per count):  
 2014-12-06 05:45:01.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-06 05:45:01.410 Digitizer Calibration Results:  
 2014-12-06 05:45:01.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-06 05:45:01.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-06 05:45:01.410 DMU1 Software Version=10  
 2014-12-06 05:45:01.410 Supply Voltage=12.7  
 2014-12-06 05:45:01.410 Supply Current=0.40  
 2014-12-06 05:45:01.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-06 05:45:01.410 WebLink Data Maps Restored  
 2014-12-06 05:45:01.410 [2014-12-05 17:44:09.000000] sequence resumes: 21051558 to 21051558  
 2014-12-06 05:45:01.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-06 05:45:00  
 2014-12-06 05:47:56.080 [2014-12-06 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-12-06 05:50:38.440 Reducing Status Polling Interval  
 2014-12-06 05:50:38.440 [2014-12-06 05:50:38.999998] total packets received: 47648  
 2014-12-06 05:50:38.440 [2014-12-06 05:50:38.999998] command timeouts: 6  
 2014-12-06 05:50:38.440 [2014-12-06 05:50:38.999998] out of window: 66  
 2014-12-06 05:50:38.440 written: HHZ-1137 HH1-1414 HH2-1419 BDH-438 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-06 05:50:38.440 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-12-06 05:50:38.440 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-12-06 05:50:38.440 [2014-12-06 05:50:38.999998] Done: 4551 recs. seq end: 21095148. run: 332 s  
 2014-12-06 17:51:31.380  
 2014-12-06 17:51:31.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-06 17:51:31.380 Control Port 2491 Opened  
 2014-12-06 17:51:31.380 Baler ready on Ethernet  
 2014-12-06 17:51:31.380 Power Cycled Baler Acknowledged  
 2014-12-06 17:51:31.380 Commands Accepted by Q330



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2014-12-06 17:51:31.380 Access timeout: 300 sec  
 2014-12-06 17:51:31.380 Control Port 4023 Opened  
 2014-12-06 17:51:31.380 Data Port 4024 Opened  
 2014-12-06 17:51:31.380 Registered with Q330  
 2014-12-06 17:51:31.380 Combination Record Received  
 2014-12-06 17:51:31.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-06 17:51:31.380 Link Reset, starting window sequence: 10944  
 2014-12-06 17:51:31.380 GPS Receiver ID Received  
 2014-12-06 17:51:31.380 Manufacturer's Data Received, Property Tag=2017  
 2014-12-06 17:51:31.380 Digitizer Gain & Offsets Received  
 2014-12-06 17:51:31.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4551 recs.  
 seq end: 21095148  
 2014-12-06 17:51:31.380 Baler clock set to 2014-12-06 17:51:30  
 2014-12-06 17:51:31.380 Starting to Read DP Tokens  
 2014-12-06 17:51:31.380 DP Tokens loaded, size=1474 bytes  
 2014-12-06 17:51:31.380 webserver advertising 192.168.200.119:5380  
 2014-12-06 17:51:31.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-06 17:51:31.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-06 17:51:31.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-06 17:51:31.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-06 17:51:31.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-06 17:51:31.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-06 17:51:31.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-06 17:51:31.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-06 17:51:31.380 [2014-12-06 05:50:38.999998] continuity found: 21095148  
 471160239.000000 Q=100  
 2014-12-06 17:51:31.380 [2014-12-06 05:50:38.999998] restoring continuity  
 2014-12-06 17:51:31.380 Sending DT\_OPEN  
 2014-12-06 17:51:31.380 Station: XX-2017  
 2014-12-06 17:51:31.380 Q330 Serial Number: 0100000DB18FC351  
 2014-12-06 17:51:31.380 AMB Serial Number: 0100000B6909DD82  
 2014-12-06 17:51:31.380 Seismo 1 Serial Number: 0000000000000000  
 2014-12-06 17:51:31.380 Seismo 2 Serial Number: 0000000000000000  
 2014-12-06 17:51:31.380 QAPCHP 1 Serial Number: 4643206  
 2014-12-06 17:51:31.380 QAPCHP 2 Serial Number: 3743050  
 2014-12-06 17:51:31.380 KMI Property Tag Number: 2017  
 2014-12-06 17:51:31.380 System Software Version: 1.146  
 2014-12-06 17:51:31.380 Slave Processor Version: 1.11  
 2014-12-06 17:51:31.380 Calibrator Type: QCAL330  
 2014-12-06 17:51:31.380 Calibrator Version: 1.8  
 2014-12-06 17:51:31.380 Auxiliary Board Type: None  
 2014-12-06 17:51:31.380 Clock Type: Motorola M12  
 2014-12-06 17:51:31.380 PLD Version: 7.9  
 2014-12-06 17:51:31.380 Total Hours: 71014.41  
 2014-12-06 17:51:31.380 Power On Hours: 35644.80  
 2014-12-06 17:51:31.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-06 17:51:31.380 Total Number of Boots: 120  
 2014-12-06 17:51:31.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-06 17:51:31.380 Total Number of Re-Syncs: 213  
 2014-12-06 17:51:31.380 Status Inputs: 00000000  
 2014-12-06 17:51:31.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-06 17:51:31.380 Clock Quality: 100%  
 2014-12-06 17:51:31.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-06 17:51:31.380 Clock Phase: 0 usec. max allowed=50000  
 2014-12-06 17:51:31.380 Boom positions:  
 2014-12-06 17:51:31.380 Ch1: -2 Ch2: -4 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-06 17:51:31.380 Analog Status  
 2014-12-06 17:51:31.380 Analog Positive Supply: 5.46V  
 2014-12-06 17:51:31.380 Input Voltage: 13.35V  
 2014-12-06 17:51:31.380 System Temperature: 5C  
 2014-12-06 17:51:31.380 Main Current: 62ma  
 2014-12-06 17:51:31.380 Antenna Current: 0ma  
 2014-12-06 17:51:31.380 GPS Status

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2014-12-06 17:51:31.380 Time: 17:51:30  
 2014-12-06 17:51:31.380 Date:  
 2014-12-06 17:51:31.380 Fix Type: 1-D  
 2014-12-06 17:51:31.380 Height:  
 2014-12-06 17:51:31.380 Latitude:  
 2014-12-06 17:51:31.380 Longitude:  
 2014-12-06 17:51:31.380 On Time: 0min  
 2014-12-06 17:51:31.380 Sat. Used: 0  
 2014-12-06 17:51:31.380 In View: 0  
 2014-12-06 17:51:31.380 Checksum Errors: 0  
 2014-12-06 17:51:31.380 Last GPS timemark: 2014-12-06 17:51:29  
 2014-12-06 17:51:31.380 PLL Status  
 2014-12-06 17:51:31.380 State: Lock  
 2014-12-06 17:51:31.380 Initial VCO: 2200.998535  
 2014-12-06 17:51:31.380 Time Error: 0.000000  
 2014-12-06 17:51:31.380 RMS VCO: 0.0000000  
 2014-12-06 17:51:31.380 Best VCO: 2201.00  
 2014-12-06 17:51:31.380 Seconds Since Track or Lock: 0.0  
 2014-12-06 17:51:31.380 Vco Control: 2201  
 2014-12-06 17:51:31.380 timing mode: external seascan  
 2014-12-06 17:51:31.380 tempco normal  
 2014-12-06 17:51:31.380 PLL update: 10s PLL lock criterion: 5us  
 2014-12-06 17:51:31.380 Pfrac: 150.00  
 2014-12-06 17:51:31.380 VCO slope: -0.0175000  
 2014-12-06 17:51:31.380 VCO intercept: 7.1100001  
 2014-12-06 17:51:31.380 Km delta: 600.0000000  
 2014-12-06 17:51:31.380 Logical Port 4 Status  
 2014-12-06 17:51:31.380 Data Packets Sent: 24327313  
 2014-12-06 17:51:31.380 Flood Packets Sent: 0  
 2014-12-06 17:51:31.380 Packets Re-Sent: 38765  
 2014-12-06 17:51:31.380 Sequence Errors: 0  
 2014-12-06 17:51:31.380 Packet Buffer Used: 22114412  
 2014-12-06 17:51:31.380 Physical Port: Ethernet  
 2014-12-06 17:51:31.380 Baler Model: 14 Software Version: 2.28  
 2014-12-06 17:51:31.380 MAC Address: 00:04:FB:00:02:EA  
 2014-12-06 17:51:31.380 Disk Size: 20000669696  
 2014-12-06 17:51:31.380 Percent of 1177 data files in use: 46.6  
 2014-12-06 17:51:31.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-06 17:51:31.380 Channel Sensitivities (uV per count):  
 2014-12-06 17:51:31.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-06 17:51:31.380 Digitizer Calibration Results:  
 2014-12-06 17:51:31.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-06 17:51:31.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-06 17:51:31.380 DMU1 Software Version=10  
 2014-12-06 17:51:31.380 Supply Voltage=12.7  
 2014-12-06 17:51:31.380 Supply Current=0.41  
 2014-12-06 17:51:31.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-06 17:51:31.380 [2014-12-06 05:50:38.999998] sequence resumes: 21095148 to 21095148  
 2014-12-06 17:51:31.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-06 17:51:30  
 2014-12-06 17:57:01.380 Reducing Status Polling Interval  
 2014-12-06 17:57:01.380 [2014-12-06 17:56:59.999998] total packets received: 45962  
 2014-12-06 17:57:01.380 [2014-12-06 17:56:59.999998] command timeouts: 6  
 2014-12-06 17:57:01.380 [2014-12-06 17:56:59.999998] out of window: 67  
 2014-12-06 17:57:01.380 written: HHZ-1125 HH1-1402 HH2-1407 BDH-434 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-12-06 17:57:01.380 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-12-06 17:57:01.380 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-06 17:57:01.380 [2014-12-06 17:56:59.999998] Done: 4503 recs. seq end:  
 21138729. run: 325 s  
 2014-12-07 05:57:55.370

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2014-12-07 05:57:55.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-07 05:57:55.370 Control Port 2491 Opened  
 2014-12-07 05:57:55.370 Baler ready on Ethernet  
 2014-12-07 05:57:55.370 Power Cycled Baler Acknowledged  
 2014-12-07 05:57:55.370 Commands Accepted by Q330  
 2014-12-07 05:57:55.370 Access timeout: 300 sec  
 2014-12-07 05:57:55.370 Control Port 4023 Opened  
 2014-12-07 05:57:55.370 Data Port 4024 Opened  
 2014-12-07 05:57:55.370 Registered with Q330  
 2014-12-07 05:57:55.370 Combination Record Received  
 2014-12-07 05:57:55.370 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-07 05:57:55.370 Link Reset, starting window sequence: 56803  
 2014-12-07 05:57:55.370 GPS Receiver ID Received  
 2014-12-07 05:57:55.370 Manufacturer's Data Received, Property Tag=2017  
 2014-12-07 05:57:55.370 Digitizer Gain & Offsets Received  
 2014-12-07 05:57:55.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4503 recs.  
 seq end: 21138729  
 2014-12-07 05:57:55.370 Baler clock set to 2014-12-07 05:57:54  
 2014-12-07 05:57:55.370 Starting to Read DP Tokens  
 2014-12-07 05:57:55.370 DP Tokens loaded, size=1474 bytes  
 2014-12-07 05:57:55.370 Webserver advertising 192.168.200.119:5380  
 2014-12-07 05:57:55.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-07 05:57:55.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-07 05:57:55.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-07 05:57:55.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-07 05:57:55.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-07 05:57:55.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-07 05:57:55.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-07 05:57:55.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-07 05:57:55.370 [2014-12-06 17:56:59.999998] continuity found: 21138729  
 471203820.000000 Q=100  
 2014-12-07 05:57:55.370 [2014-12-06 17:56:59.999998] restoring continuity  
 2014-12-07 05:57:55.370 Sending DT\_OPEN  
 2014-12-07 05:57:55.370 Station: XX-2017  
 2014-12-07 05:57:55.370 Q330 Serial Number: 0100000DB18FC351  
 2014-12-07 05:57:55.370 AMB Serial Number: 0100000B6909DD82  
 2014-12-07 05:57:55.370 Seismo 1 Serial Number: 0000000000000000  
 2014-12-07 05:57:55.370 Seismo 2 Serial Number: 0000000000000000  
 2014-12-07 05:57:55.370 QAPCHP 1 Serial Number: 4643206  
 2014-12-07 05:57:55.370 QAPCHP 2 Serial Number: 3743050  
 2014-12-07 05:57:55.370 KMI Property Tag Number: 2017  
 2014-12-07 05:57:55.370 System Software Version: 1.146  
 2014-12-07 05:57:55.370 Slave Processor Version: 1.11  
 2014-12-07 05:57:55.370 Calibrator Type: QCAL330  
 2014-12-07 05:57:55.370 Calibrator Version: 1.8  
 2014-12-07 05:57:55.370 Auxiliary Board Type: None  
 2014-12-07 05:57:55.370 Clock Type: Motorola M12  
 2014-12-07 05:57:55.370 PLD Version: 7.9  
 2014-12-07 05:57:55.370 Total Hours: 71026.52  
 2014-12-07 05:57:55.370 Power On Hours: 35656.90  
 2014-12-07 05:57:55.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-07 05:57:55.370 Total Number of Boots: 120  
 2014-12-07 05:57:55.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-07 05:57:55.370 Total Number of Re-Syncs: 213  
 2014-12-07 05:57:55.370 Status Inputs: 00000000  
 2014-12-07 05:57:55.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-07 05:57:55.370 Clock Quality: 100%  
 2014-12-07 05:57:55.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-07 05:57:55.370 Clock Phase: 0 usec. max allowed=50000  
 2014-12-07 05:57:55.370 Boom positions:  
 2014-12-07 05:57:55.370 Ch1: -2 Ch2: -4 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-07 05:57:55.370 Analog Status  
 2014-12-07 05:57:55.370 Analog Positive Supply: 5.46V

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2014-12-07 05:57:55.370 Input Voltage: 13.05V  
 2014-12-07 05:57:55.370 System Temperature: 5C  
 2014-12-07 05:57:55.370 Main Current: 63ma  
 2014-12-07 05:57:55.370 Antenna Current: 0ma  
 2014-12-07 05:57:55.370 GPS Status  
 2014-12-07 05:57:55.370 Time: 05:57:53  
 2014-12-07 05:57:55.370 Date:  
 2014-12-07 05:57:55.370 Fix Type: 1-D  
 2014-12-07 05:57:55.370 Height:  
 2014-12-07 05:57:55.370 Latitude:  
 2014-12-07 05:57:55.370 Longitude:  
 2014-12-07 05:57:55.370 On Time: 0min  
 2014-12-07 05:57:55.370 Sat. Used: 0  
 2014-12-07 05:57:55.370 In View: 0  
 2014-12-07 05:57:55.370 Checksum Errors: 0  
 2014-12-07 05:57:55.370 Last GPS timemark: 2014-12-07 05:57:52  
 2014-12-07 05:57:55.370 PLL Status  
 2014-12-07 05:57:55.370 State: Lock  
 2014-12-07 05:57:55.370 Initial VCO: 2201.261719  
 2014-12-07 05:57:55.370 Time Error: 0.000000  
 2014-12-07 05:57:55.370 RMS VCO: 0.0000000  
 2014-12-07 05:57:55.370 Best VCO: 2201.22  
 2014-12-07 05:57:55.370 Seconds Since Track or Lock: 0.0  
 2014-12-07 05:57:55.370 Vco Control: 2201  
 2014-12-07 05:57:55.370 timing mode: external seascan  
 2014-12-07 05:57:55.370 tempco normal  
 2014-12-07 05:57:55.370 PLL update: 10s PLL lock criterion: 5us  
 2014-12-07 05:57:55.370 Pfrac: 150.00  
 2014-12-07 05:57:55.370 VCO slope: -0.0175000  
 2014-12-07 05:57:55.370 VCO intercept: 7.1100001  
 2014-12-07 05:57:55.370 Km delta: 600.0000000  
 2014-12-07 05:57:55.370 Logical Port 4 Status  
 2014-12-07 05:57:55.370 Data Packets Sent: 24373178  
 2014-12-07 05:57:55.370 Flood Packets Sent: 0  
 2014-12-07 05:57:55.370 Packets Re-Sent: 38846  
 2014-12-07 05:57:55.370 Sequence Errors: 0  
 2014-12-07 05:57:55.370 Packet Buffer Used: 22397000  
 2014-12-07 05:57:55.370 Physical Port: Ethernet  
 2014-12-07 05:57:55.370 Baler Model: 14 Software Version: 2.28  
 2014-12-07 05:57:55.370 MAC Address: 00:04:FB:00:02:EA  
 2014-12-07 05:57:55.370 Disk Size: 20000669696  
 2014-12-07 05:57:55.370 Percent of 1177 data files in use: 46.7  
 2014-12-07 05:57:55.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-07 05:57:55.370 Channel Sensitivities (uV per count):  
 2014-12-07 05:57:55.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-07 05:57:55.370 Digitizer Calibration Results:  
 2014-12-07 05:57:55.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-07 05:57:55.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-07 05:57:55.370 DMU1 Software Version=10  
 2014-12-07 05:57:55.370 Supply Voltage=12.5  
 2014-12-07 05:57:55.370 Supply Current=0.41  
 2014-12-07 05:57:55.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-07 05:57:55.370 WebLink Data Maps Restored  
 2014-12-07 05:57:55.370 [2014-12-06 17:56:59.999998] sequence resumes: 21138729 to 21138729  
 2014-12-07 05:57:55.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-07 05:57:54  
 2014-12-07 06:00:38.220 [2014-12-07 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-12-07 06:03:23.770 Reducing Status Polling Interval  
 2014-12-07 06:03:23.770 [2014-12-07 06:03:21.999998] total packets received: 46792  
 2014-12-07 06:03:23.770 [2014-12-07 06:03:21.999998] command timeouts: 6  
 2014-12-07 06:03:23.770 [2014-12-07 06:03:21.999998] out of window: 63

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2014-12-07 06:03:23.770 written: HHZ-1164 HH1-1395 HH2-1425 BDH-442 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-12-07 06:03:23.770 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25  
VMZ-2 VM1-2  
2014-12-07 06:03:23.770 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
2014-12-07 06:03:23.770 [2014-12-07 06:03:21.999998] Done: 4572 recs. seq end:  
21182311. run: 324 s  
2014-12-07 18:04:16.390  
2014-12-07 18:04:16.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-12-07 18:04:16.390 Control Port 2491 Opened  
2014-12-07 18:04:16.390 Baler ready on Ethernet  
2014-12-07 18:04:16.390 Power Cycled Baler Acknowledged  
2014-12-07 18:04:16.390 Commands Accepted by Q330  
2014-12-07 18:04:16.390 Access timeout: 300 sec  
2014-12-07 18:04:16.390 Control Port 4023 Opened  
2014-12-07 18:04:16.390 Data Port 4024 Opened  
2014-12-07 18:04:16.390 Registered with Q330  
2014-12-07 18:04:16.390 Combination Record Received  
2014-12-07 18:04:16.390 window=4 Min. Timeout=10 Max. Timeout=30  
2014-12-07 18:04:16.390 Link Reset, starting window sequence: 37961  
2014-12-07 18:04:16.390 GPS Receiver ID Received  
2014-12-07 18:04:16.390 Manufacturer's Data Received, Property Tag=2017  
2014-12-07 18:04:16.390 Digitizer Gain & Offsets Received  
2014-12-07 18:04:16.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4572 recs.  
seq end: 21182311  
2014-12-07 18:04:16.390 Baler clock set to 2014-12-07 18:04:15  
2014-12-07 18:04:16.390 Starting to Read DP Tokens  
2014-12-07 18:04:16.390 DP Tokens loaded, size=1474 bytes  
2014-12-07 18:04:16.390 webserver advertising 192.168.200.119:5380  
2014-12-07 18:04:16.390 filters & delay HHZ:1@100,Linear all=0.320000  
2014-12-07 18:04:16.390 filters & delay HH1:2@100,Linear all=0.320000  
2014-12-07 18:04:16.390 filters & delay HH2:3@100,Linear all=0.320000  
2014-12-07 18:04:16.390 filters & delay BDH:4@20,Linear all=1.650000  
2014-12-07 18:04:16.390 filters & delay LHZ:1@1,Linear all=15.000000  
2014-12-07 18:04:16.390 filters & delay LH1:2@1,Linear all=15.000000  
2014-12-07 18:04:16.390 filters & delay LH2:3@1,Linear all=15.000000  
2014-12-07 18:04:16.390 filters & delay LDH:4@1,Linear all=15.000000  
2014-12-07 18:04:16.390 [2014-12-07 06:03:21.999998] continuity found: 21182311  
471247402.000000 Q=100  
2014-12-07 18:04:16.390 [2014-12-07 06:03:21.999998] restoring continuity  
2014-12-07 18:04:16.390 Sending DT\_OPEN  
2014-12-07 18:04:16.390 Station: XX-2017  
2014-12-07 18:04:16.390 Q330 Serial Number: 0100000DB18FC351  
2014-12-07 18:04:16.390 AMB Serial Number: 0100000B6909DD82  
2014-12-07 18:04:16.390 Seismo 1 Serial Number: 0000000000000000  
2014-12-07 18:04:16.390 Seismo 2 Serial Number: 0000000000000000  
2014-12-07 18:04:16.390 QAPCHP 1 Serial Number: 4643206  
2014-12-07 18:04:16.390 QAPCHP 2 Serial Number: 3743050  
2014-12-07 18:04:16.390 KMI Property Tag Number: 2017  
2014-12-07 18:04:16.390 System Software Version: 1.146  
2014-12-07 18:04:16.390 Slave Processor Version: 1.11  
2014-12-07 18:04:16.390 Calibrator Type: QCAL330  
2014-12-07 18:04:16.390 Calibrator Version: 1.8  
2014-12-07 18:04:16.390 Auxiliary Board Type: None  
2014-12-07 18:04:16.390 Clock Type: Motorola M12  
2014-12-07 18:04:16.390 PLD Version: 7.9  
2014-12-07 18:04:16.390 Total Hours: 71038.63  
2014-12-07 18:04:16.390 Power On Hours: 35669.01  
2014-12-07 18:04:16.390 Time of Last Boot: 2014-04-06 02:03:58  
2014-12-07 18:04:16.390 Total Number of Boots: 120  
2014-12-07 18:04:16.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
2014-12-07 18:04:16.390 Total Number of Re-Syncs: 213  
2014-12-07 18:04:16.390 Status Inputs: 00000000

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2014-12-07 18:04:16.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-07 18:04:16.390 Clock Quality: 100%  
 2014-12-07 18:04:16.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-07 18:04:16.390 Clock Phase: 0 usec. max allowed=50000  
 2014-12-07 18:04:16.390 Boom positions:  
 2014-12-07 18:04:16.390 Ch1: -2 Ch2: -4 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-07 18:04:16.390 Analog Positive Supply: 5.46V  
 2014-12-07 18:04:16.390 Input Voltage: 13.20V  
 2014-12-07 18:04:16.390 System Temperature: 5C  
 2014-12-07 18:04:16.390 Main Current: 62ma  
 2014-12-07 18:04:16.390 Antenna Current: 0ma  
 2014-12-07 18:04:16.390 GPS Status  
 2014-12-07 18:04:16.390 Time: 18:04:15  
 2014-12-07 18:04:16.390 Date:  
 2014-12-07 18:04:16.390 Fix Type: 1-D  
 2014-12-07 18:04:16.390 Height:  
 2014-12-07 18:04:16.390 Latitude:  
 2014-12-07 18:04:16.390 Longitude:  
 2014-12-07 18:04:16.390 On Time: 0min  
 2014-12-07 18:04:16.390 Sat. Used: 0  
 2014-12-07 18:04:16.390 In View: 0  
 2014-12-07 18:04:16.390 Checksum Errors: 0  
 2014-12-07 18:04:16.390 Last GPS timemark: 2014-12-07 18:04:14  
 2014-12-07 18:04:16.390 PLL Status  
 2014-12-07 18:04:16.390 State: Lock  
 2014-12-07 18:04:16.390 Initial VCO: 2200.854980  
 2014-12-07 18:04:16.390 Time Error: 0.000000  
 2014-12-07 18:04:16.390 RMS VCO: 0.0000000  
 2014-12-07 18:04:16.390 Best VCO: 2200.68  
 2014-12-07 18:04:16.390 Seconds Since Track or Lock: 0.0  
 2014-12-07 18:04:16.390 Vco Control: 2201  
 2014-12-07 18:04:16.390 timing mode: external seascan  
 2014-12-07 18:04:16.390 tempco normal  
 2014-12-07 18:04:16.390 PLL update: 10s PLL lock criterion: 5us  
 2014-12-07 18:04:16.390 Pfrac: 150.00  
 2014-12-07 18:04:16.390 VCO slope: -0.0175000  
 2014-12-07 18:04:16.390 VCO intercept: 7.1100001  
 2014-12-07 18:04:16.390 Km delta: 600.0000000  
 2014-12-07 18:04:16.390 Logical Port 4 Status  
 2014-12-07 18:04:16.390 Data Packets Sent: 24419877  
 2014-12-07 18:04:16.390 Flood Packets Sent: 0  
 2014-12-07 18:04:16.390 Packets Re-Sent: 38922  
 2014-12-07 18:04:16.390 Sequence Errors: 0  
 2014-12-07 18:04:16.390 Packet Buffer Used: 22731764  
 2014-12-07 18:04:16.390 Physical Port: Ethernet  
 2014-12-07 18:04:16.390 Baler Model: 14 Software Version: 2.28  
 2014-12-07 18:04:16.390 MAC Address: 00:04:FB:00:02:EA  
 2014-12-07 18:04:16.390 Disk Size: 20000669696  
 2014-12-07 18:04:16.390 Percent of 1177 data files in use: 46.7  
 2014-12-07 18:04:16.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-07 18:04:16.390 Channel Sensitivities (uV per count):  
 2014-12-07 18:04:16.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-07 18:04:16.390 Digitizer Calibration Results:  
 2014-12-07 18:04:16.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-07 18:04:16.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-07 18:04:16.390 DMU1 Software Version=10  
 2014-12-07 18:04:16.390 Supply Voltage=12.7  
 2014-12-07 18:04:16.390 Supply Current=0.40  
 2014-12-07 18:04:16.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-07 18:04:16.390 webLink Data Maps Restored  
 2014-12-07 18:04:16.390 [2014-12-07 06:03:21.999998] sequence resumes: 21182311 to 21182311  
 2014-12-07 18:04:16.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg

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2014-12-07 18:04:15  
 2014-12-07 18:10:00.770 Reducing Status Polling Interval  
 2014-12-07 18:10:00.770 [2014-12-07 18:09:59.999998] total packets received: 50790  
 2014-12-07 18:10:00.770 [2014-12-07 18:09:59.999998] command timeouts: 6  
 2014-12-07 18:10:00.770 [2014-12-07 18:09:59.999998] out of window: 72  
 2014-12-07 18:10:00.770 written: HHZ-1206 HH1-1427 HH2-1417 BDH-452 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-07 18:10:00.770 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-26 LDH-32  
 VMZ-2 VM1-2  
 2014-12-07 18:10:00.770 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-07 18:10:00.770 [2014-12-07 18:09:59.999998] Done: 4653 recs. seq end:  
 21225909. run: 339 s  
 2014-12-08 06:10:54.380  
 2014-12-08 06:10:54.380 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-08 06:10:54.380 Control Port 2491 Opened  
 2014-12-08 06:10:54.380 Baler ready on Ethernet  
 2014-12-08 06:10:54.380 Power Cycled Baler Acknowledged  
 2014-12-08 06:10:54.380 Commands Accepted by Q330  
 2014-12-08 06:10:54.380 Access timeout: 300 sec  
 2014-12-08 06:10:54.380 Control Port 4023 Opened  
 2014-12-08 06:10:54.380 Data Port 4024 Opened  
 2014-12-08 06:10:54.380 Registered with Q330  
 2014-12-08 06:10:54.380 Combination Record Received  
 2014-12-08 06:10:54.380 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-08 06:10:54.380 Link Reset, starting window sequence: 23107  
 2014-12-08 06:10:54.380 GPS Receiver ID Received  
 2014-12-08 06:10:54.380 Manufacturer's Data Received, Property Tag=2017  
 2014-12-08 06:10:54.380 Digitizer Gain & Offsets Received  
 2014-12-08 06:10:54.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4653 recs.  
 seq end: 21225909  
 2014-12-08 06:10:54.380 Baler clock set to 2014-12-08 06:10:53  
 2014-12-08 06:10:54.380 Starting to Read DP Tokens  
 2014-12-08 06:10:54.380 DP Tokens loaded, size=1474 bytes  
 2014-12-08 06:10:54.380 webserver advertising 192.168.200.119:5380  
 2014-12-08 06:10:54.380 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-08 06:10:54.380 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-08 06:10:54.380 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-08 06:10:54.380 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-08 06:10:54.380 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-08 06:10:54.380 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-08 06:10:54.380 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-08 06:10:54.380 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-08 06:10:54.380 [2014-12-07 18:09:59.999998] continuity found: 21225909  
 471291000.000000 Q=100  
 2014-12-08 06:10:54.380 [2014-12-07 18:09:59.999998] restoring continuity  
 2014-12-08 06:10:54.380 Sending DT\_OPEN  
 2014-12-08 06:10:54.380 Station: XX-2017  
 2014-12-08 06:10:54.380 Q330 Serial Number: 0100000DB18FC351  
 2014-12-08 06:10:54.380 AMB Serial Number: 0100000B6909DD82  
 2014-12-08 06:10:54.380 Seismo 1 Serial Number: 0000000000000000  
 2014-12-08 06:10:54.380 Seismo 2 Serial Number: 0000000000000000  
 2014-12-08 06:10:54.380 QAPCHP 1 Serial Number: 4643206  
 2014-12-08 06:10:54.380 QAPCHP 2 Serial Number: 3743050  
 2014-12-08 06:10:54.380 KMI Property Tag Number: 2017  
 2014-12-08 06:10:54.380 System Software Version: 1.146  
 2014-12-08 06:10:54.380 Slave Processor Version: 1.11  
 2014-12-08 06:10:54.380 Calibrator Type: QCAL330  
 2014-12-08 06:10:54.380 Calibrator Version: 1.8  
 2014-12-08 06:10:54.380 Auxiliary Board Type: None  
 2014-12-08 06:10:54.380 Clock Type: Motorola M12  
 2014-12-08 06:10:54.380 PLD Version: 7.9  
 2014-12-08 06:10:54.380 Total Hours: 71050.74  
 2014-12-08 06:10:54.380 Power On Hours: 35681.12

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2014-12-08 06:10:54.380 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-08 06:10:54.380 Total Number of Boots: 120  
 2014-12-08 06:10:54.380 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-08 06:10:54.380 Total Number of Re-Syncs: 213  
 2014-12-08 06:10:54.380 Status Inputs: 00000000  
 2014-12-08 06:10:54.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-08 06:10:54.380 Clock Quality: 100%  
 2014-12-08 06:10:54.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-08 06:10:54.380 Clock Phase: 0 usec. max allowed=50000  
 2014-12-08 06:10:54.380 Boom positions:  
 2014-12-08 06:10:54.380 ch1: -2 ch2: -4 ch3: 1 ch4: 20 ch5: 20 ch6: 20  
 2014-12-08 06:10:54.380 Analog Status  
 2014-12-08 06:10:54.380 Analog Positive Supply: 5.44v  
 2014-12-08 06:10:54.380 Input Voltage: 13.35v  
 2014-12-08 06:10:54.380 System Temperature: 5C  
 2014-12-08 06:10:54.380 Main Current: 61ma  
 2014-12-08 06:10:54.380 Antenna Current: 0ma  
 2014-12-08 06:10:54.380 GPS Status  
 2014-12-08 06:10:54.380 Time: 06:10:53  
 2014-12-08 06:10:54.380 Date:  
 2014-12-08 06:10:54.380 Fix Type: 1-D  
 2014-12-08 06:10:54.380 Height:  
 2014-12-08 06:10:54.380 Latitude:  
 2014-12-08 06:10:54.380 Longitude:  
 2014-12-08 06:10:54.380 On Time: 0min  
 2014-12-08 06:10:54.380 Sat. Used: 0  
 2014-12-08 06:10:54.380 In View: 0  
 2014-12-08 06:10:54.380 Checksum Errors: 0  
 2014-12-08 06:10:54.380 Last GPS timemark: 2014-12-08 06:10:52  
 2014-12-08 06:10:54.380 PLL Status  
 2014-12-08 06:10:54.380 State: Lock  
 2014-12-08 06:10:54.380 Initial VCO: 2200.975586  
 2014-12-08 06:10:54.380 Time Error: 0.000000  
 2014-12-08 06:10:54.380 RMS VCO: 0.0000000  
 2014-12-08 06:10:54.380 Best VCO: 2201.00  
 2014-12-08 06:10:54.380 Seconds Since Track or Lock: 0.0  
 2014-12-08 06:10:54.380 Vco Control: 2201  
 2014-12-08 06:10:54.380 timing mode: external seascan  
 2014-12-08 06:10:54.380 tempco normal  
 2014-12-08 06:10:54.380 PLL update: 10s PLL lock criterion: 5us  
 2014-12-08 06:10:54.380 Pfrac: 150.00  
 2014-12-08 06:10:54.380 VCO slope: -0.0175000  
 2014-12-08 06:10:54.380 VCO intercept: 7.1100001  
 2014-12-08 06:10:54.380 Km delta: 600.000000  
 2014-12-08 06:10:54.380 Logical Port 4 Status  
 2014-12-08 06:10:54.380 Data Packets Sent: 24470564  
 2014-12-08 06:10:54.380 Flood Packets Sent: 0  
 2014-12-08 06:10:54.380 Packets Re-Sent: 39008  
 2014-12-08 06:10:54.380 Sequence Errors: 0  
 2014-12-08 06:10:54.380 Packet Buffer Used: 23410012  
 2014-12-08 06:10:54.380 Physical Port: Ethernet  
 2014-12-08 06:10:54.380 Baler Model: 14 Software Version: 2.28  
 2014-12-08 06:10:54.380 MAC Address: 00:04:FB:00:02:EA  
 2014-12-08 06:10:54.380 Disk Size: 20000669696  
 2014-12-08 06:10:54.380 Percent of 1177 data files in use: 46.9  
 2014-12-08 06:10:54.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-08 06:10:54.380 Channel Sensitivities (uV per count):  
 2014-12-08 06:10:54.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-08 06:10:54.380 Digitizer Calibration Results:  
 2014-12-08 06:10:54.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-08 06:10:54.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-08 06:10:54.380 DMU1 Software Version=10  
 2014-12-08 06:10:54.380 Supply Voltage=12.7



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2014-12-08 06:10:54.380 Supply Current=0.41  
 2014-12-08 06:10:54.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-08 06:10:54.380 WebLink Data Maps Restored  
 2014-12-08 06:10:54.380 [2014-12-07 18:09:59.999998] sequence resumes: 21225909 to 21225909  
 2014-12-08 06:10:54.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-08 06:10:53  
 2014-12-08 06:13:48.550 [2014-12-08 00:00:00.000000] Saving Configuration to Backup Memory  
 2014-12-08 06:16:43.760 [2014-12-08 06:11:31.000000] total packets received: 60221  
 2014-12-08 06:16:43.760 [2014-12-08 06:11:31.000000] command timeouts: 6  
 2014-12-08 06:16:43.760 [2014-12-08 06:11:31.000000] out of window: 70  
 2014-12-08 06:16:43.760 written: HHZ-1254 HH1-1462 HH2-1454 BDH-455 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-12-08 06:16:43.760 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-26 LDH-37  
 VMZ-1 VM1-1  
 2014-12-08 06:16:43.760 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-12-08 06:16:43.760 [2014-12-08 06:11:31.000000] Done: 4781 recs. seq end: 21269200. run: 345 s  
 2014-12-08 18:17:37.420  
 2014-12-08 18:17:37.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-08 18:17:37.420 Control Port 2491 Opened  
 2014-12-08 18:17:37.420 Baler ready on Ethernet  
 2014-12-08 18:17:37.420 Power Cycled Baler Acknowledged  
 2014-12-08 18:17:37.420 Commands Accepted by Q330  
 2014-12-08 18:17:37.420 Access timeout: 300 sec  
 2014-12-08 18:17:37.420 Control Port 4023 Opened  
 2014-12-08 18:17:37.420 Data Port 4024 Opened  
 2014-12-08 18:17:37.420 Registered with Q330  
 2014-12-08 18:17:37.420 Combination Record Received  
 2014-12-08 18:17:37.420 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-08 18:17:37.420 Link Reset, starting window sequence: 17686  
 2014-12-08 18:17:37.420 GPS Receiver ID Received  
 2014-12-08 18:17:37.420 Manufacturer's Data Received, Property Tag=2017  
 2014-12-08 18:17:37.420 Digitizer Gain & Offsets Received  
 2014-12-08 18:17:37.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4781 recs. seq end: 21269200  
 2014-12-08 18:17:37.420 Starting to Read DP Tokens  
 2014-12-08 18:17:37.420 DP Tokens loaded, size=1474 bytes  
 2014-12-08 18:17:37.420 Webserver advertising 192.168.200.119:5380  
 2014-12-08 18:17:37.420 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-08 18:17:37.420 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-08 18:17:37.420 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-08 18:17:37.420 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-08 18:17:37.420 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-08 18:17:37.420 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-08 18:17:37.420 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-08 18:17:37.420 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-08 18:17:37.420 [2014-12-08 06:11:31.000000] continuity found: 21269200  
 471334291.000000 q=100  
 2014-12-08 18:17:37.420 [2014-12-08 06:11:31.000000] restoring continuity  
 2014-12-08 18:17:37.420 Sending DT\_OPEN  
 2014-12-08 18:17:37.420 Station: XX-2017  
 2014-12-08 18:17:37.420 Q330 Serial Number: 0100000DB18FC351  
 2014-12-08 18:17:37.420 AMB Serial Number: 0100000B6909DD82  
 2014-12-08 18:17:37.420 Seismo 1 Serial Number: 0000000000000000  
 2014-12-08 18:17:37.420 Seismo 2 Serial Number: 0000000000000000  
 2014-12-08 18:17:37.420 QAPCHP 1 Serial Number: 4643206  
 2014-12-08 18:17:37.420 QAPCHP 2 Serial Number: 3743050  
 2014-12-08 18:17:37.420 KMI Property Tag Number: 2017  
 2014-12-08 18:17:37.420 System Software Version: 1.146  
 2014-12-08 18:17:37.420 Slave Processor Version: 1.11  
 2014-12-08 18:17:37.420 Calibrator Type: QCAL330

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2014-12-08 18:17:37.420 Calibrator Version: 1.8  
 2014-12-08 18:17:37.420 Auxiliary Board Type: None  
 2014-12-08 18:17:37.420 Clock Type: Motorola M12  
 2014-12-08 18:17:37.420 PLD Version: 7.9  
 2014-12-08 18:17:37.420 Total Hours: 71062.85  
 2014-12-08 18:17:37.420 Power On Hours: 35693.23  
 2014-12-08 18:17:37.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-08 18:17:37.420 Total Number of Boots: 120  
 2014-12-08 18:17:37.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-08 18:17:37.420 Total Number of Re-Syncs: 213  
 2014-12-08 18:17:37.420 Status Inputs: 00000000  
 2014-12-08 18:17:37.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-08 18:17:37.420 Clock Quality: 100%  
 2014-12-08 18:17:37.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-08 18:17:37.420 Clock Phase: 0 usec. max allowed=50000  
 2014-12-08 18:17:37.420 Boom positions:  
 2014-12-08 18:17:37.420 ch1: -2 ch2: -5 ch3: 2 ch4: 20 ch5: 20 ch6: 20  
 2014-12-08 18:17:37.420 Analog Status  
 2014-12-08 18:17:37.420 Analog Positive Supply: 5.46V  
 2014-12-08 18:17:37.420 Input Voltage: 13.20V  
 2014-12-08 18:17:37.420 System Temperature: 5C  
 2014-12-08 18:17:37.420 Main Current: 67ma  
 2014-12-08 18:17:37.420 Antenna Current: 0ma  
 2014-12-08 18:17:37.420 GPS Status  
 2014-12-08 18:17:37.420 Time: 18:17:36  
 2014-12-08 18:17:37.420 Date:  
 2014-12-08 18:17:37.420 Fix Type: 1-D  
 2014-12-08 18:17:37.420 Height:  
 2014-12-08 18:17:37.420 Latitude:  
 2014-12-08 18:17:37.420 Longitude:  
 2014-12-08 18:17:37.420 On Time: 0min  
 2014-12-08 18:17:37.420 Sat. Used: 0  
 2014-12-08 18:17:37.420 In View: 0  
 2014-12-08 18:17:37.420 Checksum Errors: 0  
 2014-12-08 18:17:37.420 Last GPS timemark: 2014-12-08 18:17:35  
 2014-12-08 18:17:37.420 PLL Status  
 2014-12-08 18:17:37.420 State: Lock  
 2014-12-08 18:17:37.420 Initial VCO: 2200.982666  
 2014-12-08 18:17:37.420 Time Error: 0.000000  
 2014-12-08 18:17:37.420 RMS VCO: 0.0000000  
 2014-12-08 18:17:37.420 Best VCO: 2200.99  
 2014-12-08 18:17:37.420 Seconds Since Track or Lock: 0.0  
 2014-12-08 18:17:37.420 vco Control: 2201  
 2014-12-08 18:17:37.420 timing mode: external seascan  
 2014-12-08 18:17:37.420 tempco normal  
 2014-12-08 18:17:37.420 PLL update: 10s PLL lock criterion: 5us  
 2014-12-08 18:17:37.420 Pfrac: 150.00  
 2014-12-08 18:17:37.420 VCO slope: -0.0175000  
 2014-12-08 18:17:37.420 VCO intercept: 7.1100001  
 2014-12-08 18:17:37.420 Km delta: 600.0000000  
 2014-12-08 18:17:37.420 Logical Port 4 Status  
 2014-12-08 18:17:37.420 Data Packets Sent: 24530684  
 2014-12-08 18:17:37.420 Flood Packets Sent: 0  
 2014-12-08 18:17:37.420 Packets Re-Sent: 39096  
 2014-12-08 18:17:37.420 Sequence Errors: 0  
 2014-12-08 18:17:37.420 Packet Buffer Used: 24017380  
 2014-12-08 18:17:37.420 Physical Port: Ethernet  
 2014-12-08 18:17:37.420 Baler Model: 14 Software Version: 2.28  
 2014-12-08 18:17:37.420 MAC Address: 00:04:FB:00:02:EA  
 2014-12-08 18:17:37.420 Disk Size: 20000669696  
 2014-12-08 18:17:37.420 Percent of 1177 data files in use: 47.1  
 2014-12-08 18:17:37.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-08 18:17:37.420 Channel sensitivities (uV per count):

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2014-12-08 18:17:37.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-08 18:17:37.420 Digitizer Calibration Results:
2014-12-08 18:17:37.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-08 18:17:37.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-08 18:17:37.420 DMU1 Software Version=10
2014-12-08 18:17:37.420 Supply Voltage=12.7
2014-12-08 18:17:37.420 Supply Current=0.41
2014-12-08 18:17:37.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-08 18:17:37.420 WebLink Data Maps Restored
2014-12-08 18:17:37.420 [2014-12-08 06:11:31.000000] sequence resumes: 21269200 to
21269200
2014-12-08 18:17:37.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-08 18:17:36
2014-12-08 18:23:40.370 Reducing Status Polling Interval
2014-12-08 18:23:40.370 [2014-12-08 18:23:38.999998] total packets received: 68610
2014-12-08 18:23:40.370 [2014-12-08 18:23:38.999998] command timeouts: 6
2014-12-08 18:23:40.370 [2014-12-08 18:23:38.999998] out of window: 65
2014-12-08 18:23:40.370 written: HHZ-1304 HH1-1514 HH2-1512 BDH-462 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-12-08 18:23:40.370 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-28 LH2-28 LDH-38
VMZ-2 VM1-2
2014-12-08 18:23:40.370 written: VM2-2 LOG-2 ACE-1 OCF-1
2014-12-08 18:23:40.370 [2014-12-08 18:23:38.999998] Done: 4954 recs. seq end:
21313128. run: 360 s
2014-12-09 06:24:35.400
2014-12-09 06:24:35.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-09 06:24:35.400 Control Port 2491 Opened
2014-12-09 06:24:35.400 Baler ready on Ethernet
2014-12-09 06:24:35.400 Power Cycled Baler Acknowledged
2014-12-09 06:24:35.400 Commands Accepted by Q330
2014-12-09 06:24:35.400 Access timeout: 300 sec
2014-12-09 06:24:35.400 Control Port 4023 Opened
2014-12-09 06:24:35.400 Data Port 4024 Opened
2014-12-09 06:24:35.400 Registered with Q330
2014-12-09 06:24:35.400 Combination Record Received
2014-12-09 06:24:35.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-09 06:24:35.400 Link Reset, starting window sequence: 20657
2014-12-09 06:24:35.400 GPS Receiver ID Received
2014-12-09 06:24:35.400 Manufacturer's Data Received, Property Tag=2017
2014-12-09 06:24:35.400 Digitizer Gain & Offsets Received
2014-12-09 06:24:35.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4954 recs.
seq end: 21313128
2014-12-09 06:24:35.400 Baler clock set to 2014-12-09 06:24:34
2014-12-09 06:24:35.400 Starting to Read DP Tokens
2014-12-09 06:24:35.400 DP Tokens loaded, size=1474 bytes
2014-12-09 06:24:35.400 webserver advertising 192.168.200.119:5380
2014-12-09 06:24:35.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-09 06:24:35.400 filters & delay HH1:2@100,Linear all=0.320000
2014-12-09 06:24:35.400 filters & delay HH2:3@100,Linear all=0.320000
2014-12-09 06:24:35.400 filters & delay BDH:4@20,Linear all=1.650000
2014-12-09 06:24:35.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-09 06:24:35.400 filters & delay LH1:2@1,Linear all=15.000000
2014-12-09 06:24:35.400 filters & delay LH2:3@1,Linear all=15.000000
2014-12-09 06:24:35.400 filters & delay LDH:4@1,Linear all=15.000000
2014-12-09 06:24:35.400 [2014-12-08 18:23:38.999998] continuity found: 21313128
471378219.000000 q=100
2014-12-09 06:24:35.400 [2014-12-08 18:23:38.999998] restoring continuity
2014-12-09 06:24:35.400 Sending DT_OPEN
2014-12-09 06:24:35.400 Station: XX-2017
2014-12-09 06:24:35.400 Q330 Serial Number: 0100000DB18FC351
2014-12-09 06:24:35.400 AMB Serial Number: 0100000B6909DD82
2014-12-09 06:24:35.400 Seismo 1 Serial Number: 0000000000000000
2014-12-09 06:24:35.400 Seismo 2 Serial Number: 0000000000000000

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2014-12-09 06:24:35.400 QAPCHP 1 Serial Number: 4643206  
 2014-12-09 06:24:35.400 QAPCHP 2 Serial Number: 3743050  
 2014-12-09 06:24:35.400 KMI Property Tag Number: 2017  
 2014-12-09 06:24:35.400 System Software Version: 1.146  
 2014-12-09 06:24:35.400 Slave Processor Version: 1.11  
 2014-12-09 06:24:35.400 Calibrator Type: QCAL330  
 2014-12-09 06:24:35.400 Calibrator Version: 1.8  
 2014-12-09 06:24:35.400 Auxiliary Board Type: None  
 2014-12-09 06:24:35.400 Clock Type: Motorola M12  
 2014-12-09 06:24:35.400 PLD Version: 7.9  
 2014-12-09 06:24:35.400 Total Hours: 71074.96  
 2014-12-09 06:24:35.400 Power On Hours: 35705.35  
 2014-12-09 06:24:35.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-09 06:24:35.400 Total Number of Boots: 120  
 2014-12-09 06:24:35.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-09 06:24:35.400 Total Number of Re-Syncs: 213  
 2014-12-09 06:24:35.400 Status Inputs: 00000000  
 2014-12-09 06:24:35.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-09 06:24:35.400 Clock Quality: 100%  
 2014-12-09 06:24:35.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-09 06:24:35.400 Clock Phase: 1 usec. max allowed=50000  
 2014-12-09 06:24:35.400 Boom positions:  
 2014-12-09 06:24:35.400 ch1: -2 ch2: -6 ch3: 2 ch4: 20 ch5: 20 ch6: 20  
 2014-12-09 06:24:35.400 Analog Status  
 2014-12-09 06:24:35.400 Analog Positive Supply: 5.46V  
 2014-12-09 06:24:35.400 Input Voltage: 13.20V  
 2014-12-09 06:24:35.400 System Temperature: 5C  
 2014-12-09 06:24:35.400 Main Current: 62ma  
 2014-12-09 06:24:35.400 Antenna Current: 0ma  
 2014-12-09 06:24:35.400 GPS Status  
 2014-12-09 06:24:35.400 Time: 06:24:34  
 2014-12-09 06:24:35.400 Date:  
 2014-12-09 06:24:35.400 Fix Type: 1-D  
 2014-12-09 06:24:35.400 Height:  
 2014-12-09 06:24:35.400 Latitude:  
 2014-12-09 06:24:35.400 Longitude:  
 2014-12-09 06:24:35.400 On Time: 0min  
 2014-12-09 06:24:35.400 Sat. Used: 0  
 2014-12-09 06:24:35.400 In View: 0  
 2014-12-09 06:24:35.400 Checksum Errors: 0  
 2014-12-09 06:24:35.400 Last GPS timemark: 2014-12-09 06:24:33  
 2014-12-09 06:24:35.400 PLL Status  
 2014-12-09 06:24:35.400 State: Lock  
 2014-12-09 06:24:35.400 Initial VCO: 2200.270996  
 2014-12-09 06:24:35.400 Time Error: -0.000001  
 2014-12-09 06:24:35.400 RMS VCO: 0.0000000  
 2014-12-09 06:24:35.400 Best VCO: 2200.30  
 2014-12-09 06:24:35.400 Seconds Since Track or Lock: 0.0  
 2014-12-09 06:24:35.400 Vco Control: 2201  
 2014-12-09 06:24:35.400 timing mode: external seascan  
 2014-12-09 06:24:35.400 tempco normal  
 2014-12-09 06:24:35.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-09 06:24:35.400 Pfrac: 150.00  
 2014-12-09 06:24:35.400 VCO slope: -0.0175000  
 2014-12-09 06:24:35.400 VCO intercept: 7.1100001  
 2014-12-09 06:24:35.400 Km delta: 600.0000000  
 2014-12-09 06:24:35.400 Logical Port 4 Status  
 2014-12-09 06:24:35.400 Data Packets Sent: 24599197  
 2014-12-09 06:24:35.400 Flood Packets Sent: 0  
 2014-12-09 06:24:35.400 Packets Re-Sent: 39179  
 2014-12-09 06:24:35.400 Sequence Errors: 0  
 2014-12-09 06:24:35.400 Packet Buffer Used: 23519856  
 2014-12-09 06:24:35.400 Physical Port: Ethernet

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2014-12-09 06:24:35.400 Baler Model: 14 Software Version: 2.28
2014-12-09 06:24:35.400 MAC Address: 00:04:FB:00:02:EA
2014-12-09 06:24:35.400 Disk Size: 20000669696
2014-12-09 06:24:35.400 Channels Enabled: 1234 Preamps ON channels:
2014-12-09 06:24:35.400 Channel Sensitivities (uV per count):
2014-12-09 06:24:35.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-09 06:24:35.400 Digitizer Calibration Results:
2014-12-09 06:24:35.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-09 06:24:35.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-09 06:24:35.400 DMU1 Software Version=10
2014-12-09 06:24:35.400 Supply Voltage=12.7
2014-12-09 06:24:35.400 Supply Current=0.41
2014-12-09 06:24:35.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-09 06:24:35.400 webLink Data Maps Restored
2014-12-09 06:24:35.400 [2014-12-08 18:23:38.999998] sequence resumes: 21313128 to
21313128
2014-12-09 06:24:35.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-09 06:24:34
2014-12-09 06:27:25.070 [2014-12-09 00:00:00.000000] saving Configuration to Backup
Memory
2014-12-09 06:30:36.590 Reducing Status Polling Interval
2014-12-09 06:30:36.590 [2014-12-09 06:30:34.999998] total packets received: 63492
2014-12-09 06:30:36.590 [2014-12-09 06:30:34.999998] command timeouts: 6
2014-12-09 06:30:36.590 [2014-12-09 06:30:34.999998] out of window: 78
2014-12-09 06:30:36.590 written: HHZ-1256 HH1-1480 HH2-1491 BDH-458 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-12-09 06:30:36.590 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-27 LH2-27 LDH-38
VMZ-2 VM1-2
2014-12-09 06:30:36.590 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-12-09 06:30:36.590 [2014-12-09 06:30:34.999998] Done: 4848 recs. seq end:
21356744. run: 357 s
2014-12-09 18:31:30.420
2014-12-09 18:31:30.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-09 18:31:30.420 Control Port 2491 Opened
2014-12-09 18:31:30.420 Baler ready on Ethernet
2014-12-09 18:31:30.420 Power Cycled Baler Acknowledged
2014-12-09 18:31:30.420 Commands Accepted by Q330
2014-12-09 18:31:30.420 Access timeout: 300 sec
2014-12-09 18:31:30.420 Control Port 4023 Opened
2014-12-09 18:31:30.420 Data Port 4024 Opened
2014-12-09 18:31:30.420 Registered with Q330
2014-12-09 18:31:30.420 Combination Record Received
2014-12-09 18:31:30.420 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-09 18:31:30.420 Link Reset, starting window sequence: 18498
2014-12-09 18:31:30.420 GPS Receiver ID Received
2014-12-09 18:31:30.420 Manufacturer's Data Received, Property Tag=2017
2014-12-09 18:31:30.420 Digitizer Gain & Offsets Received
2014-12-09 18:31:30.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4848 recs.
seq end: 21356744
2014-12-09 18:31:30.420 Baler clock set to 2014-12-09 18:31:29
2014-12-09 18:31:30.420 Starting to Read DP Tokens
2014-12-09 18:31:30.420 DP Tokens loaded, size=1474 bytes
2014-12-09 18:31:30.420 webserver advertising 192.168.200.119:5380
2014-12-09 18:31:30.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-09 18:31:30.420 filters & delay HH1:2@100,Linear all=0.320000
2014-12-09 18:31:30.420 filters & delay HH2:3@100,Linear all=0.320000
2014-12-09 18:31:30.420 filters & delay BDH:4@20,Linear all=1.650000
2014-12-09 18:31:30.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-09 18:31:30.420 filters & delay LH1:2@1,Linear all=15.000000
2014-12-09 18:31:30.420 filters & delay LH2:3@1,Linear all=15.000000
2014-12-09 18:31:30.420 filters & delay LDH:4@1,Linear all=15.000000
2014-12-09 18:31:30.420 [2014-12-09 06:30:34.999998] continuity found: 21356744
471421835.000000 Q=100

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2014-12-09 18:31:30.420 [2014-12-09 06:30:34.999998] restoring continuity  
 2014-12-09 18:31:30.420 Sending DT\_OPEN  
 2014-12-09 18:31:30.420 Station: XX-2017  
 2014-12-09 18:31:30.420 Q330 Serial Number: 0100000DB18FC351  
 2014-12-09 18:31:30.420 AMB Serial Number: 0100000B6909DD82  
 2014-12-09 18:31:30.420 Seismo 1 Serial Number: 0000000000000000  
 2014-12-09 18:31:30.420 Seismo 2 Serial Number: 0000000000000000  
 2014-12-09 18:31:30.420 QAPCHP 1 Serial Number: 4643206  
 2014-12-09 18:31:30.420 QAPCHP 2 Serial Number: 3743050  
 2014-12-09 18:31:30.420 KMI Property Tag Number: 2017  
 2014-12-09 18:31:30.420 System Software Version: 1.146  
 2014-12-09 18:31:30.420 Slave Processor Version: 1.11  
 2014-12-09 18:31:30.420 Calibrator Type: QCAL330  
 2014-12-09 18:31:30.420 Calibrator Version: 1.8  
 2014-12-09 18:31:30.420 Auxiliary Board Type: None  
 2014-12-09 18:31:30.420 Clock Type: Motorola M12  
 2014-12-09 18:31:30.420 PLD Version: 7.9  
 2014-12-09 18:31:30.420 Total Hours: 71087.08  
 2014-12-09 18:31:30.420 Power On Hours: 35717.47  
 2014-12-09 18:31:30.420 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-09 18:31:30.420 Total Number of Boots: 120  
 2014-12-09 18:31:30.420 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-09 18:31:30.420 Total Number of Re-Syncs: 213  
 2014-12-09 18:31:30.420 Status Inputs: 00000000  
 2014-12-09 18:31:30.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-12-09 18:31:30.420 Clock Quality: 100%  
 2014-12-09 18:31:30.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-09 18:31:30.420 Clock Phase: 0 usec. max allowed=50000  
 2014-12-09 18:31:30.420 Boom positions:  
 2014-12-09 18:31:30.420 Ch1: -2 Ch2: -6 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-09 18:31:30.420 Analog Status  
 2014-12-09 18:31:30.420 Analog Positive Supply: 5.44v  
 2014-12-09 18:31:30.420 Input Voltage: 13.20V  
 2014-12-09 18:31:30.420 System Temperature: 5C  
 2014-12-09 18:31:30.420 Main Current: 62ma  
 2014-12-09 18:31:30.420 Antenna Current: 0ma  
 2014-12-09 18:31:30.420 GPS Status  
 2014-12-09 18:31:30.420 Time: 18:31:28  
 2014-12-09 18:31:30.420 Date:  
 2014-12-09 18:31:30.420 Fix Type: 1-D  
 2014-12-09 18:31:30.420 Height:  
 2014-12-09 18:31:30.420 Latitude:  
 2014-12-09 18:31:30.420 Longitude:  
 2014-12-09 18:31:30.420 On Time: 0min  
 2014-12-09 18:31:30.420 Sat. Used: 0  
 2014-12-09 18:31:30.420 In View: 0  
 2014-12-09 18:31:30.420 Checksum Errors: 0  
 2014-12-09 18:31:30.420 Last GPS timemark: 2014-12-09 18:31:27  
 2014-12-09 18:31:30.420 PLL Status  
 2014-12-09 18:31:30.420 State: Lock  
 2014-12-09 18:31:30.420 Initial VCO: 2199.691650  
 2014-12-09 18:31:30.420 Time Error: 0.000000  
 2014-12-09 18:31:30.420 RMS VCO: 0.000000  
 2014-12-09 18:31:30.420 Best VCO: 2199.63  
 2014-12-09 18:31:30.420 Seconds Since Track or Lock: 0.0  
 2014-12-09 18:31:30.420 Vco Control: 2200  
 2014-12-09 18:31:30.420 timing mode: external seascan  
 2014-12-09 18:31:30.420 tempco normal  
 2014-12-09 18:31:30.420 PLL update: 10s PLL lock criterion: 5us  
 2014-12-09 18:31:30.420 Pfrac: 150.00  
 2014-12-09 18:31:30.420 VCO slope: -0.0175000  
 2014-12-09 18:31:30.420 VCO intercept: 7.1100001  
 2014-12-09 18:31:30.420 km delta: 600.0000000

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2014-12-09 18:31:30.420 Logical Port 4 Status  
 2014-12-09 18:31:30.420 Data Packets Sent: 24662579  
 2014-12-09 18:31:30.420 Flood Packets Sent: 0  
 2014-12-09 18:31:30.420 Packets Re-Sent: 39272  
 2014-12-09 18:31:30.420 Sequence Errors: 0  
 2014-12-09 18:31:30.420 Packet Buffer Used: 23625384  
 2014-12-09 18:31:30.420 Physical Port: Ethernet  
 2014-12-09 18:31:30.420 Baler Model: 14 Software Version: 2.28  
 2014-12-09 18:31:30.420 MAC Address: 00:04:FB:00:02:EA  
 2014-12-09 18:31:30.420 Disk Size: 20000669696  
 2014-12-09 18:31:30.420 Percent of 1177 data files in use: 47.2  
 2014-12-09 18:31:30.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-09 18:31:30.420 Channel Sensitivities (uV per count):  
 2014-12-09 18:31:30.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-09 18:31:30.420 Digitizer Calibration Results:  
 2014-12-09 18:31:30.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-09 18:31:30.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-09 18:31:30.420 DMU1 Software Version=10  
 2014-12-09 18:31:30.420 Supply Voltage=12.6  
 2014-12-09 18:31:30.420 Supply Current=0.41  
 2014-12-09 18:31:30.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-09 18:31:30.420 WebLink Data Maps Restored  
 2014-12-09 18:31:30.420 [2014-12-09 06:30:34.999998] sequence resumes: 21356744 to  
 21356744  
 2014-12-09 18:31:30.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-12-09 18:31:29  
 2014-12-09 18:37:27.930 Reducing Status Polling Interval  
 2014-12-09 18:37:27.930 [2014-12-09 18:37:26.999998] total packets received: 64274  
 2014-12-09 18:37:27.930 [2014-12-09 18:37:26.999998] command timeouts: 6  
 2014-12-09 18:37:27.930 [2014-12-09 18:37:26.999998] out of window: 69  
 2014-12-09 18:37:27.930 written: HHZ-1257 HH1-1496 HH2-1499 BDH-457 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-12-09 18:37:27.930 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-27 LH2-28 LDH-37  
 VMZ-1 VM1-1  
 2014-12-09 18:37:27.930 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-09 18:37:27.930 [2014-12-09 18:37:26.999998] Done: 4865 recs. seq end:  
 21400356. run: 354 s  
 2014-12-10 06:38:21.370  
 2014-12-10 06:38:21.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-10 06:38:21.370 Control Port 2491 Opened  
 2014-12-10 06:38:21.370 Baler ready on Ethernet  
 2014-12-10 06:38:21.370 Power Cycled Baler Acknowledged  
 2014-12-10 06:38:21.370 Commands Accepted by Q330  
 2014-12-10 06:38:21.370 Access timeout: 300 sec  
 2014-12-10 06:38:21.370 Control Port 4023 Opened  
 2014-12-10 06:38:21.370 Data Port 4024 Opened  
 2014-12-10 06:38:21.370 Registered with Q330  
 2014-12-10 06:38:21.370 Combination Record Received  
 2014-12-10 06:38:21.370 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-10 06:38:21.370 Link Reset, starting window sequence: 17130  
 2014-12-10 06:38:21.370 GPS Receiver ID Received  
 2014-12-10 06:38:21.370 Manufacturer's Data Received, Property Tag=2017  
 2014-12-10 06:38:21.370 Digitizer Gain & Offsets Received  
 2014-12-10 06:38:21.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4865 recs.  
 seq end: 21400356  
 2014-12-10 06:38:21.370 Baler clock set to 2014-12-10 06:38:20  
 2014-12-10 06:38:21.370 Starting to Read DP Tokens  
 2014-12-10 06:38:21.370 DP Tokens loaded, size=1474 bytes  
 2014-12-10 06:38:21.370 webserver advertising 192.168.200.119:5380  
 2014-12-10 06:38:21.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-10 06:38:21.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-10 06:38:21.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-10 06:38:21.370 filters & delay BDH:4@20,Linear all=1.650000

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2014-12-10 06:38:21.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-10 06:38:21.370 filters & delay LH1:2@1,Linear all=15.000000
2014-12-10 06:38:21.370 filters & delay LH2:3@1,Linear all=15.000000
2014-12-10 06:38:21.370 filters & delay LDH:4@1,Linear all=15.000000
2014-12-10 06:38:21.370 [2014-12-09 18:37:26.999998] continuity found: 21400356
471465447.000000 Q=100
2014-12-10 06:38:21.370 [2014-12-09 18:37:26.999998] restoring continuity
2014-12-10 06:38:21.370 Sending DT_OPEN
2014-12-10 06:38:21.370 Station: XX-2017
2014-12-10 06:38:21.370 Q330 Serial Number: 0100000DB18FC351
2014-12-10 06:38:21.370 AMB Serial Number: 0100000B6909DD82
2014-12-10 06:38:21.370 Seismo 1 Serial Number: 0000000000000000
2014-12-10 06:38:21.370 Seismo 2 Serial Number: 0000000000000000
2014-12-10 06:38:21.370 QAPCHP 1 Serial Number: 4643206
2014-12-10 06:38:21.370 QAPCHP 2 Serial Number: 3743050
2014-12-10 06:38:21.370 KMI Property Tag Number: 2017
2014-12-10 06:38:21.370 System Software Version: 1.146
2014-12-10 06:38:21.370 Slave Processor Version: 1.11
2014-12-10 06:38:21.370 Calibrator Type: QCAL330
2014-12-10 06:38:21.370 Calibrator Version: 1.8
2014-12-10 06:38:21.370 Auxiliary Board Type: None
2014-12-10 06:38:21.370 Clock Type: Motorola M12
2014-12-10 06:38:21.370 PLD Version: 7.9
2014-12-10 06:38:21.370 Total Hours: 71099.19
2014-12-10 06:38:21.370 Power On Hours: 35729.58
2014-12-10 06:38:21.370 Total Number of Boots: 120
2014-12-10 06:38:21.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-10 06:38:21.370 Total Number of Re-Syncs: 213
2014-12-10 06:38:21.370 Status Inputs: 00000000
2014-12-10 06:38:21.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-10 06:38:21.370 Clock Quality: 100%
2014-12-10 06:38:21.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-10 06:38:21.370 Clock Phase: 0 usec. max allowed=50000
2014-12-10 06:38:21.370 Boom positions:
2014-12-10 06:38:21.370 Ch1: -2 Ch2: -6 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-10 06:38:21.370 Analog Status
2014-12-10 06:38:21.370 Analog Positive Supply: 5.46V
2014-12-10 06:38:21.370 Input Voltage: 13.35V
2014-12-10 06:38:21.370 System Temperature: 5C
2014-12-10 06:38:21.370 Main Current: 62ma
2014-12-10 06:38:21.370 Antenna Current: 0ma
2014-12-10 06:38:21.370 GPS Status
2014-12-10 06:38:21.370 Time: 06:38:20
2014-12-10 06:38:21.370 Date:
2014-12-10 06:38:21.370 Fix Type: 1-D
2014-12-10 06:38:21.370 Height:
2014-12-10 06:38:21.370 Latitude:
2014-12-10 06:38:21.370 Longitude:
2014-12-10 06:38:21.370 On Time: 0min
2014-12-10 06:38:21.370 Sat. Used: 0
2014-12-10 06:38:21.370 In View: 0
2014-12-10 06:38:21.370 Checksum Errors: 0
2014-12-10 06:38:21.370 Last GPS timemark: 2014-12-10 06:38:19
2014-12-10 06:38:21.370 PLL Status
2014-12-10 06:38:21.370 State: Lock
2014-12-10 06:38:21.370 Initial VCO: 2199.770752
2014-12-10 06:38:21.370 Time Error: 0.000000
2014-12-10 06:38:21.370 RMS VCO: 0.0000000
2014-12-10 06:38:21.370 Best VCO: 2199.82
2014-12-10 06:38:21.370 Seconds Since Track or Lock: 0.0
2014-12-10 06:38:21.370 Vco Control: 2200
2014-12-10 06:38:21.370 timing mode: external seascan
2014-12-10 06:38:21.370 tempco normal

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2014-12-10 06:38:21.370 PLL update: 10s PLL lock criterion: 5us  
2014-12-10 06:38:21.370 Pfrac: 150.00  
2014-12-10 06:38:21.370 VCO slope: -0.0175000  
2014-12-10 06:38:21.370 VCO intercept: 7.1100001  
2014-12-10 06:38:21.370 km delta: 600.0000000  
2014-12-10 06:38:21.370 Logical Port 4 Status  
2014-12-10 06:38:21.370 Data Packets Sent: 24726752  
2014-12-10 06:38:21.370 Flood Packets Sent: 0  
2014-12-10 06:38:21.370 Packets Re-Sent: 39358  
2014-12-10 06:38:21.370 Sequence Errors: 0  
2014-12-10 06:38:21.370 Packet Buffer Used: 23139880  
2014-12-10 06:38:21.370 Physical Port: Ethernet  
2014-12-10 06:38:21.370 Baler Model: 14 Software Version: 2.28  
2014-12-10 06:38:21.370 MAC Address: 00:04:FB:00:02:EA  
2014-12-10 06:38:21.370 Disk Size: 20000669696  
2014-12-10 06:38:21.370 Percent of 1177 data files in use: 47.3  
2014-12-10 06:38:21.370 Channels Enabled: 1234 Preamps ON channels:  
2014-12-10 06:38:21.370 Channel sensitivities (uV per count):  
2014-12-10 06:38:21.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
2014-12-10 06:38:21.370 Digitizer Calibration Results:  
2014-12-10 06:38:21.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
2014-12-10 06:38:21.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
2014-12-10 06:38:21.370 DMU1 Software Version=10  
2014-12-10 06:38:21.370 Supply Voltage=12.7  
2014-12-10 06:38:21.370 Supply Current=0.40  
2014-12-10 06:38:21.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
2014-12-10 06:38:21.370 WebLink Data Maps Restored  
2014-12-10 06:38:21.370 [2014-12-09 18:37:26.999998] sequence resumes: 21400356 to 21400356  
2014-12-10 06:38:21.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-12-10 06:38:20  
2014-12-10 06:40:56.100 [2014-12-10 00:00:00.000000] Saving Configuration to Backup Memory  
2014-12-10 06:44:07.180 Reducing Status Polling Interval  
2014-12-10 06:44:07.180 [2014-12-10 06:44:06.999998] total packets received: 56340  
2014-12-10 06:44:07.180 [2014-12-10 06:44:06.999998] command timeouts: 6  
2014-12-10 06:44:07.180 [2014-12-10 06:44:06.999998] out of window: 62  
2014-12-10 06:44:07.180 written: HHZ-1234 HH1-1458 HH2-1454 BDH-453 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-12-10 06:44:07.180 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-26 LH2-26 LDH-36  
VMZ-2 VM1-2  
2014-12-10 06:44:07.180 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
2014-12-10 06:44:07.180 [2014-12-10 06:44:06.999998] Done: 4757 recs. seq end: 21443956. run: 342 s  
2014-12-10 18:45:01.390  
2014-12-10 18:45:01.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-12-10 18:45:01.390 Control Port 2491 Opened  
2014-12-10 18:45:01.390 Baler ready on Ethernet  
2014-12-10 18:45:01.390 Power Cycled Baler Acknowledged  
2014-12-10 18:45:01.390 Commands Accepted by Q330  
2014-12-10 18:45:01.390 Access timeout: 300 sec  
2014-12-10 18:45:01.390 Control Port 4023 Opened  
2014-12-10 18:45:01.390 Data Port 4024 Opened  
2014-12-10 18:45:01.390 Registered with Q330  
2014-12-10 18:45:01.390 Combination Record Received  
2014-12-10 18:45:01.390 window=4 Min. Timeout=10 Max. Timeout=30  
2014-12-10 18:45:01.390 Link Reset, starting window sequence: 7836  
2014-12-10 18:45:01.390 GPS Receiver ID Received  
2014-12-10 18:45:01.390 Manufacturer's Data Received, Property Tag=2017  
2014-12-10 18:45:01.390 Digitizer Gain & Offsets Received  
2014-12-10 18:45:01.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4757 recs. seq end: 21443956  
2014-12-10 18:45:01.390 Baler clock set to 2014-12-10 18:45:00

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2014-12-10 18:45:01.390 Starting to Read DP Tokens
2014-12-10 18:45:01.390 DP Tokens loaded, size=1474 bytes
2014-12-10 18:45:01.390 Webserver advertising 192.168.200.119:5380
2014-12-10 18:45:01.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-10 18:45:01.390 filters & delay HH1:2@100,Linear all=0.320000
2014-12-10 18:45:01.390 filters & delay HH2:3@100,Linear all=0.320000
2014-12-10 18:45:01.390 filters & delay BDH:4@20,Linear all=1.650000
2014-12-10 18:45:01.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-10 18:45:01.390 filters & delay LH1:2@1,Linear all=15.000000
2014-12-10 18:45:01.390 filters & delay LH2:3@1,Linear all=15.000000
2014-12-10 18:45:01.390 filters & delay LDH:4@1,Linear all=15.000000
2014-12-10 18:45:01.390 [2014-12-10 06:44:06.999998] continuity found: 21443956
471509047.000000 Q=100
2014-12-10 18:45:01.390 [2014-12-10 06:44:06.999998] restoring continuity
2014-12-10 18:45:01.390 Sending DT_OPEN
2014-12-10 18:45:01.390 Station: XX-2017
2014-12-10 18:45:01.390 Q330 Serial Number: 0100000DB18FC351
2014-12-10 18:45:01.390 AMB Serial Number: 0100000B6909DD82
2014-12-10 18:45:01.390 Seismo 1 Serial Number: 0000000000000000
2014-12-10 18:45:01.390 Seismo 2 Serial Number: 0000000000000000
2014-12-10 18:45:01.390 QAPCHP 1 Serial Number: 4643206
2014-12-10 18:45:01.390 QAPCHP 2 Serial Number: 3743050
2014-12-10 18:45:01.390 KMI Property Tag Number: 2017
2014-12-10 18:45:01.390 System Software Version: 1.146
2014-12-10 18:45:01.390 Slave Processor Version: 1.11
2014-12-10 18:45:01.390 Calibrator Type: QCAL330
2014-12-10 18:45:01.390 Calibrator Version: 1.8
2014-12-10 18:45:01.390 Auxiliary Board Type: None
2014-12-10 18:45:01.390 Clock Type: Motorola M12
2014-12-10 18:45:01.390 PLD Version: 7.9
2014-12-10 18:45:01.390 Total Hours: 71111.31
2014-12-10 18:45:01.390 Power On Hours: 35741.69
2014-12-10 18:45:01.390 Time of Last Boot: 2014-04-06 02:03:58
2014-12-10 18:45:01.390 Total Number of Boots: 120
2014-12-10 18:45:01.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-10 18:45:01.390 Total Number of Re-Syncs: 213
2014-12-10 18:45:01.390 Status Inputs: 00000000
2014-12-10 18:45:01.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-10 18:45:01.390 Clock Quality: 100%
2014-12-10 18:45:01.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-10 18:45:01.390 Clock Phase: 0 usec. max allowed=50000
2014-12-10 18:45:01.390 Boom positions:
2014-12-10 18:45:01.390 ch1: -2 ch2: -6 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-12-10 18:45:01.390 Analog Status
2014-12-10 18:45:01.390 Analog Positive Supply: 5.46V
2014-12-10 18:45:01.390 Input Voltage: 13.35V
2014-12-10 18:45:01.390 System Temperature: 5C
2014-12-10 18:45:01.390 Main Current: 62ma
2014-12-10 18:45:01.390 Antenna Current: 0ma
2014-12-10 18:45:01.390 GPS Status
2014-12-10 18:45:01.390 Time: 18:45:00
2014-12-10 18:45:01.390 Date:
2014-12-10 18:45:01.390 Fix Type: 1-D
2014-12-10 18:45:01.390 Height:
2014-12-10 18:45:01.390 Latitude:
2014-12-10 18:45:01.390 Longitude:
2014-12-10 18:45:01.390 On Time: 0min
2014-12-10 18:45:01.390 Sat. Used: 0
2014-12-10 18:45:01.390 In View: 0
2014-12-10 18:45:01.390 Checksum Errors: 0
2014-12-10 18:45:01.390 Last GPS timemark: 2014-12-10 18:44:59
2014-12-10 18:45:01.390 PLL Status
2014-12-10 18:45:01.390 State: Lock

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2014-12-10 18:45:01.390 Initial VCO: 2199.869385
2014-12-10 18:45:01.390 Time Error: 0.000000
2014-12-10 18:45:01.390 RMS VCO: 0.000000
2014-12-10 18:45:01.390 Best VCO: 2199.80
2014-12-10 18:45:01.390 Seconds Since Track or Lock: 0.0
2014-12-10 18:45:01.390 Vco Control: 2200
2014-12-10 18:45:01.390 timing mode: external seascan
2014-12-10 18:45:01.390 tempco normal
2014-12-10 18:45:01.390 PLL update: 10s  PLL lock criterion: 5us
2014-12-10 18:45:01.390 Pfrac: 150.00
2014-12-10 18:45:01.390 VCO slope: -0.0175000
2014-12-10 18:45:01.390 VCO intercept: 7.1100001
2014-12-10 18:45:01.390 km delta: 600.0000000
2014-12-10 18:45:01.390 Logical Port 4 Status
2014-12-10 18:45:01.390 Data Packets Sent: 24782999
2014-12-10 18:45:01.390 Flood Packets Sent: 0
2014-12-10 18:45:01.390 Packets Re-Sent: 39436
2014-12-10 18:45:01.390 Sequence Errors: 0
2014-12-10 18:45:01.390 Packet Buffer Used: 23104284
2014-12-10 18:45:01.390 Physical Port: Ethernet
2014-12-10 18:45:01.390 Baler Model: 14  Software Version: 2.28
2014-12-10 18:45:01.390 MAC Address: 00:04:FB:00:02:EA
2014-12-10 18:45:01.390 Disk Size: 20000669696
2014-12-10 18:45:01.390 Percent of 1177 data files in use: 47.3
2014-12-10 18:45:01.390 Channels Enabled: 1234  Preamps ON channels:
2014-12-10 18:45:01.390 Channel Sensitivities (uV per count):
2014-12-10 18:45:01.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-10 18:45:01.390 Digitizer Calibration Results:
2014-12-10 18:45:01.390 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2014-12-10 18:45:01.390 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2014-12-10 18:45:01.390 DMU1 Software Version=10
2014-12-10 18:45:01.390 Supply Voltage=12.7
2014-12-10 18:45:01.390 Supply Current=0.41
2014-12-10 18:45:01.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-10 18:45:01.390 webLink Data Maps Restored
2014-12-10 18:45:01.390 [2014-12-10 06:44:06.999998] sequence resumes: 21443956 to
21443956
2014-12-10 18:45:01.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-10 18:45:00
2014-12-10 18:50:51.380 [2014-12-10 18:50:50.999998] total packets received: 55538
2014-12-10 18:50:51.380 [2014-12-10 18:50:50.999998] command timeouts: 6
2014-12-10 18:50:51.380 [2014-12-10 18:50:50.999998] out of window: 69
2014-12-10 18:50:51.380 written: HHZ-1237 HH1-1449 HH2-1451 BDH-453 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-12-10 18:50:51.380 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-26 LDH-35
VMZ-2 VM1-2
2014-12-10 18:50:51.380 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-10 18:50:51.380 [2014-12-10 18:50:50.999998] Done: 4747 recs. seq end:
21487560. run: 345 s
2014-12-11 06:51:45.370
2014-12-11 06:51:45.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-11 06:51:45.370 Control Port 2491 Opened
2014-12-11 06:51:45.370 Baler ready on Ethernet
2014-12-11 06:51:45.370 Power Cycled Baler Acknowledged
2014-12-11 06:51:45.370 Commands Accepted by Q330
2014-12-11 06:51:45.370 Control Port 4023 Opened
2014-12-11 06:51:45.370 Data Port 4024 Opened
2014-12-11 06:51:45.370 Registered with Q330
2014-12-11 06:51:45.370 Combination Record Received
2014-12-11 06:51:45.370 window=4  Min. Timeout=10  Max. Timeout=30
2014-12-11 06:51:45.370 Link Reset, starting window sequence: 63269
2014-12-11 06:51:45.370 GPS Receiver ID Received
2014-12-11 06:51:45.370 Manufacturer's Data Received, Property Tag=2017

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2014-12-11 06:51:45.370 Digitizer Gain & Offsets Received  
 2014-12-11 06:51:45.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4747 recs.  
 seq end: 21487560  
 2014-12-11 06:51:45.370 Baler clock set to 2014-12-11 06:51:44  
 2014-12-11 06:51:45.370 Starting to Read DP Tokens  
 2014-12-11 06:51:45.370 DP Tokens loaded, size=1474 bytes  
 2014-12-11 06:51:45.370 webserver advertising 192.168.200.119:5380  
 2014-12-11 06:51:45.370 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-11 06:51:45.370 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-11 06:51:45.370 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-11 06:51:45.370 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-11 06:51:45.370 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-11 06:51:45.370 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-11 06:51:45.370 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-11 06:51:45.370 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-11 06:51:45.370 [2014-12-10 18:50:50.999998] continuity found: 21487560  
 471552651.000000 Q=100  
 2014-12-11 06:51:45.370 [2014-12-10 18:50:50.999998] restoring continuity  
 2014-12-11 06:51:45.370 Sending DT\_OPEN  
 2014-12-11 06:51:45.370 Station: XX-2017  
 2014-12-11 06:51:45.370 Q330 Serial Number: 0100000DB18FC351  
 2014-12-11 06:51:45.370 AMB Serial Number: 0100000B6909DD82  
 2014-12-11 06:51:45.370 Seismo 1 Serial Number: 0000000000000000  
 2014-12-11 06:51:45.370 Seismo 2 Serial Number: 0000000000000000  
 2014-12-11 06:51:45.370 QAPCHP 1 Serial Number: 4643206  
 2014-12-11 06:51:45.370 QAPCHP 2 Serial Number: 3743050  
 2014-12-11 06:51:45.370 KMI Property Tag Number: 2017  
 2014-12-11 06:51:45.370 System Software Version: 1.146  
 2014-12-11 06:51:45.370 Slave Processor Version: 1.11  
 2014-12-11 06:51:45.370 Calibrator Type: QCAL330  
 2014-12-11 06:51:45.370 Calibrator Version: 1.8  
 2014-12-11 06:51:45.370 Auxiliary Board Type: None  
 2014-12-11 06:51:45.370 Clock Type: Motorola M12  
 2014-12-11 06:51:45.370 PLD Version: 7.9  
 2014-12-11 06:51:45.370 Total Hours: 71123.42  
 2014-12-11 06:51:45.370 Power On Hours: 35753.80  
 2014-12-11 06:51:45.370 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-11 06:51:45.370 Total Number of Boots: 120  
 2014-12-11 06:51:45.370 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-11 06:51:45.370 Total Number of Re-Syncs: 213  
 2014-12-11 06:51:45.370 Status Inputs: 00000000  
 2014-12-11 06:51:45.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-11 06:51:45.370 Clock Quality: 100%  
 2014-12-11 06:51:45.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-11 06:51:45.370 Clock Phase: 0 usec. max allowed=50000  
 2014-12-11 06:51:45.370 Boom positions:  
 2014-12-11 06:51:45.370 Ch1: -2 Ch2: -7 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-11 06:51:45.370 Analog Status  
 2014-12-11 06:51:45.370 Analog Positive Supply: 5.46v  
 2014-12-11 06:51:45.370 Input Voltage: 13.20v  
 2014-12-11 06:51:45.370 System Temperature: 5C  
 2014-12-11 06:51:45.370 Main Current: 62ma  
 2014-12-11 06:51:45.370 Antenna Current: 0ma  
 2014-12-11 06:51:45.370 GPS Status  
 2014-12-11 06:51:45.370 Time: 06:51:44  
 2014-12-11 06:51:45.370 Date:  
 2014-12-11 06:51:45.370 Fix Type: 1-D  
 2014-12-11 06:51:45.370 Height:  
 2014-12-11 06:51:45.370 Latitude:  
 2014-12-11 06:51:45.370 Longitude:  
 2014-12-11 06:51:45.370 On Time: 0min  
 2014-12-11 06:51:45.370 Sat. Used: 0  
 2014-12-11 06:51:45.370 In View: 0

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2014-12-11 06:51:45.370 Checksum Errors: 0  
 2014-12-11 06:51:45.370 Last GPS timemark: 2014-12-11 06:51:43  
 2014-12-11 06:51:45.370 PLL Status  
 2014-12-11 06:51:45.370 State: Lock  
 2014-12-11 06:51:45.370 Initial VCO: 2199.715088  
 2014-12-11 06:51:45.370 Time Error: 0.000000  
 2014-12-11 06:51:45.370 RMS VCO: 0.000000  
 2014-12-11 06:51:45.370 Best VCO: 2199.76  
 2014-12-11 06:51:45.370 Seconds Since Track or Lock: 0.0  
 2014-12-11 06:51:45.370 Vco Control: 2200  
 2014-12-11 06:51:45.370 timing mode: external seascan  
 2014-12-11 06:51:45.370 tempco normal  
 2014-12-11 06:51:45.370 PLL update: 10s PLL lock criterion: 5us  
 2014-12-11 06:51:45.370 Pfrac: 150.00  
 2014-12-11 06:51:45.370 VCO slope: -0.0175000  
 2014-12-11 06:51:45.370 VCO intercept: 7.1100001  
 2014-12-11 06:51:45.370 km delta: 600.000000  
 2014-12-11 06:51:45.370 Logical Port 4 Status  
 2014-12-11 06:51:45.370 Data Packets Sent: 24838437  
 2014-12-11 06:51:45.370 Flood Packets Sent: 0  
 2014-12-11 06:51:45.370 Packets Re-Sent: 39523  
 2014-12-11 06:51:45.370 Sequence Errors: 0  
 2014-12-11 06:51:45.370 Packet Buffer Used: 22731620  
 2014-12-11 06:51:45.370 Physical Port: Ethernet  
 2014-12-11 06:51:45.370 Baler Model: 14 Software Version: 2.28  
 2014-12-11 06:51:45.370 MAC Address: 00:04:FB:00:02:EA  
 2014-12-11 06:51:45.370 Disk Size: 20000669696  
 2014-12-11 06:51:45.370 Percent of 1177 data files in use: 47.6  
 2014-12-11 06:51:45.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-11 06:51:45.370 Channel Sensitivities (uV per count):  
 2014-12-11 06:51:45.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-11 06:51:45.370 Digitizer Calibration Results:  
 2014-12-11 06:51:45.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-11 06:51:45.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-11 06:51:45.370 DMU1 Software Version=10  
 2014-12-11 06:51:45.370 Supply Voltage=12.7  
 2014-12-11 06:51:45.370 Supply Current=0.41  
 2014-12-11 06:51:45.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-11 06:51:45.370 WebLink Data Maps Restored  
 2014-12-11 06:51:45.370 [2014-12-10 18:50:50.999998] sequence resumes: 21487560 to  
 21487560  
 2014-12-11 06:51:45.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-11 06:51:44  
 2014-12-11 06:54:02.080 [2014-12-11 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-12-11 06:57:22.780 Reducing Status Polling Interval  
 2014-12-11 06:57:22.780 [2014-12-11 06:57:21.999998] total packets received: 50649  
 2014-12-11 06:57:22.780 [2014-12-11 06:57:21.999998] command timeouts: 6  
 2014-12-11 06:57:22.780 [2014-12-11 06:57:21.999998] out of window: 61  
 2014-12-11 06:57:22.780 written: HHZ-1198 HH1-1410 HH2-1444 BDH-452 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-12-11 06:57:22.780 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-27 LDH-35  
 VMZ-1 VM1-1  
 2014-12-11 06:57:22.780 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-12-11 06:57:22.780 [2014-12-11 06:57:21.999998] Done: 4658 recs. seq end:  
 21531151. run: 333 s  
 2014-12-11 18:58:17.370  
 2014-12-11 18:58:17.370 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-11 18:58:17.370 Control Port 2491 Opened  
 2014-12-11 18:58:17.370 Baler ready on Ethernet  
 2014-12-11 18:58:17.370 Power Cycled Baler Acknowledged  
 2014-12-11 18:58:17.370 Commands Accepted by Q330  
 2014-12-11 18:58:17.370 Access timeout: 300 sec

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2014-12-11 18:58:17.370 Control Port 4023 Opened
2014-12-11 18:58:17.370 Data Port 4024 Opened
2014-12-11 18:58:17.370 Registered with Q330
2014-12-11 18:58:17.370 Combination Record Received
2014-12-11 18:58:17.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-11 18:58:17.370 Link Reset, starting window sequence: 48285
2014-12-11 18:58:17.370 GPS Receiver ID Received
2014-12-11 18:58:17.370 Manufacturer's Data Received, Property Tag=2017
2014-12-11 18:58:17.370 Digitizer Gain & Offsets Received
2014-12-11 18:58:17.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4658 recs.
seq end: 21531151
2014-12-11 18:58:17.370 Baler clock set to 2014-12-11 18:58:16
2014-12-11 18:58:17.370 Starting to Read DP Tokens
2014-12-11 18:58:17.370 DP Tokens loaded, size=1474 bytes
2014-12-11 18:58:17.370 Webserver advertising 192.168.200.119:5380
2014-12-11 18:58:17.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-11 18:58:17.370 filters & delay HH1:2@100,Linear all=0.320000
2014-12-11 18:58:17.370 filters & delay HH2:3@100,Linear all=0.320000
2014-12-11 18:58:17.370 filters & delay BDH:4@20,Linear all=1.650000
2014-12-11 18:58:17.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-11 18:58:17.370 filters & delay LH1:2@1,Linear all=15.000000
2014-12-11 18:58:17.370 filters & delay LH2:3@1,Linear all=15.000000
2014-12-11 18:58:17.370 filters & delay LDH:4@1,Linear all=15.000000
2014-12-11 18:58:17.370 [2014-12-11 06:57:21.999998] continuity found: 21531151
471596242.000000 Q=100
2014-12-11 18:58:17.370 [2014-12-11 06:57:21.999998] restoring continuity
2014-12-11 18:58:17.370 Sending DT_OPEN
2014-12-11 18:58:17.370 Station: XX-2017
2014-12-11 18:58:17.370 Q330 Serial Number: 0100000DB18FC351
2014-12-11 18:58:17.370 AMB Serial Number: 0100000B6909DD82
2014-12-11 18:58:17.370 Seismo 1 Serial Number: 0000000000000000
2014-12-11 18:58:17.370 Seismo 2 Serial Number: 0000000000000000
2014-12-11 18:58:17.370 QAPCHP 1 Serial Number: 4643206
2014-12-11 18:58:17.370 QAPCHP 2 Serial Number: 3743050
2014-12-11 18:58:17.370 KMI Property Tag Number: 2017
2014-12-11 18:58:17.370 System Software Version: 1.146
2014-12-11 18:58:17.370 Slave Processor Version: 1.11
2014-12-11 18:58:17.370 Calibrator Type: QCAL330
2014-12-11 18:58:17.370 Calibrator Version: 1.8
2014-12-11 18:58:17.370 Auxiliary Board Type: None
2014-12-11 18:58:17.370 Clock Type: Motorola M12
2014-12-11 18:58:17.370 PLD Version: 7.9
2014-12-11 18:58:17.370 Total Hours: 71135.53
2014-12-11 18:58:17.370 Power On Hours: 35765.91
2014-12-11 18:58:17.370 Time of Last Boot: 2014-04-06 02:03:58
2014-12-11 18:58:17.370 Total Number of Boots: 120
2014-12-11 18:58:17.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-11 18:58:17.370 Total Number of Re-Syncs: 213
2014-12-11 18:58:17.370 Status Inputs: 00000000
2014-12-11 18:58:17.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-11 18:58:17.370 Clock Quality: 100%
2014-12-11 18:58:17.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-11 18:58:17.370 Clock Phase: 0 usec. max allowed=50000
2014-12-11 18:58:17.370 Boom positions:
2014-12-11 18:58:17.370 Ch1: -2 Ch2: -6 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-11 18:58:17.370 Analog Status
2014-12-11 18:58:17.370 Analog Positive Supply: 5.44V
2014-12-11 18:58:17.370 Input Voltage: 13.20V
2014-12-11 18:58:17.370 System Temperature: 5C
2014-12-11 18:58:17.370 Main Current: 62ma
2014-12-11 18:58:17.370 Antenna Current: 0ma
2014-12-11 18:58:17.370 GPS Status
2014-12-11 18:58:17.370 Time: 18:58:16

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2014-12-11 18:58:17.370 Date:  
 2014-12-11 18:58:17.370 Fix Type: 1-D  
 2014-12-11 18:58:17.370 Height:  
 2014-12-11 18:58:17.370 Latitude:  
 2014-12-11 18:58:17.370 Longitude:  
 2014-12-11 18:58:17.370 On Time: 0min  
 2014-12-11 18:58:17.370 Sat. Used: 0  
 2014-12-11 18:58:17.370 In View: 0  
 2014-12-11 18:58:17.370 Checksum Errors: 0  
 2014-12-11 18:58:17.370 Last GPS timemark: 2014-12-11 18:58:15  
 2014-12-11 18:58:17.370 PLL Status  
 2014-12-11 18:58:17.370 State: Lock  
 2014-12-11 18:58:17.370 Initial VCO: 2199.528564  
 2014-12-11 18:58:17.370 Time Error: 0.000000  
 2014-12-11 18:58:17.370 RMS VCO: 0.0000000  
 2014-12-11 18:58:17.370 Best VCO: 2199.70  
 2014-12-11 18:58:17.370 Seconds Since Track or Lock: 0.0  
 2014-12-11 18:58:17.370 Vco Control: 2199  
 2014-12-11 18:58:17.370 timing mode: external seascan  
 2014-12-11 18:58:17.370 tempco normal  
 2014-12-11 18:58:17.370 PLL update: 10s PLL lock criterion: 5us  
 2014-12-11 18:58:17.370 VCO slope: -0.0175000  
 2014-12-11 18:58:17.370 VCO intercept: 7.1100001  
 2014-12-11 18:58:17.370 km delta: 600.0000000  
 2014-12-11 18:58:17.370 Logical Port 4 Status  
 2014-12-11 18:58:17.370 Data Packets Sent: 24888994  
 2014-12-11 18:58:17.370 Flood Packets Sent: 0  
 2014-12-11 18:58:17.370 Packets Re-Sent: 39600  
 2014-12-11 18:58:17.370 Sequence Errors: 0  
 2014-12-11 18:58:17.370 Packet Buffer Used: 22798368  
 2014-12-11 18:58:17.370 Physical Port: Ethernet  
 2014-12-11 18:58:17.370 Baler Model: 14 Software Version: 2.28  
 2014-12-11 18:58:17.370 MAC Address: 00:04:FB:00:02:EA  
 2014-12-11 18:58:17.370 Disk Size: 20000669696  
 2014-12-11 18:58:17.370 Percent of 1177 data files in use: 47.6  
 2014-12-11 18:58:17.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-11 18:58:17.370 Channel Sensitivities (uV per count):  
 2014-12-11 18:58:17.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-11 18:58:17.370 Digitizer Calibration Results:  
 2014-12-11 18:58:17.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-11 18:58:17.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-11 18:58:17.370 DMU1 Software Version=10  
 2014-12-11 18:58:17.370 Supply Voltage=12.7  
 2014-12-11 18:58:17.370 Supply Current=0.41  
 2014-12-11 18:58:17.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-11 18:58:17.370 WebLink Data Maps Restored  
 2014-12-11 18:58:17.370 [2014-12-11 06:57:21.999998] sequence resumes: 21531151 to  
 21531151  
 2014-12-11 18:58:17.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-11 18:58:16  
 2014-12-11 19:03:55.550 Reducing Status Polling Interval  
 2014-12-11 19:03:55.550 [2014-12-11 19:03:54.999998] total packets received: 52722  
 2014-12-11 19:03:55.550 [2014-12-11 19:03:54.999998] command timeouts: 6  
 2014-12-11 19:03:55.550 [2014-12-11 19:03:54.999998] out of window: 58  
 2014-12-11 19:03:55.550 written: HHZ-1201 HH1-1418 HH2-1450 BDH-452 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-11 19:03:55.550 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-27 LH2-28 LDH-36  
 VMZ-2 VM1-2  
 2014-12-11 19:03:55.550 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-11 19:03:55.550 [2014-12-11 19:03:54.999998] Done: 4679 recs. seq end:  
 21574744. run: 334 s  
 2014-12-12 07:04:50.420  
 2014-12-12 07:04:50.420 Quanterra Packet Baler Model 14 Restart. Version 2.28

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2014-12-12 07:04:50.420 Control Port 2491 Opened
2014-12-12 07:04:50.420 Baler ready on Ethernet
2014-12-12 07:04:50.420 Power Cycled Baler Acknowledged
2014-12-12 07:04:50.420 Commands Accepted by Q330
2014-12-12 07:04:50.420 Access timeout: 300 sec
2014-12-12 07:04:50.420 Control Port 4023 Opened
2014-12-12 07:04:50.420 Data Port 4024 Opened
2014-12-12 07:04:50.420 Registered with Q330
2014-12-12 07:04:50.420 Combination Record Received
2014-12-12 07:04:50.420 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-12 07:04:50.420 Link Reset, starting window sequence: 35376
2014-12-12 07:04:50.420 GPS Receiver ID Received
2014-12-12 07:04:50.420 Manufacturer's Data Received, Property Tag=2017
2014-12-12 07:04:50.420 Digitizer Gain & Offsets Received
2014-12-12 07:04:50.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4679 recs.
seq end: 21574744
2014-12-12 07:04:50.420 Baler clock set to 2014-12-12 07:04:49
2014-12-12 07:04:50.420 Starting to Read DP Tokens
2014-12-12 07:04:50.420 DP Tokens loaded, size=1474 bytes
2014-12-12 07:04:50.420 webserver advertising 192.168.200.119:5380
2014-12-12 07:04:50.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-12 07:04:50.420 filters & delay HH1:2@100,Linear all=0.320000
2014-12-12 07:04:50.420 filters & delay HH2:3@100,Linear all=0.320000
2014-12-12 07:04:50.420 filters & delay BDH:4@20,Linear all=1.650000
2014-12-12 07:04:50.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-12 07:04:50.420 filters & delay LH1:2@1,Linear all=15.000000
2014-12-12 07:04:50.420 filters & delay LH2:3@1,Linear all=15.000000
2014-12-12 07:04:50.420 filters & delay LDH:4@1,Linear all=15.000000
2014-12-12 07:04:50.420 [2014-12-11 19:03:54.999998] continuity found: 21574744
471639835.000000 Q=100
2014-12-12 07:04:50.420 [2014-12-11 19:03:54.999998] restoring continuity
2014-12-12 07:04:50.420 Sending DT_OPEN
2014-12-12 07:04:50.420 Station: XX-2017
2014-12-12 07:04:50.420 Q330 Serial Number: 0100000DB18FC351
2014-12-12 07:04:50.420 AMB Serial Number: 0100000B6909DD82
2014-12-12 07:04:50.420 Seismo 1 Serial Number: 0000000000000000
2014-12-12 07:04:50.420 Seismo 2 Serial Number: 0000000000000000
2014-12-12 07:04:50.420 QAPCHP 1 Serial Number: 4643206
2014-12-12 07:04:50.420 QAPCHP 2 Serial Number: 3743050
2014-12-12 07:04:50.420 KMI Property Tag Number: 2017
2014-12-12 07:04:50.420 System Software Version: 1.146
2014-12-12 07:04:50.420 Slave Processor Version: 1.11
2014-12-12 07:04:50.420 Calibrator Type: QCAL330
2014-12-12 07:04:50.420 Calibrator Version: 1.8
2014-12-12 07:04:50.420 Auxiliary Board Type: None
2014-12-12 07:04:50.420 Clock Type: Motorola M12
2014-12-12 07:04:50.420 PLD Version: 7.9
2014-12-12 07:04:50.420 Total Hours: 71147.64
2014-12-12 07:04:50.420 Power On Hours: 35778.02
2014-12-12 07:04:50.420 Time of Last Boot: 2014-04-06 02:03:58
2014-12-12 07:04:50.420 Total Number of Boots: 120
2014-12-12 07:04:50.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-12 07:04:50.420 Total Number of Re-Syncs: 213
2014-12-12 07:04:50.420 Status Inputs: 00000000
2014-12-12 07:04:50.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-12 07:04:50.420 Clock Quality: 100%
2014-12-12 07:04:50.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-12 07:04:50.420 Clock Phase: 0 usec. max allowed=50000
2014-12-12 07:04:50.420 Boom positions:
2014-12-12 07:04:50.420 ch1: -2 ch2: -7 ch3: 7 ch4: 20 ch5: 20 ch6: 20
2014-12-12 07:04:50.420 Analog Status
2014-12-12 07:04:50.420 Analog Positive Supply: 5.46V
2014-12-12 07:04:50.420 Input voltage: 13.20V

```



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2014-12-12 07:04:50.420 System Temperature: 5C  
 2014-12-12 07:04:50.420 Main Current: 62ma  
 2014-12-12 07:04:50.420 Antenna Current: 0ma  
 2014-12-12 07:04:50.420 GPS Status  
 2014-12-12 07:04:50.420 Time: 07:04:48  
 2014-12-12 07:04:50.420 Date:  
 2014-12-12 07:04:50.420 Fix Type: 1-D  
 2014-12-12 07:04:50.420 Height:  
 2014-12-12 07:04:50.420 Latitude:  
 2014-12-12 07:04:50.420 Longitude:  
 2014-12-12 07:04:50.420 On Time: 0min  
 2014-12-12 07:04:50.420 Sat. Used: 0  
 2014-12-12 07:04:50.420 In View: 0  
 2014-12-12 07:04:50.420 Checksum Errors: 0  
 2014-12-12 07:04:50.420 Last GPS timemark: 2014-12-12 07:04:47  
 2014-12-12 07:04:50.420 PLL Status  
 2014-12-12 07:04:50.420 State: Lock  
 2014-12-12 07:04:50.420 Initial VCO: 2200.172607  
 2014-12-12 07:04:50.420 Time Error: 0.000000  
 2014-12-12 07:04:50.420 RMS VCO: 0.000000  
 2014-12-12 07:04:50.420 Best VCO: 2200.06  
 2014-12-12 07:04:50.420 Seconds Since Track or Lock: 0.0  
 2014-12-12 07:04:50.420 Vco Control: 2200  
 2014-12-12 07:04:50.420 timing mode: external seascan  
 2014-12-12 07:04:50.420 tempco normal  
 2014-12-12 07:04:50.420 PLL update: 10s PLL lock criterion: 5us  
 2014-12-12 07:04:50.420 Pfrac: 150.00  
 2014-12-12 07:04:50.420 VCO slope: -0.0175000  
 2014-12-12 07:04:50.420 VCO intercept: 7.1100001  
 2014-12-12 07:04:50.420 km delta: 600.0000000  
 2014-12-12 07:04:50.420 Logical Port 4 Status  
 2014-12-12 07:04:50.420 Data Packets Sent: 24941627  
 2014-12-12 07:04:50.420 Flood Packets Sent: 0  
 2014-12-12 07:04:50.420 Packets Re-Sent: 39679  
 2014-12-12 07:04:50.420 Sequence Errors: 0  
 2014-12-12 07:04:50.420 Packet Buffer Used: 23089576  
 2014-12-12 07:04:50.420 Physical Port: Ethernet  
 2014-12-12 07:04:50.420 Baler Model: 14 Software Version: 2.28  
 2014-12-12 07:04:50.420 MAC Address: 00:04:FB:00:02:EA  
 2014-12-12 07:04:50.420 Disk Size: 20000669696  
 2014-12-12 07:04:50.420 Percent of 1177 data files in use: 47.7  
 2014-12-12 07:04:50.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-12 07:04:50.420 Channel Sensitivities (uV per count):  
 2014-12-12 07:04:50.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-12 07:04:50.420 Digitizer Calibration Results:  
 2014-12-12 07:04:50.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-12 07:04:50.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-12 07:04:50.420 DMU1 Software Version=10  
 2014-12-12 07:04:50.420 Supply Voltage=12.6  
 2014-12-12 07:04:50.420 Supply Current=0.41  
 2014-12-12 07:04:50.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-12 07:04:50.420 webLink Data Maps Restored  
 2014-12-12 07:04:50.420 [2014-12-11 19:03:54.999998] sequence resumes: 21574744 to 21574744  
 2014-12-12 07:04:50.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-12 07:04:49  
 2014-12-12 07:07:12.400 [2014-12-12 00:00:00.000000] saving Configuration to Backup Memory  
 2014-12-12 07:10:37.390 Reducing Status Polling Interval  
 2014-12-12 07:10:37.390 [2014-12-12 07:10:35.999998] total packets received: 54530  
 2014-12-12 07:10:37.390 [2014-12-12 07:10:35.999998] command timeouts: 6  
 2014-12-12 07:10:37.390 [2014-12-12 07:10:35.999998] out of window: 69  
 2014-12-12 07:10:37.390 written: HHZ-1224 HH1-1415 HH2-1497 BDH-450 VEP-2 VEC-2

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VEA-2 VKI-2 VCO-2  
 2014-12-12 07:10:37.390 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-33  
 VMZ-2 VM1-2  
 2014-12-12 07:10:37.390 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-12-12 07:10:37.390 [2014-12-12 07:10:35.999998] Done: 4743 recs. seq end:  
 21618345. run: 343 s  
 2014-12-12 19:11:29.400  
 2014-12-12 19:11:29.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-12 19:11:29.400 Control Port 2491 Opened  
 2014-12-12 19:11:29.400 Baler ready on Ethernet  
 2014-12-12 19:11:29.400 Power Cycled Baler Acknowledged  
 2014-12-12 19:11:29.400 Commands Accepted by Q330  
 2014-12-12 19:11:29.400 Access timeout: 300 sec  
 2014-12-12 19:11:29.400 Control Port 4023 Opened  
 2014-12-12 19:11:29.400 Data Port 4024 Opened  
 2014-12-12 19:11:29.400 Registered with Q330  
 2014-12-12 19:11:29.400 Combination Record Received  
 2014-12-12 19:11:29.400 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-12 19:11:29.400 Link Reset, starting window sequence: 24265  
 2014-12-12 19:11:29.400 GPS Receiver ID Received  
 2014-12-12 19:11:29.400 Manufacturer's Data Received, Property Tag=2017  
 2014-12-12 19:11:29.400 Digitizer Gain & Offsets Received  
 2014-12-12 19:11:29.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4743 recs.  
 seq end: 21618345  
 2014-12-12 19:11:29.400 Baler clock set to 2014-12-12 19:11:28  
 2014-12-12 19:11:29.400 Starting to Read DP Tokens  
 2014-12-12 19:11:29.400 DP Tokens loaded, size=1474 bytes  
 2014-12-12 19:11:29.400 webserver advertising 192.168.200.119:5380  
 2014-12-12 19:11:29.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-12 19:11:29.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-12 19:11:29.400 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-12 19:11:29.400 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-12 19:11:29.400 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-12 19:11:29.400 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-12 19:11:29.400 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-12 19:11:29.400 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-12 19:11:29.400 [2014-12-12 07:10:35.999998] continuity found: 21618345  
 471683436.000000 Q=100  
 2014-12-12 19:11:29.400 [2014-12-12 07:10:35.999998] restoring continuity  
 2014-12-12 19:11:29.400 Sending DT\_OPEN  
 2014-12-12 19:11:29.400 Station: XX-2017  
 2014-12-12 19:11:29.400 Q330 Serial Number: 0100000DB18FC351  
 2014-12-12 19:11:29.400 AMB Serial Number: 0100000B6909DD82  
 2014-12-12 19:11:29.400 Seismo 2 Serial Number: 0000000000000000  
 2014-12-12 19:11:29.400 QAPCHP 1 Serial Number: 4643206  
 2014-12-12 19:11:29.400 QAPCHP 2 Serial Number: 3743050  
 2014-12-12 19:11:29.400 KMI Property Tag Number: 2017  
 2014-12-12 19:11:29.400 System Software Version: 1.146  
 2014-12-12 19:11:29.400 Slave Processor Version: 1.11  
 2014-12-12 19:11:29.400 Calibrator Type: QCAL330  
 2014-12-12 19:11:29.400 Calibrator Version: 1.8  
 2014-12-12 19:11:29.400 Auxiliary Board Type: None  
 2014-12-12 19:11:29.400 Clock Type: Motorola M12  
 2014-12-12 19:11:29.400 PLD Version: 7.9  
 2014-12-12 19:11:29.400 Total Hours: 71159.75  
 2014-12-12 19:11:29.400 Power On Hours: 35790.13  
 2014-12-12 19:11:29.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-12 19:11:29.400 Total Number of Boots: 120  
 2014-12-12 19:11:29.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-12 19:11:29.400 Total Number of Re-Syncs: 213  
 2014-12-12 19:11:29.400 Status Inputs: 00000000  
 2014-12-12 19:11:29.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-12 19:11:29.400 Clock Quality: 100%

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2014-12-12 19:11:29.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-12 19:11:29.400 Clock Phase: -2 usec. max allowed=50000  
 2014-12-12 19:11:29.400 Boom positions:  
 2014-12-12 19:11:29.400 ch1: -2 ch2: -7 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-12-12 19:11:29.400 Analog Status  
 2014-12-12 19:11:29.400 Analog Positive Supply: 5.46V  
 2014-12-12 19:11:29.400 Input Voltage: 13.35V  
 2014-12-12 19:11:29.400 System Temperature: 5C  
 2014-12-12 19:11:29.400 Main Current: 61ma  
 2014-12-12 19:11:29.400 Antenna Current: 0ma  
 2014-12-12 19:11:29.400 GPS Status  
 2014-12-12 19:11:29.400 Time: 19:11:29  
 2014-12-12 19:11:29.400 Date:  
 2014-12-12 19:11:29.400 Fix Type: 1-D  
 2014-12-12 19:11:29.400 Height:  
 2014-12-12 19:11:29.400 Latitude:  
 2014-12-12 19:11:29.400 Longitude:  
 2014-12-12 19:11:29.400 On Time: 0min  
 2014-12-12 19:11:29.400 Sat. Used: 0  
 2014-12-12 19:11:29.400 In View: 0  
 2014-12-12 19:11:29.400 Checksum Errors: 0  
 2014-12-12 19:11:29.400 Last GPS timemark: 2014-12-12 19:11:28  
 2014-12-12 19:11:29.400 PLL Status  
 2014-12-12 19:11:29.400 State: Lock  
 2014-12-12 19:11:29.400 Initial VCO: 2200.993652  
 2014-12-12 19:11:29.400 Time Error: 0.000000  
 2014-12-12 19:11:29.400 RMS VCO: 0.0000000  
 2014-12-12 19:11:29.400 Best VCO: 2201.07  
 2014-12-12 19:11:29.400 Seconds Since Track or Lock: 0.0  
 2014-12-12 19:11:29.400 Vco Control: 2201  
 2014-12-12 19:11:29.400 timing mode: external seascan  
 2014-12-12 19:11:29.400 tempco normal  
 2014-12-12 19:11:29.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-12 19:11:29.400 Pfrac: 150.00  
 2014-12-12 19:11:29.400 VCO slope: -0.0175000  
 2014-12-12 19:11:29.400 VCO intercept: 7.1100001  
 2014-12-12 19:11:29.400 Km delta: 600.0000000  
 2014-12-12 19:11:29.400 Logical Port 4 Status  
 2014-12-12 19:11:29.400 Data Packets Sent: 24996057  
 2014-12-12 19:11:29.400 Flood Packets Sent: 0  
 2014-12-12 19:11:29.400 Packets Re-Sent: 39763  
 2014-12-12 19:11:29.400 Sequence Errors: 0  
 2014-12-12 19:11:29.400 Packet Buffer Used: 22113264  
 2014-12-12 19:11:29.400 Physical Port: Ethernet  
 2014-12-12 19:11:29.400 Baler Model: 14 Software Version: 2.28  
 2014-12-12 19:11:29.400 MAC Address: 00:04:FB:00:02:EA  
 2014-12-12 19:11:29.400 Disk Size: 20000669696  
 2014-12-12 19:11:29.400 Percent of 1177 data files in use: 47.7  
 2014-12-12 19:11:29.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-12 19:11:29.400 Channel Sensitivities (uV per count):  
 2014-12-12 19:11:29.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-12 19:11:29.400 Digitizer Calibration Results:  
 2014-12-12 19:11:29.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-12 19:11:29.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-12 19:11:29.400 DMU1 Software Version=10  
 2014-12-12 19:11:29.400 Supply Voltage=12.7  
 2014-12-12 19:11:29.400 Supply Current=0.41  
 2014-12-12 19:11:29.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-12 19:11:29.400 webLink Data Maps Restored  
 2014-12-12 19:11:29.400 [2014-12-12 07:10:35.999998] sequence resumes: 21618345 to 21618345  
 2014-12-12 19:11:29.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-12-12 19:11:28

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2014-12-12 19:16:57.580 Reducing Status Polling Interval  
 2014-12-12 19:16:57.580 [2014-12-12 19:16:57.999998] total packets received: 44709  
 2014-12-12 19:16:57.580 [2014-12-12 19:16:57.999998] command timeouts: 6  
 2014-12-12 19:16:57.580 [2014-12-12 19:16:57.999998] out of window: 70  
 2014-12-12 19:16:57.580 written: HHZ-1148 HH1-1391 HH2-1373 BDH-446 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-12-12 19:16:57.580 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-29  
 VMZ-1 VM1-1  
 2014-12-12 19:16:57.580 written: VM2-1 LOG-2 ACE-1 OCF-1  
 2014-12-12 19:16:57.580 [2014-12-12 19:16:57.999998] Done: 4495 recs. seq end:  
 21661927. run: 323 s  
 2014-12-13 07:17:51.410  
 2014-12-13 07:17:51.410 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-13 07:17:51.410 Control Port 2491 Opened  
 2014-12-13 07:17:51.410 Baler ready on Ethernet  
 2014-12-13 07:17:51.410 Power Cycled Baler Acknowledged  
 2014-12-13 07:17:51.410 Commands Accepted by Q330  
 2014-12-13 07:17:51.410 Access timeout: 300 sec  
 2014-12-13 07:17:51.410 Control Port 4023 Opened  
 2014-12-13 07:17:51.410 Data Port 4024 Opened  
 2014-12-13 07:17:51.410 Registered with Q330  
 2014-12-13 07:17:51.410 Combination Record Received  
 2014-12-13 07:17:51.410 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-13 07:17:51.410 Link Reset, starting window sequence: 3333  
 2014-12-13 07:17:51.410 GPS Receiver ID Received  
 2014-12-13 07:17:51.410 Manufacturer's Data Received, Property Tag=2017  
 2014-12-13 07:17:51.410 Digitizer Gain & Offsets Received  
 2014-12-13 07:17:51.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4495 recs.  
 seq end: 21661927  
 2014-12-13 07:17:51.410 Baler clock set to 2014-12-13 07:17:50  
 2014-12-13 07:17:51.410 Starting to Read DP Tokens  
 2014-12-13 07:17:51.410 DP Tokens loaded, size=1474 bytes  
 2014-12-13 07:17:51.410 Webserver advertising 192.168.200.119:5380  
 2014-12-13 07:17:51.410 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-13 07:17:51.410 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-13 07:17:51.410 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-13 07:17:51.410 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-13 07:17:51.410 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-13 07:17:51.410 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-13 07:17:51.410 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-13 07:17:51.410 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-13 07:17:51.410 [2014-12-12 19:16:57.999998] continuity found: 21661927  
 471727018.000000 Q=100  
 2014-12-13 07:17:51.410 [2014-12-12 19:16:57.999998] restoring continuity  
 2014-12-13 07:17:51.410 Sending DT\_OPEN  
 2014-12-13 07:17:51.410 Station: XX-2017  
 2014-12-13 07:17:51.410 Q330 Serial Number: 0100000DB18FC351  
 2014-12-13 07:17:51.410 AMB Serial Number: 0100000B6909DD82  
 2014-12-13 07:17:51.410 Seismo 1 Serial Number: 0000000000000000  
 2014-12-13 07:17:51.410 Seismo 2 Serial Number: 0000000000000000  
 2014-12-13 07:17:51.410 QAPCHP 1 Serial Number: 4643206  
 2014-12-13 07:17:51.410 QAPCHP 2 Serial Number: 3743050  
 2014-12-13 07:17:51.410 KMI Property Tag Number: 2017  
 2014-12-13 07:17:51.410 System Software Version: 1.146  
 2014-12-13 07:17:51.410 Slave Processor Version: 1.11  
 2014-12-13 07:17:51.410 Calibrator Type: QCAL330  
 2014-12-13 07:17:51.410 Calibrator Version: 1.8  
 2014-12-13 07:17:51.410 Auxiliary Board Type: None  
 2014-12-13 07:17:51.410 Clock Type: Motorola M12  
 2014-12-13 07:17:51.410 PLD Version: 7.9  
 2014-12-13 07:17:51.410 Total Hours: 71171.85  
 2014-12-13 07:17:51.410 Power On Hours: 35802.24  
 2014-12-13 07:17:51.410 Time of Last Boot: 2014-04-06 02:03:58

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2014-12-13 07:17:51.410 Total Number of Boots: 120  
 2014-12-13 07:17:51.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-13 07:17:51.410 Total Number of Re-Syncs: 213  
 2014-12-13 07:17:51.410 Status Inputs: 00000000  
 2014-12-13 07:17:51.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-12-13 07:17:51.410 Clock Quality: 100%  
 2014-12-13 07:17:51.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-13 07:17:51.410 Clock Phase: 0 usec. max allowed=50000  
 2014-12-13 07:17:51.410 Boom positions:  
 2014-12-13 07:17:51.410 ch1: -2 ch2: -7 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2014-12-13 07:17:51.410 Analog Status  
 2014-12-13 07:17:51.410 Analog Positive Supply: 5.46V  
 2014-12-13 07:17:51.410 Input Voltage: 13.35V  
 2014-12-13 07:17:51.410 System Temperature: 5C  
 2014-12-13 07:17:51.410 Main Current: 61ma  
 2014-12-13 07:17:51.410 Antenna Current: 0ma  
 2014-12-13 07:17:51.410 GPS Status  
 2014-12-13 07:17:51.410 Time: 07:17:50  
 2014-12-13 07:17:51.410 Date:  
 2014-12-13 07:17:51.410 Fix Type: 1-D  
 2014-12-13 07:17:51.410 Height:  
 2014-12-13 07:17:51.410 Latitude:  
 2014-12-13 07:17:51.410 Longitude:  
 2014-12-13 07:17:51.410 On Time: 0min  
 2014-12-13 07:17:51.410 Sat. Used: 0  
 2014-12-13 07:17:51.410 In View: 0  
 2014-12-13 07:17:51.410 Checksum Errors: 0  
 2014-12-13 07:17:51.410 Last GPS timemark: 2014-12-13 07:17:49  
 2014-12-13 07:17:51.410 PLL Status  
 2014-12-13 07:17:51.410 State: Lock  
 2014-12-13 07:17:51.410 Initial VCO: 2201.037598  
 2014-12-13 07:17:51.410 Time Error: 0.000000  
 2014-12-13 07:17:51.410 RMS VCO: 0.0000000  
 2014-12-13 07:17:51.410 Best VCO: 2201.03  
 2014-12-13 07:17:51.410 Seconds Since Track or Lock: 0.0  
 2014-12-13 07:17:51.410 Vco Control: 2201  
 2014-12-13 07:17:51.410 timing mode: external seascan  
 2014-12-13 07:17:51.410 tempco normal  
 2014-12-13 07:17:51.410 PLL update: 10s PLL lock criterion: 5us  
 2014-12-13 07:17:51.410 Pfrac: 150.00  
 2014-12-13 07:17:51.410 VCO slope: -0.0175000  
 2014-12-13 07:17:51.410 VCO intercept: 7.1100001  
 2014-12-13 07:17:51.410 km delta: 600.0000000  
 2014-12-13 07:17:51.410 Logical Port 4 Status  
 2014-12-13 07:17:51.410 Data Packets Sent: 25040666  
 2014-12-13 07:17:51.410 Flood Packets Sent: 0  
 2014-12-13 07:17:51.410 Packets Re-Sent: 39849  
 2014-12-13 07:17:51.410 Sequence Errors: 0  
 2014-12-13 07:17:51.410 Packet Buffer Used: 22023220  
 2014-12-13 07:17:51.410 Physical Port: Ethernet  
 2014-12-13 07:17:51.410 Baler Model: 14 Software Version: 2.28  
 2014-12-13 07:17:51.410 MAC Address: 00:04:FB:00:02:EA  
 2014-12-13 07:17:51.410 Disk Size: 20000669696  
 2014-12-13 07:17:51.410 Percent of 1177 data files in use: 47.9  
 2014-12-13 07:17:51.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-13 07:17:51.410 Channel Sensitivities (uV per count):  
 2014-12-13 07:17:51.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-13 07:17:51.410 Digitizer Calibration Results:  
 2014-12-13 07:17:51.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-13 07:17:51.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-13 07:17:51.410 DMU1 Software Version=10  
 2014-12-13 07:17:51.410 Supply Voltage=12.7  
 2014-12-13 07:17:51.410 Supply Current=0.41

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2014-12-13 07:17:51.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-13 07:17:51.410 WebLink Data Maps Restored  
 2014-12-13 07:17:51.410 [2014-12-12 19:16:57.999998] sequence resumes: 21661927 to 21661927  
 2014-12-13 07:17:51.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-13 07:17:50  
 2014-12-13 07:19:55.040 [2014-12-13 00:00:00.000000] saving Configuration to Backup Memory  
 2014-12-13 07:23:20.580 Reducing Status Polling Interval  
 2014-12-13 07:23:20.580 [2014-12-13 07:23:19.999998] total packets received: 44775  
 2014-12-13 07:23:20.580 [2014-12-13 07:23:19.999998] out of window: 67  
 2014-12-13 07:23:20.580 written: HHZ-1150 HH1-1358 HH2-1380 BDH-448 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-12-13 07:23:20.580 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-28  
 VMZ-2 VM1-2  
 2014-12-13 07:23:20.580 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-12-13 07:23:20.580 [2014-12-13 07:23:19.999998] Done: 4484 recs. seq end: 21705509. run: 324 s  
 2014-12-13 19:24:13.410  
 2014-12-13 19:24:13.410 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-13 19:24:13.410 Control Port 2491 Opened  
 2014-12-13 19:24:13.410 Baler ready on Ethernet  
 2014-12-13 19:24:13.410 Power Cycled Baler Acknowledged  
 2014-12-13 19:24:13.410 Commands Accepted by Q330  
 2014-12-13 19:24:13.410 Access timeout: 300 sec  
 2014-12-13 19:24:13.410 Control Port 4023 Opened  
 2014-12-13 19:24:13.410 Data Port 4024 Opened  
 2014-12-13 19:24:13.410 Registered with Q330  
 2014-12-13 19:24:13.410 Combination Record Received  
 2014-12-13 19:24:13.410 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-13 19:24:13.410 Link Reset, starting window sequence: 48005  
 2014-12-13 19:24:13.410 GPS Receiver ID Received  
 2014-12-13 19:24:13.410 Manufacturer's Data Received, Property Tag=2017  
 2014-12-13 19:24:13.410 Digitizer Gain & Offsets Received  
 2014-12-13 19:24:13.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4484 recs. seq end: 21705509  
 2014-12-13 19:24:13.410 Baler clock set to 2014-12-13 19:24:12  
 2014-12-13 19:24:13.410 Starting to Read DP Tokens  
 2014-12-13 19:24:13.410 DP Tokens loaded, size=1474 bytes  
 2014-12-13 19:24:13.410 webserver advertising 192.168.200.119:5380  
 2014-12-13 19:24:13.410 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-13 19:24:13.410 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-13 19:24:13.410 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-13 19:24:13.410 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-13 19:24:13.410 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-13 19:24:13.410 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-13 19:24:13.410 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-13 19:24:13.410 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-13 19:24:13.410 [2014-12-13 07:23:19.999998] continuity found: 21705509  
 471770600.000000 Q=100  
 2014-12-13 19:24:13.410 [2014-12-13 07:23:19.999998] restoring continuity  
 2014-12-13 19:24:13.410 Sending DT\_OPEN  
 2014-12-13 19:24:13.410 Station: XX-2017  
 2014-12-13 19:24:13.410 Q330 Serial Number: 0100000DB18FC351  
 2014-12-13 19:24:13.410 AMB Serial Number: 0100000B6909DD82  
 2014-12-13 19:24:13.410 Seismo 1 Serial Number: 0000000000000000  
 2014-12-13 19:24:13.410 Seismo 2 Serial Number: 0000000000000000  
 2014-12-13 19:24:13.410 QAPCHP 1 Serial Number: 4643206  
 2014-12-13 19:24:13.410 QAPCHP 2 Serial Number: 3743050  
 2014-12-13 19:24:13.410 KMI Property Tag Number: 2017  
 2014-12-13 19:24:13.410 System Software Version: 1.146  
 2014-12-13 19:24:13.410 Slave Processor Version: 1.11  
 2014-12-13 19:24:13.410 Calibrator Type: QCAL330

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2014-12-13 19:24:13.410 Calibrator Version: 1.8  
 2014-12-13 19:24:13.410 Auxiliary Board Type: None  
 2014-12-13 19:24:13.410 Clock Type: Motorola M12  
 2014-12-13 19:24:13.410 PLD Version: 7.9  
 2014-12-13 19:24:13.410 Total Hours: 71183.96  
 2014-12-13 19:24:13.410 Power On Hours: 35814.35  
 2014-12-13 19:24:13.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-13 19:24:13.410 Total Number of Boots: 120  
 2014-12-13 19:24:13.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-13 19:24:13.410 Total Number of Re-Syncs: 213  
 2014-12-13 19:24:13.410 Status Inputs: 00000000  
 2014-12-13 19:24:13.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-13 19:24:13.410 Clock Quality: 100%  
 2014-12-13 19:24:13.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-13 19:24:13.410 Clock Phase: 0 usec. max allowed=50000  
 2014-12-13 19:24:13.410 Boom positions:  
 2014-12-13 19:24:13.410 ch1: -2 ch2: -11 ch3: 12 ch4: 20 ch5: 20 ch6: 20  
 2014-12-13 19:24:13.410 Analog Status  
 2014-12-13 19:24:13.410 Analog Positive Supply: 5.46V  
 2014-12-13 19:24:13.410 Input Voltage: 13.35V  
 2014-12-13 19:24:13.410 System Temperature: 5C  
 2014-12-13 19:24:13.410 Main Current: 62ma  
 2014-12-13 19:24:13.410 Antenna Current: 0ma  
 2014-12-13 19:24:13.410 GPS Status  
 2014-12-13 19:24:13.410 Time: 19:24:12  
 2014-12-13 19:24:13.410 Date:  
 2014-12-13 19:24:13.410 Fix Type: 1-D  
 2014-12-13 19:24:13.410 Height:  
 2014-12-13 19:24:13.410 Latitude:  
 2014-12-13 19:24:13.410 Longitude:  
 2014-12-13 19:24:13.410 On Time: 0min  
 2014-12-13 19:24:13.410 Sat. Used: 0  
 2014-12-13 19:24:13.410 In View: 0  
 2014-12-13 19:24:13.410 Checksum Errors: 0  
 2014-12-13 19:24:13.410 Last GPS timemark: 2014-12-13 19:24:11  
 2014-12-13 19:24:13.410 PLL Status  
 2014-12-13 19:24:13.410 State: Lock  
 2014-12-13 19:24:13.410 Initial VCO: 2201.024658  
 2014-12-13 19:24:13.410 Time Error: 0.000000  
 2014-12-13 19:24:13.410 RMS VCO: 0.0000000  
 2014-12-13 19:24:13.410 Best VCO: 2201.02  
 2014-12-13 19:24:13.410 Seconds Since Track or Lock: 0.0  
 2014-12-13 19:24:13.410 vco Control: 2201  
 2014-12-13 19:24:13.410 timing mode: external seascan  
 2014-12-13 19:24:13.410 tempco normal  
 2014-12-13 19:24:13.410 PLL update: 10s PLL lock criterion: 5us  
 2014-12-13 19:24:13.410 Pfrac: 150.00  
 2014-12-13 19:24:13.410 VCO slope: -0.0175000  
 2014-12-13 19:24:13.410 VCO intercept: 7.1100001  
 2014-12-13 19:24:13.410 Km delta: 600.0000000  
 2014-12-13 19:24:13.410 Logical Port 4 Status  
 2014-12-13 19:24:13.410 Data Packets Sent: 25085344  
 2014-12-13 19:24:13.410 Flood Packets Sent: 0  
 2014-12-13 19:24:13.410 Packets Re-Sent: 39930  
 2014-12-13 19:24:13.410 Sequence Errors: 0  
 2014-12-13 19:24:13.410 Packet Buffer Used: 22584116  
 2014-12-13 19:24:13.410 Physical Port: Ethernet  
 2014-12-13 19:24:13.410 Baler Model: 14 Software Version: 2.28  
 2014-12-13 19:24:13.410 MAC Address: 00:04:FB:00:02:EA  
 2014-12-13 19:24:13.410 Disk Size: 20000669696  
 2014-12-13 19:24:13.410 Percent of 1177 data files in use: 48.0  
 2014-12-13 19:24:13.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-13 19:24:13.410 Channel sensitivities (uV per count):

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2014-12-13 19:24:13.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-13 19:24:13.410 Digitizer Calibration Results:
2014-12-13 19:24:13.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-13 19:24:13.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-13 19:24:13.410 DMU1 Software Version=10
2014-12-13 19:24:13.410 Supply Voltage=12.7
2014-12-13 19:24:13.410 Supply Current=0.40
2014-12-13 19:24:13.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-13 19:24:13.410 WebLink Data Maps Restored
2014-12-13 19:24:13.410 [2014-12-13 07:23:19.999998] sequence resumes: 21705509 to
21705509
2014-12-13 19:24:13.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-13 19:24:12
2014-12-13 19:29:50.440 Reducing Status Polling Interval
2014-12-13 19:29:50.440 [2014-12-13 19:29:49.000000] total packets received: 54033
2014-12-13 19:29:50.440 [2014-12-13 19:29:49.000000] command timeouts: 6
2014-12-13 19:29:50.440 [2014-12-13 19:29:49.000000] out of window: 61
2014-12-13 19:29:50.440 written: HHZ-1206 HH1-1394 HH2-1413 BDH-446 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-12-13 19:29:50.440 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-12-13 19:29:50.440 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-13 19:29:50.440 [2014-12-13 19:29:49.000000] Done: 4603 recs. seq end:
21749098. run: 333 s
2014-12-14 07:30:43.390
2014-12-14 07:30:43.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-14 07:30:43.390 Control Port 2491 Opened
2014-12-14 07:30:43.390 Baler ready on Ethernet
2014-12-14 07:30:43.390 Power Cycled Baler Acknowledged
2014-12-14 07:30:43.390 Commands Accepted by Q330
2014-12-14 07:30:43.390 Access timeout: 300 sec
2014-12-14 07:30:43.390 Control Port 4023 Opened
2014-12-14 07:30:43.390 Data Port 4024 Opened
2014-12-14 07:30:43.390 Registered with Q330
2014-12-14 07:30:43.390 Combination Record Received
2014-12-14 07:30:43.390 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-14 07:30:43.390 Link Reset, starting window sequence: 36405
2014-12-14 07:30:43.390 GPS Receiver ID Received
2014-12-14 07:30:43.390 Manufacturer's Data Received, Property Tag=2017
2014-12-14 07:30:43.390 Digitizer Gain & Offsets Received
2014-12-14 07:30:43.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4603 recs.
seq end: 21749098
2014-12-14 07:30:43.390 Baler clock set to 2014-12-14 07:30:42
2014-12-14 07:30:43.390 Starting to Read DP Tokens
2014-12-14 07:30:43.390 DP Tokens loaded, size=1474 bytes
2014-12-14 07:30:43.390 webserver advertising 192.168.200.119:5380
2014-12-14 07:30:43.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-14 07:30:43.390 filters & delay HH1:2@100,Linear all=0.320000
2014-12-14 07:30:43.390 filters & delay HH2:3@100,Linear all=0.320000
2014-12-14 07:30:43.390 filters & delay BDH:4@20,Linear all=1.650000
2014-12-14 07:30:43.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-14 07:30:43.390 filters & delay LH1:2@1,Linear all=15.000000
2014-12-14 07:30:43.390 filters & delay LH2:3@1,Linear all=15.000000
2014-12-14 07:30:43.390 filters & delay LDH:4@1,Linear all=15.000000
2014-12-14 07:30:43.390 [2014-12-13 19:29:49.000000] continuity found: 21749098
471814189.000000 Q=100
2014-12-14 07:30:43.390 [2014-12-13 19:29:49.000000] restoring continuity
2014-12-14 07:30:43.390 Sending DT_OPEN
2014-12-14 07:30:43.390 Station: XX-2017
2014-12-14 07:30:43.390 Q330 Serial Number: 0100000DB18FC351
2014-12-14 07:30:43.390 AMB Serial Number: 0100000B6909DD82
2014-12-14 07:30:43.390 Seismo 1 Serial Number: 0000000000000000
2014-12-14 07:30:43.390 Seismo 2 Serial Number: 0000000000000000

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2014-12-14 07:30:43.390 QAPCHP 1 Serial Number: 4643206  
 2014-12-14 07:30:43.390 QAPCHP 2 Serial Number: 3743050  
 2014-12-14 07:30:43.390 KMI Property Tag Number: 2017  
 2014-12-14 07:30:43.390 System Software Version: 1.146  
 2014-12-14 07:30:43.390 Slave Processor Version: 1.11  
 2014-12-14 07:30:43.390 Calibrator Type: QCAL330  
 2014-12-14 07:30:43.390 Calibrator Version: 1.8  
 2014-12-14 07:30:43.390 Auxiliary Board Type: None  
 2014-12-14 07:30:43.390 Clock Type: Motorola M12  
 2014-12-14 07:30:43.390 PLD Version: 7.9  
 2014-12-14 07:30:43.390 Total Hours: 71196.07  
 2014-12-14 07:30:43.390 Power On Hours: 35826.45  
 2014-12-14 07:30:43.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-14 07:30:43.390 Total Number of Boots: 120  
 2014-12-14 07:30:43.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-14 07:30:43.390 Total Number of Re-Syncs: 213  
 2014-12-14 07:30:43.390 Status Inputs: 00000000  
 2014-12-14 07:30:43.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-14 07:30:43.390 Clock Quality: 100%  
 2014-12-14 07:30:43.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-14 07:30:43.390 Clock Phase: 0 usec. max allowed=50000  
 2014-12-14 07:30:43.390 Boom positions:  
 2014-12-14 07:30:43.390 ch1: -2 ch2: -9 ch3: 11 ch4: 20 ch5: 20 ch6: 20  
 2014-12-14 07:30:43.390 Analog Status  
 2014-12-14 07:30:43.390 Analog Positive Supply: 5.46V  
 2014-12-14 07:30:43.390 Input Voltage: 13.35V  
 2014-12-14 07:30:43.390 System Temperature: 5C  
 2014-12-14 07:30:43.390 Main Current: 61ma  
 2014-12-14 07:30:43.390 Antenna Current: 0ma  
 2014-12-14 07:30:43.390 GPS Status  
 2014-12-14 07:30:43.390 Time: 07:30:42  
 2014-12-14 07:30:43.390 Date:  
 2014-12-14 07:30:43.390 Fix Type: 1-D  
 2014-12-14 07:30:43.390 Height:  
 2014-12-14 07:30:43.390 Latitude:  
 2014-12-14 07:30:43.390 Longitude:  
 2014-12-14 07:30:43.390 Sat. Used: 0  
 2014-12-14 07:30:43.390 In View: 0  
 2014-12-14 07:30:43.390 Checksum Errors: 0  
 2014-12-14 07:30:43.390 Last GPS timemark: 2014-12-14 07:30:41  
 2014-12-14 07:30:43.390 PLL Status  
 2014-12-14 07:30:43.390 State: Lock  
 2014-12-14 07:30:43.390 Initial VCO: 2201.384521  
 2014-12-14 07:30:43.390 Time Error: 0.000000  
 2014-12-14 07:30:43.390 RMS VCO: 0.0000000  
 2014-12-14 07:30:43.390 Best VCO: 2201.30  
 2014-12-14 07:30:43.390 Seconds Since Track or Lock: 0.0  
 2014-12-14 07:30:43.390 Vco Control: 2201  
 2014-12-14 07:30:43.390 timing mode: external seascan  
 2014-12-14 07:30:43.390 tempco normal  
 2014-12-14 07:30:43.390 PLL update: 10s PLL lock criterion: 5us  
 2014-12-14 07:30:43.390 Pfrac: 150.00  
 2014-12-14 07:30:43.390 VCO slope: -0.0175000  
 2014-12-14 07:30:43.390 VCO intercept: 7.1100001  
 2014-12-14 07:30:43.390 km delta: 600.0000000  
 2014-12-14 07:30:43.390 Logical Port 4 Status  
 2014-12-14 07:30:43.390 Data Packets Sent: 25139285  
 2014-12-14 07:30:43.390 Flood Packets Sent: 0  
 2014-12-14 07:30:43.390 Packets Re-Sent: 40006  
 2014-12-14 07:30:43.390 Sequence Errors: 0  
 2014-12-14 07:30:43.390 Packet Buffer Used: 22296248  
 2014-12-14 07:30:43.390 Physical Port: Ethernet  
 2014-12-14 07:30:43.390 Baler Model: 14 Software Version: 2.28

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2014-12-14 07:30:43.390 MAC Address: 00:04:FB:00:02:EA
2014-12-14 07:30:43.390 Disk Size: 20000669696
2014-12-14 07:30:43.390 Percent of 1177 data files in use: 48.1
2014-12-14 07:30:43.390 Channels Enabled: 1234 Preamps ON channels:
2014-12-14 07:30:43.390 Channel Sensitivities (uV per count):
2014-12-14 07:30:43.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-14 07:30:43.390 Digitizer Calibration Results:
2014-12-14 07:30:43.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-14 07:30:43.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-14 07:30:43.390 DMU1 Software Version=10
2014-12-14 07:30:43.390 Supply Voltage=12.7
2014-12-14 07:30:43.390 Supply Current=0.40
2014-12-14 07:30:43.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-14 07:30:43.390 webLink Data Maps Restored
2014-12-14 07:30:43.390 [2014-12-13 19:29:49.000000] sequence resumes: 21749098 to
21749098
2014-12-14 07:30:43.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-14 07:30:42
2014-12-14 07:32:42.300 [2014-12-14 00:00:00.000000] saving Configuration to Backup
Memory
2014-12-14 07:36:13.160 [2014-12-14 07:25:47.000000] total packets received: 48540
2014-12-14 07:36:13.160 [2014-12-14 07:25:47.000000] command timeouts: 6
2014-12-14 07:36:13.160 [2014-12-14 07:25:47.000000] out of window: 71
2014-12-14 07:36:13.160 written: HHZ-1165 HH1-1386 HH2-1351 BDH-433 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-12-14 07:36:13.160 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-12-14 07:36:13.160 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-12-14 07:36:13.160 [2014-12-14 07:25:47.000000] Done: 4470 recs. seq end:
21792056. run: 325 s
2014-12-14 19:37:04.400
2014-12-14 19:37:04.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-14 19:37:04.400 Control Port 2491 Opened
2014-12-14 19:37:04.400 Baler ready on Ethernet
2014-12-14 19:37:04.400 Power Cycled Baler Acknowledged
2014-12-14 19:37:04.400 Commands Accepted by Q330
2014-12-14 19:37:04.400 Access timeout: 300 sec
2014-12-14 19:37:04.400 Control Port 4023 Opened
2014-12-14 19:37:04.400 Data Port 4024 Opened
2014-12-14 19:37:04.400 Registered with Q330
2014-12-14 19:37:04.400 Combination Record Received
2014-12-14 19:37:04.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-14 19:37:04.400 Link Reset, starting window sequence: 19303
2014-12-14 19:37:04.400 GPS Receiver ID Received
2014-12-14 19:37:04.400 Manufacturer's Data Received, Property Tag=2017
2014-12-14 19:37:04.400 Digitizer Gain & Offsets Received
2014-12-14 19:37:04.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4470 recs.
seq end: 21792056
2014-12-14 19:37:04.400 Baler clock set to 2014-12-14 19:37:03
2014-12-14 19:37:04.400 Starting to Read DP Tokens
2014-12-14 19:37:04.400 DP Tokens loaded, size=1474 bytes
2014-12-14 19:37:04.400 webserver advertising 192.168.200.119:5380
2014-12-14 19:37:04.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-14 19:37:04.400 filters & delay HH1:2@100,Linear all=0.320000
2014-12-14 19:37:04.400 filters & delay HH2:3@100,Linear all=0.320000
2014-12-14 19:37:04.400 filters & delay BDH:4@20,Linear all=1.650000
2014-12-14 19:37:04.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-14 19:37:04.400 filters & delay LH1:2@1,Linear all=15.000000
2014-12-14 19:37:04.400 filters & delay LH2:3@1,Linear all=15.000000
2014-12-14 19:37:04.400 filters & delay LDH:4@1,Linear all=15.000000
2014-12-14 19:37:04.400 [2014-12-14 07:25:47.000000] continuity found: 21792056
471857147.000000 Q=100
2014-12-14 19:37:04.400 [2014-12-14 07:25:47.000000] restoring continuity

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2014-12-14 19:37:04.400 Sending DT\_OPEN  
 2014-12-14 19:37:04.400 Station: XX-2017  
 2014-12-14 19:37:04.400 Q330 Serial Number: 0100000DB18FC351  
 2014-12-14 19:37:04.400 AMB Serial Number: 0100000B6909DD82  
 2014-12-14 19:37:04.400 Seismo 1 Serial Number: 0000000000000000  
 2014-12-14 19:37:04.400 Seismo 2 Serial Number: 0000000000000000  
 2014-12-14 19:37:04.400 QAPCHP 1 Serial Number: 4643206  
 2014-12-14 19:37:04.400 QAPCHP 2 Serial Number: 3743050  
 2014-12-14 19:37:04.400 KMI Property Tag Number: 2017  
 2014-12-14 19:37:04.400 System Software Version: 1.146  
 2014-12-14 19:37:04.400 Slave Processor Version: 1.11  
 2014-12-14 19:37:04.400 Calibrator Type: QCAL330  
 2014-12-14 19:37:04.400 Calibrator Version: 1.8  
 2014-12-14 19:37:04.400 Auxiliary Board Type: None  
 2014-12-14 19:37:04.400 Clock Type: Motorola M12  
 2014-12-14 19:37:04.400 PLD Version: 7.9  
 2014-12-14 19:37:04.400 Total Hours: 71208.18  
 2014-12-14 19:37:04.400 Power On Hours: 35838.56  
 2014-12-14 19:37:04.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-14 19:37:04.400 Total Number of Boots: 120  
 2014-12-14 19:37:04.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-14 19:37:04.400 Total Number of Re-Syncs: 213  
 2014-12-14 19:37:04.400 Status Inputs: 00000000  
 2014-12-14 19:37:04.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-14 19:37:04.400 Clock Quality: 100%  
 2014-12-14 19:37:04.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-14 19:37:04.400 Clock Phase: 0 usec. max allowed=50000  
 2014-12-14 19:37:04.400 Boom positions:  
 2014-12-14 19:37:04.400 Ch1: -2 Ch2: -9 Ch3: 12 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-14 19:37:04.400 Analog Status  
 2014-12-14 19:37:04.400 Analog Positive Supply: 5.46V  
 2014-12-14 19:37:04.400 Input Voltage: 13.20V  
 2014-12-14 19:37:04.400 System Temperature: 5C  
 2014-12-14 19:37:04.400 Main Current: 62ma  
 2014-12-14 19:37:04.400 Antenna Current: 0ma  
 2014-12-14 19:37:04.400 GPS Status  
 2014-12-14 19:37:04.400 Time: 19:37:03  
 2014-12-14 19:37:04.400 Date:  
 2014-12-14 19:37:04.400 Fix Type: 1-D  
 2014-12-14 19:37:04.400 Height:  
 2014-12-14 19:37:04.400 Latitude:  
 2014-12-14 19:37:04.400 Longitude:  
 2014-12-14 19:37:04.400 On Time: 0min  
 2014-12-14 19:37:04.400 Sat. Used: 0  
 2014-12-14 19:37:04.400 In View: 0  
 2014-12-14 19:37:04.400 Checksum Errors: 0  
 2014-12-14 19:37:04.400 Last GPS timemark: 2014-12-14 19:37:02  
 2014-12-14 19:37:04.400 PLL Status  
 2014-12-14 19:37:04.400 State: Lock  
 2014-12-14 19:37:04.400 Initial VCO: 2201.226807  
 2014-12-14 19:37:04.400 Time Error: -0.000001  
 2014-12-14 19:37:04.400 RMS VCO: 0.0000000  
 2014-12-14 19:37:04.400 Best VCO: 2201.19  
 2014-12-14 19:37:04.400 Seconds Since Track or Lock: 0.0  
 2014-12-14 19:37:04.400 Vco Control: 2201  
 2014-12-14 19:37:04.400 timing mode: external seascan  
 2014-12-14 19:37:04.400 tempco normal  
 2014-12-14 19:37:04.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-14 19:37:04.400 Pfrac: 150.00  
 2014-12-14 19:37:04.400 VCO slope: -0.0175000  
 2014-12-14 19:37:04.400 VCO intercept: 7.1100001  
 2014-12-14 19:37:04.400 km delta: 600.0000000  
 2014-12-14 19:37:04.400 Logical Port 4 Status

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2014-12-14 19:37:04.400 Data Packets Sent: 25187724  
 2014-12-14 19:37:04.400 Flood Packets Sent: 0  
 2014-12-14 19:37:04.400 Packets Re-Sent: 40092  
 2014-12-14 19:37:04.400 Sequence Errors: 0  
 2014-12-14 19:37:04.400 Packet Buffer Used: 23633800  
 2014-12-14 19:37:04.400 Physical Port: Ethernet  
 2014-12-14 19:37:04.400 Baler Model: 14 Software Version: 2.28  
 2014-12-14 19:37:04.400 MAC Address: 00:04:FB:00:02:EA  
 2014-12-14 19:37:04.400 Disk Size: 20000669696  
 2014-12-14 19:37:04.400 Percent of 1177 data files in use: 48.2  
 2014-12-14 19:37:04.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-14 19:37:04.400 Channel Sensitivities (uV per count):  
 2014-12-14 19:37:04.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-14 19:37:04.400 Digitizer Calibration Results:  
 2014-12-14 19:37:04.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-14 19:37:04.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-14 19:37:04.400 DMU1 Software Version=10  
 2014-12-14 19:37:04.400 Supply Voltage=12.7  
 2014-12-14 19:37:04.400 Supply Current=0.41  
 2014-12-14 19:37:04.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-14 19:37:04.400 WebLink Data Maps Restored  
 2014-12-14 19:37:04.400 [2014-12-14 07:25:47.000000] sequence resumes: 21792056 to 21792056  
 2014-12-14 19:37:04.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-14 19:37:03  
 2014-12-14 19:43:04.930 Reducing Status Polling Interval  
 2014-12-14 19:43:04.930 [2014-12-14 19:43:04.999998] total packets received: 64055  
 2014-12-14 19:43:04.930 [2014-12-14 19:43:04.999998] command timeouts: 6  
 2014-12-14 19:43:04.930 [2014-12-14 19:43:04.999998] out of window: 73  
 2014-12-14 19:43:04.930 written: HHZ-1273 HH1-1482 HH2-1494 BDH-445 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-14 19:43:04.930 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-12-14 19:43:04.930 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-14 19:43:04.930 [2014-12-14 19:43:04.999998] Done: 4837 recs. seq end: 21836294. run: 357 s  
 2014-12-15 07:44:00.410  
 2014-12-15 07:44:00.410 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-15 07:44:00.410 Control Port 2491 Opened  
 2014-12-15 07:44:00.410 Baler ready on Ethernet  
 2014-12-15 07:44:00.410 Power Cycled Baler Acknowledged  
 2014-12-15 07:44:00.410 Commands Accepted by Q330  
 2014-12-15 07:44:00.410 Access timeout: 300 sec  
 2014-12-15 07:44:00.410 Control Port 4023 Opened  
 2014-12-15 07:44:00.410 Data Port 4024 Opened  
 2014-12-15 07:44:00.410 Registered with Q330  
 2014-12-15 07:44:00.410 Combination Record Received  
 2014-12-15 07:44:00.410 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-15 07:44:00.410 Link Reset, starting window sequence: 17712  
 2014-12-15 07:44:00.410 GPS Receiver ID Received  
 2014-12-15 07:44:00.410 Manufacturer's Data Received, Property Tag=2017  
 2014-12-15 07:44:00.410 Digitizer Gain & Offsets Received  
 2014-12-15 07:44:00.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4837 recs. seq end: 21836294  
 2014-12-15 07:44:00.410 Baler clock set to 2014-12-15 07:43:59  
 2014-12-15 07:44:00.410 Starting to Read DP Tokens  
 2014-12-15 07:44:00.410 DP Tokens loaded, size=1474 bytes  
 2014-12-15 07:44:00.410 webserver advertising 192.168.200.119:5380  
 2014-12-15 07:44:00.410 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-15 07:44:00.410 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-15 07:44:00.410 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-15 07:44:00.410 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-15 07:44:00.410 filters & delay LH1:2@1,Linear all=15.000000

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2014-12-15 07:44:00.410 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-15 07:44:00.410 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-15 07:44:00.410 [2014-12-14 19:43:04.999998] continuity found: 21836294  
 471901385.000000 Q=100  
 2014-12-15 07:44:00.410 [2014-12-14 19:43:04.999998] restoring continuity  
 2014-12-15 07:44:00.410 Sending DT\_OPEN  
 2014-12-15 07:44:00.410 Station: XX-2017  
 2014-12-15 07:44:00.410 Q330 Serial Number: 0100000DB18FC351  
 2014-12-15 07:44:00.410 AMB Serial Number: 0100000B6909DD82  
 2014-12-15 07:44:00.410 Seismo 1 Serial Number: 0000000000000000  
 2014-12-15 07:44:00.410 Seismo 2 Serial Number: 0000000000000000  
 2014-12-15 07:44:00.410 QAPCHP 1 Serial Number: 4643206  
 2014-12-15 07:44:00.410 QAPCHP 2 Serial Number: 3743050  
 2014-12-15 07:44:00.410 KMI Property Tag Number: 2017  
 2014-12-15 07:44:00.410 System Software Version: 1.146  
 2014-12-15 07:44:00.410 Slave Processor Version: 1.11  
 2014-12-15 07:44:00.410 Calibrator Type: QCAL330  
 2014-12-15 07:44:00.410 Calibrator Version: 1.8  
 2014-12-15 07:44:00.410 Auxiliary Board Type: None  
 2014-12-15 07:44:00.410 Clock Type: Motorola M12  
 2014-12-15 07:44:00.410 PLD Version: 7.9  
 2014-12-15 07:44:00.410 Total Hours: 71220.29  
 2014-12-15 07:44:00.410 Power On Hours: 35850.68  
 2014-12-15 07:44:00.410 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-15 07:44:00.410 Total Number of Boots: 120  
 2014-12-15 07:44:00.410 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-15 07:44:00.410 Total Number of Re-Syncs: 213  
 2014-12-15 07:44:00.410 Status Inputs: 00000000  
 2014-12-15 07:44:00.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-15 07:44:00.410 Clock Quality: 100%  
 2014-12-15 07:44:00.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-15 07:44:00.410 Clock Phase: 0 usec. max allowed=50000  
 2014-12-15 07:44:00.410 Boom positions:  
 2014-12-15 07:44:00.410 ch1: -2 ch2: -11 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2014-12-15 07:44:00.410 Analog Status  
 2014-12-15 07:44:00.410 Analog Positive Supply: 5.46V  
 2014-12-15 07:44:00.410 Input Voltage: 13.35V  
 2014-12-15 07:44:00.410 System Temperature: 5C  
 2014-12-15 07:44:00.410 Main Current: 62ma  
 2014-12-15 07:44:00.410 Antenna Current: 0ma  
 2014-12-15 07:44:00.410 GPS Status  
 2014-12-15 07:44:00.410 Time: 07:43:59  
 2014-12-15 07:44:00.410 Date:  
 2014-12-15 07:44:00.410 Fix Type: 1-D  
 2014-12-15 07:44:00.410 Height:  
 2014-12-15 07:44:00.410 Latitude:  
 2014-12-15 07:44:00.410 Longitude:  
 2014-12-15 07:44:00.410 On Time: 0min  
 2014-12-15 07:44:00.410 Sat. Used: 0  
 2014-12-15 07:44:00.410 In View: 0  
 2014-12-15 07:44:00.410 Checksum Errors: 0  
 2014-12-15 07:44:00.410 Last GPS timemark: 2014-12-15 07:43:58  
 2014-12-15 07:44:00.410 PLL Status  
 2014-12-15 07:44:00.410 State: Lock  
 2014-12-15 07:44:00.410 Initial VCO: 2201.239746  
 2014-12-15 07:44:00.410 Time Error: 0.000000  
 2014-12-15 07:44:00.410 RMS VCO: 0.0000000  
 2014-12-15 07:44:00.410 Best VCO: 2201.26  
 2014-12-15 07:44:00.410 Seconds Since Track or Lock: 0.0  
 2014-12-15 07:44:00.410 Vco Control: 2201  
 2014-12-15 07:44:00.410 timing mode: external seascan  
 2014-12-15 07:44:00.410 tempco normal  
 2014-12-15 07:44:00.410 PLL update: 10s PLL lock criterion: 5us

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2014-12-15 07:44:00.410 Pfrac: 150.00  
 2014-12-15 07:44:00.410 VCO slope: -0.0175000  
 2014-12-15 07:44:00.410 VCO intercept: 7.1100001  
 2014-12-15 07:44:00.410 km delta: 600.0000000  
 2014-12-15 07:44:00.410 Logical Port 4 Status  
 2014-12-15 07:44:00.410 Data Packets Sent: 25251674  
 2014-12-15 07:44:00.410 Flood Packets Sent: 0  
 2014-12-15 07:44:00.410 Packets Re-Sent: 40183  
 2014-12-15 07:44:00.410 Sequence Errors: 0  
 2014-12-15 07:44:00.410 Packet Buffer Used: 22565376  
 2014-12-15 07:44:00.410 Physical Port: Ethernet  
 2014-12-15 07:44:00.410 Baler Model: 14 Software Version: 2.28  
 2014-12-15 07:44:00.410 MAC Address: 00:04:FB:00:02:EA  
 2014-12-15 07:44:00.410 Disk Size: 20000669696  
 2014-12-15 07:44:00.410 Percent of 1177 data files in use: 48.3  
 2014-12-15 07:44:00.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-15 07:44:00.410 Channel Sensitivities (uV per count):  
 2014-12-15 07:44:00.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-15 07:44:00.410 Digitizer Calibration Results:  
 2014-12-15 07:44:00.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-15 07:44:00.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-15 07:44:00.410 DMU1 Software Version=10  
 2014-12-15 07:44:00.410 Supply Voltage=12.7  
 2014-12-15 07:44:00.410 Supply Current=0.40  
 2014-12-15 07:44:00.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-15 07:44:00.410 webLink Data Maps Restored  
 2014-12-15 07:44:00.410 [2014-12-14 19:43:04.999998] sequence resumes: 21836294 to  
 21836294  
 2014-12-15 07:44:00.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-15 07:43:59  
 2014-12-15 07:45:56.410 [2014-12-15 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-12-15 07:49:45.120 Reducing Status Polling Interval  
 2014-12-15 07:49:45.120 [2014-12-15 07:49:44.999998] total packets received: 52364  
 2014-12-15 07:49:45.120 [2014-12-15 07:49:44.999998] command timeouts: 6  
 2014-12-15 07:49:45.120 [2014-12-15 07:49:44.999998] out of window: 70  
 2014-12-15 07:49:45.120 written: HHZ-1177 HH1-1428 HH2-1417 BDH-438 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-12-15 07:49:45.120 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-12-15 07:49:45.120 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2014-12-15 07:49:45.120 [2014-12-15 07:49:44.999998] Done: 4603 recs. seq end:  
 21879894. run: 340 s  
 2014-12-15 19:50:38.400  
 2014-12-15 19:50:38.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-15 19:50:38.400 Control Port 2491 Opened  
 2014-12-15 19:50:38.400 Baler ready on Ethernet  
 2014-12-15 19:50:38.400 Power Cycled Baler Acknowledged  
 2014-12-15 19:50:38.400 Commands Accepted by Q330  
 2014-12-15 19:50:38.400 Access timeout: 300 sec  
 2014-12-15 19:50:38.400 Control Port 4023 Opened  
 2014-12-15 19:50:38.400 Data Port 4024 Opened  
 2014-12-15 19:50:38.400 Registered with Q330  
 2014-12-15 19:50:38.400 Combination Record Received  
 2014-12-15 19:50:38.400 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-15 19:50:38.400 Link Reset, starting window sequence: 4434  
 2014-12-15 19:50:38.400 GPS Receiver ID Received  
 2014-12-15 19:50:38.400 Manufacturer's Data Received, Property Tag=2017  
 2014-12-15 19:50:38.400 Digitizer Gain & Offsets Received  
 2014-12-15 19:50:38.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4603 recs.  
 seq end: 21879894  
 2014-12-15 19:50:38.400 Baler clock set to 2014-12-15 19:50:37  
 2014-12-15 19:50:38.400 Starting to Read DP Tokens

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2014-12-15 19:50:38.400 DP Tokens loaded, size=1474 bytes
2014-12-15 19:50:38.400 Webserver advertising 192.168.200.119:5380
2014-12-15 19:50:38.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-15 19:50:38.400 filters & delay HH1:2@100,Linear all=0.320000
2014-12-15 19:50:38.400 filters & delay HH2:3@100,Linear all=0.320000
2014-12-15 19:50:38.400 filters & delay BDH:4@20,Linear all=1.650000
2014-12-15 19:50:38.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-15 19:50:38.400 filters & delay LH1:2@1,Linear all=15.000000
2014-12-15 19:50:38.400 filters & delay LH2:3@1,Linear all=15.000000
2014-12-15 19:50:38.400 filters & delay LDH:4@1,Linear all=15.000000
2014-12-15 19:50:38.400 [2014-12-15 07:49:44.999998] continuity found: 21879894
471944985.000000 Q=100
2014-12-15 19:50:38.400 [2014-12-15 07:49:44.999998] restoring continuity
2014-12-15 19:50:38.400 Sending DT_OPEN
2014-12-15 19:50:38.400 Station: XX-2017
2014-12-15 19:50:38.400 Q330 Serial Number: 0100000DB18FC351
2014-12-15 19:50:38.400 AMB Serial Number: 0100000B6909DD82
2014-12-15 19:50:38.400 Seismo 1 Serial Number: 0000000000000000
2014-12-15 19:50:38.400 Seismo 2 Serial Number: 0000000000000000
2014-12-15 19:50:38.400 QAPCHP 1 Serial Number: 4643206
2014-12-15 19:50:38.400 QAPCHP 2 Serial Number: 3743050
2014-12-15 19:50:38.400 KMI Property Tag Number: 2017
2014-12-15 19:50:38.400 System Software Version: 1.146
2014-12-15 19:50:38.400 Slave Processor Version: 1.11
2014-12-15 19:50:38.400 Calibrator Type: QCAL330
2014-12-15 19:50:38.400 Calibrator Version: 1.8
2014-12-15 19:50:38.400 Auxiliary Board Type: None
2014-12-15 19:50:38.400 Clock Type: Motorola M12
2014-12-15 19:50:38.400 PLD Version: 7.9
2014-12-15 19:50:38.400 Total Hours: 71232.40
2014-12-15 19:50:38.400 Power On Hours: 35862.79
2014-12-15 19:50:38.400 Time of Last Boot: 2014-04-06 02:03:58
2014-12-15 19:50:38.400 Total Number of Boots: 120
2014-12-15 19:50:38.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-15 19:50:38.400 Total Number of Re-Syncs: 213
2014-12-15 19:50:38.400 Status Inputs: 00000000
2014-12-15 19:50:38.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-15 19:50:38.400 Clock Quality: 100%
2014-12-15 19:50:38.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-15 19:50:38.400 Clock Phase: 0 usec. max allowed=50000
2014-12-15 19:50:38.400 Boom positions:
2014-12-15 19:50:38.400 Ch1: -2 Ch2: -9 Ch3: 13 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-15 19:50:38.400 Analog Status
2014-12-15 19:50:38.400 Analog Positive Supply: 5.46V
2014-12-15 19:50:38.400 Input Voltage: 13.20V
2014-12-15 19:50:38.400 System Temperature: 5C
2014-12-15 19:50:38.400 Main Current: 63ma
2014-12-15 19:50:38.400 Antenna Current: 0ma
2014-12-15 19:50:38.400 GPS Status
2014-12-15 19:50:38.400 Time: 19:50:37
2014-12-15 19:50:38.400 Date:
2014-12-15 19:50:38.400 Fix Type: 1-D
2014-12-15 19:50:38.400 Height:
2014-12-15 19:50:38.400 Latitude:
2014-12-15 19:50:38.400 Longitude:
2014-12-15 19:50:38.400 On Time: 0min
2014-12-15 19:50:38.400 Sat. Used: 0
2014-12-15 19:50:38.400 In View: 0
2014-12-15 19:50:38.400 Checksum Errors: 0
2014-12-15 19:50:38.400 Last GPS timemark: 2014-12-15 19:50:36
2014-12-15 19:50:38.400 PLL Status
2014-12-15 19:50:38.400 State: Lock
2014-12-15 19:50:38.400 Initial VCO: 2200.178223

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2014-12-15 19:50:38.400 Time Error: 0.000000  
 2014-12-15 19:50:38.400 RMS VCO: 0.0000000  
 2014-12-15 19:50:38.400 Best VCO: 2200.23  
 2014-12-15 19:50:38.400 Seconds Since Track or Lock: 0.0  
 2014-12-15 19:50:38.400 Vco Control: 2200  
 2014-12-15 19:50:38.400 timing mode: external seascan  
 2014-12-15 19:50:38.400 tempco normal  
 2014-12-15 19:50:38.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-15 19:50:38.400 Pfrac: 150.00  
 2014-12-15 19:50:38.400 VCO slope: -0.0175000  
 2014-12-15 19:50:38.400 VCO intercept: 7.1100001  
 2014-12-15 19:50:38.400 km delta: 600.0000000  
 2014-12-15 19:50:38.400 Logical Port 4 Status  
 2014-12-15 19:50:38.400 Data Packets Sent: 25303937  
 2014-12-15 19:50:38.400 Flood Packets Sent: 0  
 2014-12-15 19:50:38.400 Packets Re-Sent: 40269  
 2014-12-15 19:50:38.400 Sequence Errors: 0  
 2014-12-15 19:50:38.400 Packet Buffer Used: 21803692  
 2014-12-15 19:50:38.400 Physical Port: Ethernet  
 2014-12-15 19:50:38.400 Baler Model: 14 Software Version: 2.28  
 2014-12-15 19:50:38.400 MAC Address: 00:04:FB:00:02:EA  
 2014-12-15 19:50:38.400 Disk Size: 20000669696  
 2014-12-15 19:50:38.400 Percent of 1177 data files in use: 48.3  
 2014-12-15 19:50:38.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-15 19:50:38.400 Channel Sensitivities (uV per count):  
 2014-12-15 19:50:38.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-15 19:50:38.400 Digitizer Calibration Results:  
 2014-12-15 19:50:38.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-15 19:50:38.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-15 19:50:38.400 Supply Voltage=12.6  
 2014-12-15 19:50:38.400 Supply Current=0.41  
 2014-12-15 19:50:38.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-15 19:50:38.400 WebLink Data Maps Restored  
 2014-12-15 19:50:38.400 [2014-12-15 07:49:44.999998] sequence resumes: 21879894 to  
 21879894  
 2014-12-15 19:50:38.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-15 19:50:37  
 2014-12-15 19:56:07.840 [2014-12-15 19:53:47.000000] total packets received: 48850  
 2014-12-15 19:56:07.840 [2014-12-15 19:53:47.000000] command timeouts: 6  
 2014-12-15 19:56:07.840 [2014-12-15 19:53:47.000000] out of window: 66  
 2014-12-15 19:56:07.840 written: HHZ-1164 HH1-1381 HH2-1287 BDH-429 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2014-12-15 19:56:07.840 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2014-12-15 19:56:07.840 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-15 19:56:07.840 [2014-12-15 19:53:47.000000] Done: 4394 recs. seq end:  
 21923336. run: 325 s  
 2014-12-16 07:57:01.390  
 2014-12-16 07:57:01.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-16 07:57:01.390 Control Port 2491 Opened  
 2014-12-16 07:57:01.390 Baler ready on Ethernet  
 2014-12-16 07:57:01.390 Power Cycled Baler Acknowledged  
 2014-12-16 07:57:01.390 Commands Accepted by Q330  
 2014-12-16 07:57:01.390 Access timeout: 300 sec  
 2014-12-16 07:57:01.390 Control Port 4023 Opened  
 2014-12-16 07:57:01.390 Data Port 4024 Opened  
 2014-12-16 07:57:01.390 Registered with Q330  
 2014-12-16 07:57:01.390 Combination Record Received  
 2014-12-16 07:57:01.390 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-16 07:57:01.390 Link Reset, starting window sequence: 53183  
 2014-12-16 07:57:01.390 GPS Receiver ID Received  
 2014-12-16 07:57:01.390 Manufacturer's Data Received, Property Tag=2017  
 2014-12-16 07:57:01.390 Digitizer Gain & Offsets Received



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2014-12-16 07:57:01.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4394 recs.
seq end: 21923336
2014-12-16 07:57:01.390 Baler clock set to 2014-12-16 07:57:00
2014-12-16 07:57:01.390 Starting to Read DP Tokens
2014-12-16 07:57:01.390 DP Tokens loaded, size=1474 bytes
2014-12-16 07:57:01.390 webserver advertising 192.168.200.119:5380
2014-12-16 07:57:01.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-16 07:57:01.390 filters & delay HH1:2@100,Linear all=0.320000
2014-12-16 07:57:01.390 filters & delay HH2:3@100,Linear all=0.320000
2014-12-16 07:57:01.390 filters & delay BDH:4@20,Linear all=1.650000
2014-12-16 07:57:01.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-16 07:57:01.390 filters & delay LH1:2@1,Linear all=15.000000
2014-12-16 07:57:01.390 filters & delay LH2:3@1,Linear all=15.000000
2014-12-16 07:57:01.390 filters & delay LDH:4@1,Linear all=15.000000
2014-12-16 07:57:01.390 [2014-12-15 19:53:47.000000] continuity found: 21923336
471988427.000000 Q=100
2014-12-16 07:57:01.390 [2014-12-15 19:53:47.000000] restoring continuity
2014-12-16 07:57:01.390 Sending DT_OPEN
2014-12-16 07:57:01.390 Station: XX-2017
2014-12-16 07:57:01.390 Q330 Serial Number: 0100000DB18FC351
2014-12-16 07:57:01.390 AMB Serial Number: 0100000B6909DD82
2014-12-16 07:57:01.390 Seismo 1 Serial Number: 0000000000000000
2014-12-16 07:57:01.390 Seismo 2 Serial Number: 0000000000000000
2014-12-16 07:57:01.390 QAPCHP 1 Serial Number: 4643206
2014-12-16 07:57:01.390 QAPCHP 2 Serial Number: 3743050
2014-12-16 07:57:01.390 KMI Property Tag Number: 2017
2014-12-16 07:57:01.390 System Software Version: 1.146
2014-12-16 07:57:01.390 Slave Processor Version: 1.11
2014-12-16 07:57:01.390 Calibrator Type: QCAL330
2014-12-16 07:57:01.390 Calibrator Version: 1.8
2014-12-16 07:57:01.390 Auxiliary Board Type: None
2014-12-16 07:57:01.390 Clock Type: Motorola M12
2014-12-16 07:57:01.390 PLD Version: 7.9
2014-12-16 07:57:01.390 Total Hours: 71244.51
2014-12-16 07:57:01.390 Power On Hours: 35874.89
2014-12-16 07:57:01.390 Time of Last Boot: 2014-04-06 02:03:58
2014-12-16 07:57:01.390 Total Number of Boots: 120
2014-12-16 07:57:01.390 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-16 07:57:01.390 Total Number of Re-Syncs: 213
2014-12-16 07:57:01.390 Status Inputs: 00000000
2014-12-16 07:57:01.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-16 07:57:01.390 Clock Quality: 100%
2014-12-16 07:57:01.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-16 07:57:01.390 Clock Phase: 0 usec. max allowed=50000
2014-12-16 07:57:01.390 Boom positions:
2014-12-16 07:57:01.390 ch1: -2 ch2: -9 ch3: 14 ch4: 20 ch5: 20 ch6: 20
2014-12-16 07:57:01.390 Analog Status
2014-12-16 07:57:01.390 Analog Positive Supply: 5.46V
2014-12-16 07:57:01.390 Input Voltage: 13.35V
2014-12-16 07:57:01.390 System Temperature: 5C
2014-12-16 07:57:01.390 Main Current: 62ma
2014-12-16 07:57:01.390 Antenna Current: 0ma
2014-12-16 07:57:01.390 GPS Status
2014-12-16 07:57:01.390 Time: 07:57:00
2014-12-16 07:57:01.390 Date:
2014-12-16 07:57:01.390 Fix Type: 1-D
2014-12-16 07:57:01.390 Height:
2014-12-16 07:57:01.390 Latitude:
2014-12-16 07:57:01.390 Longitude:
2014-12-16 07:57:01.390 On Time: 0min
2014-12-16 07:57:01.390 Sat. Used: 0
2014-12-16 07:57:01.390 In View: 0
2014-12-16 07:57:01.390 Checksum Errors: 0

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2014-12-16 07:57:01.390 Last GPS timemark: 2014-12-16 07:56:59  
 2014-12-16 07:57:01.390 PLL Status  
 2014-12-16 07:57:01.390 State: Lock  
 2014-12-16 07:57:01.390 Initial VCO: 2200.216553  
 2014-12-16 07:57:01.390 Time Error: -0.000001  
 2014-12-16 07:57:01.390 RMS VCO: 0.000000  
 2014-12-16 07:57:01.390 Best VCO: 2200.43  
 2014-12-16 07:57:01.390 Seconds Since Track or Lock: 0.0  
 2014-12-16 07:57:01.390 Vco Control: 2201  
 2014-12-16 07:57:01.390 timing mode: external seascan  
 2014-12-16 07:57:01.390 tempco normal  
 2014-12-16 07:57:01.390 PLL update: 10s PLL lock criterion: 5us  
 2014-12-16 07:57:01.390 Pfrac: 150.00  
 2014-12-16 07:57:01.390 VCO slope: -0.0175000  
 2014-12-16 07:57:01.390 VCO intercept: 7.1100001  
 2014-12-16 07:57:01.390 km delta: 600.000000  
 2014-12-16 07:57:01.390 Logical Port 4 Status  
 2014-12-16 07:57:01.390 Data Packets Sent: 25352691  
 2014-12-16 07:57:01.390 Flood Packets Sent: 0  
 2014-12-16 07:57:01.390 Packets Re-Sent: 40355  
 2014-12-16 07:57:01.390 Sequence Errors: 0  
 2014-12-16 07:57:01.390 Packet Buffer Used: 20899988  
 2014-12-16 07:57:01.390 Physical Port: Ethernet  
 2014-12-16 07:57:01.390 Baler Model: 14 Software Version: 2.28  
 2014-12-16 07:57:01.390 MAC Address: 00:04:FB:00:02:EA  
 2014-12-16 07:57:01.390 Disk Size: 20000669696  
 2014-12-16 07:57:01.390 Percent of 1177 data files in use: 48.3  
 2014-12-16 07:57:01.390 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-16 07:57:01.390 Channel Sensitivities (uV per count):  
 2014-12-16 07:57:01.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-16 07:57:01.390 Digitizer Calibration Results:  
 2014-12-16 07:57:01.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-16 07:57:01.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-16 07:57:01.390 DMU1 Software Version=10  
 2014-12-16 07:57:01.390 Supply Voltage=12.7  
 2014-12-16 07:57:01.390 Supply Current=0.41  
 2014-12-16 07:57:01.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-16 07:57:01.390 webLink Data Maps Restored  
 2014-12-16 07:57:01.390 [2014-12-15 19:53:47.000000] sequence resumes: 21923336 to  
 21923336  
 2014-12-16 07:57:01.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-16 07:57:00  
 2014-12-16 07:58:48.170 [2014-12-16 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-12-16 08:02:10.240 [2014-12-16 07:54:40.000001] total packets received: 43843  
 2014-12-16 08:02:10.240 [2014-12-16 07:54:40.000001] command timeouts: 6  
 2014-12-16 08:02:10.240 [2014-12-16 07:54:40.000001] out of window: 53  
 2014-12-16 08:02:10.240 written: HHZ-1102 HH1-1265 HH2-1237 BDH-409 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-16 08:02:10.240 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-12-16 08:02:10.240 written: VM2-2 LOG-3 ACE-2 OCF-2  
 2014-12-16 08:02:10.240 [2014-12-16 07:54:40.000001] Done: 4155 recs. seq end:  
 21966589. run: 305 s  
 2014-12-16 20:03:04.400  
 2014-12-16 20:03:04.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-16 20:03:04.400 Control Port 2491 Opened  
 2014-12-16 20:03:04.400 Baler ready on Ethernet  
 2014-12-16 20:03:04.400 Power Cycled Baler Acknowledged  
 2014-12-16 20:03:04.400 Commands Accepted by Q330  
 2014-12-16 20:03:04.400 Access timeout: 300 sec  
 2014-12-16 20:03:04.400 Control Port 4023 Opened  
 2014-12-16 20:03:04.400 Data Port 4024 Opened

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2014-12-16 20:03:04.400 Registered with Q330  
 2014-12-16 20:03:04.400 Combination Record Received  
 2014-12-16 20:03:04.400 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-16 20:03:04.400 Link Reset, starting window sequence: 31403  
 2014-12-16 20:03:04.400 GPS Receiver ID Received  
 2014-12-16 20:03:04.400 Manufacturer's Data Received, Property Tag=2017  
 2014-12-16 20:03:04.400 Digitizer Gain & Offsets Received  
 2014-12-16 20:03:04.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4155 recs.  
 seq end: 21966589  
 2014-12-16 20:03:04.400 Baler clock set to 2014-12-16 20:03:03  
 2014-12-16 20:03:04.400 Starting to Read DP Tokens  
 2014-12-16 20:03:04.400 DP Tokens loaded, size=1474 bytes  
 2014-12-16 20:03:04.400 webserver advertising 192.168.200.119:5380  
 2014-12-16 20:03:04.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-16 20:03:04.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-16 20:03:04.400 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-16 20:03:04.400 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-16 20:03:04.400 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-16 20:03:04.400 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-16 20:03:04.400 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-16 20:03:04.400 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-16 20:03:04.400 [2014-12-16 07:54:40.000001] continuity found: 21966589  
 472031680.000000 Q=100  
 2014-12-16 20:03:04.400 [2014-12-16 07:54:40.000001] restoring continuity  
 2014-12-16 20:03:04.400 Sending DT\_OPEN  
 2014-12-16 20:03:04.400 Station: XX-2017  
 2014-12-16 20:03:04.400 Q330 Serial Number: 0100000DB18FC351  
 2014-12-16 20:03:04.400 AMB Serial Number: 0100000B6909DD82  
 2014-12-16 20:03:04.400 Seismo 1 Serial Number: 0000000000000000  
 2014-12-16 20:03:04.400 Seismo 2 Serial Number: 0000000000000000  
 2014-12-16 20:03:04.400 QAPCHP 1 Serial Number: 4643206  
 2014-12-16 20:03:04.400 QAPCHP 2 Serial Number: 3743050  
 2014-12-16 20:03:04.400 KMI Property Tag Number: 2017  
 2014-12-16 20:03:04.400 System Software Version: 1.146  
 2014-12-16 20:03:04.400 Slave Processor Version: 1.11  
 2014-12-16 20:03:04.400 Calibrator Type: QCAL330  
 2014-12-16 20:03:04.400 Calibrator Version: 1.8  
 2014-12-16 20:03:04.400 Auxiliary Board Type: None  
 2014-12-16 20:03:04.400 Clock Type: Motorola M12  
 2014-12-16 20:03:04.400 PLD Version: 7.9  
 2014-12-16 20:03:04.400 Total Hours: 71256.61  
 2014-12-16 20:03:04.400 Power On Hours: 35887.00  
 2014-12-16 20:03:04.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-16 20:03:04.400 Total Number of Boots: 120  
 2014-12-16 20:03:04.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-16 20:03:04.400 Total Number of Re-Syncs: 213  
 2014-12-16 20:03:04.400 Status Inputs: 00000000  
 2014-12-16 20:03:04.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-16 20:03:04.400 Clock Quality: 100%  
 2014-12-16 20:03:04.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-16 20:03:04.400 Clock Phase: 0 usec. max allowed=50000  
 2014-12-16 20:03:04.400 ch1: -2 ch2: -8 ch3: 15 ch4: 20 ch5: 20 ch6: 20  
 2014-12-16 20:03:04.400 Analog Status  
 2014-12-16 20:03:04.400 Analog Positive Supply: 5.46V  
 2014-12-16 20:03:04.400 Input Voltage: 13.35V  
 2014-12-16 20:03:04.400 System Temperature: 5C  
 2014-12-16 20:03:04.400 Main Current: 62ma  
 2014-12-16 20:03:04.400 Antenna Current: 0ma  
 2014-12-16 20:03:04.400 GPS Status  
 2014-12-16 20:03:04.400 Time: 20:03:03  
 2014-12-16 20:03:04.400 Date:  
 2014-12-16 20:03:04.400 Fix Type: 1-D  
 2014-12-16 20:03:04.400 Height:

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2014-12-16 20:03:04.400 Latitude:  
 2014-12-16 20:03:04.400 Longitude:  
 2014-12-16 20:03:04.400 On Time: 0min  
 2014-12-16 20:03:04.400 Sat. Used: 0  
 2014-12-16 20:03:04.400 In View: 0  
 2014-12-16 20:03:04.400 Checksum Errors: 0  
 2014-12-16 20:03:04.400 Last GPS timemark: 2014-12-16 20:03:02  
 2014-12-16 20:03:04.400 PLL Status  
 2014-12-16 20:03:04.400 State: Lock  
 2014-12-16 20:03:04.400 Initial VCO: 2199.999756  
 2014-12-16 20:03:04.400 Time Error: 0.000000  
 2014-12-16 20:03:04.400 RMS VCO: 0.000000  
 2014-12-16 20:03:04.400 Best VCO: 2200.00  
 2014-12-16 20:03:04.400 Seconds Since Track or Lock: 0.0  
 2014-12-16 20:03:04.400 Vco Control: 2200  
 2014-12-16 20:03:04.400 timing mode: external seascan  
 2014-12-16 20:03:04.400 tempco normal  
 2014-12-16 20:03:04.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-16 20:03:04.400 Pfrac: 150.00  
 2014-12-16 20:03:04.400 VCO slope: -0.0175000  
 2014-12-16 20:03:04.400 VCO intercept: 7.1100001  
 2014-12-16 20:03:04.400 Km delta: 600.0000000  
 2014-12-16 20:03:04.400 Logical Port 4 Status  
 2014-12-16 20:03:04.400 Data Packets Sent: 25396452  
 2014-12-16 20:03:04.400 Flood Packets Sent: 0  
 2014-12-16 20:03:04.400 Packets Re-Sent: 40429  
 2014-12-16 20:03:04.400 Sequence Errors: 0  
 2014-12-16 20:03:04.400 Packet Buffer Used: 21298892  
 2014-12-16 20:03:04.400 Physical Port: Ethernet  
 2014-12-16 20:03:04.400 Baler Model: 14 Software Version: 2.28  
 2014-12-16 20:03:04.400 MAC Address: 00:04:FB:00:02:EA  
 2014-12-16 20:03:04.400 Disk Size: 20000669696  
 2014-12-16 20:03:04.400 Percent of 1177 data files in use: 48.5  
 2014-12-16 20:03:04.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-16 20:03:04.400 Channel Sensitivities (uV per count):  
 2014-12-16 20:03:04.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-16 20:03:04.400 Digitizer Calibration Results:  
 2014-12-16 20:03:04.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-16 20:03:04.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-16 20:03:04.400 DMU1 Software Version=10  
 2014-12-16 20:03:04.400 Supply Voltage=12.7  
 2014-12-16 20:03:04.400 Supply Current=0.40  
 2014-12-16 20:03:04.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-16 20:03:04.400 webLink Data Maps Restored  
 2014-12-16 20:03:04.400 [2014-12-16 07:54:40.000001] sequence resumes: 21966589 to  
 21966589  
 2014-12-16 20:03:04.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-16 20:03:03  
 2014-12-16 20:04:22.060 Reducing Status Polling Interval  
 2014-12-16 20:08:18.410 [2014-12-16 19:59:25.000000] total packets received: 44126  
 2014-12-16 20:08:18.410 [2014-12-16 19:59:25.000000] command timeouts: 6  
 2014-12-16 20:08:18.410 [2014-12-16 19:59:25.000000] out of window: 53  
 2014-12-16 20:08:18.410 written: HHZ-1075 HH1-1315 HH2-1296 BDH-417 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-16 20:08:18.410 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-12-16 20:08:18.410 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1  
 2014-12-16 20:08:18.410 [2014-12-16 19:59:25.000000] Done: 4241 recs. seq end:  
 22010074. run: 310 s  
 2014-12-17 08:09:12.400  
 2014-12-17 08:09:12.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-17 08:09:12.400 Control Port 2491 Opened  
 2014-12-17 08:09:12.400 Baler ready on Ethernet

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2014-12-17 08:09:12.400 Power Cycled Baler Acknowledged
2014-12-17 08:09:12.400 Commands Accepted by Q330
2014-12-17 08:09:12.400 Access timeout: 300 sec
2014-12-17 08:09:12.400 Control Port 4023 Opened
2014-12-17 08:09:12.400 Data Port 4024 Opened
2014-12-17 08:09:12.400 Registered with Q330
2014-12-17 08:09:12.400 Combination Record Received
2014-12-17 08:09:12.400 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-17 08:09:12.400 Link Reset, starting window sequence: 9871
2014-12-17 08:09:12.400 GPS Receiver ID Received
2014-12-17 08:09:12.400 Manufacturer's Data Received, Property Tag=2017
2014-12-17 08:09:12.400 Digitizer Gain & Offsets Received
2014-12-17 08:09:12.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4241 recs.
seq end: 22010074
2014-12-17 08:09:12.400 Baler clock set to 2014-12-17 08:09:11
2014-12-17 08:09:12.400 Starting to Read DP Tokens
2014-12-17 08:09:12.400 DP Tokens loaded, size=1474 bytes
2014-12-17 08:09:12.400 Webserver advertising 192.168.200.119:5380
2014-12-17 08:09:12.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-17 08:09:12.400 filters & delay HH1:2@100,Linear all=0.320000
2014-12-17 08:09:12.400 filters & delay HH2:3@100,Linear all=0.320000
2014-12-17 08:09:12.400 filters & delay BDH:4@20,Linear all=1.650000
2014-12-17 08:09:12.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-17 08:09:12.400 filters & delay LH1:2@1,Linear all=15.000000
2014-12-17 08:09:12.400 filters & delay LH2:3@1,Linear all=15.000000
2014-12-17 08:09:12.400 filters & delay LDH:4@1,Linear all=15.000000
2014-12-17 08:09:12.400 [2014-12-16 19:59:25.000000] continuity found: 22010074
472075165.000000 Q=100
2014-12-17 08:09:12.400 [2014-12-16 19:59:25.000000] restoring continuity
2014-12-17 08:09:12.400 Sending DT_OPEN
2014-12-17 08:09:12.400 Station: XX-2017
2014-12-17 08:09:12.400 Q330 Serial Number: 0100000DB18FC351
2014-12-17 08:09:12.400 AMB Serial Number: 0100000B6909DD82
2014-12-17 08:09:12.400 Seismo 1 Serial Number: 0000000000000000
2014-12-17 08:09:12.400 Seismo 2 Serial Number: 0000000000000000
2014-12-17 08:09:12.400 QAPCHP 1 Serial Number: 4643206
2014-12-17 08:09:12.400 QAPCHP 2 Serial Number: 3743050
2014-12-17 08:09:12.400 KMI Property Tag Number: 2017
2014-12-17 08:09:12.400 System Software Version: 1.146
2014-12-17 08:09:12.400 Slave Processor Version: 1.11
2014-12-17 08:09:12.400 Calibrator Type: QCAL330
2014-12-17 08:09:12.400 Calibrator Version: 1.8
2014-12-17 08:09:12.400 Auxiliary Board Type: None
2014-12-17 08:09:12.400 Clock Type: Motorola M12
2014-12-17 08:09:12.400 PLD Version: 7.9
2014-12-17 08:09:12.400 Total Hours: 71268.71
2014-12-17 08:09:12.400 Power On Hours: 35899.10
2014-12-17 08:09:12.400 Time of Last Boot: 2014-04-06 02:03:58
2014-12-17 08:09:12.400 Total Number of Boots: 120
2014-12-17 08:09:12.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-17 08:09:12.400 Total Number of Re-Syncs: 213
2014-12-17 08:09:12.400 Status Inputs: 00000000
2014-12-17 08:09:12.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-17 08:09:12.400 Clock Quality: 100%
2014-12-17 08:09:12.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-17 08:09:12.400 Clock Phase: 0 usec. max allowed=50000
2014-12-17 08:09:12.400 Boom positions:
2014-12-17 08:09:12.400 ch1: -2 ch2: 5 ch3: -5 ch4: 20 ch5: 20 ch6: 20
2014-12-17 08:09:12.400 Analog Status
2014-12-17 08:09:12.400 Analog Positive Supply: 5.46V
2014-12-17 08:09:12.400 Input Voltage: 13.35V
2014-12-17 08:09:12.400 System Temperature: 5C
2014-12-17 08:09:12.400 Main Current: 62ma

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2014-12-17 08:09:12.400 Antenna Current: 0ma  
 2014-12-17 08:09:12.400 GPS Status  
 2014-12-17 08:09:12.400 Time: 08:09:11  
 2014-12-17 08:09:12.400 Date:  
 2014-12-17 08:09:12.400 Fix Type: 1-D  
 2014-12-17 08:09:12.400 Height:  
 2014-12-17 08:09:12.400 Latitude:  
 2014-12-17 08:09:12.400 Longitude:  
 2014-12-17 08:09:12.400 On Time: 0min  
 2014-12-17 08:09:12.400 Sat. Used: 0  
 2014-12-17 08:09:12.400 In View: 0  
 2014-12-17 08:09:12.400 Checksum Errors: 0  
 2014-12-17 08:09:12.400 Last GPS timemark: 2014-12-17 08:09:10  
 2014-12-17 08:09:12.400 PLL Status  
 2014-12-17 08:09:12.400 State: Lock  
 2014-12-17 08:09:12.400 Initial VCO: 2200.000000  
 2014-12-17 08:09:12.400 Time Error: 0.000000  
 2014-12-17 08:09:12.400 RMS VCO: 0.0000000  
 2014-12-17 08:09:12.400 Best VCO: 2200.00  
 2014-12-17 08:09:12.400 Seconds Since Track or Lock: 0.0  
 2014-12-17 08:09:12.400 Vco Control: 2200  
 2014-12-17 08:09:12.400 timing mode: external seascan  
 2014-12-17 08:09:12.400 tempco normal  
 2014-12-17 08:09:12.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-17 08:09:12.400 Pfrac: 150.00  
 2014-12-17 08:09:12.400 VCO slope: -0.0175000  
 2014-12-17 08:09:12.400 VCO intercept: 7.1100001  
 2014-12-17 08:09:12.400 Km delta: 600.0000000  
 2014-12-17 08:09:12.400 Logical Port 4 Status  
 2014-12-17 08:09:12.400 Data Packets Sent: 25440461  
 2014-12-17 08:09:12.400 Flood Packets Sent: 0  
 2014-12-17 08:09:12.400 Packets Re-Sent: 40502  
 2014-12-17 08:09:12.400 Sequence Errors: 0  
 2014-12-17 08:09:12.400 Packet Buffer Used: 22849584  
 2014-12-17 08:09:12.400 Physical Port: Ethernet  
 2014-12-17 08:09:12.400 Baler Model: 14 Software Version: 2.28  
 2014-12-17 08:09:12.400 MAC Address: 00:04:FB:00:02:EA  
 2014-12-17 08:09:12.400 Disk Size: 20000669696  
 2014-12-17 08:09:12.400 Percent of 1177 data files in use: 48.6  
 2014-12-17 08:09:12.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-17 08:09:12.400 Channel Sensitivities (uV per count):  
 2014-12-17 08:09:12.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-17 08:09:12.400 Digitizer Calibration Results:  
 2014-12-17 08:09:12.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-17 08:09:12.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-17 08:09:12.400 DMU1 Software Version=10  
 2014-12-17 08:09:12.400 Supply Voltage=12.7  
 2014-12-17 08:09:12.400 Supply Current=0.41  
 2014-12-17 08:09:12.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-17 08:09:12.400 WebLink Data Maps Restored  
 2014-12-17 08:09:12.400 [2014-12-16 19:59:25.000000] sequence resumes: 22010074 to  
 22010074  
 2014-12-17 08:09:12.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-17 08:09:11  
 2014-12-17 08:10:59.670 [2014-12-17 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-12-17 08:14:47.770 Reducing Status Polling Interval  
 2014-12-17 08:14:47.770 [2014-12-17 08:14:46.999998] total packets received: 48504  
 2014-12-17 08:14:47.770 [2014-12-17 08:14:46.999998] command timeouts: 6  
 2014-12-17 08:14:47.770 [2014-12-17 08:14:46.999998] out of window: 53  
 2014-12-17 08:14:47.770 written: HHZ-1182 HH1-1477 HH2-1417 BDH-448 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-12-17 08:14:47.770 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26

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VMZ-1 VM1-1
2014-12-17 08:14:47.770 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-12-17 08:14:47.770 [2014-12-17 08:14:46.999998] Done: 4664 recs. seq end:
22054196. run: 331 s
2014-12-17 20:15:41.380
2014-12-17 20:15:41.380 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-17 20:15:41.380 Control Port 2491 Opened
2014-12-17 20:15:41.380 Baler ready on Ethernet
2014-12-17 20:15:41.380 Power Cycled Baler Acknowledged
2014-12-17 20:15:41.380 Commands Accepted by Q330
2014-12-17 20:15:41.380 Access timeout: 300 sec
2014-12-17 20:15:41.380 Control Port 4023 Opened
2014-12-17 20:15:41.380 Data Port 4024 Opened
2014-12-17 20:15:41.380 Registered with Q330
2014-12-17 20:15:41.380 Combination Record Received
2014-12-17 20:15:41.380 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-17 20:15:41.380 Link Reset, starting window sequence: 58286
2014-12-17 20:15:41.380 GPS Receiver ID Received
2014-12-17 20:15:41.380 Manufacturer's Data Received, Property Tag=2017
2014-12-17 20:15:41.380 Msg From 192.168.200.119:Baler XX-2017 readback. 4664 recs.
seq end: 22054196
2014-12-17 20:15:41.380 Baler clock set to 2014-12-17 20:15:40
2014-12-17 20:15:41.380 Starting to Read DP Tokens
2014-12-17 20:15:41.380 DP Tokens loaded, size=1474 bytes
2014-12-17 20:15:41.380 Webserver advertising 192.168.200.119:5380
2014-12-17 20:15:41.380 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-17 20:15:41.380 filters & delay HH1:2@100,Linear all=0.320000
2014-12-17 20:15:41.380 filters & delay HH2:3@100,Linear all=0.320000
2014-12-17 20:15:41.380 filters & delay BDH:4@20,Linear all=1.650000
2014-12-17 20:15:41.380 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-17 20:15:41.380 filters & delay LH1:2@1,Linear all=15.000000
2014-12-17 20:15:41.380 filters & delay LH2:3@1,Linear all=15.000000
2014-12-17 20:15:41.380 filters & delay LDH:4@1,Linear all=15.000000
2014-12-17 20:15:41.380 [2014-12-17 08:14:46.999998] continuity found: 22054196
472119287.000000 Q=100
2014-12-17 20:15:41.380 [2014-12-17 08:14:46.999998] restoring continuity
2014-12-17 20:15:41.380 Sending DT_OPEN
2014-12-17 20:15:41.380 Station: XX-2017
2014-12-17 20:15:41.380 Q330 Serial Number: 0100000DB18FC351
2014-12-17 20:15:41.380 AMB Serial Number: 0100000B6909DD82
2014-12-17 20:15:41.380 Seismo 1 Serial Number: 0000000000000000
2014-12-17 20:15:41.380 Seismo 2 Serial Number: 0000000000000000
2014-12-17 20:15:41.380 QAPCHP 1 Serial Number: 4643206
2014-12-17 20:15:41.380 QAPCHP 2 Serial Number: 3743050
2014-12-17 20:15:41.380 KMI Property Tag Number: 2017
2014-12-17 20:15:41.380 System Software Version: 1.146
2014-12-17 20:15:41.380 Slave Processor Version: 1.11
2014-12-17 20:15:41.380 Calibrator Type: QCAL330
2014-12-17 20:15:41.380 Calibrator Version: 1.8
2014-12-17 20:15:41.380 Auxiliary Board Type: None
2014-12-17 20:15:41.380 Clock Type: Motorola M12
2014-12-17 20:15:41.380 PLD Version: 7.9
2014-12-17 20:15:41.380 Total Hours: 71280.82
2014-12-17 20:15:41.380 Power On Hours: 35911.21
2014-12-17 20:15:41.380 Time of Last Boot: 2014-04-06 02:03:58
2014-12-17 20:15:41.380 Total Number of Boots: 120
2014-12-17 20:15:41.380 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-17 20:15:41.380 Total Number of Re-Syncs: 213
2014-12-17 20:15:41.380 Status Inputs: 00000000
2014-12-17 20:15:41.380 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-17 20:15:41.380 Clock Quality: 100%
2014-12-17 20:15:41.380 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-17 20:15:41.380 Clock Phase: 0 usec. max allowed=50000

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2014-12-17 20:15:41.380 Boom positions:  
 2014-12-17 20:15:41.380 Ch1: -2 Ch2: 5 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-17 20:15:41.380 Analog Status  
 2014-12-17 20:15:41.380 Analog Positive Supply: 5.46V  
 2014-12-17 20:15:41.380 Input Voltage: 13.35V  
 2014-12-17 20:15:41.380 System Temperature: 5C  
 2014-12-17 20:15:41.380 Main Current: 62ma  
 2014-12-17 20:15:41.380 Antenna Current: 0ma  
 2014-12-17 20:15:41.380 GPS Status  
 2014-12-17 20:15:41.380 Time: 20:15:40  
 2014-12-17 20:15:41.380 Date:  
 2014-12-17 20:15:41.380 Fix Type: 1-D  
 2014-12-17 20:15:41.380 Height:  
 2014-12-17 20:15:41.380 Latitude:  
 2014-12-17 20:15:41.380 Longitude:  
 2014-12-17 20:15:41.380 On Time: 0min  
 2014-12-17 20:15:41.380 Sat. Used: 0  
 2014-12-17 20:15:41.380 In View: 0  
 2014-12-17 20:15:41.380 Checksum Errors: 0  
 2014-12-17 20:15:41.380 Last GPS timemark: 2014-12-17 20:15:39  
 2014-12-17 20:15:41.380 PLL Status  
 2014-12-17 20:15:41.380 State: Lock  
 2014-12-17 20:15:41.380 Initial VCO: 2199.999756  
 2014-12-17 20:15:41.380 Time Error: 0.000000  
 2014-12-17 20:15:41.380 RMS VCO: 0.000000  
 2014-12-17 20:15:41.380 Best VCO: 2200.00  
 2014-12-17 20:15:41.380 Seconds Since Track or Lock: 0.0  
 2014-12-17 20:15:41.380 Vco Control: 2200  
 2014-12-17 20:15:41.380 timing mode: external seascan  
 2014-12-17 20:15:41.380 tempco normal  
 2014-12-17 20:15:41.380 PLL update: 10s PLL lock criterion: 5us  
 2014-12-17 20:15:41.380 Pfrac: 150.00  
 2014-12-17 20:15:41.380 VCO slope: -0.0175000  
 2014-12-17 20:15:41.380 VCO intercept: 7.1100001  
 2014-12-17 20:15:41.380 Km delta: 600.0000000  
 2014-12-17 20:15:41.380 Logical Port 4 Status  
 2014-12-17 20:15:41.380 Data Packets Sent: 25488881  
 2014-12-17 20:15:41.380 Flood Packets Sent: 0  
 2014-12-17 20:15:41.380 Packets Re-Sent: 40571  
 2014-12-17 20:15:41.380 Sequence Errors: 0  
 2014-12-17 20:15:41.380 Packet Buffer Used: 22606904  
 2014-12-17 20:15:41.380 Physical Port: Ethernet  
 2014-12-17 20:15:41.380 Baler Model: 14 Software Version: 2.28  
 2014-12-17 20:15:41.380 MAC Address: 00:04:FB:00:02:EA  
 2014-12-17 20:15:41.380 Disk Size: 20000669696  
 2014-12-17 20:15:41.380 Percent of 1177 data files in use: 48.6  
 2014-12-17 20:15:41.380 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-17 20:15:41.380 Channel Sensitivities (uV per count):  
 2014-12-17 20:15:41.380 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-17 20:15:41.380 Digitizer Calibration Results:  
 2014-12-17 20:15:41.380 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-17 20:15:41.380 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-17 20:15:41.380 DMU1 Software Version=10  
 2014-12-17 20:15:41.380 Supply Voltage=12.7  
 2014-12-17 20:15:41.380 Supply Current=0.40  
 2014-12-17 20:15:41.380 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-17 20:15:41.380 webLink Data Maps Restored  
 2014-12-17 20:15:41.380 [2014-12-17 08:14:46.999998] sequence resumes: 22054196 to 22054196  
 2014-12-17 20:15:41.380 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-17 20:15:40  
 2014-12-17 20:21:22.030 Reducing Status Polling Interval  
 2014-12-17 20:21:22.030 [2014-12-17 20:21:20.999998] total packets received: 48532



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2014-12-17 20:21:22.030 [2014-12-17 20:21:20.999998] command timeouts: 6
2014-12-17 20:21:22.030 [2014-12-17 20:21:20.999998] out of window: 76
2014-12-17 20:21:22.030 written: HHZ-1193 HH1-1430 HH2-1402 BDH-451 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-12-17 20:21:22.030 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-32
VMZ-2 VM1-2
2014-12-17 20:21:22.030 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-17 20:21:22.030 [2014-12-17 20:21:20.999998] Done: 4628 recs. seq end:
22097790. run: 335 s
2014-12-18 08:22:15.420
2014-12-18 08:22:15.420 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-18 08:22:15.420 Control Port 2491 Opened
2014-12-18 08:22:15.420 Baler ready on Ethernet
2014-12-18 08:22:15.420 Power Cycled Baler Acknowledged
2014-12-18 08:22:15.420 Commands Accepted by Q330
2014-12-18 08:22:15.420 Access timeout: 300 sec
2014-12-18 08:22:15.420 Control Port 4023 Opened
2014-12-18 08:22:15.420 Data Port 4024 Opened
2014-12-18 08:22:15.420 Registered with Q330
2014-12-18 08:22:15.420 Combination Record Received
2014-12-18 08:22:15.420 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-18 08:22:15.420 Link Reset, starting window sequence: 41170
2014-12-18 08:22:15.420 GPS Receiver ID Received
2014-12-18 08:22:15.420 Manufacturer's Data Received, Property Tag=2017
2014-12-18 08:22:15.420 Digitizer Gain & Offsets Received
2014-12-18 08:22:15.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4628 recs.
seq end: 22097790
2014-12-18 08:22:15.420 Baler clock set to 2014-12-18 08:22:14
2014-12-18 08:22:15.420 Starting to Read DP Tokens
2014-12-18 08:22:15.420 DP Tokens loaded, size=1474 bytes
2014-12-18 08:22:15.420 webserver advertising 192.168.200.119:5380
2014-12-18 08:22:15.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-18 08:22:15.420 filters & delay HH1:2@100,Linear all=0.320000
2014-12-18 08:22:15.420 filters & delay HH2:3@100,Linear all=0.320000
2014-12-18 08:22:15.420 filters & delay BDH:4@20,Linear all=1.650000
2014-12-18 08:22:15.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-18 08:22:15.420 filters & delay LH1:2@1,Linear all=15.000000
2014-12-18 08:22:15.420 filters & delay LH2:3@1,Linear all=15.000000
2014-12-18 08:22:15.420 filters & delay LDH:4@1,Linear all=15.000000
2014-12-18 08:22:15.420 [2014-12-17 20:21:20.999998] continuity found: 22097790
472162881.000000 Q=100
2014-12-18 08:22:15.420 [2014-12-17 20:21:20.999998] restoring continuity
2014-12-18 08:22:15.420 Sending DT_OPEN
2014-12-18 08:22:15.420 Station: XX-2017
2014-12-18 08:22:15.420 Q330 Serial Number: 0100000DB18FC351
2014-12-18 08:22:15.420 AMB Serial Number: 0100000B6909DD82
2014-12-18 08:22:15.420 Seismo 1 Serial Number: 0000000000000000
2014-12-18 08:22:15.420 Seismo 2 Serial Number: 0000000000000000
2014-12-18 08:22:15.420 QAPCHP 1 Serial Number: 4643206
2014-12-18 08:22:15.420 QAPCHP 2 Serial Number: 3743050
2014-12-18 08:22:15.420 KMI Property Tag Number: 2017
2014-12-18 08:22:15.420 System Software Version: 1.146
2014-12-18 08:22:15.420 Slave Processor Version: 1.11
2014-12-18 08:22:15.420 Calibrator Type: QCAL330
2014-12-18 08:22:15.420 Calibrator Version: 1.8
2014-12-18 08:22:15.420 Auxiliary Board Type: None
2014-12-18 08:22:15.420 Clock Type: Motorola M12
2014-12-18 08:22:15.420 PLD Version: 7.9
2014-12-18 08:22:15.420 Total Hours: 71292.93
2014-12-18 08:22:15.420 Power On Hours: 35923.32
2014-12-18 08:22:15.420 Time of Last Boot: 2014-04-06 02:03:58
2014-12-18 08:22:15.420 Total Number of Boots: 120
2014-12-18 08:22:15.420 Time of Last Re-Sync: 2014-04-06 02:17:08

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2014-12-18 08:22:15.420 Total Number of Re-Syncs: 213  
 2014-12-18 08:22:15.420 Status Inputs: 00000000  
 2014-12-18 08:22:15.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-18 08:22:15.420 Clock Quality: 100%  
 2014-12-18 08:22:15.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-18 08:22:15.420 Clock Phase: 0 usec. max allowed=50000  
 2014-12-18 08:22:15.420 Boom positions:  
 2014-12-18 08:22:15.420 ch1: -2 ch2: 5 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2014-12-18 08:22:15.420 Analog Status  
 2014-12-18 08:22:15.420 Analog Positive Supply: 5.46V  
 2014-12-18 08:22:15.420 Input Voltage: 13.20V  
 2014-12-18 08:22:15.420 System Temperature: 5C  
 2014-12-18 08:22:15.420 Main Current: 62ma  
 2014-12-18 08:22:15.420 Antenna Current: 0ma  
 2014-12-18 08:22:15.420 GPS Status  
 2014-12-18 08:22:15.420 Time: 08:22:14  
 2014-12-18 08:22:15.420 Date:  
 2014-12-18 08:22:15.420 Fix Type: 1-D  
 2014-12-18 08:22:15.420 Height:  
 2014-12-18 08:22:15.420 Latitude:  
 2014-12-18 08:22:15.420 Longitude:  
 2014-12-18 08:22:15.420 On Time: 0min  
 2014-12-18 08:22:15.420 Sat. Used: 0  
 2014-12-18 08:22:15.420 In View: 0  
 2014-12-18 08:22:15.420 Checksum Errors: 0  
 2014-12-18 08:22:15.420 Last GPS timemark: 2014-12-18 08:22:13  
 2014-12-18 08:22:15.420 PLL Status  
 2014-12-18 08:22:15.420 State: Lock  
 2014-12-18 08:22:15.420 Initial VCO: 2199.955566  
 2014-12-18 08:22:15.420 Time Error: -0.000001  
 2014-12-18 08:22:15.420 RMS VCO: 0.000000  
 2014-12-18 08:22:15.420 Best VCO: 2200.06  
 2014-12-18 08:22:15.420 Seconds Since Track or Lock: 0.0  
 2014-12-18 08:22:15.420 Vco Control: 2200  
 2014-12-18 08:22:15.420 timing mode: external seascan  
 2014-12-18 08:22:15.420 tempco normal  
 2014-12-18 08:22:15.420 PLL update: 10s PLL lock criterion: 5us  
 2014-12-18 08:22:15.420 Pfrac: 150.00  
 2014-12-18 08:22:15.420 VCO slope: -0.0175000  
 2014-12-18 08:22:15.420 VCO intercept: 7.1100001  
 2014-12-18 08:22:15.420 Km delta: 600.000000  
 2014-12-18 08:22:15.420 Logical Port 4 Status  
 2014-12-18 08:22:15.420 Data Packets Sent: 25537306  
 2014-12-18 08:22:15.420 Flood Packets Sent: 0  
 2014-12-18 08:22:15.420 Packets Re-Sent: 40661  
 2014-12-18 08:22:15.420 Sequence Errors: 0  
 2014-12-18 08:22:15.420 Packet Buffer Used: 22659372  
 2014-12-18 08:22:15.420 Physical Port: Ethernet  
 2014-12-18 08:22:15.420 MAC Address: 00:04:FB:00:02:EA  
 2014-12-18 08:22:15.420 Disk Size: 20000669696  
 2014-12-18 08:22:15.420 Percent of 1177 data files in use: 48.9  
 2014-12-18 08:22:15.420 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-18 08:22:15.420 Channel Sensitivities (uV per count):  
 2014-12-18 08:22:15.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-18 08:22:15.420 Digitizer Calibration Results:  
 2014-12-18 08:22:15.420 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-18 08:22:15.420 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-18 08:22:15.420 DMU1 Software Version=10  
 2014-12-18 08:22:15.420 Supply Voltage=12.7  
 2014-12-18 08:22:15.420 Supply Current=0.41  
 2014-12-18 08:22:15.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-18 08:22:15.420 WebLink Data Maps Restored  
 2014-12-18 08:22:15.420 [2014-12-17 20:21:20.999998] sequence resumes: 22097790 to

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```

22097790
2014-12-18 08:22:15.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-18 08:22:14
2014-12-18 08:24:05.270 [2014-12-18 00:00:00.000000] Saving Configuration to Backup
Memory
2014-12-18 08:27:55.240 Reducing Status Polling Interval
2014-12-18 08:27:55.240 [2014-12-18 08:27:54.000000] total packets received: 50225
2014-12-18 08:27:55.240 [2014-12-18 08:27:54.000000] command timeouts: 6
2014-12-18 08:27:55.240 [2014-12-18 08:27:54.000000] out of window: 72
2014-12-18 08:27:55.240 written: HHZ-1194 HH1-1448 HH2-1399 BDH-444 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-12-18 08:27:55.240 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-24 LDH-28
VMZ-2 VM1-2
2014-12-18 08:27:55.240 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-12-18 08:27:55.240 [2014-12-18 08:27:54.000000] Done: 4632 recs. seq end:
22141383. run: 335 s
2014-12-18 20:28:49.400
2014-12-18 20:28:49.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-18 20:28:49.400 Control Port 2491 Opened
2014-12-18 20:28:49.400 Baler ready on Ethernet
2014-12-18 20:28:49.400 Power Cycled Baler Acknowledged
2014-12-18 20:28:49.400 Commands Accepted by Q330
2014-12-18 20:28:49.400 Access timeout: 300 sec
2014-12-18 20:28:49.400 Control Port 4023 Opened
2014-12-18 20:28:49.400 Data Port 4024 Opened
2014-12-18 20:28:49.400 Registered with Q330
2014-12-18 20:28:49.400 Combination Record Received
2014-12-18 20:28:49.400 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-18 20:28:49.400 Link Reset, starting window sequence: 25751
2014-12-18 20:28:49.400 GPS Receiver ID Received
2014-12-18 20:28:49.400 Manufacturer's Data Received, Property Tag=2017
2014-12-18 20:28:49.400 Digitizer Gain & Offsets Received
2014-12-18 20:28:49.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4632 recs.
seq end: 22141383
2014-12-18 20:28:49.400 Baler clock set to 2014-12-18 20:28:48
2014-12-18 20:28:49.400 Starting to Read DP Tokens
2014-12-18 20:28:49.400 DP Tokens loaded, size=1474 bytes
2014-12-18 20:28:49.400 webserver advertising 192.168.200.119:5380
2014-12-18 20:28:49.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-18 20:28:49.400 filters & delay HH1:2@100,Linear all=0.320000
2014-12-18 20:28:49.400 filters & delay HH2:3@100,Linear all=0.320000
2014-12-18 20:28:49.400 filters & delay BDH:4@20,Linear all=1.650000
2014-12-18 20:28:49.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-18 20:28:49.400 filters & delay LH1:2@1,Linear all=15.000000
2014-12-18 20:28:49.400 filters & delay LH2:3@1,Linear all=15.000000
2014-12-18 20:28:49.400 filters & delay LDH:4@1,Linear all=15.000000
2014-12-18 20:28:49.400 [2014-12-18 08:27:54.000000] continuity found: 22141383
472206474.000000 Q=100
2014-12-18 20:28:49.400 [2014-12-18 08:27:54.000000] restoring continuity
2014-12-18 20:28:49.400 Sending DT_OPEN
2014-12-18 20:28:49.400 Station: XX-2017
2014-12-18 20:28:49.400 Q330 Serial Number: 0100000DB18FC351
2014-12-18 20:28:49.400 AMB Serial Number: 0100000B6909DD82
2014-12-18 20:28:49.400 Seismo 1 Serial Number: 0000000000000000
2014-12-18 20:28:49.400 Seismo 2 Serial Number: 0000000000000000
2014-12-18 20:28:49.400 QAPCHP 1 Serial Number: 4643206
2014-12-18 20:28:49.400 QAPCHP 2 Serial Number: 3743050
2014-12-18 20:28:49.400 KMI Property Tag Number: 2017
2014-12-18 20:28:49.400 System Software Version: 1.146
2014-12-18 20:28:49.400 Slave Processor Version: 1.11
2014-12-18 20:28:49.400 Calibrator Type: QCAL330
2014-12-18 20:28:49.400 Calibrator Version: 1.8
2014-12-18 20:28:49.400 Auxiliary Board Type: None

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2014-12-18 20:28:49.400 Clock Type: Motorola M12  
 2014-12-18 20:28:49.400 PLD Version: 7.9  
 2014-12-18 20:28:49.400 Total Hours: 71305.04  
 2014-12-18 20:28:49.400 Power On Hours: 35935.43  
 2014-12-18 20:28:49.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-18 20:28:49.400 Total Number of Boots: 120  
 2014-12-18 20:28:49.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-18 20:28:49.400 Total Number of Re-Syncs: 213  
 2014-12-18 20:28:49.400 Status Inputs: 00000000  
 2014-12-18 20:28:49.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-12-18 20:28:49.400 Clock Quality: 100%  
 2014-12-18 20:28:49.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-18 20:28:49.400 Clock Phase: 0 usec. max allowed=50000  
 2014-12-18 20:28:49.400 Boom positions:  
 2014-12-18 20:28:49.400 ch1: -2 ch2: 4 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2014-12-18 20:28:49.400 Analog Status  
 2014-12-18 20:28:49.400 Analog Positive Supply: 5.46V  
 2014-12-18 20:28:49.400 Input Voltage: 13.35V  
 2014-12-18 20:28:49.400 System Temperature: 5C  
 2014-12-18 20:28:49.400 Main Current: 62ma  
 2014-12-18 20:28:49.400 Antenna Current: Oma  
 2014-12-18 20:28:49.400 GPS Status  
 2014-12-18 20:28:49.400 Time: 20:28:48  
 2014-12-18 20:28:49.400 Date:  
 2014-12-18 20:28:49.400 Fix Type: 1-D  
 2014-12-18 20:28:49.400 Height:  
 2014-12-18 20:28:49.400 Latitude:  
 2014-12-18 20:28:49.400 Longitude:  
 2014-12-18 20:28:49.400 On Time: 0min  
 2014-12-18 20:28:49.400 Sat. Used: 0  
 2014-12-18 20:28:49.400 In View: 0  
 2014-12-18 20:28:49.400 Checksum Errors: 0  
 2014-12-18 20:28:49.400 Last GPS timemark: 2014-12-18 20:28:47  
 2014-12-18 20:28:49.400 PLL Status  
 2014-12-18 20:28:49.400 State: Lock  
 2014-12-18 20:28:49.400 Initial VCO: 2199.804443  
 2014-12-18 20:28:49.400 Time Error: 0.000000  
 2014-12-18 20:28:49.400 RMS VCO: 0.000000  
 2014-12-18 20:28:49.400 Best VCO: 2200.04  
 2014-12-18 20:28:49.400 Seconds Since Track or Lock: 0.0  
 2014-12-18 20:28:49.400 Vco Control: 2200  
 2014-12-18 20:28:49.400 timing mode: external seascan  
 2014-12-18 20:28:49.400 tempco normal  
 2014-12-18 20:28:49.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-18 20:28:49.400 Pfrac: 150.00  
 2014-12-18 20:28:49.400 VCO slope: -0.0175000  
 2014-12-18 20:28:49.400 VCO intercept: 7.1100001  
 2014-12-18 20:28:49.400 Km delta: 600.0000000  
 2014-12-18 20:28:49.400 Logical Port 4 Status  
 2014-12-18 20:28:49.400 Data Packets Sent: 25587428  
 2014-12-18 20:28:49.400 Flood Packets Sent: 0  
 2014-12-18 20:28:49.400 Packets Re-Sent: 40746  
 2014-12-18 20:28:49.400 Sequence Errors: 0  
 2014-12-18 20:28:49.400 Packet Buffer Used: 22213200  
 2014-12-18 20:28:49.400 Physical Port: Ethernet  
 2014-12-18 20:28:49.400 Baler Model: 14 Software Version: 2.28  
 2014-12-18 20:28:49.400 MAC Address: 00:04:FB:00:02:EA  
 2014-12-18 20:28:49.400 Disk Size: 20000669696  
 2014-12-18 20:28:49.400 Percent of 1177 data files in use: 48.9  
 2014-12-18 20:28:49.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-18 20:28:49.400 Channel Sensitivities (uV per count):  
 2014-12-18 20:28:49.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-18 20:28:49.400 Digitizer Calibration Results:

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```

2014-12-18 20:28:49.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-18 20:28:49.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-18 20:28:49.400 DMU1 Software Version=10
2014-12-18 20:28:49.400 Supply Voltage=12.6
2014-12-18 20:28:49.400 Supply Current=0.41
2014-12-18 20:28:49.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-18 20:28:49.400 webLink Data Maps Restored
2014-12-18 20:28:49.400 [2014-12-18 08:27:54.000000] sequence resumes: 22141383 to
22141383
2014-12-18 20:28:49.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-18 20:28:48
2014-12-18 20:34:17.960 Reducing Status Polling Interval
2014-12-18 20:34:17.960 [2014-12-18 20:34:16.999998] total packets received: 46334
2014-12-18 20:34:17.960 [2014-12-18 20:34:16.999998] command timeouts: 6
2014-12-18 20:34:17.960 [2014-12-18 20:34:16.999998] out of window: 63
2014-12-18 20:34:17.960 written: HHZ-1155 HH1-1398 HH2-1386 BDH-441 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-12-18 20:34:17.960 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2014-12-18 20:34:17.960 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-18 20:34:17.960 [2014-12-18 20:34:16.999998] Done: 4517 recs. seq end:
22184966. run: 324 s
2014-12-19 08:35:12.390
2014-12-19 08:35:12.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-19 08:35:12.390 Control Port 2491 Opened
2014-12-19 08:35:12.390 Baler ready on Ethernet
2014-12-19 08:35:12.390 Power Cycled Baler Acknowledged
2014-12-19 08:35:12.390 Commands Accepted by Q330
2014-12-19 08:35:12.390 Access timeout: 300 sec
2014-12-19 08:35:12.390 Control Port 4023 Opened
2014-12-19 08:35:12.390 Data Port 4024 Opened
2014-12-19 08:35:12.390 Registered with Q330
2014-12-19 08:35:12.390 Combination Record Received
2014-12-19 08:35:12.390 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-19 08:35:12.390 Link Reset, starting window sequence: 6451
2014-12-19 08:35:12.390 GPS Receiver ID Received
2014-12-19 08:35:12.390 Manufacturer's Data Received, Property Tag=2017
2014-12-19 08:35:12.390 Digitizer Gain & Offsets Received
2014-12-19 08:35:12.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4517 recs.
seq end: 22184966
2014-12-19 08:35:12.390 Baler clock set to 2014-12-19 08:35:11
2014-12-19 08:35:12.390 Starting to Read DP Tokens
2014-12-19 08:35:12.390 DP Tokens loaded, size=1474 bytes
2014-12-19 08:35:12.390 webserver advertising 192.168.200.119:5380
2014-12-19 08:35:12.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-19 08:35:12.390 filters & delay HH1:2@100,Linear all=0.320000
2014-12-19 08:35:12.390 filters & delay HH2:3@100,Linear all=0.320000
2014-12-19 08:35:12.390 filters & delay BDH:4@20,Linear all=1.650000
2014-12-19 08:35:12.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-19 08:35:12.390 filters & delay LH1:2@1,Linear all=15.000000
2014-12-19 08:35:12.390 filters & delay LH2:3@1,Linear all=15.000000
2014-12-19 08:35:12.390 filters & delay LDH:4@1,Linear all=15.000000
2014-12-19 08:35:12.390 [2014-12-18 20:34:16.999998] continuity found: 22184966
472250057.000000 Q=100
2014-12-19 08:35:12.390 [2014-12-18 20:34:16.999998] restoring continuity
2014-12-19 08:35:12.390 Sending DT_OPEN
2014-12-19 08:35:12.390 Station: XX-2017
2014-12-19 08:35:12.390 Q330 Serial Number: 0100000DB18FC351
2014-12-19 08:35:12.390 AMB Serial Number: 0100000B6909DD82
2014-12-19 08:35:12.390 Seismo 1 Serial Number: 0000000000000000
2014-12-19 08:35:12.390 Seismo 2 Serial Number: 0000000000000000
2014-12-19 08:35:12.390 QAPCHP 1 Serial Number: 4643206
2014-12-19 08:35:12.390 QAPCHP 2 Serial Number: 3743050

```

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2014-12-19 08:35:12.390 KMI Property Tag Number: 2017  
 2014-12-19 08:35:12.390 System Software Version: 1.146  
 2014-12-19 08:35:12.390 Slave Processor Version: 1.11  
 2014-12-19 08:35:12.390 Calibrator Type: QCAL330  
 2014-12-19 08:35:12.390 Calibrator Version: 1.8  
 2014-12-19 08:35:12.390 Auxiliary Board Type: None  
 2014-12-19 08:35:12.390 PLD Version: 7.9  
 2014-12-19 08:35:12.390 Total Hours: 71317.15  
 2014-12-19 08:35:12.390 Power On Hours: 35947.53  
 2014-12-19 08:35:12.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-19 08:35:12.390 Total Number of Boots: 120  
 2014-12-19 08:35:12.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-19 08:35:12.390 Total Number of Re-Syncs: 213  
 2014-12-19 08:35:12.390 Status Inputs: 00000000  
 2014-12-19 08:35:12.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-19 08:35:12.390 Clock Quality: 100%  
 2014-12-19 08:35:12.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-19 08:35:12.390 Clock Phase: 0 usec. max allowed=50000  
 2014-12-19 08:35:12.390 Boom positions:  
 2014-12-19 08:35:12.390 ch1: -2 ch2: 4 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2014-12-19 08:35:12.390 Analog Status  
 2014-12-19 08:35:12.390 Analog Positive Supply: 5.46V  
 2014-12-19 08:35:12.390 Input Voltage: 13.35V  
 2014-12-19 08:35:12.390 System Temperature: 5C  
 2014-12-19 08:35:12.390 Main Current: 61ma  
 2014-12-19 08:35:12.390 Antenna Current: 0ma  
 2014-12-19 08:35:12.390 GPS Status  
 2014-12-19 08:35:12.390 Time: 08:35:11  
 2014-12-19 08:35:12.390 Date:  
 2014-12-19 08:35:12.390 Fix Type: 1-D  
 2014-12-19 08:35:12.390 Height:  
 2014-12-19 08:35:12.390 Latitude:  
 2014-12-19 08:35:12.390 Longitude:  
 2014-12-19 08:35:12.390 On Time: 0min  
 2014-12-19 08:35:12.390 Sat. Used: 0  
 2014-12-19 08:35:12.390 In View: 0  
 2014-12-19 08:35:12.390 Checksum Errors: 0  
 2014-12-19 08:35:12.390 Last GPS timemark: 2014-12-19 08:35:10  
 2014-12-19 08:35:12.390 PLL Status  
 2014-12-19 08:35:12.390 State: Lock  
 2014-12-19 08:35:12.390 Initial VCO: 2199.740723  
 2014-12-19 08:35:12.390 Time Error: 0.000000  
 2014-12-19 08:35:12.390 RMS VCO: 0.000000  
 2014-12-19 08:35:12.390 Best VCO: 2199.69  
 2014-12-19 08:35:12.390 Seconds Since Track or Lock: 0.0  
 2014-12-19 08:35:12.390 Vco Control: 2200  
 2014-12-19 08:35:12.390 timing mode: external seascan  
 2014-12-19 08:35:12.390 tempco normal  
 2014-12-19 08:35:12.390 PLL update: 10s PLL lock criterion: 5us  
 2014-12-19 08:35:12.390 Pfrac: 150.00  
 2014-12-19 08:35:12.390 VCO slope: -0.0175000  
 2014-12-19 08:35:12.390 VCO intercept: 7.1100001  
 2014-12-19 08:35:12.390 Km delta: 600.0000000  
 2014-12-19 08:35:12.390 Logical Port 4 Status  
 2014-12-19 08:35:12.390 Data Packets Sent: 25633669  
 2014-12-19 08:35:12.390 Flood Packets Sent: 0  
 2014-12-19 08:35:12.390 Packets Re-Sent: 40823  
 2014-12-19 08:35:12.390 Sequence Errors: 0  
 2014-12-19 08:35:12.390 Packet Buffer Used: 22963040  
 2014-12-19 08:35:12.390 Physical Port: Ethernet  
 2014-12-19 08:35:12.390 Baler Model: 14 Software Version: 2.28  
 2014-12-19 08:35:12.390 MAC Address: 00:04:FB:00:02:EA  
 2014-12-19 08:35:12.390 Disk Size: 20000669696

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2014-12-19 08:35:12.390 Percent of 1177 data files in use: 48.9
2014-12-19 08:35:12.390 Channels Enabled: 1234 Preamps ON channels:
2014-12-19 08:35:12.390 Channel Sensitivities (uV per count):
2014-12-19 08:35:12.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-19 08:35:12.390 Digitizer Calibration Results:
2014-12-19 08:35:12.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-19 08:35:12.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-19 08:35:12.390 DMU1 Software Version=10
2014-12-19 08:35:12.390 Supply Voltage=12.6
2014-12-19 08:35:12.390 Supply Current=0.41
2014-12-19 08:35:12.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-19 08:35:12.390 WebLink Data Maps Restored
2014-12-19 08:35:12.390 [2014-12-18 20:34:16.999998] sequence resumes: 22184966 to
22184966
2014-12-19 08:35:12.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-19 08:35:11
2014-12-19 08:36:49.500 [2014-12-19 00:00:00.000000] Saving Configuration to Backup
Memory
2014-12-19 08:41:02.100 [2014-12-19 08:35:54.000000] total packets received: 55611
2014-12-19 08:41:02.100 [2014-12-19 08:35:54.000000] command timeouts: 6
2014-12-19 08:41:02.100 [2014-12-19 08:35:54.000000] out of window: 82
2014-12-19 08:41:02.100 written: HHZ-1213 HH1-1442 HH2-1440 BDH-433 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2014-12-19 08:41:02.100 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-12-19 08:41:02.100 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-12-19 08:41:02.100 [2014-12-19 08:35:54.000000] Done: 4671 recs. seq end:
22228263. run: 345 s
2014-12-19 20:41:54.390
2014-12-19 20:41:54.390 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-19 20:41:54.390 Control Port 2491 Opened
2014-12-19 20:41:54.390 Baler ready on Ethernet
2014-12-19 20:41:54.390 Power Cycled Baler Acknowledged
2014-12-19 20:41:54.390 Commands Accepted by Q330
2014-12-19 20:41:54.390 Access timeout: 300 sec
2014-12-19 20:41:54.390 Control Port 4023 Opened
2014-12-19 20:41:54.390 Data Port 4024 Opened
2014-12-19 20:41:54.390 Registered with Q330
2014-12-19 20:41:54.390 Combination Record Received
2014-12-19 20:41:54.390 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-19 20:41:54.390 Link Reset, starting window sequence: 61942
2014-12-19 20:41:54.390 GPS Receiver ID Received
2014-12-19 20:41:54.390 Manufacturer's Data Received, Property Tag=2017
2014-12-19 20:41:54.390 Digitizer Gain & Offsets Received
2014-12-19 20:41:54.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4671 recs.
seq end: 22228263
2014-12-19 20:41:54.390 Baler clock set to 2014-12-19 20:41:53
2014-12-19 20:41:54.390 Starting to Read DP Tokens
2014-12-19 20:41:54.390 DP Tokens loaded, size=1474 bytes
2014-12-19 20:41:54.390 webserver advertising 192.168.200.119:5380
2014-12-19 20:41:54.390 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-19 20:41:54.390 filters & delay HH1:2@100,Linear all=0.320000
2014-12-19 20:41:54.390 filters & delay HH2:3@100,Linear all=0.320000
2014-12-19 20:41:54.390 filters & delay BDH:4@20,Linear all=1.650000
2014-12-19 20:41:54.390 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-19 20:41:54.390 filters & delay LH1:2@1,Linear all=15.000000
2014-12-19 20:41:54.390 filters & delay LH2:3@1,Linear all=15.000000
2014-12-19 20:41:54.390 filters & delay LDH:4@1,Linear all=15.000000
2014-12-19 20:41:54.390 [2014-12-19 08:35:54.000000] continuity found: 22228263
472293354.000000 Q=100
2014-12-19 20:41:54.390 [2014-12-19 08:35:54.000000] restoring continuity
2014-12-19 20:41:54.390 Sending DT_OPEN
2014-12-19 20:41:54.390 Station: XX-2017

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2014-12-19 20:41:54.390 Q330 Serial Number: 0100000DB18FC351  
 2014-12-19 20:41:54.390 AMB Serial Number: 0100000B6909DD82  
 2014-12-19 20:41:54.390 Seismo 1 Serial Number: 0000000000000000  
 2014-12-19 20:41:54.390 Seismo 2 Serial Number: 0000000000000000  
 2014-12-19 20:41:54.390 QAPCHP 1 Serial Number: 4643206  
 2014-12-19 20:41:54.390 QAPCHP 2 Serial Number: 3743050  
 2014-12-19 20:41:54.390 KMI Property Tag Number: 2017  
 2014-12-19 20:41:54.390 System Software Version: 1.146  
 2014-12-19 20:41:54.390 Slave Processor Version: 1.11  
 2014-12-19 20:41:54.390 Calibrator Type: QCAL330  
 2014-12-19 20:41:54.390 Calibrator Version: 1.8  
 2014-12-19 20:41:54.390 Auxiliary Board Type: None  
 2014-12-19 20:41:54.390 Clock Type: Motorola M12  
 2014-12-19 20:41:54.390 PLD Version: 7.9  
 2014-12-19 20:41:54.390 Total Hours: 71329.26  
 2014-12-19 20:41:54.390 Power On Hours: 35959.65  
 2014-12-19 20:41:54.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-19 20:41:54.390 Total Number of Boots: 120  
 2014-12-19 20:41:54.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-19 20:41:54.390 Total Number of Re-Syncs: 213  
 2014-12-19 20:41:54.390 Status Inputs: 00000000  
 2014-12-19 20:41:54.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-12-19 20:41:54.390 Clock Quality: 100%  
 2014-12-19 20:41:54.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-19 20:41:54.390 Clock Phase: -2 usec. max allowed=50000  
 2014-12-19 20:41:54.390 Boom positions:  
 2014-12-19 20:41:54.390 Ch1: -2 Ch2: 1 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-19 20:41:54.390 Analog Status  
 2014-12-19 20:41:54.390 Analog Positive Supply: 5.46V  
 2014-12-19 20:41:54.390 Input Voltage: 13.05V  
 2014-12-19 20:41:54.390 System Temperature: 5C  
 2014-12-19 20:41:54.390 Main Current: 62ma  
 2014-12-19 20:41:54.390 Antenna Current: 0ma  
 2014-12-19 20:41:54.390 GPS Status  
 2014-12-19 20:41:54.390 Time: 20:41:54  
 2014-12-19 20:41:54.390 Date:  
 2014-12-19 20:41:54.390 Fix Type: 1-D  
 2014-12-19 20:41:54.390 Height:  
 2014-12-19 20:41:54.390 Latitude:  
 2014-12-19 20:41:54.390 Longitude:  
 2014-12-19 20:41:54.390 On Time: 0min  
 2014-12-19 20:41:54.390 Sat. Used: 0  
 2014-12-19 20:41:54.390 In View: 0  
 2014-12-19 20:41:54.390 Checksum Errors: 0  
 2014-12-19 20:41:54.390 Last GPS timemark: 2014-12-19 20:41:53  
 2014-12-19 20:41:54.390 PLL Status  
 2014-12-19 20:41:54.390 State: Lock  
 2014-12-19 20:41:54.390 Initial VCO: 2199.683594  
 2014-12-19 20:41:54.390 Time Error: 0.000002  
 2014-12-19 20:41:54.390 RMS VCO: 0.0000000  
 2014-12-19 20:41:54.390 Best VCO: 2199.44  
 2014-12-19 20:41:54.390 Seconds Since Track or Lock: 0.0  
 2014-12-19 20:41:54.390 Vco Control: 2200  
 2014-12-19 20:41:54.390 timing mode: external seascan  
 2014-12-19 20:41:54.390 tempco normal  
 2014-12-19 20:41:54.390 PLL update: 10s PLL lock criterion: 5us  
 2014-12-19 20:41:54.390 Pfrac: 150.00  
 2014-12-19 20:41:54.390 VCO slope: -0.0175000  
 2014-12-19 20:41:54.390 VCO intercept: 7.1100001  
 2014-12-19 20:41:54.390 Km delta: 600.0000000  
 2014-12-19 20:41:54.390 Logical Port 4 Status  
 2014-12-19 20:41:54.390 Data Packets Sent: 25689167  
 2014-12-19 20:41:54.390 Flood Packets Sent: 0



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2014-12-19 20:41:54.390 Packets Re-Sent: 40923
2014-12-19 20:41:54.390 Sequence Errors: 0
2014-12-19 20:41:54.390 Packet Buffer Used: 21360468
2014-12-19 20:41:54.390 Physical Port: Ethernet
2014-12-19 20:41:54.390 Baler Model: 14   Software Version: 2.28
2014-12-19 20:41:54.390 MAC Address: 00:04:FB:00:02:EA
2014-12-19 20:41:54.390 Disk Size: 20000669696
2014-12-19 20:41:54.390 Percent of 1177 data files in use: 49.0
2014-12-19 20:41:54.390 Channels Enabled: 1234   Preamps ON channels:
2014-12-19 20:41:54.390 Channel Sensitivities (uV per count):
2014-12-19 20:41:54.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-19 20:41:54.390 Digitizer Calibration Results:
2014-12-19 20:41:54.390 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-12-19 20:41:54.390 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2014-12-19 20:41:54.390 DMU1 Software Version=10
2014-12-19 20:41:54.390 Supply Voltage=12.6
2014-12-19 20:41:54.390 Supply Current=0.41
2014-12-19 20:41:54.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-19 20:41:54.390 webLink Data Maps Restored
2014-12-19 20:41:54.390 [2014-12-19 08:35:54.000000] sequence resumes overlapping:
22228263 to 22228262
2014-12-19 20:41:54.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-12-19 20:41:53
2014-12-19 20:47:19.490 Reducing Status Polling Interval
2014-12-19 20:47:19.490 [2014-12-19 20:47:19.999998] total packets received: 46421
2014-12-19 20:47:19.490 [2014-12-19 20:47:19.999998] command timeouts: 6
2014-12-19 20:47:19.490 [2014-12-19 20:47:19.999998] out of window: 64
2014-12-19 20:47:19.490 written: HHZ-1134 HH1-1303 HH2-1290 BDH-431 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-12-19 20:47:19.490 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2014-12-19 20:47:19.490 written: VM2-2 LOG-2 ACE-1 OCF-2
2014-12-19 20:47:19.490 [2014-12-19 20:47:19.999998] Done: 4300 recs. seq end:
22272149. run: 321 s
2014-12-20 08:48:16.400
2014-12-20 08:48:16.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-20 08:48:16.400 Control Port 2491 Opened
2014-12-20 08:48:16.400 Power Cycled Baler Acknowledged
2014-12-20 08:48:16.400 Commands Accepted by Q330
2014-12-20 08:48:16.400 Access timeout: 300 sec
2014-12-20 08:48:16.400 Control Port 4023 Opened
2014-12-20 08:48:16.400 Data Port 4024 Opened
2014-12-20 08:48:16.400 Registered with Q330
2014-12-20 08:48:16.400 Combination Record Received
2014-12-20 08:48:16.400 Window=4   Min. Timeout=10   Max. Timeout=30
2014-12-20 08:48:16.400 Link Reset, starting window sequence: 42728
2014-12-20 08:48:16.400 GPS Receiver ID Received
2014-12-20 08:48:16.400 Manufacturer's Data Received, Property Tag=2017
2014-12-20 08:48:16.400 Digitizer Gain & Offsets Received
2014-12-20 08:48:16.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4300 recs.
seq end: 22272149
2014-12-20 08:48:16.400 Baler clock set to 2014-12-20 08:48:15
2014-12-20 08:48:16.400 Starting to Read DP Tokens
2014-12-20 08:48:16.400 DP Tokens loaded, size=1474 bytes
2014-12-20 08:48:16.400 webserver advertising 192.168.200.119:5380
2014-12-20 08:48:16.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-20 08:48:16.400 filters & delay HH1:2@100,Linear all=0.320000
2014-12-20 08:48:16.400 filters & delay HH2:3@100,Linear all=0.320000
2014-12-20 08:48:16.400 filters & delay BDH:4@20,Linear all=1.650000
2014-12-20 08:48:16.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-20 08:48:16.400 filters & delay LH1:2@1,Linear all=15.000000
2014-12-20 08:48:16.400 filters & delay LH2:3@1,Linear all=15.000000
2014-12-20 08:48:16.400 filters & delay LDH:4@1,Linear all=15.000000

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2014-12-20 08:48:16.400 [2014-12-19 20:47:19.999998] continuity found: 22272149  
 472337240.000000 Q=100  
 2014-12-20 08:48:16.400 [2014-12-19 20:47:19.999998] restoring continuity  
 2014-12-20 08:48:16.400 Sending DT\_OPEN  
 2014-12-20 08:48:16.400 Station: XX-2017  
 2014-12-20 08:48:16.400 Q330 Serial Number: 0100000DB18FC351  
 2014-12-20 08:48:16.400 AMB Serial Number: 0100000B6909DD82  
 2014-12-20 08:48:16.400 Seismo 1 Serial Number: 0000000000000000  
 2014-12-20 08:48:16.400 Seismo 2 Serial Number: 0000000000000000  
 2014-12-20 08:48:16.400 QAPCHP 1 Serial Number: 4643206  
 2014-12-20 08:48:16.400 QAPCHP 2 Serial Number: 3743050  
 2014-12-20 08:48:16.400 KMI Property Tag Number: 2017  
 2014-12-20 08:48:16.400 System Software Version: 1.146  
 2014-12-20 08:48:16.400 Slave Processor Version: 1.11  
 2014-12-20 08:48:16.400 Calibrator Type: QCAL330  
 2014-12-20 08:48:16.400 Calibrator Version: 1.8  
 2014-12-20 08:48:16.400 Auxiliary Board Type: None  
 2014-12-20 08:48:16.400 Clock Type: Motorola M12  
 2014-12-20 08:48:16.400 PLD Version: 7.9  
 2014-12-20 08:48:16.400 Total Hours: 71341.37  
 2014-12-20 08:48:16.400 Power On Hours: 35971.75  
 2014-12-20 08:48:16.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-20 08:48:16.400 Total Number of Boots: 120  
 2014-12-20 08:48:16.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-20 08:48:16.400 Total Number of Re-Syncs: 213  
 2014-12-20 08:48:16.400 Status Inputs: 00000000  
 2014-12-20 08:48:16.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-20 08:48:16.400 Clock Quality: 100%  
 2014-12-20 08:48:16.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-20 08:48:16.400 Clock Phase: 0 usec. max allowed=50000  
 2014-12-20 08:48:16.400 Boom positions:  
 2014-12-20 08:48:16.400 Ch1: -2 Ch2: 2 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-20 08:48:16.400 Analog Status  
 2014-12-20 08:48:16.400 Analog Positive Supply: 5.46V  
 2014-12-20 08:48:16.400 Input Voltage: 13.20V  
 2014-12-20 08:48:16.400 System Temperature: 5C  
 2014-12-20 08:48:16.400 Main Current: 62ma  
 2014-12-20 08:48:16.400 Antenna Current: 0ma  
 2014-12-20 08:48:16.400 GPS Status  
 2014-12-20 08:48:16.400 Time: 08:48:15  
 2014-12-20 08:48:16.400 Date:  
 2014-12-20 08:48:16.400 Fix Type: 1-D  
 2014-12-20 08:48:16.400 Height:  
 2014-12-20 08:48:16.400 Latitude:  
 2014-12-20 08:48:16.400 Longitude:  
 2014-12-20 08:48:16.400 On Time: 0min  
 2014-12-20 08:48:16.400 Sat. Used: 0  
 2014-12-20 08:48:16.400 In View: 0  
 2014-12-20 08:48:16.400 Checksum Errors: 0  
 2014-12-20 08:48:16.400 Last GPS timemark: 2014-12-20 08:48:14  
 2014-12-20 08:48:16.400 PLL Status  
 2014-12-20 08:48:16.400 State: Lock  
 2014-12-20 08:48:16.400 Initial VCO: 2199.309326  
 2014-12-20 08:48:16.400 Time Error: 0.000000  
 2014-12-20 08:48:16.400 RMS VCO: 0.000000  
 2014-12-20 08:48:16.400 Best VCO: 2199.48  
 2014-12-20 08:48:16.400 Seconds Since Track or Lock: 0.0  
 2014-12-20 08:48:16.400 Vco Control: 2199  
 2014-12-20 08:48:16.400 timing mode: external seascan  
 2014-12-20 08:48:16.400 tempco normal  
 2014-12-20 08:48:16.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-20 08:48:16.400 Pfrac: 150.00  
 2014-12-20 08:48:16.400 VCO slope: -0.0175000

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2014-12-20 08:48:16.400 VCO intercept: 7.1100001
2014-12-20 08:48:16.400 Km delta: 600.0000000
2014-12-20 08:48:16.400 Logical Port 4 Status
2014-12-20 08:48:16.400 Data Packets Sent: 25735494
2014-12-20 08:48:16.400 Flood Packets Sent: 0
2014-12-20 08:48:16.400 Packets Re-Sent: 41006
2014-12-20 08:48:16.400 Sequence Errors: 0
2014-12-20 08:48:16.400 Packet Buffer Used: 20871964
2014-12-20 08:48:16.400 Physical Port: Ethernet
2014-12-20 08:48:16.400 Baler Model: 14 Software Version: 2.28
2014-12-20 08:48:16.400 MAC Address: 00:04:FB:00:02:EA
2014-12-20 08:48:16.400 Disk Size: 20000669696
2014-12-20 08:48:16.400 Percent of 1177 data files in use: 49.2
2014-12-20 08:48:16.400 Channels Enabled: 1234 Preamps ON channels:
2014-12-20 08:48:16.400 Channel Sensitivities (uV per count):
2014-12-20 08:48:16.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-20 08:48:16.400 Digitizer Calibration Results:
2014-12-20 08:48:16.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-20 08:48:16.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-20 08:48:16.400 DMU1 Software Version=10
2014-12-20 08:48:16.400 Supply Voltage=12.7
2014-12-20 08:48:16.400 Supply Current=0.41
2014-12-20 08:48:16.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-20 08:48:16.400 WebLink Data Maps Restored
2014-12-20 08:48:16.400 [2014-12-19 20:47:19.999998] sequence resumes: 22272149 to
22272149
2014-12-20 08:48:16.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-20 08:48:15
2014-12-20 08:49:42.740 [2014-12-20 00:00:00.000000] Saving Configuration to Backup
Memory
2014-12-20 08:53:37.820 Reducing Status Polling Interval
2014-12-20 08:53:37.820 [2014-12-20 08:53:36.999998] total packets received: 44049
2014-12-20 08:53:37.820 [2014-12-20 08:53:36.999998] command timeouts: 6
2014-12-20 08:53:37.820 [2014-12-20 08:53:36.999998] out of window: 58
2014-12-20 08:53:37.820 written: HHZ-1088 HH1-1259 HH2-1283 BDH-426 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-12-20 08:53:37.820 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-12-20 08:53:37.820 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-12-20 08:53:37.820 [2014-12-20 08:53:36.999998] Done: 4195 recs. seq end:
22315726. run: 317 s
2014-12-20 20:54:32.470
2014-12-20 20:54:32.470 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-20 20:54:32.470 Control Port 2491 Opened
2014-12-20 20:54:32.470 Baler ready on Ethernet
2014-12-20 20:54:32.470 Power Cycled Baler Acknowledged
2014-12-20 20:54:32.470 Commands Accepted by Q330
2014-12-20 20:54:32.470 Access timeout: 300 sec
2014-12-20 20:54:32.470 Control Port 4023 Opened
2014-12-20 20:54:32.470 Data Port 4024 Opened
2014-12-20 20:54:32.470 Registered with Q330
2014-12-20 20:54:32.470 Combination Record Received
2014-12-20 20:54:32.470 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-20 20:54:32.470 Link Reset, starting window sequence: 21148
2014-12-20 20:54:32.470 GPS Receiver ID Received
2014-12-20 20:54:32.470 Manufacturer's Data Received, Property Tag=2017
2014-12-20 20:54:32.470 Digitizer Gain & Offsets Received
2014-12-20 20:54:32.470 Msg From 192.168.200.119:Baler XX-2017 readback. 4195 recs.
seq end: 22315726
2014-12-20 20:54:32.470 Baler clock set to 2014-12-20 20:54:31
2014-12-20 20:54:32.470 Starting to Read DP Tokens
2014-12-20 20:54:32.470 DP Tokens loaded, size=1474 bytes
2014-12-20 20:54:32.470 webserver advertising 192.168.200.119:5380

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2014-12-20 20:54:32.470 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-20 20:54:32.470 filters & delay HH1:2@100,Linear all=0.320000
2014-12-20 20:54:32.470 filters & delay HH2:3@100,Linear all=0.320000
2014-12-20 20:54:32.470 filters & delay BDH:4@20,Linear all=1.650000
2014-12-20 20:54:32.470 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-20 20:54:32.470 filters & delay LH1:2@1,Linear all=15.000000
2014-12-20 20:54:32.470 filters & delay LH2:3@1,Linear all=15.000000
2014-12-20 20:54:32.470 filters & delay LDH:4@1,Linear all=15.000000
2014-12-20 20:54:32.470 [2014-12-20 08:53:36.999998] continuity found: 22315726
472380817.000000 Q=100
2014-12-20 20:54:32.470 [2014-12-20 08:53:36.999998] restoring continuity
2014-12-20 20:54:32.470 Sending DT_OPEN
2014-12-20 20:54:32.470 Station: XX-2017
2014-12-20 20:54:32.470 Q330 Serial Number: 0100000DB18FC351
2014-12-20 20:54:32.470 AMB Serial Number: 0100000B6909DD82
2014-12-20 20:54:32.470 Seismo 1 Serial Number: 0000000000000000
2014-12-20 20:54:32.470 Seismo 2 Serial Number: 0000000000000000
2014-12-20 20:54:32.470 QAPCHP 1 Serial Number: 4643206
2014-12-20 20:54:32.470 QAPCHP 2 Serial Number: 3743050
2014-12-20 20:54:32.470 KMI Property Tag Number: 2017
2014-12-20 20:54:32.470 System Software Version: 1.146
2014-12-20 20:54:32.470 Slave Processor Version: 1.11
2014-12-20 20:54:32.470 Calibrator Type: QCAL330
2014-12-20 20:54:32.470 Calibrator Version: 1.8
2014-12-20 20:54:32.470 Auxiliary Board Type: None
2014-12-20 20:54:32.470 Clock Type: Motorola M12
2014-12-20 20:54:32.470 PLD Version: 7.9
2014-12-20 20:54:32.470 Total Hours: 71353.47
2014-12-20 20:54:32.470 Power On Hours: 35983.86
2014-12-20 20:54:32.470 Time of Last Boot: 2014-04-06 02:03:58
2014-12-20 20:54:32.470 Total Number of Boots: 120
2014-12-20 20:54:32.470 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-20 20:54:32.470 Total Number of Re-Syncs: 213
2014-12-20 20:54:32.470 Status Inputs: 00000000
2014-12-20 20:54:32.470 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-20 20:54:32.470 Clock Quality: 100%
2014-12-20 20:54:32.470 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-20 20:54:32.470 Clock Phase: 0 usec. max allowed=50000
2014-12-20 20:54:32.470 Boom positions:
2014-12-20 20:54:32.470 ch1: -2 ch2: 1 ch3: 1 ch4: 20 ch5: 20 ch6: 20
2014-12-20 20:54:32.470 Analog Status
2014-12-20 20:54:32.470 Analog Positive Supply: 5.46V
2014-12-20 20:54:32.470 Input Voltage: 13.20V
2014-12-20 20:54:32.470 System Temperature: 5C
2014-12-20 20:54:32.470 Main Current: 62ma
2014-12-20 20:54:32.470 Antenna Current: 0ma
2014-12-20 20:54:32.470 GPS Status
2014-12-20 20:54:32.470 Time: 20:54:31
2014-12-20 20:54:32.470 Date:
2014-12-20 20:54:32.470 Fix Type: 1-D
2014-12-20 20:54:32.470 Height:
2014-12-20 20:54:32.470 Latitude:
2014-12-20 20:54:32.470 Longitude:
2014-12-20 20:54:32.470 On Time: 0min
2014-12-20 20:54:32.470 Sat. Used: 0
2014-12-20 20:54:32.470 In View: 0
2014-12-20 20:54:32.470 Checksum Errors: 0
2014-12-20 20:54:32.470 Last GPS timemark: 2014-12-20 20:54:30
2014-12-20 20:54:32.470 PLL Status
2014-12-20 20:54:32.470 State: Lock
2014-12-20 20:54:32.470 Initial VCO: 2199.795410
2014-12-20 20:54:32.470 Time Error: 0.000000
2014-12-20 20:54:32.470 RMS VCO: 0.0000000

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2014-12-20 20:54:32.470 Best VCO: 2199.86  
 2014-12-20 20:54:32.470 Seconds Since Track or Lock: 0.0  
 2014-12-20 20:54:32.470 timing mode: external seascan  
 2014-12-20 20:54:32.470 tempco normal  
 2014-12-20 20:54:32.470 PLL update: 10s PLL lock criterion: 5us  
 2014-12-20 20:54:32.470 Pfrac: 150.00  
 2014-12-20 20:54:32.470 VCO slope: -0.0175000  
 2014-12-20 20:54:32.470 VCO intercept: 7.1100001  
 2014-12-20 20:54:32.470 km delta: 600.0000000  
 2014-12-20 20:54:32.470 Logical Port 4 Status  
 2014-12-20 20:54:32.470 Data Packets Sent: 25779455  
 2014-12-20 20:54:32.470 Flood Packets Sent: 0  
 2014-12-20 20:54:32.470 Packets Re-Sent: 41082  
 2014-12-20 20:54:32.470 Sequence Errors: 0  
 2014-12-20 20:54:32.470 Packet Buffer Used: 21885664  
 2014-12-20 20:54:32.470 Physical Port: Ethernet  
 2014-12-20 20:54:32.470 Baler Model: 14 Software Version: 2.28  
 2014-12-20 20:54:32.470 MAC Address: 00:04:FB:00:02:EA  
 2014-12-20 20:54:32.470 Disk Size: 20000669696  
 2014-12-20 20:54:32.470 Percent of 1177 data files in use: 49.2  
 2014-12-20 20:54:32.470 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-20 20:54:32.470 Channel Sensitivities (uV per count):  
 2014-12-20 20:54:32.470 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-20 20:54:32.470 Digitizer Calibration Results:  
 2014-12-20 20:54:32.470 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-20 20:54:32.470 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-20 20:54:32.470 DMU1 Software Version=10  
 2014-12-20 20:54:32.470 Supply Voltage=12.6  
 2014-12-20 20:54:32.470 Supply Current=0.40  
 2014-12-20 20:54:32.470 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-20 20:54:32.470 webLink Data Maps Restored  
 2014-12-20 20:54:32.470 [2014-12-20 08:53:36.999998] sequence resumes: 22315726 to  
 22315726  
 2014-12-20 20:54:32.470 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-20 20:54:31  
 2014-12-20 20:59:59.880 Reducing Status Polling Interval  
 2014-12-20 20:59:59.880 [2014-12-20 20:59:58.999998] total packets received: 46094  
 2014-12-20 20:59:59.880 [2014-12-20 20:59:58.999998] command timeouts: 6  
 2014-12-20 20:59:59.880 [2014-12-20 20:59:58.999998] out of window: 66  
 2014-12-20 20:59:59.880 written: HHZ-1142 HH1-1431 HH2-1308 BDH-420 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-20 20:59:59.880 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-12-20 20:59:59.880 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-20 20:59:59.880 [2014-12-20 20:59:58.999998] Done: 4439 recs. seq end:  
 22359308. run: 323 s  
 2014-12-21 09:00:52.390  
 2014-12-21 09:00:52.390 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-21 09:00:52.390 Control Port 2491 Opened  
 2014-12-21 09:00:52.390 Baler ready on Ethernet  
 2014-12-21 09:00:52.390 Power Cycled Baler Acknowledged  
 2014-12-21 09:00:52.390 Commands Accepted by Q330  
 2014-12-21 09:00:52.390 Access timeout: 300 sec  
 2014-12-21 09:00:52.390 Control Port 4023 Opened  
 2014-12-21 09:00:52.390 Data Port 4024 Opened  
 2014-12-21 09:00:52.390 Registered with Q330  
 2014-12-21 09:00:52.390 Combination Record Received  
 2014-12-21 09:00:52.390 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-21 09:00:52.390 Link Reset, starting window sequence: 1605  
 2014-12-21 09:00:52.390 GPS Receiver ID Received  
 2014-12-21 09:00:52.390 Manufacturer's Data Received, Property Tag=2017  
 2014-12-21 09:00:52.390 Digitizer Gain & Offsets Received  
 2014-12-21 09:00:52.390 Msg From 192.168.200.119:Baler XX-2017 readback. 4439 recs.

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seq end: 22359308

2014-12-21 09:00:52.390 Baler clock set to 2014-12-21 09:00:51  
 2014-12-21 09:00:52.390 Starting to Read DP Tokens  
 2014-12-21 09:00:52.390 DP Tokens loaded, size=1474 bytes  
 2014-12-21 09:00:52.390 webserver advertising 192.168.200.119:5380  
 2014-12-21 09:00:52.390 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-21 09:00:52.390 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-21 09:00:52.390 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-21 09:00:52.390 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-21 09:00:52.390 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-21 09:00:52.390 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-21 09:00:52.390 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-21 09:00:52.390 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-21 09:00:52.390 [2014-12-20 20:59:58.999998] continuity found: 22359308  
 472424399.000000 Q=100  
 2014-12-21 09:00:52.390 [2014-12-20 20:59:58.999998] restoring continuity  
 2014-12-21 09:00:52.390 Sending DT\_OPEN  
 2014-12-21 09:00:52.390 Station: XX-2017  
 2014-12-21 09:00:52.390 Q330 Serial Number: 0100000DB18FC351  
 2014-12-21 09:00:52.390 AMB Serial Number: 0100000B6909DD82  
 2014-12-21 09:00:52.390 Seismo 1 Serial Number: 0000000000000000  
 2014-12-21 09:00:52.390 Seismo 2 Serial Number: 0000000000000000  
 2014-12-21 09:00:52.390 QAPCHP 1 Serial Number: 4643206  
 2014-12-21 09:00:52.390 QAPCHP 2 Serial Number: 3743050  
 2014-12-21 09:00:52.390 KMI Property Tag Number: 2017  
 2014-12-21 09:00:52.390 System Software Version: 1.146  
 2014-12-21 09:00:52.390 Slave Processor Version: 1.11  
 2014-12-21 09:00:52.390 Calibrator Type: QCAL330  
 2014-12-21 09:00:52.390 Calibrator Version: 1.8  
 2014-12-21 09:00:52.390 Auxiliary Board Type: None  
 2014-12-21 09:00:52.390 Clock Type: Motorola M12  
 2014-12-21 09:00:52.390 PLD Version: 7.9  
 2014-12-21 09:00:52.390 Total Hours: 71365.58  
 2014-12-21 09:00:52.390 Power On Hours: 35995.96  
 2014-12-21 09:00:52.390 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-21 09:00:52.390 Total Number of Boots: 120  
 2014-12-21 09:00:52.390 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-21 09:00:52.390 Total Number of Re-Syncs: 213  
 2014-12-21 09:00:52.390 Status Inputs: 00000000  
 2014-12-21 09:00:52.390 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-21 09:00:52.390 Clock Quality: 100%  
 2014-12-21 09:00:52.390 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-21 09:00:52.390 Clock Phase: 1 usec. max allowed=50000  
 2014-12-21 09:00:52.390 Boom positions:  
 2014-12-21 09:00:52.390 Ch1: -2 Ch2: 1 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-21 09:00:52.390 Analog Status  
 2014-12-21 09:00:52.390 Analog Positive Supply: 5.46V  
 2014-12-21 09:00:52.390 Input Voltage: 13.35V  
 2014-12-21 09:00:52.390 System Temperature: 5C  
 2014-12-21 09:00:52.390 Main Current: 61ma  
 2014-12-21 09:00:52.390 Antenna Current: 0ma  
 2014-12-21 09:00:52.390 GPS Status  
 2014-12-21 09:00:52.390 Time: 09:00:51  
 2014-12-21 09:00:52.390 Date:  
 2014-12-21 09:00:52.390 Fix Type: 1-D  
 2014-12-21 09:00:52.390 Height:  
 2014-12-21 09:00:52.390 Latitude:  
 2014-12-21 09:00:52.390 Longitude:  
 2014-12-21 09:00:52.390 On Time: 0min  
 2014-12-21 09:00:52.390 Sat. Used: 0  
 2014-12-21 09:00:52.390 In View: 0  
 2014-12-21 09:00:52.390 Checksum Errors: 0  
 2014-12-21 09:00:52.390 Last GPS timemark: 2014-12-21 09:00:50

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2014-12-21 09:00:52.390 PLL Status
2014-12-21 09:00:52.390 State: Lock
2014-12-21 09:00:52.390 Initial VCO: 2199.180176
2014-12-21 09:00:52.390 Time Error: -0.000001
2014-12-21 09:00:52.390 RMS VCO: 0.0000000
2014-12-21 09:00:52.390 Best VCO: 2199.33
2014-12-21 09:00:52.390 Seconds Since Track or Lock: 0.0
2014-12-21 09:00:52.390 Vco Control: 2200
2014-12-21 09:00:52.390 timing mode: external seascan
2014-12-21 09:00:52.390 tempco normal
2014-12-21 09:00:52.390 PLL update: 10s PLL lock criterion: 5us
2014-12-21 09:00:52.390 Pfrac: 150.00
2014-12-21 09:00:52.390 VCO slope: -0.0175000
2014-12-21 09:00:52.390 VCO intercept: 7.1100001
2014-12-21 09:00:52.390 km delta: 600.0000000
2014-12-21 09:00:52.390 Logical Port 4 Status
2014-12-21 09:00:52.390 Data Packets Sent: 25825453
2014-12-21 09:00:52.390 Flood Packets Sent: 0
2014-12-21 09:00:52.390 Packets Re-Sent: 41162
2014-12-21 09:00:52.390 Sequence Errors: 0
2014-12-21 09:00:52.390 Packet Buffer Used: 21683660
2014-12-21 09:00:52.390 Physical Port: Ethernet
2014-12-21 09:00:52.390 Baler Model: 14 Software Version: 2.28
2014-12-21 09:00:52.390 MAC Address: 00:04:FB:00:02:EA
2014-12-21 09:00:52.390 Disk Size: 20000669696
2014-12-21 09:00:52.390 Percent of 1177 data files in use: 49.3
2014-12-21 09:00:52.390 Channels Enabled: 1234 Preamps ON channels:
2014-12-21 09:00:52.390 Channel Sensitivities (uV per count):
2014-12-21 09:00:52.390 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-21 09:00:52.390 Digitizer Calibration Results:
2014-12-21 09:00:52.390 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-21 09:00:52.390 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-21 09:00:52.390 DMU1 Software Version=10
2014-12-21 09:00:52.390 Supply Voltage=12.7
2014-12-21 09:00:52.390 Supply Current=0.41
2014-12-21 09:00:52.390 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-21 09:00:52.390 webLink Data Maps Restored
2014-12-21 09:00:52.390 [2014-12-20 20:59:58.999998] sequence resumes: 22359308 to
22359308
2014-12-21 09:00:52.390 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-21 09:00:51
2014-12-21 09:02:10.550 [2014-12-20 23:59:59.999998] Saving Configuration to Backup
Memory
2014-12-21 09:06:22.550 [2014-12-21 09:06:20.999998] total packets received: 47856
2014-12-21 09:06:22.550 [2014-12-21 09:06:20.999998] command timeouts: 6
2014-12-21 09:06:22.550 [2014-12-21 09:06:20.999998] out of window: 60
2014-12-21 09:06:22.550 written: HHZ-1159 HH1-1360 HH2-1313 BDH-418 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-12-21 09:06:22.550 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-23 LH2-24 LDH-24
VMZ-2 VM1-2
2014-12-21 09:06:22.550 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2014-12-21 09:06:22.550 [2014-12-21 09:06:20.999998] Done: 4392 recs. seq end:
22402890. run: 325 s
2014-12-21 21:07:13.410
2014-12-21 21:07:13.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-21 21:07:13.410 Control Port 2491 Opened
2014-12-21 21:07:13.410 Baler ready on Ethernet
2014-12-21 21:07:13.410 Power Cycled Baler Acknowledged
2014-12-21 21:07:13.410 Commands Accepted by Q330
2014-12-21 21:07:13.410 Access timeout: 300 sec
2014-12-21 21:07:13.410 Control Port 4023 Opened
2014-12-21 21:07:13.410 Data Port 4024 Opened
2014-12-21 21:07:13.410 Registered with Q330

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2014-12-21 21:07:13.410 Combination Record Received
2014-12-21 21:07:13.410 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-21 21:07:13.410 Link Reset, starting window sequence: 49366
2014-12-21 21:07:13.410 GPS Receiver ID Received
2014-12-21 21:07:13.410 Manufacturer's Data Received, Property Tag=2017
2014-12-21 21:07:13.410 Digitizer Gain & Offsets Received
2014-12-21 21:07:13.410 Msg From 192.168.200.119: Baler XX-2017 readback. 4392 recs.
seq end: 22402890
2014-12-21 21:07:13.410 Baler clock set to 2014-12-21 21:07:12
2014-12-21 21:07:13.410 Starting to Read DP Tokens
2014-12-21 21:07:13.410 DP Tokens loaded, size=1474 bytes
2014-12-21 21:07:13.410 webserver advertising 192.168.200.119:5380
2014-12-21 21:07:13.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-21 21:07:13.410 filters & delay HH1:2@100,Linear all=0.320000
2014-12-21 21:07:13.410 filters & delay HH2:3@100,Linear all=0.320000
2014-12-21 21:07:13.410 filters & delay BDH:4@20,Linear all=1.650000
2014-12-21 21:07:13.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-21 21:07:13.410 filters & delay LH1:2@1,Linear all=15.000000
2014-12-21 21:07:13.410 filters & delay LH2:3@1,Linear all=15.000000
2014-12-21 21:07:13.410 filters & delay LDH:4@1,Linear all=15.000000
2014-12-21 21:07:13.410 [2014-12-21 09:06:20.999998] continuity found: 22402890
472467981.000000 Q=100
2014-12-21 21:07:13.410 [2014-12-21 09:06:20.999998] restoring continuity
2014-12-21 21:07:13.410 Sending DT_OPEN
2014-12-21 21:07:13.410 Q330 Serial Number: 0100000DB18FC351
2014-12-21 21:07:13.410 AMB Serial Number: 0100000B6909DD82
2014-12-21 21:07:13.410 Seismo 1 Serial Number: 0000000000000000
2014-12-21 21:07:13.410 Seismo 2 Serial Number: 0000000000000000
2014-12-21 21:07:13.410 QAPCHP 1 Serial Number: 4643206
2014-12-21 21:07:13.410 QAPCHP 2 Serial Number: 3743050
2014-12-21 21:07:13.410 KMI Property Tag Number: 2017
2014-12-21 21:07:13.410 System Software Version: 1.146
2014-12-21 21:07:13.410 Slave Processor Version: 1.11
2014-12-21 21:07:13.410 Calibrator Type: QCAL330
2014-12-21 21:07:13.410 Calibrator Version: 1.8
2014-12-21 21:07:13.410 Auxiliary Board Type: None
2014-12-21 21:07:13.410 Clock Type: Motorola M12
2014-12-21 21:07:13.410 PLD Version: 7.9
2014-12-21 21:07:13.410 Total Hours: 71377.68
2014-12-21 21:07:13.410 Power On Hours: 36008.07
2014-12-21 21:07:13.410 Time of Last Boot: 2014-04-06 02:03:58
2014-12-21 21:07:13.410 Total Number of Boots: 120
2014-12-21 21:07:13.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-21 21:07:13.410 Total Number of Re-Syncs: 213
2014-12-21 21:07:13.410 Status Inputs: 00000000
2014-12-21 21:07:13.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-21 21:07:13.410 Clock Quality: 100%
2014-12-21 21:07:13.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-21 21:07:13.410 Clock Phase: 0 usec. max allowed=50000
2014-12-21 21:07:13.410 Boom positions:
2014-12-21 21:07:13.410 Ch1: -2 Ch2: 0 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-21 21:07:13.410 Analog Status
2014-12-21 21:07:13.410 Analog Positive Supply: 5.46V
2014-12-21 21:07:13.410 Input Voltage: 13.35V
2014-12-21 21:07:13.410 System Temperature: 5C
2014-12-21 21:07:13.410 Main Current: 62ma
2014-12-21 21:07:13.410 Antenna Current: 0ma
2014-12-21 21:07:13.410 GPS Status
2014-12-21 21:07:13.410 Time: 21:07:12
2014-12-21 21:07:13.410 Date:
2014-12-21 21:07:13.410 Fix Type: 1-D
2014-12-21 21:07:13.410 Height:
2014-12-21 21:07:13.410 Latitude:

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2014-12-21 21:07:13.410 Longitude:
2014-12-21 21:07:13.410 On Time: 0min
2014-12-21 21:07:13.410 Sat. Used: 0
2014-12-21 21:07:13.410 In View: 0
2014-12-21 21:07:13.410 Checksum Errors: 0
2014-12-21 21:07:13.410 Last GPS timemark: 2014-12-21 21:07:11
2014-12-21 21:07:13.410 PLL Status
2014-12-21 21:07:13.410 State: Lock
2014-12-21 21:07:13.410 Initial VCO: 2199.000244
2014-12-21 21:07:13.410 Time Error: 0.000000
2014-12-21 21:07:13.410 RMS VCO: 0.0000000
2014-12-21 21:07:13.410 Best VCO: 2199.00
2014-12-21 21:07:13.410 Seconds Since Track or Lock: 0.0
2014-12-21 21:07:13.410 Vco Control: 2199
2014-12-21 21:07:13.410 timing mode: external seascan
2014-12-21 21:07:13.410 tempco normal
2014-12-21 21:07:13.410 PLL update: 10s PLL lock criterion: 5us
2014-12-21 21:07:13.410 Pfrac: 150.00
2014-12-21 21:07:13.410 VCO slope: -0.0175000
2014-12-21 21:07:13.410 VCO intercept: 7.1100001
2014-12-21 21:07:13.410 km delta: 600.0000000
2014-12-21 21:07:13.410 Logical Port 4 Status
2014-12-21 21:07:13.410 Data Packets Sent: 25873219
2014-12-21 21:07:13.410 Flood Packets Sent: 0
2014-12-21 21:07:13.410 Packets Re-Sent: 41245
2014-12-21 21:07:13.410 Sequence Errors: 0
2014-12-21 21:07:13.410 Packet Buffer Used: 21871912
2014-12-21 21:07:13.410 Physical Port: Ethernet
2014-12-21 21:07:13.410 Baler Model: 14 Software Version: 2.28
2014-12-21 21:07:13.410 MAC Address: 00:04:FB:00:02:EA
2014-12-21 21:07:13.410 Disk Size: 20000669696
2014-12-21 21:07:13.410 Percent of 1177 data files in use: 49.4
2014-12-21 21:07:13.410 Channels Enabled: 1234 Preamps ON channels:
2014-12-21 21:07:13.410 Channel sensitivities (uV per count):
2014-12-21 21:07:13.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-21 21:07:13.410 Digitizer Calibration Results:
2014-12-21 21:07:13.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-21 21:07:13.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-21 21:07:13.410 DMU1 Software Version=10
2014-12-21 21:07:13.410 Supply Voltage=12.7
2014-12-21 21:07:13.410 Supply Current=0.40
2014-12-21 21:07:13.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-21 21:07:13.410 webLink Data Maps Restored
2014-12-21 21:07:13.410 [2014-12-21 09:06:20.999998] sequence resumes: 22402890 to
22402890
2014-12-21 21:07:13.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-21 21:07:12
2014-12-21 21:12:40.660 Reducing Status Polling Interval
2014-12-21 21:12:40.660 [2014-12-21 21:12:39.999998] total packets received: 46912
2014-12-21 21:12:40.660 [2014-12-21 21:12:39.999998] command timeouts: 6
2014-12-21 21:12:40.660 [2014-12-21 21:12:39.999998] out of window: 58
2014-12-21 21:12:40.660 written: HHZ-1161 HH1-1419 HH2-1301 BDH-422 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2014-12-21 21:12:40.660 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2014-12-21 21:12:40.660 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-21 21:12:40.660 [2014-12-21 21:12:39.999998] Done: 4434 recs. seq end:
22446469. run: 323 s
2014-12-22 09:13:34.370
2014-12-22 09:13:34.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-22 09:13:34.370 Control Port 2491 Opened
2014-12-22 09:13:34.370 Baler ready on Ethernet
2014-12-22 09:13:34.370 Power Cycled Baler Acknowledged

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2014-12-22 09:13:34.370 Commands Accepted by Q330
2014-12-22 09:13:34.370 Access timeout: 300 sec
2014-12-22 09:13:34.370 Control Port 4023 Opened
2014-12-22 09:13:34.370 Data Port 4024 Opened
2014-12-22 09:13:34.370 Registered with Q330
2014-12-22 09:13:34.370 Combination Record Received
2014-12-22 09:13:34.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-22 09:13:34.370 Link Reset, starting window sequence: 30648
2014-12-22 09:13:34.370 GPS Receiver ID Received
2014-12-22 09:13:34.370 Manufacturer's Data Received, Property Tag=2017
2014-12-22 09:13:34.370 Digitizer Gain & Offsets Received
2014-12-22 09:13:34.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4434 recs.
seq end: 22446469
2014-12-22 09:13:34.370 Baler clock set to 2014-12-22 09:13:33
2014-12-22 09:13:34.370 Starting to Read DP Tokens
2014-12-22 09:13:34.370 DP Tokens loaded, size=1474 bytes
2014-12-22 09:13:34.370 webserver advertising 192.168.200.119:5380
2014-12-22 09:13:34.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-22 09:13:34.370 filters & delay HH1:2@100,Linear all=0.320000
2014-12-22 09:13:34.370 filters & delay HH2:3@100,Linear all=0.320000
2014-12-22 09:13:34.370 filters & delay BDH:4@20,Linear all=1.650000
2014-12-22 09:13:34.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-22 09:13:34.370 filters & delay LH1:2@1,Linear all=15.000000
2014-12-22 09:13:34.370 filters & delay LH2:3@1,Linear all=15.000000
2014-12-22 09:13:34.370 filters & delay LDH:4@1,Linear all=15.000000
2014-12-22 09:13:34.370 [2014-12-21 21:12:39.999998] continuity found: 22446469
472511560.000000 Q=100
2014-12-22 09:13:34.370 [2014-12-21 21:12:39.999998] restoring continuity
2014-12-22 09:13:34.370 Sending DT_OPEN
2014-12-22 09:13:34.370 Station: XX-2017
2014-12-22 09:13:34.370 Q330 Serial Number: 0100000DB18FC351
2014-12-22 09:13:34.370 AMB Serial Number: 0100000B6909DD82
2014-12-22 09:13:34.370 Seismo 1 Serial Number: 0000000000000000
2014-12-22 09:13:34.370 Seismo 2 Serial Number: 0000000000000000
2014-12-22 09:13:34.370 QAPCHP 1 Serial Number: 4643206
2014-12-22 09:13:34.370 QAPCHP 2 Serial Number: 3743050
2014-12-22 09:13:34.370 KMI Property Tag Number: 2017
2014-12-22 09:13:34.370 System Software Version: 1.146
2014-12-22 09:13:34.370 Slave Processor Version: 1.11
2014-12-22 09:13:34.370 Calibrator Type: QCAL330
2014-12-22 09:13:34.370 Calibrator Version: 1.8
2014-12-22 09:13:34.370 Auxiliary Board Type: None
2014-12-22 09:13:34.370 Clock Type: Motorola M12
2014-12-22 09:13:34.370 PLD Version: 7.9
2014-12-22 09:13:34.370 Total Hours: 71389.79
2014-12-22 09:13:34.370 Power On Hours: 36020.17
2014-12-22 09:13:34.370 Time of Last Boot: 2014-04-06 02:03:58
2014-12-22 09:13:34.370 Total Number of Boots: 120
2014-12-22 09:13:34.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-22 09:13:34.370 Total Number of Re-Syncs: 213
2014-12-22 09:13:34.370 Status Inputs: 00000000
2014-12-22 09:13:34.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-22 09:13:34.370 Clock Quality: 100%
2014-12-22 09:13:34.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-22 09:13:34.370 Clock Phase: 0 usec. max allowed=50000
2014-12-22 09:13:34.370 Boom positions:
2014-12-22 09:13:34.370 ch1: -2 ch2: -1 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2014-12-22 09:13:34.370 Analog Status
2014-12-22 09:13:34.370 Analog Positive Supply: 5.46V
2014-12-22 09:13:34.370 Input Voltage: 13.35V
2014-12-22 09:13:34.370 System Temperature: 5C
2014-12-22 09:13:34.370 Main Current: 62ma
2014-12-22 09:13:34.370 Antenna Current: 0ma

```

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2014-12-22 09:13:34.370 GPS Status  
 2014-12-22 09:13:34.370 Time: 09:13:33  
 2014-12-22 09:13:34.370 Date:  
 2014-12-22 09:13:34.370 Fix Type: 1-D  
 2014-12-22 09:13:34.370 Height:  
 2014-12-22 09:13:34.370 Latitude:  
 2014-12-22 09:13:34.370 Longitude:  
 2014-12-22 09:13:34.370 On Time: 0min  
 2014-12-22 09:13:34.370 Sat. Used: 0  
 2014-12-22 09:13:34.370 In View: 0  
 2014-12-22 09:13:34.370 Checksum Errors: 0  
 2014-12-22 09:13:34.370 Last GPS timemark: 2014-12-22 09:13:32  
 2014-12-22 09:13:34.370 PLL Status  
 2014-12-22 09:13:34.370 State: Lock  
 2014-12-22 09:13:34.370 Initial VCO: 2198.996826  
 2014-12-22 09:13:34.370 Time Error: 0.000000  
 2014-12-22 09:13:34.370 RMS VCO: 0.0000000  
 2014-12-22 09:13:34.370 Best VCO: 2199.00  
 2014-12-22 09:13:34.370 Seconds Since Track or Lock: 0.0  
 2014-12-22 09:13:34.370 Vco Control: 2199  
 2014-12-22 09:13:34.370 timing mode: external seascan  
 2014-12-22 09:13:34.370 tempco normal  
 2014-12-22 09:13:34.370 PLL update: 10s PLL lock criterion: 5us  
 2014-12-22 09:13:34.370 Pfrac: 150.00  
 2014-12-22 09:13:34.370 VCO slope: -0.0175000  
 2014-12-22 09:13:34.370 VCO intercept: 7.1100001  
 2014-12-22 09:13:34.370 km delta: 600.0000000  
 2014-12-22 09:13:34.370 Logical Port 4 Status  
 2014-12-22 09:13:34.370 Data Packets Sent: 25920043  
 2014-12-22 09:13:34.370 Flood Packets Sent: 0  
 2014-12-22 09:13:34.370 Packets Re-Sent: 41318  
 2014-12-22 09:13:34.370 Sequence Errors: 0  
 2014-12-22 09:13:34.370 Packet Buffer Used: 21665728  
 2014-12-22 09:13:34.370 Physical Port: Ethernet  
 2014-12-22 09:13:34.370 Baler Model: 14 Software Version: 2.28  
 2014-12-22 09:13:34.370 MAC Address: 00:04:FB:00:02:EA  
 2014-12-22 09:13:34.370 Disk Size: 20000669696  
 2014-12-22 09:13:34.370 Percent of 1177 data files in use: 49.4  
 2014-12-22 09:13:34.370 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-22 09:13:34.370 Channel Sensitivities (uV per count):  
 2014-12-22 09:13:34.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-22 09:13:34.370 Digitizer Calibration Results:  
 2014-12-22 09:13:34.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-22 09:13:34.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-22 09:13:34.370 DMU1 Software Version=10  
 2014-12-22 09:13:34.370 Supply Voltage=12.7  
 2014-12-22 09:13:34.370 Supply Current=0.41  
 2014-12-22 09:13:34.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-22 09:13:34.370 webLink Data Maps Restored  
 2014-12-22 09:13:34.370 [2014-12-21 21:12:39.999998] sequence resumes: 22446469 to  
 22446469  
 2014-12-22 09:13:34.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-22 09:13:33  
 2014-12-22 09:14:51.050 [2014-12-22 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2014-12-22 09:19:03.490 [2014-12-22 09:19:02.999998] total packets received: 45110  
 2014-12-22 09:19:03.490 [2014-12-22 09:19:02.999998] command timeouts: 6  
 2014-12-22 09:19:03.490 [2014-12-22 09:19:02.999998] out of window: 65  
 2014-12-22 09:19:03.490 written: HHZ-1138 HH1-1319 HH2-1352 BDH-437 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-22 09:19:03.490 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VM1-2  
 2014-12-22 09:19:03.490 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2

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2014-12-22 09:19:03.490 [2014-12-22 09:19:02.999998] Done: 4391 recs. seq end:
22490052. run: 324 s
2014-12-22 21:19:57.370
2014-12-22 21:19:57.370 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-22 21:19:57.370 Control Port 2491 Opened
2014-12-22 21:19:57.370 Baler ready on Ethernet
2014-12-22 21:19:57.370 Power Cycled Baler Acknowledged
2014-12-22 21:19:57.370 Commands Accepted by Q330
2014-12-22 21:19:57.370 Access timeout: 300 sec
2014-12-22 21:19:57.370 Control Port 4023 Opened
2014-12-22 21:19:57.370 Data Port 4024 Opened
2014-12-22 21:19:57.370 Registered with Q330
2014-12-22 21:19:57.370 Combination Record Received
2014-12-22 21:19:57.370 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-22 21:19:57.370 Link Reset, starting window sequence: 10122
2014-12-22 21:19:57.370 GPS Receiver ID Received
2014-12-22 21:19:57.370 Manufacturer's Data Received, Property Tag=2017
2014-12-22 21:19:57.370 Digitizer Gain & Offsets Received
2014-12-22 21:19:57.370 Msg From 192.168.200.119:Baler XX-2017 readback. 4391 recs.
seq end: 22490052
2014-12-22 21:19:57.370 Baler clock set to 2014-12-22 21:19:56
2014-12-22 21:19:57.370 Starting to Read DP Tokens
2014-12-22 21:19:57.370 DP Tokens loaded, size=1474 bytes
2014-12-22 21:19:57.370 Webserver advertising 192.168.200.119:5380
2014-12-22 21:19:57.370 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-22 21:19:57.370 filters & delay HH1:2@100,Linear all=0.320000
2014-12-22 21:19:57.370 filters & delay HH2:3@100,Linear all=0.320000
2014-12-22 21:19:57.370 filters & delay BDH:4@20,Linear all=1.650000
2014-12-22 21:19:57.370 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-22 21:19:57.370 filters & delay LH1:2@1,Linear all=15.000000
2014-12-22 21:19:57.370 filters & delay LH2:3@1,Linear all=15.000000
2014-12-22 21:19:57.370 filters & delay LDH:4@1,Linear all=15.000000
2014-12-22 21:19:57.370 [2014-12-22 09:19:02.999998] continuity found: 22490052
472555143.000000 Q=100
2014-12-22 21:19:57.370 [2014-12-22 09:19:02.999998] restoring continuity
2014-12-22 21:19:57.370 Sending DT_OPEN
2014-12-22 21:19:57.370 Station: XX-2017
2014-12-22 21:19:57.370 Q330 Serial Number: 0100000DB18FC351
2014-12-22 21:19:57.370 AMB Serial Number: 0100000B6909DD82
2014-12-22 21:19:57.370 Seismo 1 Serial Number: 0000000000000000
2014-12-22 21:19:57.370 Seismo 2 Serial Number: 0000000000000000
2014-12-22 21:19:57.370 QAPCHP 1 Serial Number: 4643206
2014-12-22 21:19:57.370 QAPCHP 2 Serial Number: 3743050
2014-12-22 21:19:57.370 KMI Property Tag Number: 2017
2014-12-22 21:19:57.370 System Software Version: 1.146
2014-12-22 21:19:57.370 Slave Processor Version: 1.11
2014-12-22 21:19:57.370 Calibrator Type: QCAL330
2014-12-22 21:19:57.370 Calibrator Version: 1.8
2014-12-22 21:19:57.370 Auxiliary Board Type: None
2014-12-22 21:19:57.370 Clock Type: Motorola M12
2014-12-22 21:19:57.370 PLD Version: 7.9
2014-12-22 21:19:57.370 Total Hours: 71401.90
2014-12-22 21:19:57.370 Power On Hours: 36032.28
2014-12-22 21:19:57.370 Time of Last Boot: 2014-04-06 02:03:58
2014-12-22 21:19:57.370 Total Number of Boots: 120
2014-12-22 21:19:57.370 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-22 21:19:57.370 Total Number of Re-Syncs: 213
2014-12-22 21:19:57.370 Status Inputs: 00000000
2014-12-22 21:19:57.370 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-22 21:19:57.370 Clock Quality: 100%
2014-12-22 21:19:57.370 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-22 21:19:57.370 Clock Phase: 0 usec. max allowed=50000
2014-12-22 21:19:57.370 Boom positions:

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2014-12-22 21:19:57.370 Ch1: -2 Ch2: -1 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-22 21:19:57.370 Analog Status
2014-12-22 21:19:57.370 Analog Positive Supply: 5.46V
2014-12-22 21:19:57.370 Input Voltage: 13.20V
2014-12-22 21:19:57.370 System Temperature: 5C
2014-12-22 21:19:57.370 Main Current: 62ma
2014-12-22 21:19:57.370 Antenna Current: 0ma
2014-12-22 21:19:57.370 GPS Status
2014-12-22 21:19:57.370 Time: 21:19:56
2014-12-22 21:19:57.370 Date:
2014-12-22 21:19:57.370 Fix Type: 1-D
2014-12-22 21:19:57.370 Height:
2014-12-22 21:19:57.370 Latitude:
2014-12-22 21:19:57.370 Longitude:
2014-12-22 21:19:57.370 On Time: 0min
2014-12-22 21:19:57.370 Sat. Used: 0
2014-12-22 21:19:57.370 In View: 0
2014-12-22 21:19:57.370 Checksum Errors: 0
2014-12-22 21:19:57.370 Last GPS timemark: 2014-12-22 21:19:55
2014-12-22 21:19:57.370 PLL Status
2014-12-22 21:19:57.370 State: Lock
2014-12-22 21:19:57.370 Initial VCO: 2198.960938
2014-12-22 21:19:57.370 Time Error: 0.000000
2014-12-22 21:19:57.370 RMS VCO: 0.0000000
2014-12-22 21:19:57.370 Best VCO: 2199.10
2014-12-22 21:19:57.370 Seconds Since Track or Lock: 0.0
2014-12-22 21:19:57.370 Vco Control: 2199
2014-12-22 21:19:57.370 timing mode: external seascan
2014-12-22 21:19:57.370 tempco normal
2014-12-22 21:19:57.370 PLL update: 10s PLL lock criterion: 5us
2014-12-22 21:19:57.370 Pfrac: 150.00
2014-12-22 21:19:57.370 VCO slope: -0.0175000
2014-12-22 21:19:57.370 VCO intercept: 7.1100001
2014-12-22 21:19:57.370 Km delta: 600.0000000
2014-12-22 21:19:57.370 Logical Port 4 Status
2014-12-22 21:19:57.370 Data Packets Sent: 25965058
2014-12-22 21:19:57.370 Flood Packets Sent: 0
2014-12-22 21:19:57.370 Packets Re-Sent: 41403
2014-12-22 21:19:57.370 Sequence Errors: 0
2014-12-22 21:19:57.370 Packet Buffer Used: 22628548
2014-12-22 21:19:57.370 Physical Port: Ethernet
2014-12-22 21:19:57.370 Baler Model: 14 Software Version: 2.28
2014-12-22 21:19:57.370 MAC Address: 00:04:FB:00:02:EA
2014-12-22 21:19:57.370 Disk Size: 20000669696
2014-12-22 21:19:57.370 Percent of 1177 data files in use: 49.6
2014-12-22 21:19:57.370 Channels Enabled: 1234 Preamps ON channels:
2014-12-22 21:19:57.370 Channel Sensitivities (uV per count):
2014-12-22 21:19:57.370 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-22 21:19:57.370 Digitizer Calibration Results:
2014-12-22 21:19:57.370 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-22 21:19:57.370 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-22 21:19:57.370 DMU1 Software Version=10
2014-12-22 21:19:57.370 Supply Voltage=12.7
2014-12-22 21:19:57.370 Supply Current=0.41
2014-12-22 21:19:57.370 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-22 21:19:57.370 WebLink Data Maps Restored
2014-12-22 21:19:57.370 [2014-12-22 09:19:02.999998] sequence resumes: 22490052 to
22490052
2014-12-22 21:19:57.370 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-12-22 21:19:56
2014-12-22 21:25:27.420 [2014-12-22 21:18:49.000000] total packets received: 48748
2014-12-22 21:25:27.420 [2014-12-22 21:18:49.000000] command timeouts: 6
2014-12-22 21:25:27.420 [2014-12-22 21:18:49.000000] out of window: 58

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2014-12-22 21:25:27.420 written: HHZ-1189 HH1-1399 HH2-1403 BDH-446 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-12-22 21:25:27.420 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-27 LH2-26 LDH-31
VMZ-2 VM1-2
2014-12-22 21:25:27.420 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-22 21:25:27.420 [2014-12-22 21:18:49.000000] Done: 4591 recs. seq end:
22533238. run: 325 s
2014-12-23 09:26:21.410
2014-12-23 09:26:21.410 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-23 09:26:21.410 Control Port 2491 Opened
2014-12-23 09:26:21.410 Baler ready on Ethernet
2014-12-23 09:26:21.410 Power Cycled Baler Acknowledged
2014-12-23 09:26:21.410 Commands Accepted by Q330
2014-12-23 09:26:21.410 Access timeout: 300 sec
2014-12-23 09:26:21.410 Control Port 4023 Opened
2014-12-23 09:26:21.410 Data Port 4024 Opened
2014-12-23 09:26:21.410 Registered with Q330
2014-12-23 09:26:21.410 Combination Record Received
2014-12-23 09:26:21.410 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-23 09:26:21.410 Link Reset, starting window sequence: 58777
2014-12-23 09:26:21.410 GPS Receiver ID Received
2014-12-23 09:26:21.410 Manufacturer's Data Received, Property Tag=2017
2014-12-23 09:26:21.410 Digitizer Gain & Offsets Received
2014-12-23 09:26:21.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4591 recs.
seq end: 22533238
2014-12-23 09:26:21.410 Baler clock set to 2014-12-23 09:26:20
2014-12-23 09:26:21.410 Starting to Read DP Tokens
2014-12-23 09:26:21.410 DP Tokens loaded, size=1474 bytes
2014-12-23 09:26:21.410 webserver advertising 192.168.200.119:5380
2014-12-23 09:26:21.410 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-23 09:26:21.410 filters & delay HH1:2@100,Linear all=0.320000
2014-12-23 09:26:21.410 filters & delay HH2:3@100,Linear all=0.320000
2014-12-23 09:26:21.410 filters & delay BDH:4@20,Linear all=1.650000
2014-12-23 09:26:21.410 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-23 09:26:21.410 filters & delay LH1:2@1,Linear all=15.000000
2014-12-23 09:26:21.410 filters & delay LH2:3@1,Linear all=15.000000
2014-12-23 09:26:21.410 filters & delay LDH:4@1,Linear all=15.000000
2014-12-23 09:26:21.410 [2014-12-22 21:18:49.000000] continuity found: 22533238
472598329.000000 Q=100
2014-12-23 09:26:21.410 [2014-12-22 21:18:49.000000] restoring continuity
2014-12-23 09:26:21.410 Sending DT_OPEN
2014-12-23 09:26:21.410 Station: XX-2017
2014-12-23 09:26:21.410 Q330 Serial Number: 0100000DB18FC351
2014-12-23 09:26:21.410 AMB Serial Number: 0100000B6909DD82
2014-12-23 09:26:21.410 Seismo 1 Serial Number: 0000000000000000
2014-12-23 09:26:21.410 Seismo 2 Serial Number: 0000000000000000
2014-12-23 09:26:21.410 QAPCHP 1 Serial Number: 4643206
2014-12-23 09:26:21.410 QAPCHP 2 Serial Number: 3743050
2014-12-23 09:26:21.410 KMI Property Tag Number: 2017
2014-12-23 09:26:21.410 System Software Version: 1.146
2014-12-23 09:26:21.410 Slave Processor Version: 1.11
2014-12-23 09:26:21.410 Calibrator Type: QCAL330
2014-12-23 09:26:21.410 Calibrator Version: 1.8
2014-12-23 09:26:21.410 Auxiliary Board Type: None
2014-12-23 09:26:21.410 Clock Type: Motorola M12
2014-12-23 09:26:21.410 PLD Version: 7.9
2014-12-23 09:26:21.410 Total Hours: 71414.00
2014-12-23 09:26:21.410 Power On Hours: 36044.39
2014-12-23 09:26:21.410 Time of Last Boot: 2014-04-06 02:03:58
2014-12-23 09:26:21.410 Total Number of Boots: 120
2014-12-23 09:26:21.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-23 09:26:21.410 Total Number of Re-Syncs: 213
2014-12-23 09:26:21.410 Status Inputs: 00000000

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2014-12-23 09:26:21.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-23 09:26:21.410 Clock Quality: 100%  
 2014-12-23 09:26:21.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-23 09:26:21.410 Clock Phase: 0 usec. max allowed=50000  
 2014-12-23 09:26:21.410 Boom positions:  
 2014-12-23 09:26:21.410 Ch1: -2 Ch2: -2 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-23 09:26:21.410 Analog Status  
 2014-12-23 09:26:21.410 Analog Positive Supply: 5.46v  
 2014-12-23 09:26:21.410 Input Voltage: 13.20V  
 2014-12-23 09:26:21.410 System Temperature: 5C  
 2014-12-23 09:26:21.410 Main Current: 62ma  
 2014-12-23 09:26:21.410 Antenna Current: 0ma  
 2014-12-23 09:26:21.410 GPS Status  
 2014-12-23 09:26:21.410 Time: 09:26:20  
 2014-12-23 09:26:21.410 Date:  
 2014-12-23 09:26:21.410 Height:  
 2014-12-23 09:26:21.410 Latitude:  
 2014-12-23 09:26:21.410 Longitude:  
 2014-12-23 09:26:21.410 On Time: 0min  
 2014-12-23 09:26:21.410 Sat. Used: 0  
 2014-12-23 09:26:21.410 In View: 0  
 2014-12-23 09:26:21.410 Checksum Errors: 0  
 2014-12-23 09:26:21.410 Last GPS timemark: 2014-12-23 09:26:19  
 2014-12-23 09:26:21.410 PLL Status  
 2014-12-23 09:26:21.410 State: Lock  
 2014-12-23 09:26:21.410 Initial VCO: 2199.039795  
 2014-12-23 09:26:21.410 Time Error: 0.000000  
 2014-12-23 09:26:21.410 RMS VCO: 0.0000000  
 2014-12-23 09:26:21.410 Best VCO: 2199.23  
 2014-12-23 09:26:21.410 Seconds Since Track or Lock: 0.0  
 2014-12-23 09:26:21.410 Vco Control: 2199  
 2014-12-23 09:26:21.410 timing mode: external seascan  
 2014-12-23 09:26:21.410 tempco normal  
 2014-12-23 09:26:21.410 PLL update: 10s PLL lock criterion: 5us  
 2014-12-23 09:26:21.410 Pfrac: 150.00  
 2014-12-23 09:26:21.410 VCO slope: -0.0175000  
 2014-12-23 09:26:21.410 VCO intercept: 7.1100001  
 2014-12-23 09:26:21.410 Km delta: 600.0000000  
 2014-12-23 09:26:21.410 Logical Port 4 Status  
 2014-12-23 09:26:21.410 Data Packets Sent: 26013718  
 2014-12-23 09:26:21.410 Flood Packets Sent: 0  
 2014-12-23 09:26:21.410 Packets Re-Sent: 41479  
 2014-12-23 09:26:21.410 Sequence Errors: 0  
 2014-12-23 09:26:21.410 Packet Buffer Used: 23114668  
 2014-12-23 09:26:21.410 Physical Port: Ethernet  
 2014-12-23 09:26:21.410 Baler Model: 14 Software Version: 2.28  
 2014-12-23 09:26:21.410 MAC Address: 00:04:FB:00:02:EA  
 2014-12-23 09:26:21.410 Disk Size: 20000669696  
 2014-12-23 09:26:21.410 Percent of 1177 data files in use: 49.7  
 2014-12-23 09:26:21.410 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-23 09:26:21.410 Channel Sensitivities (uV per count):  
 2014-12-23 09:26:21.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-23 09:26:21.410 Digitizer Calibration Results:  
 2014-12-23 09:26:21.410 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-23 09:26:21.410 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-23 09:26:21.410 DMU1 Software Version=10  
 2014-12-23 09:26:21.410 Supply Voltage=12.6  
 2014-12-23 09:26:21.410 Supply Current=0.41  
 2014-12-23 09:26:21.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-23 09:26:21.410 webLink Data Maps Restored  
 2014-12-23 09:26:21.410 [2014-12-22 21:18:49.000000] sequence resumes: 22533238 to 22533238  
 2014-12-23 09:26:21.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg

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2014-12-23 09:26:20
2014-12-23 09:27:35.720 [2014-12-23 00:00:00.000000] Saving Configuration to Backup
Memory
2014-12-23 09:32:05.740 Reducing Status Polling Interval
2014-12-23 09:32:05.740 [2014-12-23 09:32:04.999998] total packets received: 54205
2014-12-23 09:32:05.740 [2014-12-23 09:32:04.999998] command timeouts: 6
2014-12-23 09:32:05.740 [2014-12-23 09:32:04.999998] out of window: 60
2014-12-23 09:32:05.740 written: HHZ-1207 HH1-1455 HH2-1468 BDH-455 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-12-23 09:32:05.740 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-26 LDH-31
VMZ-1 VM1-1
2014-12-23 09:32:05.740 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2014-12-23 09:32:05.740 [2014-12-23 09:32:04.999998] Done: 4731 recs. seq end:
22577234. run: 340 s
2014-12-23 21:32:59.450
2014-12-23 21:32:59.450 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-23 21:32:59.450 Control Port 2491 Opened
2014-12-23 21:32:59.450 Baler ready on Ethernet
2014-12-23 21:32:59.450 Power Cycled Baler Acknowledged
2014-12-23 21:32:59.450 Commands Accepted by Q330
2014-12-23 21:32:59.450 Access timeout: 300 sec
2014-12-23 21:32:59.450 Control Port 4023 Opened
2014-12-23 21:32:59.450 Data Port 4024 Opened
2014-12-23 21:32:59.450 Registered with Q330
2014-12-23 21:32:59.450 Combination Record Received
2014-12-23 21:32:59.450 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-23 21:32:59.450 Link Reset, starting window sequence: 47349
2014-12-23 21:32:59.450 GPS Receiver ID Received
2014-12-23 21:32:59.450 Manufacturer's Data Received, Property Tag=2017
2014-12-23 21:32:59.450 Digitizer Gain & Offsets Received
2014-12-23 21:32:59.450 Msg From 192.168.200.119:Baler XX-2017 readback. 4731 recs.
seq end: 22577234
2014-12-23 21:32:59.450 Baler clock set to 2014-12-23 21:32:58
2014-12-23 21:32:59.450 Starting to Read DP Tokens
2014-12-23 21:32:59.450 DP Tokens loaded, size=1474 bytes
2014-12-23 21:32:59.450 Webserver advertising 192.168.200.119:5380
2014-12-23 21:32:59.450 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-23 21:32:59.450 filters & delay HH1:2@100,Linear all=0.320000
2014-12-23 21:32:59.450 filters & delay HH2:3@100,Linear all=0.320000
2014-12-23 21:32:59.450 filters & delay BDH:4@20,Linear all=1.650000
2014-12-23 21:32:59.450 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-23 21:32:59.450 filters & delay LH1:2@1,Linear all=15.000000
2014-12-23 21:32:59.450 filters & delay LH2:3@1,Linear all=15.000000
2014-12-23 21:32:59.450 filters & delay LDH:4@1,Linear all=15.000000
2014-12-23 21:32:59.450 [2014-12-23 09:32:04.999998] continuity found: 22577234
472642325.000000 Q=100
2014-12-23 21:32:59.450 [2014-12-23 09:32:04.999998] restoring continuity
2014-12-23 21:32:59.450 Sending DT_OPEN
2014-12-23 21:32:59.450 Station: XX-2017
2014-12-23 21:32:59.450 Q330 Serial Number: 0100000DB18FC351
2014-12-23 21:32:59.450 AMB Serial Number: 0100000B6909DD82
2014-12-23 21:32:59.450 Seismo 1 Serial Number: 0000000000000000
2014-12-23 21:32:59.450 Seismo 2 Serial Number: 0000000000000000
2014-12-23 21:32:59.450 QAPCHP 1 Serial Number: 4643206
2014-12-23 21:32:59.450 QAPCHP 2 Serial Number: 3743050
2014-12-23 21:32:59.450 KMI Property Tag Number: 2017
2014-12-23 21:32:59.450 System Software Version: 1.146
2014-12-23 21:32:59.450 Slave Processor Version: 1.11
2014-12-23 21:32:59.450 Calibrator Type: QCAL330
2014-12-23 21:32:59.450 Calibrator Version: 1.8
2014-12-23 21:32:59.450 Auxiliary Board Type: None
2014-12-23 21:32:59.450 Clock Type: Motorola M12
2014-12-23 21:32:59.450 PLD Version: 7.9

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2014-12-23 21:32:59.450 Total Hours: 71426.11  
 2014-12-23 21:32:59.450 Power On Hours: 36056.50  
 2014-12-23 21:32:59.450 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-23 21:32:59.450 Total Number of Boots: 120  
 2014-12-23 21:32:59.450 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-23 21:32:59.450 Total Number of Re-Syncs: 213  
 2014-12-23 21:32:59.450 Status Inputs: 00000000  
 2014-12-23 21:32:59.450 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-23 21:32:59.450 Clock Quality: 100%  
 2014-12-23 21:32:59.450 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-23 21:32:59.450 Clock Phase: 0 usec. max allowed=50000  
 2014-12-23 21:32:59.450 Boom positions:  
 2014-12-23 21:32:59.450 ch1: -2 ch2: -3 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2014-12-23 21:32:59.450 Analog Status  
 2014-12-23 21:32:59.450 Analog Positive Supply: 5.46V  
 2014-12-23 21:32:59.450 Input Voltage: 13.35V  
 2014-12-23 21:32:59.450 System Temperature: 5C  
 2014-12-23 21:32:59.450 Main Current: 62ma  
 2014-12-23 21:32:59.450 Antenna Current: 0ma  
 2014-12-23 21:32:59.450 GPS Status  
 2014-12-23 21:32:59.450 Time: 21:32:58  
 2014-12-23 21:32:59.450 Date:  
 2014-12-23 21:32:59.450 Fix Type: 1-D  
 2014-12-23 21:32:59.450 Height:  
 2014-12-23 21:32:59.450 Latitude:  
 2014-12-23 21:32:59.450 Longitude:  
 2014-12-23 21:32:59.450 On Time: 0min  
 2014-12-23 21:32:59.450 Sat. Used: 0  
 2014-12-23 21:32:59.450 In View: 0  
 2014-12-23 21:32:59.450 Checksum Errors: 0  
 2014-12-23 21:32:59.450 Last GPS timemark: 2014-12-23 21:32:57  
 2014-12-23 21:32:59.450 PLL Status  
 2014-12-23 21:32:59.450 State: Lock  
 2014-12-23 21:32:59.450 Initial VCO: 2198.969727  
 2014-12-23 21:32:59.450 Time Error: 0.000000  
 2014-12-23 21:32:59.450 RMS VCO: 0.000000  
 2014-12-23 21:32:59.450 Best VCO: 2198.78  
 2014-12-23 21:32:59.450 Seconds Since Track or Lock: 0.0  
 2014-12-23 21:32:59.450 Vco Control: 2199  
 2014-12-23 21:32:59.450 timing mode: external seascan  
 2014-12-23 21:32:59.450 tempco normal  
 2014-12-23 21:32:59.450 PLL update: 10s PLL lock criterion: 5us  
 2014-12-23 21:32:59.450 Pfrac: 150.00  
 2014-12-23 21:32:59.450 VCO slope: -0.0175000  
 2014-12-23 21:32:59.450 VCO intercept: 7.1100001  
 2014-12-23 21:32:59.450 km delta: 600.0000000  
 2014-12-23 21:32:59.450 Logical Port 4 Status  
 2014-12-23 21:32:59.450 Data Packets Sent: 26067832  
 2014-12-23 21:32:59.450 Flood Packets Sent: 0  
 2014-12-23 21:32:59.450 Packets Re-Sent: 41553  
 2014-12-23 21:32:59.450 Sequence Errors: 0  
 2014-12-23 21:32:59.450 Packet Buffer Used: 22385528  
 2014-12-23 21:32:59.450 Physical Port: Ethernet  
 2014-12-23 21:32:59.450 Baler Model: 14 Software Version: 2.28  
 2014-12-23 21:32:59.450 MAC Address: 00:04:FB:00:02:EA  
 2014-12-23 21:32:59.450 Disk Size: 20000669696  
 2014-12-23 21:32:59.450 Percent of 1177 data files in use: 49.8  
 2014-12-23 21:32:59.450 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-23 21:32:59.450 Channel sensitivities (uV per count):  
 2014-12-23 21:32:59.450 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-23 21:32:59.450 Digitizer Calibration Results:  
 2014-12-23 21:32:59.450 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-23 21:32:59.450 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2014-12-23 21:32:59.450 DMU1 Software Version=10  
 2014-12-23 21:32:59.450 Supply Voltage=12.7  
 2014-12-23 21:32:59.450 Supply Current=0.40  
 2014-12-23 21:32:59.450 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-23 21:32:59.450 WebLink Data Maps Restored  
 2014-12-23 21:32:59.450 [2014-12-23 09:32:04.999998] sequence resumes: 22577234 to 22577234  
 2014-12-23 21:32:59.450 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-23 21:32:58  
 2014-12-23 21:38:34.830 Reducing Status Polling Interval  
 2014-12-23 21:38:34.830 [2014-12-23 21:38:34.000000] total packets received: 50146  
 2014-12-23 21:38:34.830 [2014-12-23 21:38:34.000000] command timeouts: 6  
 2014-12-23 21:38:34.830 [2014-12-23 21:38:34.000000] out of window: 65  
 2014-12-23 21:38:34.830 written: HHZ-1158 HH1-1383 HH2-1436 BDH-444 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-12-23 21:38:34.830 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26  
 VMZ-2 VM1-2  
 2014-12-23 21:38:34.830 written: VM2-2 LOG-2 ACE-1 OCF-1  
 2014-12-23 21:38:34.830 [2014-12-23 21:38:34.000000] Done: 4564 recs. seq end: 22620823. run: 331 s  
 2014-12-24 09:39:26.400  
 2014-12-24 09:39:26.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-24 09:39:26.400 Control Port 2491 Opened  
 2014-12-24 09:39:26.400 Baler ready on Ethernet  
 2014-12-24 09:39:26.400 Power Cycled Baler Acknowledged  
 2014-12-24 09:39:26.400 Commands Accepted by Q330  
 2014-12-24 09:39:26.400 Access timeout: 300 sec  
 2014-12-24 09:39:26.400 Control Port 4023 Opened  
 2014-12-24 09:39:26.400 Data Port 4024 Opened  
 2014-12-24 09:39:26.400 Registered with Q330  
 2014-12-24 09:39:26.400 Combination Record Received  
 2014-12-24 09:39:26.400 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-24 09:39:26.400 Link Reset, starting window sequence: 31858  
 2014-12-24 09:39:26.400 GPS Receiver ID Received  
 2014-12-24 09:39:26.400 Manufacturer's Data Received, Property Tag=2017  
 2014-12-24 09:39:26.400 Digitizer Gain & Offsets Received  
 2014-12-24 09:39:26.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4564 recs. seq end: 22620823  
 2014-12-24 09:39:26.400 Baler clock set to 2014-12-24 09:39:25  
 2014-12-24 09:39:26.400 Starting to Read DP Tokens  
 2014-12-24 09:39:26.400 DP Tokens loaded, size=1474 bytes  
 2014-12-24 09:39:26.400 Webserver advertising 192.168.200.119:5380  
 2014-12-24 09:39:26.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-24 09:39:26.400 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-24 09:39:26.400 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-24 09:39:26.400 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-24 09:39:26.400 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-24 09:39:26.400 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-24 09:39:26.400 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-24 09:39:26.400 [2014-12-23 21:38:34.000000] continuity found: 22620823  
 472685914.000000 Q=100  
 2014-12-24 09:39:26.400 [2014-12-23 21:38:34.000000] restoring continuity  
 2014-12-24 09:39:26.400 Sending DT\_OPEN  
 2014-12-24 09:39:26.400 Station: XX-2017  
 2014-12-24 09:39:26.400 Q330 Serial Number: 0100000DB18FC351  
 2014-12-24 09:39:26.400 AMB Serial Number: 0100000B6909DD82  
 2014-12-24 09:39:26.400 Seismo 1 Serial Number: 0000000000000000  
 2014-12-24 09:39:26.400 Seismo 2 Serial Number: 0000000000000000  
 2014-12-24 09:39:26.400 QAPCHP 1 Serial Number: 4643206  
 2014-12-24 09:39:26.400 QAPCHP 2 Serial Number: 3743050  
 2014-12-24 09:39:26.400 KMI Property Tag Number: 2017  
 2014-12-24 09:39:26.400 System Software Version: 1.146  
 2014-12-24 09:39:26.400 Slave Processor Version: 1.11

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2014-12-24 09:39:26.400 Calibrator Type: QCAL330  
 2014-12-24 09:39:26.400 Calibrator Version: 1.8  
 2014-12-24 09:39:26.400 Auxiliary Board Type: None  
 2014-12-24 09:39:26.400 Clock Type: Motorola M12  
 2014-12-24 09:39:26.400 PLD Version: 7.9  
 2014-12-24 09:39:26.400 Total Hours: 71438.22  
 2014-12-24 09:39:26.400 Power On Hours: 36068.61  
 2014-12-24 09:39:26.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-24 09:39:26.400 Total Number of Boots: 120  
 2014-12-24 09:39:26.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-24 09:39:26.400 Total Number of Re-Syncs: 213  
 2014-12-24 09:39:26.400 Status Inputs: 00000000  
 2014-12-24 09:39:26.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-12-24 09:39:26.400 Clock Quality: 100%  
 2014-12-24 09:39:26.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-24 09:39:26.400 Clock Phase: 0 usec. max allowed=50000  
 2014-12-24 09:39:26.400 Boom positions:  
 2014-12-24 09:39:26.400 Ch1: -2 Ch2: -3 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-24 09:39:26.400 Analog Status  
 2014-12-24 09:39:26.400 Analog Positive Supply: 5.46v  
 2014-12-24 09:39:26.400 Input Voltage: 13.20V  
 2014-12-24 09:39:26.400 System Temperature: 5C  
 2014-12-24 09:39:26.400 Main Current: 63ma  
 2014-12-24 09:39:26.400 Antenna Current: 0ma  
 2014-12-24 09:39:26.400 GPS Status  
 2014-12-24 09:39:26.400 Time: 09:39:25  
 2014-12-24 09:39:26.400 Date:  
 2014-12-24 09:39:26.400 Fix Type: 1-D  
 2014-12-24 09:39:26.400 Height:  
 2014-12-24 09:39:26.400 Latitude:  
 2014-12-24 09:39:26.400 Longitude:  
 2014-12-24 09:39:26.400 On Time: 0min  
 2014-12-24 09:39:26.400 Sat. Used: 0  
 2014-12-24 09:39:26.400 In View: 0  
 2014-12-24 09:39:26.400 Checksum Errors: 0  
 2014-12-24 09:39:26.400 Last GPS timemark: 2014-12-24 09:39:24  
 2014-12-24 09:39:26.400 PLL Status  
 2014-12-24 09:39:26.400 State: Lock  
 2014-12-24 09:39:26.400 Initial VCO: 2199.259521  
 2014-12-24 09:39:26.400 Time Error: 0.000000  
 2014-12-24 09:39:26.400 RMS VCO: 0.000000  
 2014-12-24 09:39:26.400 Best VCO: 2199.33  
 2014-12-24 09:39:26.400 Seconds Since Track or Lock: 0.0  
 2014-12-24 09:39:26.400 Vco Control: 2200  
 2014-12-24 09:39:26.400 timing mode: external seascan  
 2014-12-24 09:39:26.400 tempco normal  
 2014-12-24 09:39:26.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-24 09:39:26.400 Pfrac: 150.00  
 2014-12-24 09:39:26.400 VCO slope: -0.0175000  
 2014-12-24 09:39:26.400 VCO intercept: 7.1100001  
 2014-12-24 09:39:26.400 Km delta: 600.0000000  
 2014-12-24 09:39:26.400 Logical Port 4 Status  
 2014-12-24 09:39:26.400 Data Packets Sent: 26117882  
 2014-12-24 09:39:26.400 Flood Packets Sent: 0  
 2014-12-24 09:39:26.400 Packets Re-Sent: 41632  
 2014-12-24 09:39:26.400 Sequence Errors: 0  
 2014-12-24 09:39:26.400 Packet Buffer Used: 22078868  
 2014-12-24 09:39:26.400 Physical Port: Ethernet  
 2014-12-24 09:39:26.400 Baler Model: 14 Software Version: 2.28  
 2014-12-24 09:39:26.400 MAC Address: 00:04:FB:00:02:EA  
 2014-12-24 09:39:26.400 Disk Size: 20000669696  
 2014-12-24 09:39:26.400 Percent of 1177 data files in use: 49.9  
 2014-12-24 09:39:26.400 Channels Enabled: 1234 Preamps ON channels:

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2014-12-24 09:39:26.400 Channel Sensitivities (uV per count):  
2014-12-24 09:39:26.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
2014-12-24 09:39:26.400 Digitizer Calibration Results:  
2014-12-24 09:39:26.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
2014-12-24 09:39:26.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
2014-12-24 09:39:26.400 DMU1 Software Version=10  
2014-12-24 09:39:26.400 Supply Voltage=12.7  
2014-12-24 09:39:26.400 Supply Current=0.41  
2014-12-24 09:39:26.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
2014-12-24 09:39:26.400 WebLink Data Maps Restored  
2014-12-24 09:39:26.400 [2014-12-23 21:38:34.000000] sequence resumes: 22620823 to 22620823  
2014-12-24 09:39:26.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-12-24 09:39:25  
2014-12-24 09:39:26.400 [2014-12-24 00:00:00.000000] Saving Configuration to Backup Memory  
2014-12-24 09:44:56.340 [2014-12-24 09:44:41.000000] total packets received: 47378  
2014-12-24 09:44:56.340 [2014-12-24 09:44:41.000000] command timeouts: 6  
2014-12-24 09:44:56.340 [2014-12-24 09:44:41.000000] out of window: 67  
2014-12-24 09:44:56.340 written: HHZ-1129 HH1-1369 HH2-1417 BDH-437 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-12-24 09:44:56.340 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25  
VMZ-2 VM1-2  
2014-12-24 09:44:56.340 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
2014-12-24 09:44:56.340 [2014-12-24 09:44:41.000000] Done: 4494 recs. seq end: 22664390. run: 325 s  
2014-12-24 21:45:48.410  
2014-12-24 21:45:48.410 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-12-24 21:45:48.410 Control Port 2491 Opened  
2014-12-24 21:45:48.410 Baler ready on Ethernet  
2014-12-24 21:45:48.410 Power Cycled Baler Acknowledged  
2014-12-24 21:45:48.410 Commands Accepted by Q330  
2014-12-24 21:45:48.410 Access timeout: 300 sec  
2014-12-24 21:45:48.410 Control Port 4023 Opened  
2014-12-24 21:45:48.410 Data Port 4024 Opened  
2014-12-24 21:45:48.410 Registered with Q330  
2014-12-24 21:45:48.410 Combination Record Received  
2014-12-24 21:45:48.410 window=4 Min. Timeout=10 Max. Timeout=30  
2014-12-24 21:45:48.410 Link Reset, starting window sequence: 13598  
2014-12-24 21:45:48.410 GPS Receiver ID Received  
2014-12-24 21:45:48.410 Manufacturer's Data Received, Property Tag=2017  
2014-12-24 21:45:48.410 Digitizer Gain & Offsets Received  
2014-12-24 21:45:48.410 Msg From 192.168.200.119:Baler XX-2017 readback. 4494 recs. seq end: 22664390  
2014-12-24 21:45:48.410 Baler clock set to 2014-12-24 21:45:47  
2014-12-24 21:45:48.410 Starting to Read DP Tokens  
2014-12-24 21:45:48.410 DP Tokens loaded, size=1474 bytes  
2014-12-24 21:45:48.410 Webserver advertising 192.168.200.119:5380  
2014-12-24 21:45:48.410 filters & delay HHZ:1@100,Linear all=0.320000  
2014-12-24 21:45:48.410 filters & delay HH1:2@100,Linear all=0.320000  
2014-12-24 21:45:48.410 filters & delay HH2:3@100,Linear all=0.320000  
2014-12-24 21:45:48.410 filters & delay BDH:4@20,Linear all=1.650000  
2014-12-24 21:45:48.410 filters & delay LHZ:1@1,Linear all=15.000000  
2014-12-24 21:45:48.410 filters & delay LH1:2@1,Linear all=15.000000  
2014-12-24 21:45:48.410 filters & delay LH2:3@1,Linear all=15.000000  
2014-12-24 21:45:48.410 filters & delay LDH:4@1,Linear all=15.000000  
2014-12-24 21:45:48.410 [2014-12-24 09:44:41.000000] continuity found: 22664390  
472729481.000000 Q=100  
2014-12-24 21:45:48.410 [2014-12-24 09:44:41.000000] restoring continuity  
2014-12-24 21:45:48.410 Sending DT\_OPEN  
2014-12-24 21:45:48.410 Station: XX-2017  
2014-12-24 21:45:48.410 Q330 Serial Number: 0100000DB18FC351  
2014-12-24 21:45:48.410 AMB Serial Number: 0100000B6909DD82

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2014-12-24 21:45:48.410 Seismo 1 Serial Number: 0000000000000000
2014-12-24 21:45:48.410 Seismo 2 Serial Number: 0000000000000000
2014-12-24 21:45:48.410 QAPCHP 1 Serial Number: 4643206
2014-12-24 21:45:48.410 QAPCHP 2 Serial Number: 3743050
2014-12-24 21:45:48.410 KMI Property Tag Number: 2017
2014-12-24 21:45:48.410 System Software Version: 1.146
2014-12-24 21:45:48.410 Slave Processor Version: 1.11
2014-12-24 21:45:48.410 Calibrator Type: QCAL330
2014-12-24 21:45:48.410 Calibrator Version: 1.8
2014-12-24 21:45:48.410 Auxiliary Board Type: None
2014-12-24 21:45:48.410 Clock Type: Motorola M12
2014-12-24 21:45:48.410 PLD Version: 7.9
2014-12-24 21:45:48.410 Total Hours: 71450.33
2014-12-24 21:45:48.410 Power On Hours: 36080.71
2014-12-24 21:45:48.410 Time of Last Boot: 2014-04-06 02:03:58
2014-12-24 21:45:48.410 Total Number of Boots: 120
2014-12-24 21:45:48.410 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-24 21:45:48.410 Total Number of Re-Syncs: 213
2014-12-24 21:45:48.410 Status Inputs: 00000000
2014-12-24 21:45:48.410 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-24 21:45:48.410 Clock Quality: 100%
2014-12-24 21:45:48.410 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-24 21:45:48.410 Clock Phase: 0 usec. max allowed=50000
2014-12-24 21:45:48.410 Boom positions:
2014-12-24 21:45:48.410 ch1: -2 ch2: -3 ch3: 4 ch4: 20 ch5: 20 ch6: 20
2014-12-24 21:45:48.410 Analog Status
2014-12-24 21:45:48.410 Analog Positive Supply: 5.46V
2014-12-24 21:45:48.410 Input Voltage: 13.35V
2014-12-24 21:45:48.410 System Temperature: 5C
2014-12-24 21:45:48.410 Main Current: 61ma
2014-12-24 21:45:48.410 Antenna Current: 0ma
2014-12-24 21:45:48.410 GPS Status
2014-12-24 21:45:48.410 Time: 21:45:47
2014-12-24 21:45:48.410 Date:
2014-12-24 21:45:48.410 Fix Type: 1-D
2014-12-24 21:45:48.410 Height:
2014-12-24 21:45:48.410 Latitude:
2014-12-24 21:45:48.410 Longitude:
2014-12-24 21:45:48.410 On Time: 0min
2014-12-24 21:45:48.410 Sat. Used: 0
2014-12-24 21:45:48.410 In View: 0
2014-12-24 21:45:48.410 Checksum Errors: 0
2014-12-24 21:45:48.410 Last GPS timemark: 2014-12-24 21:45:46
2014-12-24 21:45:48.410 PLL Status
2014-12-24 21:45:48.410 State: Lock
2014-12-24 21:45:48.410 Initial VCO: 2199.499512
2014-12-24 21:45:48.410 Time Error: 0.000000
2014-12-24 21:45:48.410 RMS VCO: 0.0000000
2014-12-24 21:45:48.410 Best VCO: 2199.48
2014-12-24 21:45:48.410 Seconds Since Track or Lock: 0.0
2014-12-24 21:45:48.410 Vco Control: 2199
2014-12-24 21:45:48.410 timing mode: external seascan
2014-12-24 21:45:48.410 tempco normal
2014-12-24 21:45:48.410 PLL update: 10s PLL lock criterion: 5us
2014-12-24 21:45:48.410 Pfrac: 150.00
2014-12-24 21:45:48.410 VCO slope: -0.0175000
2014-12-24 21:45:48.410 VCO intercept: 7.1100001
2014-12-24 21:45:48.410 km delta: 600.0000000
2014-12-24 21:45:48.410 Logical Port 4 Status
2014-12-24 21:45:48.410 Data Packets Sent: 26165163
2014-12-24 21:45:48.410 Flood Packets Sent: 0
2014-12-24 21:45:48.410 Packets Re-Sent: 41713
2014-12-24 21:45:48.410 Sequence Errors: 0

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2014-12-24 21:45:48.410 Packet Buffer Used: 23638408
2014-12-24 21:45:48.410 Physical Port: Ethernet
2014-12-24 21:45:48.410 Baler Model: 14   Software Version: 2.28
2014-12-24 21:45:48.410 MAC Address: 00:04:FB:00:02:EA
2014-12-24 21:45:48.410 Disk Size: 20000669696
2014-12-24 21:45:48.410 Percent of 1177 data files in use: 50.0
2014-12-24 21:45:48.410 Channels Enabled: 1234   Preamps ON channels:
2014-12-24 21:45:48.410 Channel Sensitivities (uV per count):
2014-12-24 21:45:48.410 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-24 21:45:48.410 Digitizer Calibration Results:
2014-12-24 21:45:48.410 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2014-12-24 21:45:48.410 DMU1 Software Version=10
2014-12-24 21:45:48.410 Supply Voltage=12.7
2014-12-24 21:45:48.410 Supply Current=0.41
2014-12-24 21:45:48.410 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-24 21:45:48.410 WebLink Data Maps Restored
2014-12-24 21:45:48.410 [2014-12-24 09:44:41.000000] sequence resumes: 22664390 to
22664390
2014-12-24 21:45:48.410 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2014-12-24 21:45:47
2014-12-24 21:47:05.640 Reducing Status Polling Interval
2014-12-24 21:51:46.690 [2014-12-24 21:49:33.000000] total packets received: 62463
2014-12-24 21:51:46.690 [2014-12-24 21:49:33.000000] command timeouts: 6
2014-12-24 21:51:46.690 [2014-12-24 21:49:33.000000] out of window: 71
2014-12-24 21:51:46.690 written: HHZ-1253 HH1-1472 HH2-1528 BDH-447 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-12-24 21:51:46.690 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-26 LH2-26 LDH-31
VMZ-1 VM1-1
2014-12-24 21:51:46.690 written: VM2-1 OAC-1 LOG-3 ACE-1 OCF-1
2014-12-24 21:51:46.690 [2014-12-24 21:49:33.000000] Done: 4845 recs. seq end:
22707882. run: 354 s
2014-12-25 09:52:41.400
2014-12-25 09:52:41.400 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-25 09:52:41.400 Control Port 2491 Opened
2014-12-25 09:52:41.400 Baler ready on Ethernet
2014-12-25 09:52:41.400 Power Cycled Baler Acknowledged
2014-12-25 09:52:41.400 Commands Accepted by Q330
2014-12-25 09:52:41.400 Access timeout: 300 sec
2014-12-25 09:52:41.400 Control Port 4023 Opened
2014-12-25 09:52:41.400 Data Port 4024 Opened
2014-12-25 09:52:41.400 Registered with Q330
2014-12-25 09:52:41.400 Combination Record Received
2014-12-25 09:52:41.400 window=4   Min. Timeout=10   Max. Timeout=30
2014-12-25 09:52:41.400 Link Reset, starting window sequence: 10375
2014-12-25 09:52:41.400 GPS Receiver ID Received
2014-12-25 09:52:41.400 Manufacturer's Data Received, Property Tag=2017
2014-12-25 09:52:41.400 Digitizer Gain & Offsets Received
2014-12-25 09:52:41.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4845 recs.
seq end: 22707882
2014-12-25 09:52:41.400 Baler clock set to 2014-12-25 09:52:40
2014-12-25 09:52:41.400 Starting to Read DP Tokens
2014-12-25 09:52:41.400 DP Tokens loaded, size=1474 bytes
2014-12-25 09:52:41.400 webserver advertising 192.168.200.119:5380
2014-12-25 09:52:41.400 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-25 09:52:41.400 filters & delay HH1:2@100,Linear all=0.320000
2014-12-25 09:52:41.400 filters & delay HH2:3@100,Linear all=0.320000
2014-12-25 09:52:41.400 filters & delay BDH:4@20,Linear all=1.650000
2014-12-25 09:52:41.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-25 09:52:41.400 filters & delay LH1:2@1,Linear all=15.000000
2014-12-25 09:52:41.400 filters & delay LH2:3@1,Linear all=15.000000
2014-12-25 09:52:41.400 filters & delay LDH:4@1,Linear all=15.000000
2014-12-25 09:52:41.400 [2014-12-24 21:49:33.000000] continuity found: 22707882
472772973.000000   Q=100

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2014-12-25 09:52:41.400 [2014-12-24 21:49:33.000000] restoring continuity  
 2014-12-25 09:52:41.400 Sending DT\_OPEN  
 2014-12-25 09:52:41.400 Station: XX-2017  
 2014-12-25 09:52:41.400 Q330 Serial Number: 0100000DB18FC351  
 2014-12-25 09:52:41.400 AMB Serial Number: 0100000B6909DD82  
 2014-12-25 09:52:41.400 Seismo 1 Serial Number: 0000000000000000  
 2014-12-25 09:52:41.400 Seismo 2 Serial Number: 0000000000000000  
 2014-12-25 09:52:41.400 QAPCHP 1 Serial Number: 4643206  
 2014-12-25 09:52:41.400 QAPCHP 2 Serial Number: 3743050  
 2014-12-25 09:52:41.400 KMI Property Tag Number: 2017  
 2014-12-25 09:52:41.400 System Software Version: 1.146  
 2014-12-25 09:52:41.400 Slave Processor Version: 1.11  
 2014-12-25 09:52:41.400 Calibrator Type: QCAL330  
 2014-12-25 09:52:41.400 Calibrator Version: 1.8  
 2014-12-25 09:52:41.400 Auxiliary Board Type: None  
 2014-12-25 09:52:41.400 Clock Type: Motorola M12  
 2014-12-25 09:52:41.400 PLD Version: 7.9  
 2014-12-25 09:52:41.400 Total Hours: 71462.44  
 2014-12-25 09:52:41.400 Power On Hours: 36092.83  
 2014-12-25 09:52:41.400 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-25 09:52:41.400 Total Number of Boots: 120  
 2014-12-25 09:52:41.400 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-25 09:52:41.400 Total Number of Re-Syncs: 213  
 2014-12-25 09:52:41.400 Status Inputs: 00000000  
 2014-12-25 09:52:41.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-12-25 09:52:41.400 Clock Quality: 100%  
 2014-12-25 09:52:41.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-25 09:52:41.400 Clock Phase: 0 usec. max allowed=50000  
 2014-12-25 09:52:41.400 Boom positions:  
 2014-12-25 09:52:41.400 ch1: -2 ch2: -4 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2014-12-25 09:52:41.400 Analog Status  
 2014-12-25 09:52:41.400 Analog Positive Supply: 5.46v  
 2014-12-25 09:52:41.400 Input Voltage: 13.35V  
 2014-12-25 09:52:41.400 System Temperature: 5C  
 2014-12-25 09:52:41.400 Main Current: 60ma  
 2014-12-25 09:52:41.400 Antenna Current: 0ma  
 2014-12-25 09:52:41.400 GPS Status  
 2014-12-25 09:52:41.400 Time: 09:52:40  
 2014-12-25 09:52:41.400 Date:  
 2014-12-25 09:52:41.400 Fix Type: 1-D  
 2014-12-25 09:52:41.400 Height:  
 2014-12-25 09:52:41.400 Latitude:  
 2014-12-25 09:52:41.400 Longitude:  
 2014-12-25 09:52:41.400 On Time: 0min  
 2014-12-25 09:52:41.400 Sat. Used: 0  
 2014-12-25 09:52:41.400 In View: 0  
 2014-12-25 09:52:41.400 Checksum Errors: 0  
 2014-12-25 09:52:41.400 Last GPS timemark: 2014-12-25 09:52:39  
 2014-12-25 09:52:41.400 PLL Status  
 2014-12-25 09:52:41.400 State: Lock  
 2014-12-25 09:52:41.400 Initial VCO: 2199.999756  
 2014-12-25 09:52:41.400 Time Error: 0.000000  
 2014-12-25 09:52:41.400 RMS VCO: 0.000000  
 2014-12-25 09:52:41.400 Best VCO: 2200.00  
 2014-12-25 09:52:41.400 Seconds Since Track or Lock: 0.0  
 2014-12-25 09:52:41.400 Vco Control: 2200  
 2014-12-25 09:52:41.400 timing mode: external seascan  
 2014-12-25 09:52:41.400 tempco normal  
 2014-12-25 09:52:41.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-25 09:52:41.400 Pfrac: 150.00  
 2014-12-25 09:52:41.400 VCO slope: -0.0175000  
 2014-12-25 09:52:41.400 VCO intercept: 7.1100001  
 2014-12-25 09:52:41.400 km delta: 600.0000000

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2014-12-25 09:52:41.400 Logical Port 4 Status  
 2014-12-25 09:52:41.400 Data Packets Sent: 26227482  
 2014-12-25 09:52:41.400 Flood Packets Sent: 0  
 2014-12-25 09:52:41.400 Packets Re-Sent: 41804  
 2014-12-25 09:52:41.400 Sequence Errors: 0  
 2014-12-25 09:52:41.400 Packet Buffer Used: 23863312  
 2014-12-25 09:52:41.400 Physical Port: Ethernet  
 2014-12-25 09:52:41.400 Baler Model: 14 Software Version: 2.28  
 2014-12-25 09:52:41.400 MAC Address: 00:04:FB:00:02:EA  
 2014-12-25 09:52:41.400 Disk Size: 20000669696  
 2014-12-25 09:52:41.400 Percent of 1177 data files in use: 50.1  
 2014-12-25 09:52:41.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-25 09:52:41.400 Channel Sensitivities (uV per count):  
 2014-12-25 09:52:41.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-25 09:52:41.400 Digitizer Calibration Results:  
 2014-12-25 09:52:41.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-25 09:52:41.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-25 09:52:41.400 DMU1 Software Version=10  
 2014-12-25 09:52:41.400 Supply Voltage=12.7  
 2014-12-25 09:52:41.400 Supply Current=0.41  
 2014-12-25 09:52:41.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-25 09:52:41.400 WebLink Data Maps Restored  
 2014-12-25 09:52:41.400 [2014-12-24 21:49:33.000000] sequence resumes: 22707882 to  
 22707882  
 2014-12-25 09:52:41.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-12-25 09:52:40  
 2014-12-25 09:52:41.400 [2014-12-25 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-12-25 09:58:43.410 Reducing Status Polling Interval  
 2014-12-25 09:58:43.410 [2014-12-25 09:58:42.999998] total packets received: 65442  
 2014-12-25 09:58:43.410 [2014-12-25 09:58:42.999998] command timeouts: 6  
 2014-12-25 09:58:43.410 [2014-12-25 09:58:42.999998] out of window: 64  
 2014-12-25 09:58:43.410 written: HHZ-1269 HH1-1431 HH2-1609 BDH-453 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-25 09:58:43.410 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-26 LH2-26 LDH-33  
 VMZ-2 VM1-2  
 2014-12-25 09:58:43.410 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-12-25 09:58:43.410 [2014-12-25 09:58:42.999998] Done: 4921 recs. seq end:  
 22751632. run: 359 s  
 2014-12-25 21:59:37.400  
 2014-12-25 21:59:37.400 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-25 21:59:37.400 Control Port 2491 Opened  
 2014-12-25 21:59:37.400 Baler ready on Ethernet  
 2014-12-25 21:59:37.400 Power Cycled Baler Acknowledged  
 2014-12-25 21:59:37.400 Commands Accepted by Q330  
 2014-12-25 21:59:37.400 Access timeout: 300 sec  
 2014-12-25 21:59:37.400 Control Port 4023 Opened  
 2014-12-25 21:59:37.400 Data Port 4024 Opened  
 2014-12-25 21:59:37.400 Registered with Q330  
 2014-12-25 21:59:37.400 Combination Record Received  
 2014-12-25 21:59:37.400 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-25 21:59:37.400 Link Reset, starting window sequence: 10180  
 2014-12-25 21:59:37.400 GPS Receiver ID Received  
 2014-12-25 21:59:37.400 Manufacturer's Data Received, Property Tag=2017  
 2014-12-25 21:59:37.400 Digitizer Gain & Offsets Received  
 2014-12-25 21:59:37.400 Msg From 192.168.200.119:Baler XX-2017 readback. 4921 recs.  
 seq end: 22751632  
 2014-12-25 21:59:37.400 Baler clock set to 2014-12-25 21:59:36  
 2014-12-25 21:59:37.400 Starting to Read DP Tokens  
 2014-12-25 21:59:37.400 DP Tokens loaded, size=1474 bytes  
 2014-12-25 21:59:37.400 webserver advertising 192.168.200.119:5380  
 2014-12-25 21:59:37.400 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-25 21:59:37.400 filters & delay HH1:2@100,Linear all=0.320000



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2014-12-25 21:59:37.400 filters & delay HH2:3@100,Linear all=0.320000
2014-12-25 21:59:37.400 filters & delay BDH:4@20,Linear all=1.650000
2014-12-25 21:59:37.400 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-25 21:59:37.400 filters & delay LH1:2@1,Linear all=15.000000
2014-12-25 21:59:37.400 filters & delay LH2:3@1,Linear all=15.000000
2014-12-25 21:59:37.400 filters & delay LDH:4@1,Linear all=15.000000
2014-12-25 21:59:37.400 [2014-12-25 09:58:42.999998] continuity found: 22751632
472816723.000000 Q=100
2014-12-25 21:59:37.400 [2014-12-25 09:58:42.999998] restoring continuity
2014-12-25 21:59:37.400 Sending DT_OPEN
2014-12-25 21:59:37.400 Station: XX-2017
2014-12-25 21:59:37.400 Q330 Serial Number: 0100000DB18FC351
2014-12-25 21:59:37.400 AMB Serial Number: 0100000B6909DD82
2014-12-25 21:59:37.400 Seismo 1 Serial Number: 0000000000000000
2014-12-25 21:59:37.400 Seismo 2 Serial Number: 0000000000000000
2014-12-25 21:59:37.400 QAPCHP 1 Serial Number: 4643206
2014-12-25 21:59:37.400 QAPCHP 2 Serial Number: 3743050
2014-12-25 21:59:37.400 KMI Property Tag Number: 2017
2014-12-25 21:59:37.400 System Software Version: 1.146
2014-12-25 21:59:37.400 Slave Processor Version: 1.11
2014-12-25 21:59:37.400 Calibrator Type: QCAL330
2014-12-25 21:59:37.400 Calibrator Version: 1.8
2014-12-25 21:59:37.400 Auxiliary Board Type: None
2014-12-25 21:59:37.400 Clock Type: Motorola M12
2014-12-25 21:59:37.400 PLD Version: 7.9
2014-12-25 21:59:37.400 Total Hours: 71474.56
2014-12-25 21:59:37.400 Power On Hours: 36104.94
2014-12-25 21:59:37.400 Time of Last Boot: 2014-04-06 02:03:58
2014-12-25 21:59:37.400 Total Number of Boots: 120
2014-12-25 21:59:37.400 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-25 21:59:37.400 Total Number of Re-Syncs: 213
2014-12-25 21:59:37.400 Status Inputs: 00000000
2014-12-25 21:59:37.400 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-25 21:59:37.400 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-25 21:59:37.400 Clock Phase: 0 usec. max allowed=50000
2014-12-25 21:59:37.400 Boom positions:
2014-12-25 21:59:37.400 ch1: -2 ch2: -5 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-12-25 21:59:37.400 Analog Status
2014-12-25 21:59:37.400 Analog Positive Supply: 5.46V
2014-12-25 21:59:37.400 Input Voltage: 13.20V
2014-12-25 21:59:37.400 System Temperature: 5C
2014-12-25 21:59:37.400 Main Current: 62ma
2014-12-25 21:59:37.400 Antenna Current: 0ma
2014-12-25 21:59:37.400 GPS Status
2014-12-25 21:59:37.400 Time: 21:59:36
2014-12-25 21:59:37.400 Date:
2014-12-25 21:59:37.400 Fix Type: 1-D
2014-12-25 21:59:37.400 Height:
2014-12-25 21:59:37.400 Latitude:
2014-12-25 21:59:37.400 Longitude:
2014-12-25 21:59:37.400 On Time: 0min
2014-12-25 21:59:37.400 Sat. Used: 0
2014-12-25 21:59:37.400 In View: 0
2014-12-25 21:59:37.400 Checksum Errors: 0
2014-12-25 21:59:37.400 Last GPS timemark: 2014-12-25 21:59:35
2014-12-25 21:59:37.400 PLL Status
2014-12-25 21:59:37.400 State: Lock
2014-12-25 21:59:37.400 Initial VCO: 2199.792725
2014-12-25 21:59:37.400 Time Error: 0.000000
2014-12-25 21:59:37.400 RMS VCO: 0.000000
2014-12-25 21:59:37.400 Best VCO: 2199.79
2014-12-25 21:59:37.400 Seconds Since Track or Lock: 0.0
2014-12-25 21:59:37.400 vco control: 2200

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2014-12-25 21:59:37.400 timing mode: external seascan  
 2014-12-25 21:59:37.400 tempco normal  
 2014-12-25 21:59:37.400 PLL update: 10s PLL lock criterion: 5us  
 2014-12-25 21:59:37.400 Pfrac: 150.00  
 2014-12-25 21:59:37.400 VCO slope: -0.0175000  
 2014-12-25 21:59:37.400 VCO intercept: 7.1100001  
 2014-12-25 21:59:37.400 km delta: 600.0000000  
 2014-12-25 21:59:37.400 Logical Port 4 Status  
 2014-12-25 21:59:37.400 Data Packets Sent: 26292828  
 2014-12-25 21:59:37.400 Flood Packets Sent: 0  
 2014-12-25 21:59:37.400 Packets Re-Sent: 41886  
 2014-12-25 21:59:37.400 Sequence Errors: 0  
 2014-12-25 21:59:37.400 Packet Buffer Used: 22490872  
 2014-12-25 21:59:37.400 Physical Port: Ethernet  
 2014-12-25 21:59:37.400 Baler Model: 14 Software Version: 2.28  
 2014-12-25 21:59:37.400 MAC Address: 00:04:FB:00:02:EA  
 2014-12-25 21:59:37.400 Disk Size: 20000669696  
 2014-12-25 21:59:37.400 Percent of 1177 data files in use: 50.2  
 2014-12-25 21:59:37.400 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-25 21:59:37.400 Channel Sensitivities (uV per count):  
 2014-12-25 21:59:37.400 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-25 21:59:37.400 Digitizer Calibration Results:  
 2014-12-25 21:59:37.400 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-25 21:59:37.400 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-25 21:59:37.400 DMU1 Software Version=10  
 2014-12-25 21:59:37.400 Supply Voltage=12.5  
 2014-12-25 21:59:37.400 Supply Current=0.41  
 2014-12-25 21:59:37.400 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-25 21:59:37.400 webLink Data Maps Restored  
 2014-12-25 21:59:37.400 [2014-12-25 09:58:42.999998] sequence resumes: 22751632 to 22751632  
 2014-12-25 21:59:37.400 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-25 21:59:36  
 2014-12-25 22:05:14.200 Reducing Status Polling Interval  
 2014-12-25 22:05:14.200 [2014-12-25 22:05:12.999998] total packets received: 49154  
 2014-12-25 22:05:14.200 [2014-12-25 22:05:12.999998] command timeouts: 6  
 2014-12-25 22:05:14.200 [2014-12-25 22:05:12.999998] out of window: 57  
 2014-12-25 22:05:14.200 written: HHZ-1170 HH1-1400 HH2-1424 BDH-453 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-12-25 22:05:14.200 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-33  
 VMZ-2 VM1-2  
 2014-12-25 22:05:14.200 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-25 22:05:14.200 [2014-12-25 22:05:12.999998] Done: 4595 recs. seq end: 22795222. run: 332 s  
 2014-12-26 10:06:08.420  
 2014-12-26 10:06:08.420 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-26 10:06:08.420 Control Port 2491 Opened  
 2014-12-26 10:06:08.420 Baler ready on Ethernet  
 2014-12-26 10:06:08.420 Power Cycled Baler Acknowledged  
 2014-12-26 10:06:08.420 Commands Accepted by Q330  
 2014-12-26 10:06:08.420 Access timeout: 300 sec  
 2014-12-26 10:06:08.420 Control Port 4023 Opened  
 2014-12-26 10:06:08.420 Data Port 4024 Opened  
 2014-12-26 10:06:08.420 Registered with Q330  
 2014-12-26 10:06:08.420 Combination Record Received  
 2014-12-26 10:06:08.420 window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-26 10:06:08.420 Link Reset, starting window sequence: 59241  
 2014-12-26 10:06:08.420 GPS Receiver ID Received  
 2014-12-26 10:06:08.420 Manufacturer's Data Received, Property Tag=2017  
 2014-12-26 10:06:08.420 Digitizer Gain & Offsets Received  
 2014-12-26 10:06:08.420 Msg From 192.168.200.119:Baler XX-2017 readback. 4595 recs. seq end: 22795222  
 2014-12-26 10:06:08.420 Baler clock set to 2014-12-26 10:06:07

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2014-12-26 10:06:08.420 Starting to Read DP Tokens
2014-12-26 10:06:08.420 DP Tokens loaded, size=1474 bytes
2014-12-26 10:06:08.420 Webserver advertising 192.168.200.119:5380
2014-12-26 10:06:08.420 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-26 10:06:08.420 filters & delay HH1:2@100,Linear all=0.320000
2014-12-26 10:06:08.420 filters & delay HH2:3@100,Linear all=0.320000
2014-12-26 10:06:08.420 filters & delay BDH:4@20,Linear all=1.650000
2014-12-26 10:06:08.420 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-26 10:06:08.420 filters & delay LH1:2@1,Linear all=15.000000
2014-12-26 10:06:08.420 filters & delay LH2:3@1,Linear all=15.000000
2014-12-26 10:06:08.420 filters & delay LDH:4@1,Linear all=15.000000
2014-12-26 10:06:08.420 [2014-12-25 22:05:12.999998] continuity found: 22795222
472860313.000000 Q=100
2014-12-26 10:06:08.420 [2014-12-25 22:05:12.999998] restoring continuity
2014-12-26 10:06:08.420 Sending DT_OPEN
2014-12-26 10:06:08.420 Station: XX-2017
2014-12-26 10:06:08.420 Q330 Serial Number: 0100000DB18FC351
2014-12-26 10:06:08.420 AMB Serial Number: 0100000B6909DD82
2014-12-26 10:06:08.420 Seismo 1 Serial Number: 0000000000000000
2014-12-26 10:06:08.420 Seismo 2 Serial Number: 0000000000000000
2014-12-26 10:06:08.420 QAPCHP 1 Serial Number: 4643206
2014-12-26 10:06:08.420 QAPCHP 2 Serial Number: 3743050
2014-12-26 10:06:08.420 KMI Property Tag Number: 2017
2014-12-26 10:06:08.420 System Software Version: 1.146
2014-12-26 10:06:08.420 Slave Processor Version: 1.11
2014-12-26 10:06:08.420 Calibrator Type: QCAL330
2014-12-26 10:06:08.420 Calibrator Version: 1.8
2014-12-26 10:06:08.420 Auxiliary Board Type: None
2014-12-26 10:06:08.420 Clock Type: Motorola M12
2014-12-26 10:06:08.420 PLD Version: 7.9
2014-12-26 10:06:08.420 Total Hours: 71486.67
2014-12-26 10:06:08.420 Power On Hours: 36117.05
2014-12-26 10:06:08.420 Time of Last Boot: 2014-04-06 02:03:58
2014-12-26 10:06:08.420 Total Number of Boots: 120
2014-12-26 10:06:08.420 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-26 10:06:08.420 Total Number of Re-Syncs: 213
2014-12-26 10:06:08.420 Status Inputs: 00000000
2014-12-26 10:06:08.420 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-26 10:06:08.420 Clock Quality: 100%
2014-12-26 10:06:08.420 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-26 10:06:08.420 Clock Phase: 0 usec. max allowed=50000
2014-12-26 10:06:08.420 Boom positions:
2014-12-26 10:06:08.420 ch1: -2 ch2: -6 ch3: 5 ch4: 20 ch5: 20 ch6: 20
2014-12-26 10:06:08.420 Analog Status
2014-12-26 10:06:08.420 Analog Positive Supply: 5.46V
2014-12-26 10:06:08.420 Input Voltage: 13.20V
2014-12-26 10:06:08.420 System Temperature: 5C
2014-12-26 10:06:08.420 Main Current: 62ma
2014-12-26 10:06:08.420 Antenna Current: 0ma
2014-12-26 10:06:08.420 GPS Status
2014-12-26 10:06:08.420 Time: 10:06:07
2014-12-26 10:06:08.420 Date:
2014-12-26 10:06:08.420 Fix Type: 1-D
2014-12-26 10:06:08.420 Height:
2014-12-26 10:06:08.420 Latitude:
2014-12-26 10:06:08.420 Longitude:
2014-12-26 10:06:08.420 On Time: 0min
2014-12-26 10:06:08.420 Sat. Used: 0
2014-12-26 10:06:08.420 In View: 0
2014-12-26 10:06:08.420 Checksum Errors: 0
2014-12-26 10:06:08.420 Last GPS timemark: 2014-12-26 10:06:06
2014-12-26 10:06:08.420 PLL Status
2014-12-26 10:06:08.420 State: Lock

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2014-12-26 10:06:08.420 Initial VCO: 2199.981445
2014-12-26 10:06:08.420 Time Error: 0.000000
2014-12-26 10:06:08.420 RMS VCO: 0.000000
2014-12-26 10:06:08.420 Best VCO: 2200.03
2014-12-26 10:06:08.420 Seconds Since Track or Lock: 0.0
2014-12-26 10:06:08.420 Vco Control: 2200
2014-12-26 10:06:08.420 timing mode: external seascan
2014-12-26 10:06:08.420 tempco normal
2014-12-26 10:06:08.420 PLL update: 10s  PLL lock criterion: 5us
2014-12-26 10:06:08.420 Pfrac: 150.00
2014-12-26 10:06:08.420 VCO slope: -0.0175000
2014-12-26 10:06:08.420 VCO intercept: 7.1100001
2014-12-26 10:06:08.420 Km delta: 600.0000000
2014-12-26 10:06:08.420 Logical Port 4 Status
2014-12-26 10:06:08.420 Data Packets Sent: 26341894
2014-12-26 10:06:08.420 Flood Packets Sent: 0
2014-12-26 10:06:08.420 Packets Re-Sent: 41960
2014-12-26 10:06:08.420 Sequence Errors: 0
2014-12-26 10:06:08.420 Packet Buffer Used: 22151236
2014-12-26 10:06:08.420 Physical Port: Ethernet
2014-12-26 10:06:08.420 Baler Model: 14  Software Version: 2.28
2014-12-26 10:06:08.420 MAC Address: 00:04:FB:00:02:EA
2014-12-26 10:06:08.420 Disk Size: 20000669696
2014-12-26 10:06:08.420 Percent of 1177 data files in use: 50.4
2014-12-26 10:06:08.420 Channels Enabled: 1234  Preamps ON channels:
2014-12-26 10:06:08.420 Channel Sensitivities (uV per count):
2014-12-26 10:06:08.420 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-26 10:06:08.420 Digitizer Calibration Results:
2014-12-26 10:06:08.420 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2014-12-26 10:06:08.420 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2014-12-26 10:06:08.420 DMU1 Software Version=10
2014-12-26 10:06:08.420 Supply Voltage=12.7
2014-12-26 10:06:08.420 Supply Current=0.41
2014-12-26 10:06:08.420 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-26 10:06:08.420 webLink Data Maps Restored
2014-12-26 10:06:08.420 [2014-12-25 22:05:12.999998] sequence resumes: 22795222 to
22795222
2014-12-26 10:06:08.420 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-26 10:06:07
2014-12-26 10:06:08.420 [2014-12-25 23:59:59.999998] Saving Configuration to Backup
Memory
2014-12-26 10:11:38.790 [2014-12-26 10:10:25.999998] total packets received: 45152
2014-12-26 10:11:38.790 [2014-12-26 10:10:25.999998] command timeouts: 6
2014-12-26 10:11:38.790 [2014-12-26 10:10:25.999998] out of window: 64
2014-12-26 10:11:38.790 written: HHZ-1158 HH1-1347 HH2-1405 BDH-450 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-12-26 10:11:38.790 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-34
VMZ-1 VM1-1
2014-12-26 10:11:38.790 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-12-26 10:11:38.790 [2014-12-26 10:10:25.999998] Done: 4510 recs. seq end:
22838735. run: 325 s
2014-12-26 22:12:32.450
2014-12-26 22:12:32.450 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-26 22:12:32.450 Control Port 2491 Opened
2014-12-26 22:12:32.450 Baler ready on Ethernet
2014-12-26 22:12:32.450 Power Cycled Baler Acknowledged
2014-12-26 22:12:32.450 Commands Accepted by Q330
2014-12-26 22:12:32.450 Access timeout: 300 sec
2014-12-26 22:12:32.450 Control Port 4023 Opened
2014-12-26 22:12:32.450 Data Port 4024 Opened
2014-12-26 22:12:32.450 Registered with Q330
2014-12-26 22:12:32.450 Combination Record Received
2014-12-26 22:12:32.450 window=4  Min. Timeout=10  Max. Timeout=30

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2014-12-26 22:12:32.450 Link Reset, starting window sequence: 38758  
 2014-12-26 22:12:32.450 Manufacturer's Data Received, Property Tag=2017  
 2014-12-26 22:12:32.450 Digitizer Gain & Offsets Received  
 2014-12-26 22:12:32.450 Msg From 192.168.200.119:Baler XX-2017 readback. 4510 recs.  
 seq end: 22838735  
 2014-12-26 22:12:32.450 Baler clock set to 2014-12-26 22:12:31  
 2014-12-26 22:12:32.450 Starting to Read DP Tokens  
 2014-12-26 22:12:32.450 DP Tokens loaded, size=1474 bytes  
 2014-12-26 22:12:32.450 Webserver advertising 192.168.200.119:5380  
 2014-12-26 22:12:32.450 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-26 22:12:32.450 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-26 22:12:32.450 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-26 22:12:32.450 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-26 22:12:32.450 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-26 22:12:32.450 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-26 22:12:32.450 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-26 22:12:32.450 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-26 22:12:32.450 [2014-12-26 10:10:25.999998] continuity found: 22838735  
 472903826.000000 Q=100  
 2014-12-26 22:12:32.450 [2014-12-26 10:10:25.999998] restoring continuity  
 2014-12-26 22:12:32.450 Sending DT\_OPEN  
 2014-12-26 22:12:32.450 Station: XX-2017  
 2014-12-26 22:12:32.450 Q330 Serial Number: 0100000DB18FC351  
 2014-12-26 22:12:32.450 AMB Serial Number: 0100000B6909DD82  
 2014-12-26 22:12:32.450 Seismo 1 Serial Number: 0000000000000000  
 2014-12-26 22:12:32.450 Seismo 2 Serial Number: 0000000000000000  
 2014-12-26 22:12:32.450 QAPCHP 1 Serial Number: 4643206  
 2014-12-26 22:12:32.450 QAPCHP 2 Serial Number: 3743050  
 2014-12-26 22:12:32.450 KMI Property Tag Number: 2017  
 2014-12-26 22:12:32.450 System Software Version: 1.146  
 2014-12-26 22:12:32.450 Slave Processor Version: 1.11  
 2014-12-26 22:12:32.450 Calibrator Type: QCAL330  
 2014-12-26 22:12:32.450 Calibrator Version: 1.8  
 2014-12-26 22:12:32.450 Auxiliary Board Type: None  
 2014-12-26 22:12:32.450 Clock Type: Motorola M12  
 2014-12-26 22:12:32.450 PLD Version: 7.9  
 2014-12-26 22:12:32.450 Total Hours: 71498.77  
 2014-12-26 22:12:32.450 Power On Hours: 36129.16  
 2014-12-26 22:12:32.450 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-26 22:12:32.450 Total Number of Boots: 120  
 2014-12-26 22:12:32.450 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-26 22:12:32.450 Total Number of Re-Syncs: 213  
 2014-12-26 22:12:32.450 Status Inputs: 00000000  
 2014-12-26 22:12:32.450 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-26 22:12:32.450 Clock Quality: 100%  
 2014-12-26 22:12:32.450 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-26 22:12:32.450 Clock Phase: 1 usec. max allowed=50000  
 2014-12-26 22:12:32.450 Boom positions:  
 2014-12-26 22:12:32.450 Ch1: -2 Ch2: -6 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-26 22:12:32.450 Analog Status  
 2014-12-26 22:12:32.450 Analog Positive Supply: 5.46V  
 2014-12-26 22:12:32.450 Input Voltage: 13.35V  
 2014-12-26 22:12:32.450 System Temperature: 5C  
 2014-12-26 22:12:32.450 Main Current: 62ma  
 2014-12-26 22:12:32.450 Antenna Current: 0ma  
 2014-12-26 22:12:32.450 GPS Status  
 2014-12-26 22:12:32.450 Time: 22:12:31  
 2014-12-26 22:12:32.450 Date:  
 2014-12-26 22:12:32.450 Fix Type: 1-D  
 2014-12-26 22:12:32.450 Height:  
 2014-12-26 22:12:32.450 Latitude:  
 2014-12-26 22:12:32.450 Longitude:  
 2014-12-26 22:12:32.450 On Time: 0min

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2014-12-26 22:12:32.450 Sat. Used: 0  
 2014-12-26 22:12:32.450 In View: 0  
 2014-12-26 22:12:32.450 Checksum Errors: 0  
 2014-12-26 22:12:32.450 Last GPS timemark: 2014-12-26 22:12:30  
 2014-12-26 22:12:32.450 PLL Status  
 2014-12-26 22:12:32.450 State: Lock  
 2014-12-26 22:12:32.450 Initial VCO: 2200.209473  
 2014-12-26 22:12:32.450 Time Error: 0.000000  
 2014-12-26 22:12:32.450 RMS VCO: 0.000000  
 2014-12-26 22:12:32.450 Best VCO: 2200.16  
 2014-12-26 22:12:32.450 Seconds Since Track or Lock: 0.0  
 2014-12-26 22:12:32.450 Vco Control: 2200  
 2014-12-26 22:12:32.450 timing mode: external seascan  
 2014-12-26 22:12:32.450 tempco normal  
 2014-12-26 22:12:32.450 PLL update: 10s PLL lock criterion: 5us  
 2014-12-26 22:12:32.450 Pfrac: 150.00  
 2014-12-26 22:12:32.450 VCO slope: -0.0175000  
 2014-12-26 22:12:32.450 VCO intercept: 7.1100001  
 2014-12-26 22:12:32.450 Km delta: 600.0000000  
 2014-12-26 22:12:32.450 Logical Port 4 Status  
 2014-12-26 22:12:32.450 Data Packets Sent: 26386952  
 2014-12-26 22:12:32.450 Flood Packets Sent: 0  
 2014-12-26 22:12:32.450 Packets Re-Sent: 42047  
 2014-12-26 22:12:32.450 Sequence Errors: 0  
 2014-12-26 22:12:32.450 Packet Buffer Used: 22323664  
 2014-12-26 22:12:32.450 Physical Port: Ethernet  
 2014-12-26 22:12:32.450 Baler Model: 14 Software Version: 2.28  
 2014-12-26 22:12:32.450 MAC Address: 00:04:FB:00:02:EA  
 2014-12-26 22:12:32.450 Disk Size: 20000669696  
 2014-12-26 22:12:32.450 Percent of 1177 data files in use: 50.4  
 2014-12-26 22:12:32.450 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-26 22:12:32.450 Channel Sensitivities (uV per count):  
 2014-12-26 22:12:32.450 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-26 22:12:32.450 Digitizer Calibration Results:  
 2014-12-26 22:12:32.450 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-26 22:12:32.450 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-26 22:12:32.450 DMU1 Software Version=10  
 2014-12-26 22:12:32.450 Supply Voltage=12.7  
 2014-12-26 22:12:32.450 Supply Current=0.40  
 2014-12-26 22:12:32.450 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-26 22:12:32.450 webLink Data Maps Restored  
 2014-12-26 22:12:32.450 [2014-12-26 10:10:25.999998] sequence resumes: 22838735 to  
 22838735  
 2014-12-26 22:12:32.450 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-26 22:12:31  
 2014-12-26 22:18:03.330 [2014-12-26 22:08:02.000000] total packets received: 46923  
 2014-12-26 22:18:03.330 [2014-12-26 22:08:02.000000] command timeouts: 6  
 2014-12-26 22:18:03.330 [2014-12-26 22:08:02.000000] out of window: 66  
 2014-12-26 22:18:03.330 written: HHZ-1165 HH1-1329 HH2-1414 BDH-433 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-26 22:18:03.330 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-28  
 VMZ-2 VM1-2  
 2014-12-26 22:18:03.330 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-26 22:18:03.330 [2014-12-26 22:08:02.000000] Done: 4484 recs. seq end:  
 22881791. run: 325 s  
 2014-12-27 10:18:54.460  
 2014-12-27 10:18:54.460 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-27 10:18:54.460 Control Port 2491 Opened  
 2014-12-27 10:18:54.460 Baler ready on Ethernet  
 2014-12-27 10:18:54.460 Power Cycled Baler Acknowledged  
 2014-12-27 10:18:54.460 Commands Accepted by Q330  
 2014-12-27 10:18:54.460 Access timeout: 300 sec  
 2014-12-27 10:18:54.460 Control Port 4023 Opened

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2014-12-27 10:18:54.460 Data Port 4024 Opened
2014-12-27 10:18:54.460 Registered with Q330
2014-12-27 10:18:54.460 Combination Record Received
2014-12-27 10:18:54.460 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-27 10:18:54.460 Link Reset, starting window sequence: 20044
2014-12-27 10:18:54.460 GPS Receiver ID Received
2014-12-27 10:18:54.460 Manufacturer's Data Received, Property Tag=2017
2014-12-27 10:18:54.460 Digitizer Gain & Offsets Received
2014-12-27 10:18:54.460 Msg From 192.168.200.119:Baler XX-2017 readback. 4484 recs.
seq end: 22881791
2014-12-27 10:18:54.460 Baler clock set to 2014-12-27 10:18:53
2014-12-27 10:18:54.460 Starting to Read DP Tokens
2014-12-27 10:18:54.460 DP Tokens loaded, size=1474 bytes
2014-12-27 10:18:54.460 webserver advertising 192.168.200.119:5380
2014-12-27 10:18:54.460 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-27 10:18:54.460 filters & delay HH1:2@100,Linear all=0.320000
2014-12-27 10:18:54.460 filters & delay HH2:3@100,Linear all=0.320000
2014-12-27 10:18:54.460 filters & delay BDH:4@20,Linear all=1.650000
2014-12-27 10:18:54.460 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-27 10:18:54.460 filters & delay LH1:2@1,Linear all=15.000000
2014-12-27 10:18:54.460 filters & delay LH2:3@1,Linear all=15.000000
2014-12-27 10:18:54.460 filters & delay LDH:4@1,Linear all=15.000000
2014-12-27 10:18:54.460 [2014-12-26 22:08:02.000000] continuity found: 22881791
472946882.000000 Q=100
2014-12-27 10:18:54.460 [2014-12-26 22:08:02.000000] restoring continuity
2014-12-27 10:18:54.460 Sending DT_OPEN
2014-12-27 10:18:54.460 Station: XX-2017
2014-12-27 10:18:54.460 Q330 Serial Number: 0100000DB18FC351
2014-12-27 10:18:54.460 AMB Serial Number: 0100000B6909DD82
2014-12-27 10:18:54.460 Seismo 1 Serial Number: 0000000000000000
2014-12-27 10:18:54.460 Seismo 2 Serial Number: 0000000000000000
2014-12-27 10:18:54.460 QAPCHP 1 Serial Number: 4643206
2014-12-27 10:18:54.460 QAPCHP 2 Serial Number: 3743050
2014-12-27 10:18:54.460 KMI Property Tag Number: 2017
2014-12-27 10:18:54.460 System Software Version: 1.146
2014-12-27 10:18:54.460 Slave Processor Version: 1.11
2014-12-27 10:18:54.460 Calibrator Type: QCAL330
2014-12-27 10:18:54.460 Calibrator Version: 1.8
2014-12-27 10:18:54.460 Auxiliary Board Type: None
2014-12-27 10:18:54.460 Clock Type: Motorola M12
2014-12-27 10:18:54.460 PLD Version: 7.9
2014-12-27 10:18:54.460 Total Hours: 71510.88
2014-12-27 10:18:54.460 Power On Hours: 36141.27
2014-12-27 10:18:54.460 Time of Last Boot: 2014-04-06 02:03:58
2014-12-27 10:18:54.460 Total Number of Boots: 120
2014-12-27 10:18:54.460 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-27 10:18:54.460 Total Number of Re-Syncs: 213
2014-12-27 10:18:54.460 Status Inputs: 00000000
2014-12-27 10:18:54.460 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-27 10:18:54.460 Clock Quality: 100%
2014-12-27 10:18:54.460 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-27 10:18:54.460 Clock Phase: 0 usec. max allowed=50000
2014-12-27 10:18:54.460 Boom positions:
2014-12-27 10:18:54.460 ch1: -2 ch2: -7 ch3: 8 ch4: 20 ch5: 20 ch6: 20
2014-12-27 10:18:54.460 Analog Status
2014-12-27 10:18:54.460 Analog Positive Supply: 5.46V
2014-12-27 10:18:54.460 Input Voltage: 13.20V
2014-12-27 10:18:54.460 System Temperature: 5C
2014-12-27 10:18:54.460 Main Current: 63ma
2014-12-27 10:18:54.460 Antenna Current: 0ma
2014-12-27 10:18:54.460 GPS Status
2014-12-27 10:18:54.460 Time: 10:18:53
2014-12-27 10:18:54.460 Date:

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2014-12-27 10:18:54.460 Fix Type: 1-D  
 2014-12-27 10:18:54.460 Height:  
 2014-12-27 10:18:54.460 Latitude:  
 2014-12-27 10:18:54.460 Longitude:  
 2014-12-27 10:18:54.460 On Time: 0min  
 2014-12-27 10:18:54.460 Sat. Used: 0  
 2014-12-27 10:18:54.460 In View: 0  
 2014-12-27 10:18:54.460 Checksum Errors: 0  
 2014-12-27 10:18:54.460 Last GPS timemark: 2014-12-27 10:18:52  
 2014-12-27 10:18:54.460 PLL Status  
 2014-12-27 10:18:54.460 State: Lock  
 2014-12-27 10:18:54.460 Initial VCO: 2199.950684  
 2014-12-27 10:18:54.460 Time Error: 0.000000  
 2014-12-27 10:18:54.460 RMS VCO: 0.000000  
 2014-12-27 10:18:54.460 Best VCO: 2199.99  
 2014-12-27 10:18:54.460 Seconds Since Track or Lock: 0.0  
 2014-12-27 10:18:54.460 Vco Control: 2200  
 2014-12-27 10:18:54.460 timing mode: external seascan  
 2014-12-27 10:18:54.460 tempco normal  
 2014-12-27 10:18:54.460 PLL update: 10s PLL lock criterion: 5us  
 2014-12-27 10:18:54.460 Pfrac: 150.00  
 2014-12-27 10:18:54.460 VCO slope: -0.0175000  
 2014-12-27 10:18:54.460 VCO intercept: 7.1100001  
 2014-12-27 10:18:54.460 km delta: 600.0000000  
 2014-12-27 10:18:54.460 Logical Port 4 Status  
 2014-12-27 10:18:54.460 Data Packets Sent: 26433779  
 2014-12-27 10:18:54.460 Flood Packets Sent: 0  
 2014-12-27 10:18:54.460 Packets Re-Sent: 42123  
 2014-12-27 10:18:54.460 Sequence Errors: 0  
 2014-12-27 10:18:54.460 Physical Port: Ethernet  
 2014-12-27 10:18:54.460 Baler Model: 14 Software Version: 2.28  
 2014-12-27 10:18:54.460 MAC Address: 00:04:FB:00:02:EA  
 2014-12-27 10:18:54.460 Disk Size: 20000669696  
 2014-12-27 10:18:54.460 Percent of 1177 data files in use: 50.6  
 2014-12-27 10:18:54.460 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-27 10:18:54.460 Channel Sensitivities (uV per count):  
 2014-12-27 10:18:54.460 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-27 10:18:54.460 Digitizer Calibration Results:  
 2014-12-27 10:18:54.460 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-27 10:18:54.460 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-27 10:18:54.460 DMU1 Software Version=10  
 2014-12-27 10:18:54.460 Supply Voltage=12.6  
 2014-12-27 10:18:54.460 Supply Current=0.42  
 2014-12-27 10:18:54.460 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-27 10:18:54.460 WebLink Data Maps Restored  
 2014-12-27 10:18:54.460 [2014-12-26 22:08:02.000000] sequence resumes: 22881791 to  
 22881791  
 2014-12-27 10:18:54.460 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-27 10:18:53  
 2014-12-27 10:18:54.460 [2014-12-27 00:00:00.000001] Saving Configuration to Backup  
 Memory  
 2014-12-27 10:24:24.510 [2014-12-27 10:20:30.000000] total packets received: 45892  
 2014-12-27 10:24:24.510 [2014-12-27 10:20:30.000000] command timeouts: 6  
 2014-12-27 10:24:24.510 [2014-12-27 10:20:30.000000] out of window: 61  
 2014-12-27 10:24:24.510 written: HHZ-1094 HH1-1387 HH2-1437 BDH-425 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-27 10:24:24.510 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-12-27 10:24:24.510 written: VM2-2 LOG-2 ACE-2 OCF-2  
 2014-12-27 10:24:24.510 [2014-12-27 10:20:30.000000] Done: 4487 recs. seq end:  
 22925739. run: 325 s  
 2014-12-27 22:25:17.460  
 2014-12-27 22:25:17.460 Quanterra Packet Baler Model 14 Restart. Version 2.28



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2014-12-27 22:25:17.460 Control Port 2491 Opened
2014-12-27 22:25:17.460 Baler ready on Ethernet
2014-12-27 22:25:17.460 Power Cycled Baler Acknowledged
2014-12-27 22:25:17.460 Commands Accepted by Q330
2014-12-27 22:25:17.460 Access timeout: 300 sec
2014-12-27 22:25:17.460 Control Port 4023 Opened
2014-12-27 22:25:17.460 Data Port 4024 Opened
2014-12-27 22:25:17.460 Registered with Q330
2014-12-27 22:25:17.460 Combination Record Received
2014-12-27 22:25:17.460 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-27 22:25:17.460 Link Reset, starting window sequence: 304
2014-12-27 22:25:17.460 GPS Receiver ID Received
2014-12-27 22:25:17.460 Manufacturer's Data Received, Property Tag=2017
2014-12-27 22:25:17.460 Digitizer Gain & Offsets Received
2014-12-27 22:25:17.460 Msg From 192.168.200.119:Baler XX-2017 readback. 4487 recs.
seq end: 22925739
2014-12-27 22:25:17.460 Baler clock set to 2014-12-27 22:25:16
2014-12-27 22:25:17.460 Starting to Read DP Tokens
2014-12-27 22:25:17.460 DP Tokens loaded, size=1474 bytes
2014-12-27 22:25:17.460 webserver advertising 192.168.200.119:5380
2014-12-27 22:25:17.460 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-27 22:25:17.460 filters & delay HH1:2@100,Linear all=0.320000
2014-12-27 22:25:17.460 filters & delay HH2:3@100,Linear all=0.320000
2014-12-27 22:25:17.460 filters & delay BDH:4@20,Linear all=1.650000
2014-12-27 22:25:17.460 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-27 22:25:17.460 filters & delay LH1:2@1,Linear all=15.000000
2014-12-27 22:25:17.460 filters & delay LH2:3@1,Linear all=15.000000
2014-12-27 22:25:17.460 filters & delay LDH:4@1,Linear all=15.000000
2014-12-27 22:25:17.460 [2014-12-27 10:20:30.000000] continuity found: 22925739
472990830.000000 Q=100
2014-12-27 22:25:17.460 [2014-12-27 10:20:30.000000] restoring continuity
2014-12-27 22:25:17.460 Sending DT_OPEN
2014-12-27 22:25:17.460 Station: XX-2017
2014-12-27 22:25:17.460 Q330 Serial Number: 0100000DB18FC351
2014-12-27 22:25:17.460 AMB Serial Number: 0100000B6909DD82
2014-12-27 22:25:17.460 Seismo 1 Serial Number: 0000000000000000
2014-12-27 22:25:17.460 Seismo 2 Serial Number: 0000000000000000
2014-12-27 22:25:17.460 QAPCHP 1 Serial Number: 4643206
2014-12-27 22:25:17.460 QAPCHP 2 Serial Number: 3743050
2014-12-27 22:25:17.460 KMI Property Tag Number: 2017
2014-12-27 22:25:17.460 System Software Version: 1.146
2014-12-27 22:25:17.460 Slave Processor Version: 1.11
2014-12-27 22:25:17.460 Calibrator Type: QCAL330
2014-12-27 22:25:17.460 Calibrator Version: 1.8
2014-12-27 22:25:17.460 Auxiliary Board Type: None
2014-12-27 22:25:17.460 Clock Type: Motorola M12
2014-12-27 22:25:17.460 PLD Version: 7.9
2014-12-27 22:25:17.460 Total Hours: 71522.99
2014-12-27 22:25:17.460 Power On Hours: 36153.37
2014-12-27 22:25:17.460 Time of Last Boot: 2014-04-06 02:03:58
2014-12-27 22:25:17.460 Total Number of Boots: 120
2014-12-27 22:25:17.460 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-27 22:25:17.460 Total Number of Re-Syncs: 213
2014-12-27 22:25:17.460 Status Inputs: 00000000
2014-12-27 22:25:17.460 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-27 22:25:17.460 Clock Quality: 100%
2014-12-27 22:25:17.460 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-27 22:25:17.460 Clock Phase: 0 usec. max allowed=50000
2014-12-27 22:25:17.460 Boom positions:
2014-12-27 22:25:17.460 ch1: -2 ch2: -7 ch3: 9 ch4: 20 ch5: 20 ch6: 20
2014-12-27 22:25:17.460 Analog Status
2014-12-27 22:25:17.460 Analog Positive Supply: 5.46V
2014-12-27 22:25:17.460 Input voltage: 13.20V

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2014-12-27 22:25:17.460 System Temperature: 5C  
 2014-12-27 22:25:17.460 Main Current: 64ma  
 2014-12-27 22:25:17.460 Antenna Current: 0ma  
 2014-12-27 22:25:17.460 GPS Status  
 2014-12-27 22:25:17.460 Time: 22:25:16  
 2014-12-27 22:25:17.460 Date:  
 2014-12-27 22:25:17.460 Fix Type: 1-D  
 2014-12-27 22:25:17.460 Height:  
 2014-12-27 22:25:17.460 Latitude:  
 2014-12-27 22:25:17.460 Longitude:  
 2014-12-27 22:25:17.460 On Time: 0min  
 2014-12-27 22:25:17.460 Sat. Used: 0  
 2014-12-27 22:25:17.460 In View: 0  
 2014-12-27 22:25:17.460 Checksum Errors: 0  
 2014-12-27 22:25:17.460 Last GPS timemark: 2014-12-27 22:25:15  
 2014-12-27 22:25:17.460 PLL Status  
 2014-12-27 22:25:17.460 State: Lock  
 2014-12-27 22:25:17.460 Initial VCO: 2200.364990  
 2014-12-27 22:25:17.460 Time Error: 0.000000  
 2014-12-27 22:25:17.460 RMS VCO: 0.000000  
 2014-12-27 22:25:17.460 Best VCO: 2200.41  
 2014-12-27 22:25:17.460 Seconds Since Track or Lock: 0.0  
 2014-12-27 22:25:17.460 Vco Control: 2200  
 2014-12-27 22:25:17.460 timing mode: external seascan  
 2014-12-27 22:25:17.460 tempco normal  
 2014-12-27 22:25:17.460 PLL update: 10s PLL lock criterion: 5us  
 2014-12-27 22:25:17.460 Pfrac: 150.00  
 2014-12-27 22:25:17.460 VCO slope: -0.0175000  
 2014-12-27 22:25:17.460 VCO intercept: 7.1100001  
 2014-12-27 22:25:17.460 km delta: 600.0000000  
 2014-12-27 22:25:17.460 Logical Port 4 Status  
 2014-12-27 22:25:17.460 Data Packets Sent: 26479580  
 2014-12-27 22:25:17.460 Flood Packets Sent: 0  
 2014-12-27 22:25:17.460 Packets Re-Sent: 42201  
 2014-12-27 22:25:17.460 Sequence Errors: 0  
 2014-12-27 22:25:17.460 Packet Buffer Used: 21904764  
 2014-12-27 22:25:17.460 Physical Port: Ethernet  
 2014-12-27 22:25:17.460 Baler Model: 14 Software Version: 2.28  
 2014-12-27 22:25:17.460 MAC Address: 00:04:FB:00:02:EA  
 2014-12-27 22:25:17.460 Disk Size: 20000669696  
 2014-12-27 22:25:17.460 Percent of 1177 data files in use: 50.7  
 2014-12-27 22:25:17.460 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-27 22:25:17.460 Channel Sensitivities (uV per count):  
 2014-12-27 22:25:17.460 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-27 22:25:17.460 Digitizer Calibration Results:  
 2014-12-27 22:25:17.460 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-27 22:25:17.460 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-27 22:25:17.460 DMU1 Software Version=10  
 2014-12-27 22:25:17.460 Supply Voltage=12.7  
 2014-12-27 22:25:17.460 Supply Current=0.40  
 2014-12-27 22:25:17.460 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-27 22:25:17.460 webLink Data Maps Restored  
 2014-12-27 22:25:17.460 [2014-12-27 10:20:30.000000] sequence resumes: 22925739 to  
 22925739  
 2014-12-27 22:25:17.460 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-27 22:25:16  
 2014-12-27 22:30:46.680 [2014-12-27 22:30:20.000000] total packets received: 47316  
 2014-12-27 22:30:46.680 [2014-12-27 22:30:20.000000] command timeouts: 6  
 2014-12-27 22:30:46.680 [2014-12-27 22:30:20.000000] out of window: 58  
 2014-12-27 22:30:46.680 written: HHZ-1136 HH1-1376 HH2-1396 BDH-406 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2014-12-27 22:30:46.680 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1

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2014-12-27 22:30:46.680 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-27 22:30:46.680 [2014-12-27 22:30:20.000000] Done: 4448 recs. seq end:
22969529. run: 325 s
2014-12-28 10:31:40.510
2014-12-28 10:31:40.510 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-28 10:31:40.510 Control Port 2491 Opened
2014-12-28 10:31:40.510 Baler ready on Ethernet
2014-12-28 10:31:40.510 Power Cycled Baler Acknowledged
2014-12-28 10:31:40.510 Commands Accepted by Q330
2014-12-28 10:31:40.510 Access timeout: 300 sec
2014-12-28 10:31:40.510 Control Port 4023 Opened
2014-12-28 10:31:40.510 Data Port 4024 Opened
2014-12-28 10:31:40.510 Registered with Q330
2014-12-28 10:31:40.510 Combination Record Received
2014-12-28 10:31:40.510 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-28 10:31:40.510 Link Reset, starting window sequence: 47527
2014-12-28 10:31:40.510 GPS Receiver ID Received
2014-12-28 10:31:40.510 Manufacturer's Data Received, Property Tag=2017
2014-12-28 10:31:40.510 Digitizer Gain & Offsets Received
2014-12-28 10:31:40.510 Msg From 192.168.200.119:Baler XX-2017 readback. 4448 recs.
seq end: 22969529
2014-12-28 10:31:40.510 Baler clock set to 2014-12-28 10:31:39
2014-12-28 10:31:40.510 Starting to Read DP Tokens
2014-12-28 10:31:40.510 DP Tokens loaded, size=1474 bytes
2014-12-28 10:31:40.510 webserver advertising 192.168.200.119:5380
2014-12-28 10:31:40.510 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-28 10:31:40.510 filters & delay HH1:2@100,Linear all=0.320000
2014-12-28 10:31:40.510 filters & delay HH2:3@100,Linear all=0.320000
2014-12-28 10:31:40.510 filters & delay BDH:4@20,Linear all=1.650000
2014-12-28 10:31:40.510 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-28 10:31:40.510 filters & delay LH1:2@1,Linear all=15.000000
2014-12-28 10:31:40.510 filters & delay LH2:3@1,Linear all=15.000000
2014-12-28 10:31:40.510 filters & delay LDH:4@1,Linear all=15.000000
2014-12-28 10:31:40.510 [2014-12-27 22:30:20.000000] continuity found: 22969529
473034620.000000 Q=100
2014-12-28 10:31:40.510 [2014-12-27 22:30:20.000000] restoring continuity
2014-12-28 10:31:40.510 Sending DT_OPEN
2014-12-28 10:31:40.510 Station: XX-2017
2014-12-28 10:31:40.510 Q330 Serial Number: 0100000DB18FC351
2014-12-28 10:31:40.510 AMB Serial Number: 0100000B6909DD82
2014-12-28 10:31:40.510 Seismo 1 Serial Number: 0000000000000000
2014-12-28 10:31:40.510 Seismo 2 Serial Number: 0000000000000000
2014-12-28 10:31:40.510 QAPCHP 1 Serial Number: 4643206
2014-12-28 10:31:40.510 QAPCHP 2 Serial Number: 3743050
2014-12-28 10:31:40.510 KMI Property Tag Number: 2017
2014-12-28 10:31:40.510 System Software Version: 1.146
2014-12-28 10:31:40.510 Slave Processor Version: 1.11
2014-12-28 10:31:40.510 Calibrator Type: QCAL330
2014-12-28 10:31:40.510 Calibrator Version: 1.8
2014-12-28 10:31:40.510 Auxiliary Board Type: None
2014-12-28 10:31:40.510 Clock Type: Motorola M12
2014-12-28 10:31:40.510 Total Hours: 71535.09
2014-12-28 10:31:40.510 Power On Hours: 36165.48
2014-12-28 10:31:40.510 Time of Last Boot: 2014-04-06 02:03:58
2014-12-28 10:31:40.510 Total Number of Boots: 120
2014-12-28 10:31:40.510 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-28 10:31:40.510 Total Number of Re-Syncs: 213
2014-12-28 10:31:40.510 Status Inputs: 00000000
2014-12-28 10:31:40.510 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-28 10:31:40.510 Clock Quality: 100%
2014-12-28 10:31:40.510 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-28 10:31:40.510 Clock Phase: 0 usec. max allowed=50000
2014-12-28 10:31:40.510 Boom positions:

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2014-12-28 10:31:40.510 Ch1: -2 Ch2: -8 Ch3: 10 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-28 10:31:40.510 Analog Status  
 2014-12-28 10:31:40.510 Analog Positive Supply: 5.46V  
 2014-12-28 10:31:40.510 Input Voltage: 13.20V  
 2014-12-28 10:31:40.510 System Temperature: 5C  
 2014-12-28 10:31:40.510 Main Current: 62ma  
 2014-12-28 10:31:40.510 Antenna Current: 0ma  
 2014-12-28 10:31:40.510 GPS Status  
 2014-12-28 10:31:40.510 Time: 10:31:39  
 2014-12-28 10:31:40.510 Date:  
 2014-12-28 10:31:40.510 Fix Type: 1-D  
 2014-12-28 10:31:40.510 Height:  
 2014-12-28 10:31:40.510 Latitude:  
 2014-12-28 10:31:40.510 Longitude:  
 2014-12-28 10:31:40.510 On Time: 0min  
 2014-12-28 10:31:40.510 Sat. Used: 0  
 2014-12-28 10:31:40.510 In View: 0  
 2014-12-28 10:31:40.510 Checksum Errors: 0  
 2014-12-28 10:31:40.510 Last GPS timemark: 2014-12-28 10:31:38  
 2014-12-28 10:31:40.510 PLL Status  
 2014-12-28 10:31:40.510 State: Lock  
 2014-12-28 10:31:40.510 Initial VCO: 2200.439453  
 2014-12-28 10:31:40.510 Time Error: 0.000000  
 2014-12-28 10:31:40.510 RMS VCO: 0.0000000  
 2014-12-28 10:31:40.510 Best VCO: 2200.56  
 2014-12-28 10:31:40.510 Seconds Since Track or Lock: 0.0  
 2014-12-28 10:31:40.510 Vco Control: 2200  
 2014-12-28 10:31:40.510 timing mode: external seascan  
 2014-12-28 10:31:40.510 tempco normal  
 2014-12-28 10:31:40.510 PLL update: 10s PLL lock criterion: 5us  
 2014-12-28 10:31:40.510 Pfrac: 150.00  
 2014-12-28 10:31:40.510 VCO slope: -0.0175000  
 2014-12-28 10:31:40.510 VCO intercept: 7.1100001  
 2014-12-28 10:31:40.510 Km delta: 600.0000000  
 2014-12-28 10:31:40.510 Logical Port 4 Status  
 2014-12-28 10:31:40.510 Data Packets Sent: 26526808  
 2014-12-28 10:31:40.510 Flood Packets Sent: 0  
 2014-12-28 10:31:40.510 Packets Re-Sent: 42280  
 2014-12-28 10:31:40.510 Sequence Errors: 0  
 2014-12-28 10:31:40.510 Packet Buffer Used: 21594856  
 2014-12-28 10:31:40.510 Physical Port: Ethernet  
 2014-12-28 10:31:40.510 Baler Model: 14 Software Version: 2.28  
 2014-12-28 10:31:40.510 MAC Address: 00:04:FB:00:02:EA  
 2014-12-28 10:31:40.510 Disk Size: 20000669696  
 2014-12-28 10:31:40.510 Percent of 1177 data files in use: 50.7  
 2014-12-28 10:31:40.510 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-28 10:31:40.510 Channel Sensitivities (uV per count):  
 2014-12-28 10:31:40.510 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-28 10:31:40.510 Digitizer Calibration Results:  
 2014-12-28 10:31:40.510 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-28 10:31:40.510 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-28 10:31:40.510 DMU1 Software Version=10  
 2014-12-28 10:31:40.510 Supply Voltage=12.6  
 2014-12-28 10:31:40.510 Supply Current=0.41  
 2014-12-28 10:31:40.510 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-28 10:31:40.510 WebLink Data Maps Restored  
 2014-12-28 10:31:40.510 [2014-12-27 22:30:20.000000] sequence resumes: 22969529 to  
 22969529  
 2014-12-28 10:31:40.510 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2014-12-28 10:31:39  
 2014-12-28 10:31:40.510 [2014-12-28 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-12-28 10:37:04.290 Reducing Status Polling Interval

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2014-12-28 10:37:04.290 [2014-12-28 10:37:03.000000] total packets received: 50336
2014-12-28 10:37:04.290 [2014-12-28 10:37:03.000000] command timeouts: 6
2014-12-28 10:37:04.290 [2014-12-28 10:37:03.000000] out of window: 52
2014-12-28 10:37:04.290 written: HHZ-1180 HH1-1300 HH2-1345 BDH-403 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-12-28 10:37:04.290 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-22 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2014-12-28 10:37:04.290 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2014-12-28 10:37:04.290 [2014-12-28 10:37:03.000000] Done: 4368 recs. seq end:
23013132. run: 321 s
2014-12-28 22:38:01.520
2014-12-28 22:38:01.520 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-28 22:38:01.520 Control Port 2491 Opened
2014-12-28 22:38:01.520 Baler ready on Ethernet
2014-12-28 22:38:01.520 Power Cycled Baler Acknowledged
2014-12-28 22:38:01.520 Commands Accepted by Q330
2014-12-28 22:38:01.520 Access timeout: 300 sec
2014-12-28 22:38:01.520 Control Port 4023 Opened
2014-12-28 22:38:01.520 Data Port 4024 Opened
2014-12-28 22:38:01.520 Registered with Q330
2014-12-28 22:38:01.520 Combination Record Received
2014-12-28 22:38:01.520 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-28 22:38:01.520 Link Reset, starting window sequence: 32240
2014-12-28 22:38:01.520 GPS Receiver ID Received
2014-12-28 22:38:01.520 Manufacturer's Data Received, Property Tag=2017
2014-12-28 22:38:01.520 Digitizer Gain & Offsets Received
2014-12-28 22:38:01.520 Msg From 192.168.200.119:Baler XX-2017 readback. 4368 recs.
seq end: 23013132
2014-12-28 22:38:01.520 Baler clock set to 2014-12-28 22:38:00
2014-12-28 22:38:01.520 Starting to Read DP Tokens
2014-12-28 22:38:01.520 DP Tokens loaded, size=1474 bytes
2014-12-28 22:38:01.520 webserver advertising 192.168.200.119:5380
2014-12-28 22:38:01.520 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-28 22:38:01.520 filters & delay HH1:2@100,Linear all=0.320000
2014-12-28 22:38:01.520 filters & delay HH2:3@100,Linear all=0.320000
2014-12-28 22:38:01.520 filters & delay BDH:4@20,Linear all=1.650000
2014-12-28 22:38:01.520 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-28 22:38:01.520 filters & delay LH1:2@1,Linear all=15.000000
2014-12-28 22:38:01.520 filters & delay LH2:3@1,Linear all=15.000000
2014-12-28 22:38:01.520 filters & delay LDH:4@1,Linear all=15.000000
2014-12-28 22:38:01.520 [2014-12-28 10:37:03.000000] continuity found: 23013132
473078223.000000 Q=100
2014-12-28 22:38:01.520 [2014-12-28 10:37:03.000000] restoring continuity
2014-12-28 22:38:01.520 Sending DT_OPEN
2014-12-28 22:38:01.520 Station: XX-2017
2014-12-28 22:38:01.520 Q330 Serial Number: 0100000DB18FC351
2014-12-28 22:38:01.520 AMB Serial Number: 0100000B6909DD82
2014-12-28 22:38:01.520 Seismo 1 Serial Number: 0000000000000000
2014-12-28 22:38:01.520 Seismo 2 Serial Number: 0000000000000000
2014-12-28 22:38:01.520 QAPCHP 1 Serial Number: 4643206
2014-12-28 22:38:01.520 QAPCHP 2 Serial Number: 3743050
2014-12-28 22:38:01.520 KMI Property Tag Number: 2017
2014-12-28 22:38:01.520 System Software Version: 1.146
2014-12-28 22:38:01.520 Slave Processor Version: 1.11
2014-12-28 22:38:01.520 Calibrator Type: QCAL330
2014-12-28 22:38:01.520 Calibrator Version: 1.8
2014-12-28 22:38:01.520 Auxiliary Board Type: None
2014-12-28 22:38:01.520 Clock Type: Motorola M12
2014-12-28 22:38:01.520 PLD Version: 7.9
2014-12-28 22:38:01.520 Total Hours: 71547.20
2014-12-28 22:38:01.520 Power On Hours: 36177.59
2014-12-28 22:38:01.520 Time of Last Boot: 2014-04-06 02:03:58
2014-12-28 22:38:01.520 Total Number of Boots: 120

```

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2014-12-28 22:38:01.520 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-28 22:38:01.520 Total Number of Re-Syncs: 213  
 2014-12-28 22:38:01.520 Status Inputs: 00000000  
 2014-12-28 22:38:01.520 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-28 22:38:01.520 Clock Quality: 100%  
 2014-12-28 22:38:01.520 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-28 22:38:01.520 Clock Phase: 0 usec. max allowed=50000  
 2014-12-28 22:38:01.520 Boom positions:  
 2014-12-28 22:38:01.520 Ch1: -2 Ch2: -9 Ch3: 12 Ch4: 20 Ch5: 20 Ch6: 20  
 2014-12-28 22:38:01.520 Analog Status  
 2014-12-28 22:38:01.520 Analog Positive Supply: 5.46V  
 2014-12-28 22:38:01.520 Input Voltage: 13.35V  
 2014-12-28 22:38:01.520 System Temperature: 5C  
 2014-12-28 22:38:01.520 Main Current: 62ma  
 2014-12-28 22:38:01.520 Antenna Current: 0ma  
 2014-12-28 22:38:01.520 GPS Status  
 2014-12-28 22:38:01.520 Time: 22:37:59  
 2014-12-28 22:38:01.520 Date:  
 2014-12-28 22:38:01.520 Fix Type: 1-D  
 2014-12-28 22:38:01.520 Height:  
 2014-12-28 22:38:01.520 Latitude:  
 2014-12-28 22:38:01.520 Longitude:  
 2014-12-28 22:38:01.520 On Time: 0min  
 2014-12-28 22:38:01.520 Sat. Used: 0  
 2014-12-28 22:38:01.520 In View: 0  
 2014-12-28 22:38:01.520 Checksum Errors: 0  
 2014-12-28 22:38:01.520 Last GPS timemark: 2014-12-28 22:37:58  
 2014-12-28 22:38:01.520 PLL Status  
 2014-12-28 22:38:01.520 State: Lock  
 2014-12-28 22:38:01.520 Initial VCO: 2200.030518  
 2014-12-28 22:38:01.520 Time Error: 0.000000  
 2014-12-28 22:38:01.520 RMS VCO: 0.000000  
 2014-12-28 22:38:01.520 Best VCO: 2199.96  
 2014-12-28 22:38:01.520 Seconds Since Track or Lock: 0.0  
 2014-12-28 22:38:01.520 Vco Control: 2200  
 2014-12-28 22:38:01.520 timing mode: external seascan  
 2014-12-28 22:38:01.520 tempco normal  
 2014-12-28 22:38:01.520 PLL update: 10s PLL lock criterion: 5us  
 2014-12-28 22:38:01.520 Pfrac: 150.00  
 2014-12-28 22:38:01.520 VCO slope: -0.0175000  
 2014-12-28 22:38:01.520 VCO intercept: 7.1100001  
 2014-12-28 22:38:01.520 Km delta: 600.000000  
 2014-12-28 22:38:01.520 Logical Port 4 Status  
 2014-12-28 22:38:01.520 Data Packets Sent: 26577062  
 2014-12-28 22:38:01.520 Flood Packets Sent: 0  
 2014-12-28 22:38:01.520 Packets Re-Sent: 42349  
 2014-12-28 22:38:01.520 Sequence Errors: 0  
 2014-12-28 22:38:01.520 Packet Buffer Used: 22833840  
 2014-12-28 22:38:01.520 Physical Port: Ethernet  
 2014-12-28 22:38:01.520 Baler Model: 14 Software Version: 2.28  
 2014-12-28 22:38:01.520 MAC Address: 00:04:FB:00:02:EA  
 2014-12-28 22:38:01.520 Disk Size: 20000669696  
 2014-12-28 22:38:01.520 Percent of 1177 data files in use: 50.9  
 2014-12-28 22:38:01.520 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-28 22:38:01.520 Channel Sensitivities (uV per count):  
 2014-12-28 22:38:01.520 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-28 22:38:01.520 Digitizer Calibration Results:  
 2014-12-28 22:38:01.520 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-28 22:38:01.520 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-28 22:38:01.520 DMU1 Software Version=10  
 2014-12-28 22:38:01.520 Supply Voltage=12.7  
 2014-12-28 22:38:01.520 Supply Current=0.41  
 2014-12-28 22:38:01.520 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A

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2014-12-28 22:38:01.520 WebLink Data Maps Restored  
 2014-12-28 22:38:01.520 [2014-12-28 10:37:03.000000] sequence resumes: 23013132 to 23013132  
 2014-12-28 22:38:01.520 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-28 22:38:00  
 2014-12-28 22:43:45.470 Reducing Status Polling Interval  
 2014-12-28 22:43:45.470 [2014-12-28 22:43:43.999998] total packets received: 54836  
 2014-12-28 22:43:45.470 [2014-12-28 22:43:43.999998] command timeouts: 6  
 2014-12-28 22:43:45.470 [2014-12-28 22:43:43.999998] out of window: 62  
 2014-12-28 22:43:45.470 written: HHZ-1193 HH1-1426 HH2-1476 BDH-431 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-28 22:43:45.470 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2014-12-28 22:43:45.470 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-28 22:43:45.470 [2014-12-28 22:43:43.999998] Done: 4666 recs. seq end:  
 23056733. run: 340 s  
 2014-12-29 10:44:38.580  
 2014-12-29 10:44:38.580 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-29 10:44:38.580 Baler ready on Ethernet  
 2014-12-29 10:44:38.580 Power Cycled Baler Acknowledged  
 2014-12-29 10:44:38.580 Commands Accepted by Q330  
 2014-12-29 10:44:38.580 Access timeout: 300 sec  
 2014-12-29 10:44:38.580 Control Port 4023 Opened  
 2014-12-29 10:44:38.580 Data Port 4024 Opened  
 2014-12-29 10:44:38.580 Registered with Q330  
 2014-12-29 10:44:38.580 Combination Record Received  
 2014-12-29 10:44:38.580 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-29 10:44:38.580 Link Reset, starting window sequence: 21442  
 2014-12-29 10:44:38.580 GPS Receiver ID Received  
 2014-12-29 10:44:38.580 Manufacturer's Data Received, Property Tag=2017  
 2014-12-29 10:44:38.580 Digitizer Gain & Offsets Received  
 2014-12-29 10:44:38.580 Msg From 192.168.200.119:Baler XX-2017 readback. 4666 recs.  
 seq end: 23056733  
 2014-12-29 10:44:38.580 Baler clock set to 2014-12-29 10:44:37  
 2014-12-29 10:44:38.580 Starting to Read DP Tokens  
 2014-12-29 10:44:38.580 DP Tokens loaded, size=1474 bytes  
 2014-12-29 10:44:38.580 webserver advertising 192.168.200.119:5380  
 2014-12-29 10:44:38.580 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-29 10:44:38.580 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-29 10:44:38.580 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-29 10:44:38.580 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-29 10:44:38.580 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-29 10:44:38.580 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-29 10:44:38.580 filters & delay LH2:3@1,Linear all=15.000000  
 2014-12-29 10:44:38.580 filters & delay LDH:4@1,Linear all=15.000000  
 2014-12-29 10:44:38.580 [2014-12-28 22:43:43.999998] continuity found: 23056733  
 473121824.000000 Q=100  
 2014-12-29 10:44:38.580 [2014-12-28 22:43:43.999998] restoring continuity  
 2014-12-29 10:44:38.580 Sending DT\_OPEN  
 2014-12-29 10:44:38.580 Station: XX-2017  
 2014-12-29 10:44:38.580 Q330 Serial Number: 0100000DB18FC351  
 2014-12-29 10:44:38.580 AMB Serial Number: 0100000B6909DD82  
 2014-12-29 10:44:38.580 Seismo 1 Serial Number: 0000000000000000  
 2014-12-29 10:44:38.580 Seismo 2 Serial Number: 0000000000000000  
 2014-12-29 10:44:38.580 QAPCHP 1 Serial Number: 4643206  
 2014-12-29 10:44:38.580 QAPCHP 2 Serial Number: 3743050  
 2014-12-29 10:44:38.580 KMI Property Tag Number: 2017  
 2014-12-29 10:44:38.580 System Software Version: 1.146  
 2014-12-29 10:44:38.580 Slave Processor Version: 1.11  
 2014-12-29 10:44:38.580 Calibrator Type: QCAL330  
 2014-12-29 10:44:38.580 Calibrator Version: 1.8  
 2014-12-29 10:44:38.580 Auxiliary Board Type: None  
 2014-12-29 10:44:38.580 Clock Type: Motorola M12

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2014-12-29 10:44:38.580 PLD Version: 7.9  
 2014-12-29 10:44:38.580 Total Hours: 71559.31  
 2014-12-29 10:44:38.580 Power On Hours: 36189.70  
 2014-12-29 10:44:38.580 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-29 10:44:38.580 Total Number of Boots: 120  
 2014-12-29 10:44:38.580 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-29 10:44:38.580 Total Number of Re-Syncs: 213  
 2014-12-29 10:44:38.580 Status Inputs: 00000000  
 2014-12-29 10:44:38.580 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-29 10:44:38.580 Clock Quality: 100%  
 2014-12-29 10:44:38.580 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-29 10:44:38.580 Clock Phase: 0 usec. max allowed=50000  
 2014-12-29 10:44:38.580 Boom positions:  
 2014-12-29 10:44:38.580 ch1: -2 ch2: -9 ch3: 12 ch4: 20 ch5: 20 ch6: 20  
 2014-12-29 10:44:38.580 Analog Status  
 2014-12-29 10:44:38.580 Analog Positive Supply: 5.46V  
 2014-12-29 10:44:38.580 Input Voltage: 13.20V  
 2014-12-29 10:44:38.580 System Temperature: 5C  
 2014-12-29 10:44:38.580 Main Current: 61ma  
 2014-12-29 10:44:38.580 Antenna Current: 0ma  
 2014-12-29 10:44:38.580 GPS Status  
 2014-12-29 10:44:38.580 Time: 10:44:37  
 2014-12-29 10:44:38.580 Date:  
 2014-12-29 10:44:38.580 Fix Type: 1-D  
 2014-12-29 10:44:38.580 Height:  
 2014-12-29 10:44:38.580 Latitude:  
 2014-12-29 10:44:38.580 Longitude:  
 2014-12-29 10:44:38.580 On Time: 0min  
 2014-12-29 10:44:38.580 Sat. Used: 0  
 2014-12-29 10:44:38.580 In View: 0  
 2014-12-29 10:44:38.580 Checksum Errors: 0  
 2014-12-29 10:44:38.580 Last GPS timemark: 2014-12-29 10:44:36  
 2014-12-29 10:44:38.580 PLL Status  
 2014-12-29 10:44:38.580 State: Lock  
 2014-12-29 10:44:38.580 Initial VCO: 2199.656982  
 2014-12-29 10:44:38.580 Time Error: 0.000000  
 2014-12-29 10:44:38.580 RMS VCO: 0.000000  
 2014-12-29 10:44:38.580 Best VCO: 2199.58  
 2014-12-29 10:44:38.580 Seconds Since Track or Lock: 0.0  
 2014-12-29 10:44:38.580 Vco Control: 2200  
 2014-12-29 10:44:38.580 timing mode: external seascan  
 2014-12-29 10:44:38.580 tempco normal  
 2014-12-29 10:44:38.580 PLL update: 10s PLL lock criterion: 5us  
 2014-12-29 10:44:38.580 Pfrac: 150.00  
 2014-12-29 10:44:38.580 VCO slope: -0.0175000  
 2014-12-29 10:44:38.580 VCO intercept: 7.1100001  
 2014-12-29 10:44:38.580 Km delta: 600.000000  
 2014-12-29 10:44:38.580 Logical Port 4 Status  
 2014-12-29 10:44:38.580 Data Packets Sent: 26631805  
 2014-12-29 10:44:38.580 Flood Packets Sent: 0  
 2014-12-29 10:44:38.580 Packets Re-Sent: 42426  
 2014-12-29 10:44:38.580 Sequence Errors: 0  
 2014-12-29 10:44:38.580 Packet Buffer Used: 21979384  
 2014-12-29 10:44:38.580 Physical Port: Ethernet  
 2014-12-29 10:44:38.580 Baler Model: 14 Software Version: 2.28  
 2014-12-29 10:44:38.580 MAC Address: 00:04:FB:00:02:EA  
 2014-12-29 10:44:38.580 Disk Size: 20000669696  
 2014-12-29 10:44:38.580 Percent of 1177 data files in use: 51.0  
 2014-12-29 10:44:38.580 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-29 10:44:38.580 Channel Sensitivities (uV per count):  
 2014-12-29 10:44:38.580 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-29 10:44:38.580 Digitizer Calibration Results:  
 2014-12-29 10:44:38.580 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%



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2014-12-29 10:44:38.580 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-29 10:44:38.580 DMU1 Software Version=10
2014-12-29 10:44:38.580 Supply Voltage=12.6
2014-12-29 10:44:38.580 Supply Current=0.41
2014-12-29 10:44:38.580 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-29 10:44:38.580 WebLink Data Maps Restored
2014-12-29 10:44:38.580 [2014-12-28 22:43:43.999998] sequence resumes: 23056733 to
23056733
2014-12-29 10:44:38.580 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-29 10:44:37
2014-12-29 10:44:38.580 [2014-12-29 00:00:00.000000] Saving Configuration to Backup
Memory
2014-12-29 10:50:07.590 [2014-12-29 10:41:11.999998] total packets received: 50320
2014-12-29 10:50:07.590 [2014-12-29 10:41:11.999998] command timeouts: 6
2014-12-29 10:50:07.590 [2014-12-29 10:41:11.999998] out of window: 57
2014-12-29 10:50:07.590 written: HHZ-1164 HH1-1300 HH2-1366 BDH-432 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-12-29 10:50:07.590 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-23 LH2-24 LDH-24
VMZ-1 VM1-1
2014-12-29 10:50:07.590 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2014-12-29 10:50:07.590 [2014-12-29 10:41:11.999998] Done: 4398 recs. seq end:
23099781. run: 325 s
2014-12-29 22:51:01.520
2014-12-29 22:51:01.520 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-29 22:51:01.520 Control Port 2491 Opened
2014-12-29 22:51:01.520 Baler ready on Ethernet
2014-12-29 22:51:01.520 Power Cycled Baler Acknowledged
2014-12-29 22:51:01.520 Commands Accepted by Q330
2014-12-29 22:51:01.520 Access timeout: 300 sec
2014-12-29 22:51:01.520 Control Port 4023 Opened
2014-12-29 22:51:01.520 Data Port 4024 Opened
2014-12-29 22:51:01.520 Registered with Q330
2014-12-29 22:51:01.520 Combination Record Received
2014-12-29 22:51:01.520 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-29 22:51:01.520 Link Reset, starting window sequence: 6134
2014-12-29 22:51:01.520 GPS Receiver ID Received
2014-12-29 22:51:01.520 Manufacturer's Data Received, Property Tag=2017
2014-12-29 22:51:01.520 Digitizer Gain & Offsets Received
2014-12-29 22:51:01.520 Msg From 192.168.200.119:Baler XX-2017 readback. 4398 recs.
seq end: 23099781
2014-12-29 22:51:01.520 Baler clock set to 2014-12-29 22:51:00
2014-12-29 22:51:01.520 Starting to Read DP Tokens
2014-12-29 22:51:01.520 DP Tokens loaded, size=1474 bytes
2014-12-29 22:51:01.520 webserver advertising 192.168.200.119:5380
2014-12-29 22:51:01.520 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-29 22:51:01.520 filters & delay HH1:2@100,Linear all=0.320000
2014-12-29 22:51:01.520 filters & delay HH2:3@100,Linear all=0.320000
2014-12-29 22:51:01.520 filters & delay BDH:4@20,Linear all=1.650000
2014-12-29 22:51:01.520 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-29 22:51:01.520 filters & delay LH1:2@1,Linear all=15.000000
2014-12-29 22:51:01.520 filters & delay LH2:3@1,Linear all=15.000000
2014-12-29 22:51:01.520 filters & delay LDH:4@1,Linear all=15.000000
2014-12-29 22:51:01.520 [2014-12-29 10:41:11.999998] continuity found: 23099781
473164872.000000 Q=100
2014-12-29 22:51:01.520 [2014-12-29 10:41:11.999998] restoring continuity
2014-12-29 22:51:01.520 Sending DT_OPEN
2014-12-29 22:51:01.520 Station: XX-2017
2014-12-29 22:51:01.520 Q330 Serial Number: 0100000DB18FC351
2014-12-29 22:51:01.520 AMB Serial Number: 0100000B6909DD82
2014-12-29 22:51:01.520 Seismo 1 Serial Number: 0000000000000000
2014-12-29 22:51:01.520 Seismo 2 Serial Number: 0000000000000000
2014-12-29 22:51:01.520 QAPCHP 1 Serial Number: 4643206
2014-12-29 22:51:01.520 QAPCHP 2 Serial Number: 3743050

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2014-12-29 22:51:01.520 KMI Property Tag Number: 2017  
 2014-12-29 22:51:01.520 System Software Version: 1.146  
 2014-12-29 22:51:01.520 Slave Processor Version: 1.11  
 2014-12-29 22:51:01.520 Calibrator Type: QCAL330  
 2014-12-29 22:51:01.520 Calibrator Version: 1.8  
 2014-12-29 22:51:01.520 Auxiliary Board Type: None  
 2014-12-29 22:51:01.520 Clock Type: Motorola M12  
 2014-12-29 22:51:01.520 PLD Version: 7.9  
 2014-12-29 22:51:01.520 Total Hours: 71571.42  
 2014-12-29 22:51:01.520 Power On Hours: 36201.80  
 2014-12-29 22:51:01.520 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-29 22:51:01.520 Total Number of Boots: 120  
 2014-12-29 22:51:01.520 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-29 22:51:01.520 Total Number of Re-Syncs: 213  
 2014-12-29 22:51:01.520 Status Inputs: 00000000  
 2014-12-29 22:51:01.520 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2014-12-29 22:51:01.520 Clock Quality: 100%  
 2014-12-29 22:51:01.520 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-29 22:51:01.520 Clock Phase: 0 usec. max allowed=50000  
 2014-12-29 22:51:01.520 Boom positions:  
 2014-12-29 22:51:01.520 ch1: -2 ch2: -10 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2014-12-29 22:51:01.520 Analog Status  
 2014-12-29 22:51:01.520 Analog Positive Supply: 5.46V  
 2014-12-29 22:51:01.520 Input Voltage: 13.35V  
 2014-12-29 22:51:01.520 System Temperature: 5C  
 2014-12-29 22:51:01.520 Main Current: 62ma  
 2014-12-29 22:51:01.520 Antenna Current: 0ma  
 2014-12-29 22:51:01.520 GPS Status  
 2014-12-29 22:51:01.520 Time: 22:51:00  
 2014-12-29 22:51:01.520 Date:  
 2014-12-29 22:51:01.520 Fix Type: 1-D  
 2014-12-29 22:51:01.520 Height:  
 2014-12-29 22:51:01.520 Latitude:  
 2014-12-29 22:51:01.520 Longitude:  
 2014-12-29 22:51:01.520 On Time: 0min  
 2014-12-29 22:51:01.520 Sat. Used: 0  
 2014-12-29 22:51:01.520 In View: 0  
 2014-12-29 22:51:01.520 Checksum Errors: 0  
 2014-12-29 22:51:01.520 Last GPS timemark: 2014-12-29 22:50:59  
 2014-12-29 22:51:01.520 PLL Status  
 2014-12-29 22:51:01.520 State: Lock  
 2014-12-29 22:51:01.520 Initial VCO: 2199.722412  
 2014-12-29 22:51:01.520 Time Error: 0.000000  
 2014-12-29 22:51:01.520 RMS VCO: 0.000000  
 2014-12-29 22:51:01.520 Best VCO: 2199.75  
 2014-12-29 22:51:01.520 Seconds Since Track or Lock: 0.0  
 2014-12-29 22:51:01.520 timing mode: external seascan  
 2014-12-29 22:51:01.520 tempco normal  
 2014-12-29 22:51:01.520 PLL update: 10s PLL lock criterion: 5us  
 2014-12-29 22:51:01.520 Pfrac: 150.00  
 2014-12-29 22:51:01.520 VCO slope: -0.0175000  
 2014-12-29 22:51:01.520 VCO intercept: 7.1100001  
 2014-12-29 22:51:01.520 Km delta: 600.0000000  
 2014-12-29 22:51:01.520 Logical Port 4 Status  
 2014-12-29 22:51:01.520 Data Packets Sent: 26682038  
 2014-12-29 22:51:01.520 Flood Packets Sent: 0  
 2014-12-29 22:51:01.520 Packets Re-Sent: 42503  
 2014-12-29 22:51:01.520 Sequence Errors: 0  
 2014-12-29 22:51:01.520 Packet Buffer Used: 21578384  
 2014-12-29 22:51:01.520 Physical Port: Ethernet  
 2014-12-29 22:51:01.520 Baler Model: 14 Software Version: 2.28  
 2014-12-29 22:51:01.520 MAC Address: 00:04:FB:00:02:EA  
 2014-12-29 22:51:01.520 Disk Size: 20000669696

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2014-12-29 22:51:01.520 Percent of 1177 data files in use: 51.0  
2014-12-29 22:51:01.520 Channels Enabled: 1234 Preamps ON channels:  
2014-12-29 22:51:01.520 Channel Sensitivities (uV per count):  
2014-12-29 22:51:01.520 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
2014-12-29 22:51:01.520 Digitizer Calibration Results:  
2014-12-29 22:51:01.520 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
2014-12-29 22:51:01.520 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
2014-12-29 22:51:01.520 DMU1 Software Version=10  
2014-12-29 22:51:01.520 Supply Voltage=12.7  
2014-12-29 22:51:01.520 Supply Current=0.41  
2014-12-29 22:51:01.520 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
2014-12-29 22:51:01.520 WebLink Data Maps Restored  
2014-12-29 22:51:01.520 [2014-12-29 10:41:11.999998] sequence resumes: 23099781 to 23099781  
2014-12-29 22:51:01.520 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2014-12-29 22:51:00  
2014-12-29 22:56:30.960 Reducing Status Polling Interval  
2014-12-29 22:56:30.960 [2014-12-29 22:56:30.000000] total packets received: 44878  
2014-12-29 22:56:30.960 [2014-12-29 22:56:30.000000] command timeouts: 6  
2014-12-29 22:56:30.960 [2014-12-29 22:56:30.000000] out of window: 62  
2014-12-29 22:56:30.960 written: HHZ-1139 HH1-1313 HH2-1312 BDH-447 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2014-12-29 22:56:30.960 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-24 LDH-26  
VMZ-2 VM1-2  
2014-12-29 22:56:30.960 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
2014-12-29 22:56:30.960 [2014-12-29 22:56:30.000000] Done: 4354 recs. seq end: 23143899. run: 325 s  
2014-12-30 10:57:24.570  
2014-12-30 10:57:24.570 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2014-12-30 10:57:24.570 Control Port 2491 Opened  
2014-12-30 10:57:24.570 Baler ready on Ethernet  
2014-12-30 10:57:24.570 Power Cycled Baler Acknowledged  
2014-12-30 10:57:24.570 Commands Accepted by Q330  
2014-12-30 10:57:24.570 Access timeout: 300 sec  
2014-12-30 10:57:24.570 Control Port 4023 Opened  
2014-12-30 10:57:24.570 Data Port 4024 Opened  
2014-12-30 10:57:24.570 Registered with Q330  
2014-12-30 10:57:24.570 Combination Record Received  
2014-12-30 10:57:24.570 Window=4 Min. Timeout=10 Max. Timeout=30  
2014-12-30 10:57:24.570 Link Reset, starting window sequence: 50915  
2014-12-30 10:57:24.570 GPS Receiver ID Received  
2014-12-30 10:57:24.570 Manufacturer's Data Received, Property Tag=2017  
2014-12-30 10:57:24.570 Digitizer Gain & Offsets Received  
2014-12-30 10:57:24.570 Msg From 192.168.200.119:Baler XX-2017 readback. 4354 recs. seq end: 23143899  
2014-12-30 10:57:24.570 Baler clock set to 2014-12-30 10:57:23  
2014-12-30 10:57:24.570 Starting to Read DP Tokens  
2014-12-30 10:57:24.570 DP Tokens loaded, size=1474 bytes  
2014-12-30 10:57:24.570 webserver advertising 192.168.200.119:5380  
2014-12-30 10:57:24.570 filters & delay HHZ:1@100,Linear all=0.320000  
2014-12-30 10:57:24.570 filters & delay HH1:2@100,Linear all=0.320000  
2014-12-30 10:57:24.570 filters & delay HH2:3@100,Linear all=0.320000  
2014-12-30 10:57:24.570 filters & delay BDH:4@20,Linear all=1.650000  
2014-12-30 10:57:24.570 filters & delay LHZ:1@1,Linear all=15.000000  
2014-12-30 10:57:24.570 filters & delay LH1:2@1,Linear all=15.000000  
2014-12-30 10:57:24.570 filters & delay LH2:3@1,Linear all=15.000000  
2014-12-30 10:57:24.570 filters & delay LDH:4@1,Linear all=15.000000  
2014-12-30 10:57:24.570 [2014-12-29 22:56:30.000000] continuity found: 23143899 473208990.000000 Q=100  
2014-12-30 10:57:24.570 [2014-12-29 22:56:30.000000] restoring continuity  
2014-12-30 10:57:24.570 Sending DT\_OPEN  
2014-12-30 10:57:24.570 Station: XX-2017  
2014-12-30 10:57:24.570 Q330 Serial Number: 0100000DB18FC351

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2014-12-30 10:57:24.570 AMB Serial Number: 0100000B6909DD82  
 2014-12-30 10:57:24.570 Seismo 1 Serial Number: 0000000000000000  
 2014-12-30 10:57:24.570 Seismo 2 Serial Number: 0000000000000000  
 2014-12-30 10:57:24.570 QAPCHP 1 Serial Number: 4643206  
 2014-12-30 10:57:24.570 QAPCHP 2 Serial Number: 3743050  
 2014-12-30 10:57:24.570 KMI Property Tag Number: 2017  
 2014-12-30 10:57:24.570 System Software Version: 1.146  
 2014-12-30 10:57:24.570 Slave Processor Version: 1.11  
 2014-12-30 10:57:24.570 Calibrator Type: QCAL330  
 2014-12-30 10:57:24.570 Calibrator Version: 1.8  
 2014-12-30 10:57:24.570 Auxiliary Board Type: None  
 2014-12-30 10:57:24.570 Clock Type: Motorola M12  
 2014-12-30 10:57:24.570 PLD Version: 7.9  
 2014-12-30 10:57:24.570 Total Hours: 71583.52  
 2014-12-30 10:57:24.570 Power On Hours: 36213.91  
 2014-12-30 10:57:24.570 Time of Last Boot: 2014-04-06 02:03:58  
 2014-12-30 10:57:24.570 Total Number of Boots: 120  
 2014-12-30 10:57:24.570 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2014-12-30 10:57:24.570 Total Number of Re-Syncs: 213  
 2014-12-30 10:57:24.570 Status Inputs: 00000000  
 2014-12-30 10:57:24.570 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2014-12-30 10:57:24.570 Clock Quality: 100%  
 2014-12-30 10:57:24.570 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2014-12-30 10:57:24.570 Clock Phase: 0 usec. max allowed=50000  
 2014-12-30 10:57:24.570 Boom positions:  
 2014-12-30 10:57:24.570 ch1: -2 ch2: -10 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2014-12-30 10:57:24.570 Analog Status  
 2014-12-30 10:57:24.570 Analog Positive Supply: 5.46V  
 2014-12-30 10:57:24.570 Input Voltage: 13.35V  
 2014-12-30 10:57:24.570 System Temperature: 5C  
 2014-12-30 10:57:24.570 Main Current: 61ma  
 2014-12-30 10:57:24.570 Antenna Current: 0ma  
 2014-12-30 10:57:24.570 GPS Status  
 2014-12-30 10:57:24.570 Time: 10:57:23  
 2014-12-30 10:57:24.570 Date:  
 2014-12-30 10:57:24.570 Fix Type: 1-D  
 2014-12-30 10:57:24.570 Height:  
 2014-12-30 10:57:24.570 Latitude:  
 2014-12-30 10:57:24.570 Longitude:  
 2014-12-30 10:57:24.570 On Time: 0min  
 2014-12-30 10:57:24.570 Sat. Used: 0  
 2014-12-30 10:57:24.570 In View: 0  
 2014-12-30 10:57:24.570 Checksum Errors: 0  
 2014-12-30 10:57:24.570 Last GPS timemark: 2014-12-30 10:57:22  
 2014-12-30 10:57:24.570 PLL Status  
 2014-12-30 10:57:24.570 State: Lock  
 2014-12-30 10:57:24.570 Initial VCO: 2199.644775  
 2014-12-30 10:57:24.570 Time Error: 0.000000  
 2014-12-30 10:57:24.570 RMS VCO: 0.000000  
 2014-12-30 10:57:24.570 Best VCO: 2199.50  
 2014-12-30 10:57:24.570 Seconds Since Track or Lock: 0.0  
 2014-12-30 10:57:24.570 vco Control: 2200  
 2014-12-30 10:57:24.570 timing mode: external seascan  
 2014-12-30 10:57:24.570 tempco normal  
 2014-12-30 10:57:24.570 PLL update: 10s PLL lock criterion: 5us  
 2014-12-30 10:57:24.570 Pfrac: 150.00  
 2014-12-30 10:57:24.570 VCO slope: -0.0175000  
 2014-12-30 10:57:24.570 VCO intercept: 7.1100001  
 2014-12-30 10:57:24.570 km delta: 600.000000  
 2014-12-30 10:57:24.570 Logical Port 4 Status  
 2014-12-30 10:57:24.570 Data Packets Sent: 26726824  
 2014-12-30 10:57:24.570 Flood Packets Sent: 0  
 2014-12-30 10:57:24.570 Packets Re-Sent: 42579

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2014-12-30 10:57:24.570 Sequence Errors: 0  
 2014-12-30 10:57:24.570 Packet Buffer Used: 22834412  
 2014-12-30 10:57:24.570 Physical Port: Ethernet  
 2014-12-30 10:57:24.570 Baler Model: 14 Software Version: 2.28  
 2014-12-30 10:57:24.570 MAC Address: 00:04:FB:00:02:EA  
 2014-12-30 10:57:24.570 Disk Size: 20000669696  
 2014-12-30 10:57:24.570 Percent of 1177 data files in use: 51.1  
 2014-12-30 10:57:24.570 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-30 10:57:24.570 Channel Sensitivities (uV per count):  
 2014-12-30 10:57:24.570 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-30 10:57:24.570 Digitizer Calibration Results:  
 2014-12-30 10:57:24.570 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-30 10:57:24.570 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-30 10:57:24.570 DMU1 Software Version=10  
 2014-12-30 10:57:24.570 Supply Voltage=12.6  
 2014-12-30 10:57:24.570 Supply Current=0.41  
 2014-12-30 10:57:24.570 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-30 10:57:24.570 WebLink Data Maps Restored  
 2014-12-30 10:57:24.570 [2014-12-29 22:56:30.000000] sequence resumes: 23143899 to  
 23143899  
 2014-12-30 10:57:24.570 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-30 10:57:23  
 2014-12-30 10:57:24.570 [2014-12-30 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2014-12-30 11:03:14.830 [2014-12-30 10:53:50.000000] total packets received: 55817  
 2014-12-30 11:03:14.830 [2014-12-30 10:53:50.000000] command timeouts: 6  
 2014-12-30 11:03:14.830 [2014-12-30 10:53:50.000000] out of window: 86  
 2014-12-30 11:03:14.830 written: HHZ-1205 HH1-1426 HH2-1385 BDH-447 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2014-12-30 11:03:14.830 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-26 LDH-35  
 VMZ-2 VM1-2  
 2014-12-30 11:03:14.830 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2014-12-30 11:03:14.830 [2014-12-30 10:53:50.000000] Done: 4620 recs. seq end:  
 23186939. run: 345 s  
 2014-12-30 23:04:06.520  
 2014-12-30 23:04:06.520 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2014-12-30 23:04:06.520 Control Port 2491 Opened  
 2014-12-30 23:04:06.520 Baler ready on Ethernet  
 2014-12-30 23:04:06.520 Power Cycled Baler Acknowledged  
 2014-12-30 23:04:06.520 Commands Accepted by Q330  
 2014-12-30 23:04:06.520 Access timeout: 300 sec  
 2014-12-30 23:04:06.520 Control Port 4023 Opened  
 2014-12-30 23:04:06.520 Data Port 4024 Opened  
 2014-12-30 23:04:06.520 Registered with Q330  
 2014-12-30 23:04:06.520 Combination Record Received  
 2014-12-30 23:04:06.520 Window=4 Min. Timeout=10 Max. Timeout=30  
 2014-12-30 23:04:06.520 Link Reset, starting window sequence: 41074  
 2014-12-30 23:04:06.520 GPS Receiver ID Received  
 2014-12-30 23:04:06.520 Manufacturer's Data Received, Property Tag=2017  
 2014-12-30 23:04:06.520 Digitizer Gain & Offsets Received  
 2014-12-30 23:04:06.520 Msg From 192.168.200.119:Baler XX-2017 readback. 4620 recs.  
 seq end: 23186939  
 2014-12-30 23:04:06.520 Baler clock set to 2014-12-30 23:04:05  
 2014-12-30 23:04:06.520 Starting to Read DP Tokens  
 2014-12-30 23:04:06.520 DP Tokens loaded, size=1474 bytes  
 2014-12-30 23:04:06.520 Webserver advertising 192.168.200.119:5380  
 2014-12-30 23:04:06.520 filters & delay HHZ:1@100,Linear all=0.320000  
 2014-12-30 23:04:06.520 filters & delay HH1:2@100,Linear all=0.320000  
 2014-12-30 23:04:06.520 filters & delay HH2:3@100,Linear all=0.320000  
 2014-12-30 23:04:06.520 filters & delay BDH:4@20,Linear all=1.650000  
 2014-12-30 23:04:06.520 filters & delay LHZ:1@1,Linear all=15.000000  
 2014-12-30 23:04:06.520 filters & delay LH1:2@1,Linear all=15.000000  
 2014-12-30 23:04:06.520 filters & delay LH2:3@1,Linear all=15.000000

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2014-12-30 23:04:06.520 filters & delay LDH:4@1,Linear all=15.000000
2014-12-30 23:04:06.520 [2014-12-30 10:53:50.000000] continuity found: 23186939
473252030.000000 Q=100
2014-12-30 23:04:06.520 [2014-12-30 10:53:50.000000] restoring continuity
2014-12-30 23:04:06.520 Sending DT_OPEN
2014-12-30 23:04:06.520 Q330 Serial Number: 0100000DB18FC351
2014-12-30 23:04:06.520 AMB Serial Number: 0100000B6909DD82
2014-12-30 23:04:06.520 Seismo 1 Serial Number: 0000000000000000
2014-12-30 23:04:06.520 Seismo 2 Serial Number: 0000000000000000
2014-12-30 23:04:06.520 QAPCHP 1 Serial Number: 4643206
2014-12-30 23:04:06.520 QAPCHP 2 Serial Number: 3743050
2014-12-30 23:04:06.520 KMI Property Tag Number: 2017
2014-12-30 23:04:06.520 System Software Version: 1.146
2014-12-30 23:04:06.520 Slave Processor Version: 1.11
2014-12-30 23:04:06.520 Calibrator Type: QCAL330
2014-12-30 23:04:06.520 Calibrator Version: 1.8
2014-12-30 23:04:06.520 Auxiliary Board Type: None
2014-12-30 23:04:06.520 Clock Type: Motorola M12
2014-12-30 23:04:06.520 PLD Version: 7.9
2014-12-30 23:04:06.520 Total Hours: 71595.64
2014-12-30 23:04:06.520 Power On Hours: 36226.02
2014-12-30 23:04:06.520 Time of Last Boot: 2014-04-06 02:03:58
2014-12-30 23:04:06.520 Total Number of Boots: 120
2014-12-30 23:04:06.520 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-30 23:04:06.520 Total Number of Re-Syncs: 213
2014-12-30 23:04:06.520 Status Inputs: 00000000
2014-12-30 23:04:06.520 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2014-12-30 23:04:06.520 Clock Quality: 100%
2014-12-30 23:04:06.520 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-30 23:04:06.520 Clock Phase: 0 usec. max allowed=50000
2014-12-30 23:04:06.520 Boom positions:
2014-12-30 23:04:06.520 Ch1: -2 Ch2: -11 Ch3: 15 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-30 23:04:06.520 Analog Status
2014-12-30 23:04:06.520 Analog Positive Supply: 5.46V
2014-12-30 23:04:06.520 Input Voltage: 13.20V
2014-12-30 23:04:06.520 System Temperature: 5C
2014-12-30 23:04:06.520 Main Current: 62ma
2014-12-30 23:04:06.520 Antenna Current: 0ma
2014-12-30 23:04:06.520 GPS Status
2014-12-30 23:04:06.520 Time: 23:04:05
2014-12-30 23:04:06.520 Date:
2014-12-30 23:04:06.520 Fix Type: 1-D
2014-12-30 23:04:06.520 Height:
2014-12-30 23:04:06.520 Latitude:
2014-12-30 23:04:06.520 Longitude:
2014-12-30 23:04:06.520 On Time: 0min
2014-12-30 23:04:06.520 Sat. Used: 0
2014-12-30 23:04:06.520 In View: 0
2014-12-30 23:04:06.520 Checksum Errors: 0
2014-12-30 23:04:06.520 Last GPS timemark: 2014-12-30 23:04:04
2014-12-30 23:04:06.520 PLL Status
2014-12-30 23:04:06.520 State: Lock
2014-12-30 23:04:06.520 Initial VCO: 2199.716309
2014-12-30 23:04:06.520 Time Error: 0.000000
2014-12-30 23:04:06.520 RMS VCO: 0.000000
2014-12-30 23:04:06.520 Best VCO: 2199.99
2014-12-30 23:04:06.520 Seconds Since Track or Lock: 0.0
2014-12-30 23:04:06.520 Vco Control: 2199
2014-12-30 23:04:06.520 timing mode: external seascan
2014-12-30 23:04:06.520 tempco normal
2014-12-30 23:04:06.520 PLL update: 10s PLL lock criterion: 5us
2014-12-30 23:04:06.520 Pfrac: 150.00
2014-12-30 23:04:06.520 VCO slope: -0.0175000

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2014-12-30 23:04:06.520 VCO intercept: 7.1100001
2014-12-30 23:04:06.520 Km delta: 600.0000000
2014-12-30 23:04:06.520 Logical Port 4 Status
2014-12-30 23:04:06.520 Data Packets Sent: 26782524
2014-12-30 23:04:06.520 Flood Packets Sent: 0
2014-12-30 23:04:06.520 Packets Re-Sent: 42682
2014-12-30 23:04:06.520 Sequence Errors: 0
2014-12-30 23:04:06.520 Packet Buffer Used: 23044320
2014-12-30 23:04:06.520 Physical Port: Ethernet
2014-12-30 23:04:06.520 Baler Model: 14 Software Version: 2.28
2014-12-30 23:04:06.520 MAC Address: 00:04:FB:00:02:EA
2014-12-30 23:04:06.520 Disk Size: 20000669696
2014-12-30 23:04:06.520 Percent of 1177 data files in use: 51.2
2014-12-30 23:04:06.520 Channels Enabled: 1234 Preamps ON channels:
2014-12-30 23:04:06.520 Channel Sensitivities (uV per count):
2014-12-30 23:04:06.520 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-30 23:04:06.520 Digitizer Calibration Results:
2014-12-30 23:04:06.520 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-30 23:04:06.520 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-30 23:04:06.520 DMU1 Software Version=10
2014-12-30 23:04:06.520 Supply Voltage=12.7
2014-12-30 23:04:06.520 Supply Current=0.40
2014-12-30 23:04:06.520 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-30 23:04:06.520 WebLink Data Maps Restored
2014-12-30 23:04:06.520 [2014-12-30 10:53:50.000000] sequence resumes: 23186939 to
23186939
2014-12-30 23:04:06.520 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-30 23:04:05
2014-12-30 23:09:49.360 Reducing Status Polling Interval
2014-12-30 23:09:49.360 [2014-12-30 23:09:47.999998] total packets received: 52327
2014-12-30 23:09:49.360 [2014-12-30 23:09:47.999998] command timeouts: 6
2014-12-30 23:09:49.360 [2014-12-30 23:09:47.999998] out of window: 50
2014-12-30 23:09:49.360 written: HHZ-1228 HH1-1437 HH2-1441 BDH-460 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2014-12-30 23:09:49.360 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-27 LH2-29 LDH-35
VMZ-1 VM1-1
2014-12-30 23:09:49.360 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2014-12-30 23:09:49.360 [2014-12-30 23:09:47.999998] Done: 4718 recs. seq end:
23231097. run: 339 s
2014-12-31 11:10:43.570
2014-12-31 11:10:43.570 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-31 11:10:43.570 Control Port 2491 Opened
2014-12-31 11:10:43.570 Baler ready on Ethernet
2014-12-31 11:10:43.570 Power Cycled Baler Acknowledged
2014-12-31 11:10:43.570 Commands Accepted by Q330
2014-12-31 11:10:43.570 Access timeout: 300 sec
2014-12-31 11:10:43.570 Control Port 4023 Opened
2014-12-31 11:10:43.570 Data Port 4024 Opened
2014-12-31 11:10:43.570 Registered with Q330
2014-12-31 11:10:43.570 Combination Record Received
2014-12-31 11:10:43.570 Window=4 Min. Timeout=10 Max. Timeout=30
2014-12-31 11:10:43.570 Link Reset, starting window sequence: 27778
2014-12-31 11:10:43.570 GPS Receiver ID Received
2014-12-31 11:10:43.570 Manufacturer's Data Received, Property Tag=2017
2014-12-31 11:10:43.570 Digitizer Gain & Offsets Received
2014-12-31 11:10:43.570 Msg From 192.168.200.119:Baler XX-2017 readback. 4718 recs.
seq end: 23231097
2014-12-31 11:10:43.570 Baler clock set to 2014-12-31 11:10:42
2014-12-31 11:10:43.570 Starting to Read DP Tokens
2014-12-31 11:10:43.570 DP Tokens loaded, size=1474 bytes
2014-12-31 11:10:43.570 webserver advertising 192.168.200.119:5380
2014-12-31 11:10:43.570 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-31 11:10:43.570 filters & delay HH1:2@100,Linear all=0.320000

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2014-12-31 11:10:43.570 filters & delay HH2:3@100,Linear all=0.320000
2014-12-31 11:10:43.570 filters & delay BDH:4@20,Linear all=1.650000
2014-12-31 11:10:43.570 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-31 11:10:43.570 filters & delay LH1:2@1,Linear all=15.000000
2014-12-31 11:10:43.570 filters & delay LH2:3@1,Linear all=15.000000
2014-12-31 11:10:43.570 filters & delay LDH:4@1,Linear all=15.000000
2014-12-31 11:10:43.570 [2014-12-30 23:09:47.999998] continuity found: 23231097
473296188.000000 Q=100
2014-12-31 11:10:43.570 [2014-12-30 23:09:47.999998] restoring continuity
2014-12-31 11:10:43.570 Sending DT_OPEN
2014-12-31 11:10:43.570 Station: XX-2017
2014-12-31 11:10:43.570 Q330 Serial Number: 0100000DB18FC351
2014-12-31 11:10:43.570 AMB Serial Number: 0100000B6909DD82
2014-12-31 11:10:43.570 Seismo 1 Serial Number: 0000000000000000
2014-12-31 11:10:43.570 Seismo 2 Serial Number: 0000000000000000
2014-12-31 11:10:43.570 QAPCHP 1 Serial Number: 4643206
2014-12-31 11:10:43.570 QAPCHP 2 Serial Number: 3743050
2014-12-31 11:10:43.570 KMI Property Tag Number: 2017
2014-12-31 11:10:43.570 System Software Version: 1.146
2014-12-31 11:10:43.570 Slave Processor Version: 1.11
2014-12-31 11:10:43.570 Calibrator Type: QCAL330
2014-12-31 11:10:43.570 Calibrator Version: 1.8
2014-12-31 11:10:43.570 Auxiliary Board Type: None
2014-12-31 11:10:43.570 Clock Type: Motorola M12
2014-12-31 11:10:43.570 PLD Version: 7.9
2014-12-31 11:10:43.570 Total Hours: 71607.75
2014-12-31 11:10:43.570 Power On Hours: 36238.13
2014-12-31 11:10:43.570 Time of Last Boot: 2014-04-06 02:03:58
2014-12-31 11:10:43.570 Total Number of Boots: 120
2014-12-31 11:10:43.570 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-31 11:10:43.570 Total Number of Re-Syncs: 213
2014-12-31 11:10:43.570 Status Inputs: 00000000
2014-12-31 11:10:43.570 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-12-31 11:10:43.570 Clock Quality: 100%
2014-12-31 11:10:43.570 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-31 11:10:43.570 Clock Phase: 0 usec. max allowed=50000
2014-12-31 11:10:43.570 Boom positions:
2014-12-31 11:10:43.570 Ch1: -2 Ch2: 5 Ch3: -6 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-31 11:10:43.570 Analog Status
2014-12-31 11:10:43.570 Analog Positive Supply: 5.46V
2014-12-31 11:10:43.570 Input Voltage: 13.35V
2014-12-31 11:10:43.570 System Temperature: 5C
2014-12-31 11:10:43.570 Main Current: 61ma
2014-12-31 11:10:43.570 Antenna Current: 0ma
2014-12-31 11:10:43.570 GPS Status
2014-12-31 11:10:43.570 Time: 11:10:42
2014-12-31 11:10:43.570 Date:
2014-12-31 11:10:43.570 Fix Type: 1-D
2014-12-31 11:10:43.570 Height:
2014-12-31 11:10:43.570 Latitude:
2014-12-31 11:10:43.570 Longitude:
2014-12-31 11:10:43.570 On Time: 0min
2014-12-31 11:10:43.570 Sat. Used: 0
2014-12-31 11:10:43.570 In View: 0
2014-12-31 11:10:43.570 Checksum Errors: 0
2014-12-31 11:10:43.570 Last GPS timemark: 2014-12-31 11:10:41
2014-12-31 11:10:43.570 PLL Status
2014-12-31 11:10:43.570 State: Lock
2014-12-31 11:10:43.570 Initial VCO: 2199.501953
2014-12-31 11:10:43.570 Time Error: 0.000000
2014-12-31 11:10:43.570 RMS VCO: 0.000000
2014-12-31 11:10:43.570 Best VCO: 2199.33
2014-12-31 11:10:43.570 Seconds Since Track or Lock: 0.0

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2014-12-31 11:10:43.570 Vco Control: 2199
2014-12-31 11:10:43.570 timing mode: external seascan
2014-12-31 11:10:43.570 tempco normal
2014-12-31 11:10:43.570 PLL update: 10s PLL lock criterion: 5us
2014-12-31 11:10:43.570 Pfrac: 150.00
2014-12-31 11:10:43.570 VCO slope: -0.0175000
2014-12-31 11:10:43.570 VCO intercept: 7.1100001
2014-12-31 11:10:43.570 Km delta: 600.0000000
2014-12-31 11:10:43.570 Logical Port 4 Status
2014-12-31 11:10:43.570 Data Packets Sent: 26834770
2014-12-31 11:10:43.570 Flood Packets Sent: 0
2014-12-31 11:10:43.570 Packets Re-Sent: 42755
2014-12-31 11:10:43.570 Sequence Errors: 0
2014-12-31 11:10:43.570 Packet Buffer Used: 22139184
2014-12-31 11:10:43.570 Physical Port: Ethernet
2014-12-31 11:10:43.570 Baler Model: 14 Software Version: 2.28
2014-12-31 11:10:43.570 MAC Address: 00:04:FB:00:02:EA
2014-12-31 11:10:43.570 Disk Size: 20000669696
2014-12-31 11:10:43.570 Percent of 1177 data files in use: 51.2
2014-12-31 11:10:43.570 Channels Enabled: 1234 Preamps ON channels:
2014-12-31 11:10:43.570 Channel Sensitivities (uV per count):
2014-12-31 11:10:43.570 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2014-12-31 11:10:43.570 Digitizer Calibration Results:
2014-12-31 11:10:43.570 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2014-12-31 11:10:43.570 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2014-12-31 11:10:43.570 DMU1 Software Version=10
2014-12-31 11:10:43.570 Supply Voltage=12.7
2014-12-31 11:10:43.570 Supply Current=0.41
2014-12-31 11:10:43.570 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2014-12-31 11:10:43.570 WebLink Data Maps Restored
2014-12-31 11:10:43.570 [2014-12-30 23:09:47.999998] sequence resumes: 23231097 to
23231097
2014-12-31 11:10:43.570 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2014-12-31 11:10:42
2014-12-31 11:10:43.570 [2014-12-31 00:00:00.000001] Saving Configuration to Backup
Memory
2014-12-31 11:16:13.290 [2014-12-31 11:07:48.999998] command timeouts: 6
2014-12-31 11:16:13.290 [2014-12-31 11:07:48.999998] out of window: 68
2014-12-31 11:16:13.290 written: HHZ-1142 HH1-1362 HH2-1358 BDH-448 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2014-12-31 11:16:13.290 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-30
VMZ-2 VM1-2
2014-12-31 11:16:13.290 written: VM2-2 LOG-2 ACE-2 OCF-2
2014-12-31 11:16:13.290 [2014-12-31 11:07:48.999998] Done: 4461 recs. seq end:
23274178. run: 325 s
2014-12-31 23:17:05.580
2014-12-31 23:17:05.580 Quanterra Packet Baler Model 14 Restart. Version 2.28
2014-12-31 23:17:05.580 Control Port 2491 Opened
2014-12-31 23:17:05.580 Baler ready on Ethernet
2014-12-31 23:17:05.580 Power Cycled Baler Acknowledged
2014-12-31 23:17:05.580 Commands Accepted by Q330
2014-12-31 23:17:05.580 Access timeout: 300 sec
2014-12-31 23:17:05.580 Control Port 4023 Opened
2014-12-31 23:17:05.580 Data Port 4024 Opened
2014-12-31 23:17:05.580 Registered with Q330
2014-12-31 23:17:05.580 Combination Record Received
2014-12-31 23:17:05.580 window=4 Min. Timeout=10 Max. Timeout=30
2014-12-31 23:17:05.580 Link Reset, starting window sequence: 9243
2014-12-31 23:17:05.580 GPS Receiver ID Received
2014-12-31 23:17:05.580 Manufacturer's Data Received, Property Tag=2017
2014-12-31 23:17:05.580 Digitizer Gain & Offsets Received
2014-12-31 23:17:05.580 Msg From 192.168.200.119:Baler XX-2017 readback. 4461 recs.
seq end: 23274178

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2014-12-31 23:17:05.580 Baler clock set to 2014-12-31 23:17:04
2014-12-31 23:17:05.580 Starting to Read DP Tokens
2014-12-31 23:17:05.580 DP Tokens loaded, size=1474 bytes
2014-12-31 23:17:05.580 Webserver advertising 192.168.200.119:5380
2014-12-31 23:17:05.580 filters & delay HHZ:1@100,Linear all=0.320000
2014-12-31 23:17:05.580 filters & delay HH1:2@100,Linear all=0.320000
2014-12-31 23:17:05.580 filters & delay HH2:3@100,Linear all=0.320000
2014-12-31 23:17:05.580 filters & delay BDH:4@20,Linear all=1.650000
2014-12-31 23:17:05.580 filters & delay LHZ:1@1,Linear all=15.000000
2014-12-31 23:17:05.580 filters & delay LH1:2@1,Linear all=15.000000
2014-12-31 23:17:05.580 filters & delay LH2:3@1,Linear all=15.000000
2014-12-31 23:17:05.580 filters & delay LDH:4@1,Linear all=15.000000
2014-12-31 23:17:05.580 [2014-12-31 11:07:48.999998] continuity found: 23274178
473339269.000000 Q=100
2014-12-31 23:17:05.580 [2014-12-31 11:07:48.999998] restoring continuity
2014-12-31 23:17:05.580 Sending DT_OPEN
2014-12-31 23:17:05.580 Station: XX-2017
2014-12-31 23:17:05.580 Q330 Serial Number: 0100000DB18FC351
2014-12-31 23:17:05.580 AMB Serial Number: 0100000B6909DD82
2014-12-31 23:17:05.580 Seismo 1 Serial Number: 0000000000000000
2014-12-31 23:17:05.580 Seismo 2 Serial Number: 0000000000000000
2014-12-31 23:17:05.580 QAPCHP 1 Serial Number: 4643206
2014-12-31 23:17:05.580 QAPCHP 2 Serial Number: 3743050
2014-12-31 23:17:05.580 KMI Property Tag Number: 2017
2014-12-31 23:17:05.580 System Software Version: 1.146
2014-12-31 23:17:05.580 Slave Processor Version: 1.11
2014-12-31 23:17:05.580 Calibrator Type: QCAL330
2014-12-31 23:17:05.580 Calibrator Version: 1.8
2014-12-31 23:17:05.580 Auxiliary Board Type: None
2014-12-31 23:17:05.580 Clock Type: Motorola M12
2014-12-31 23:17:05.580 PLD Version: 7.9
2014-12-31 23:17:05.580 Total Hours: 71619.85
2014-12-31 23:17:05.580 Power On Hours: 36250.24
2014-12-31 23:17:05.580 Time of Last Boot: 2014-04-06 02:03:58
2014-12-31 23:17:05.580 Total Number of Boots: 120
2014-12-31 23:17:05.580 Time of Last Re-Sync: 2014-04-06 02:17:08
2014-12-31 23:17:05.580 Total Number of Re-Syncs: 213
2014-12-31 23:17:05.580 Status Inputs: 00000000
2014-12-31 23:17:05.580 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2014-12-31 23:17:05.580 Clock Quality: 100%
2014-12-31 23:17:05.580 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2014-12-31 23:17:05.580 Clock Phase: 0 usec. max allowed=50000
2014-12-31 23:17:05.580 Boom positions:
2014-12-31 23:17:05.580 Ch1: -2 Ch2: 5 Ch3: -7 Ch4: 20 Ch5: 20 Ch6: 20
2014-12-31 23:17:05.580 Analog Status
2014-12-31 23:17:05.580 Analog Positive Supply: 5.46V
2014-12-31 23:17:05.580 Input Voltage: 13.20V
2014-12-31 23:17:05.580 System Temperature: 5C
2014-12-31 23:17:05.580 Main Current: 62ma
2014-12-31 23:17:05.580 Antenna Current: 0ma
2014-12-31 23:17:05.580 GPS Status
2014-12-31 23:17:05.580 Time: 23:17:04
2014-12-31 23:17:05.580 Date:
2014-12-31 23:17:05.580 Fix Type: 1-D
2014-12-31 23:17:05.580 Height:
2014-12-31 23:17:05.580 Latitude:
2014-12-31 23:17:05.580 Longitude:
2014-12-31 23:17:05.580 On Time: 0min
2014-12-31 23:17:05.580 Sat. Used: 0
2014-12-31 23:17:05.580 In View: 0
2014-12-31 23:17:05.580 Checksum Errors: 0
2014-12-31 23:17:05.580 Last GPS timemark: 2014-12-31 23:17:03
2014-12-31 23:17:05.580 PLL Status

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2014-12-31 23:17:05.580 State: Lock  
 2014-12-31 23:17:05.580 Initial VCO: 2199.447754  
 2014-12-31 23:17:05.580 Time Error: 0.000000  
 2014-12-31 23:17:05.580 RMS VCO: 0.0000000  
 2014-12-31 23:17:05.580 Best VCO: 2199.47  
 2014-12-31 23:17:05.580 Seconds Since Track or Lock: 0.0  
 2014-12-31 23:17:05.580 Vco Control: 2200  
 2014-12-31 23:17:05.580 timing mode: external seascan  
 2014-12-31 23:17:05.580 tempco normal  
 2014-12-31 23:17:05.580 PLL update: 10s PLL lock criterion: 5us  
 2014-12-31 23:17:05.580 Pfrac: 150.00  
 2014-12-31 23:17:05.580 VCO slope: -0.0175000  
 2014-12-31 23:17:05.580 VCO intercept: 7.1100001  
 2014-12-31 23:17:05.580 Km delta: 600.0000000  
 2014-12-31 23:17:05.580 Logical Port 4 Status  
 2014-12-31 23:17:05.580 Data Packets Sent: 26881776  
 2014-12-31 23:17:05.580 Flood Packets Sent: 0  
 2014-12-31 23:17:05.580 Packets Re-Sent: 42841  
 2014-12-31 23:17:05.580 Sequence Errors: 0  
 2014-12-31 23:17:05.580 Packet Buffer Used: 21996432  
 2014-12-31 23:17:05.580 Physical Port: Ethernet  
 2014-12-31 23:17:05.580 Baler Model: 14 Software Version: 2.28  
 2014-12-31 23:17:05.580 MAC Address: 00:04:FB:00:02:EA  
 2014-12-31 23:17:05.580 Disk Size: 20000669696  
 2014-12-31 23:17:05.580 Percent of 1177 data files in use: 51.3  
 2014-12-31 23:17:05.580 Channels Enabled: 1234 Preamps ON channels:  
 2014-12-31 23:17:05.580 Channel Sensitivities (uV per count):  
 2014-12-31 23:17:05.580 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2014-12-31 23:17:05.580 Digitizer Calibration Results:  
 2014-12-31 23:17:05.580 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2014-12-31 23:17:05.580 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2014-12-31 23:17:05.580 DMU1 Software Version=10  
 2014-12-31 23:17:05.580 Supply Voltage=12.7  
 2014-12-31 23:17:05.580 Supply Current=0.41  
 2014-12-31 23:17:05.580 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2014-12-31 23:17:05.580 WebLink Data Maps Restored  
 2014-12-31 23:17:05.580 [2014-12-31 11:07:48.999998] sequence resumes: 23274178 to  
 23274178  
 2014-12-31 23:17:05.580 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2014-12-31 23:17:04  
 2014-12-31 23:22:35.570 [2014-12-31 23:14:14.000000] total packets received: 46632  
 2014-12-31 23:22:35.570 [2014-12-31 23:14:14.000000] command timeouts: 6  
 2014-12-31 23:22:35.570 [2014-12-31 23:14:14.000000] out of window: 67  
 2014-12-31 23:22:35.570 written: HHZ-1152 HH1-1338 HH2-1327 BDH-447 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2014-12-31 23:22:35.570 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2014-12-31 23:22:35.570 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2014-12-31 23:22:35.570 [2014-12-31 23:14:14.000000] Done: 4407 recs. seq end:  
 23317763. run: 325 s  
 2015-01-01 11:23:27.530  
 2015-01-01 11:23:27.530 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-01 11:23:27.530 Control Port 2491 Opened  
 2015-01-01 11:23:27.530 Baler ready on Ethernet  
 2015-01-01 11:23:27.530 Power Cycled Baler Acknowledged  
 2015-01-01 11:23:27.530 Commands Accepted by Q330  
 2015-01-01 11:23:27.530 Access timeout: 300 sec  
 2015-01-01 11:23:27.530 Control Port 4023 Opened  
 2015-01-01 11:23:27.530 Data Port 4024 Opened  
 2015-01-01 11:23:27.530 Registered with Q330  
 2015-01-01 11:23:27.530 Combination Record Received  
 2015-01-01 11:23:27.530 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-01 11:23:27.530 Link Reset, starting window sequence: 55773

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2015-01-01 11:23:27.530 GPS Receiver ID Received
2015-01-01 11:23:27.530 Manufacturer's Data Received, Property Tag=2017
2015-01-01 11:23:27.530 Digitizer Gain & Offsets Received
2015-01-01 11:23:27.530 Msg From 192.168.200.119:Baler XX-2017 readback. 4407 recs.
seq end: 23317763
2015-01-01 11:23:27.530 Baler clock set to 2015-01-01 11:23:26
2015-01-01 11:23:27.530 Starting to Read DP Tokens
2015-01-01 11:23:27.530 DP Tokens loaded, size=1474 bytes
2015-01-01 11:23:27.530 Webserver advertising 192.168.200.119:5380
2015-01-01 11:23:27.530 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-01 11:23:27.530 filters & delay HH1:2@100,Linear all=0.320000
2015-01-01 11:23:27.530 filters & delay HH2:3@100,Linear all=0.320000
2015-01-01 11:23:27.530 filters & delay BDH:4@20,Linear all=1.650000
2015-01-01 11:23:27.530 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-01 11:23:27.530 filters & delay LH1:2@1,Linear all=15.000000
2015-01-01 11:23:27.530 filters & delay LH2:3@1,Linear all=15.000000
2015-01-01 11:23:27.530 filters & delay LDH:4@1,Linear all=15.000000
2015-01-01 11:23:27.530 [2014-12-31 23:14:14.000000] continuity found: 23317763
473382854.000000 Q=100
2015-01-01 11:23:27.530 [2014-12-31 23:14:14.000000] restoring continuity
2015-01-01 11:23:27.530 Sending DT_OPEN
2015-01-01 11:23:27.530 Station: XX-2017
2015-01-01 11:23:27.530 Q330 Serial Number: 0100000DB18FC351
2015-01-01 11:23:27.530 AMB Serial Number: 0100000B6909DD82
2015-01-01 11:23:27.530 Seismo 1 Serial Number: 0000000000000000
2015-01-01 11:23:27.530 Seismo 2 Serial Number: 0000000000000000
2015-01-01 11:23:27.530 QAPCHP 1 Serial Number: 4643206
2015-01-01 11:23:27.530 QAPCHP 2 Serial Number: 3743050
2015-01-01 11:23:27.530 KMI Property Tag Number: 2017
2015-01-01 11:23:27.530 System Software Version: 1.146
2015-01-01 11:23:27.530 Slave Processor Version: 1.11
2015-01-01 11:23:27.530 Calibrator Type: QCAL330
2015-01-01 11:23:27.530 Calibrator Version: 1.8
2015-01-01 11:23:27.530 Auxiliary Board Type: None
2015-01-01 11:23:27.530 Clock Type: Motorola M12
2015-01-01 11:23:27.530 PLD Version: 7.9
2015-01-01 11:23:27.530 Total Hours: 71631.96
2015-01-01 11:23:27.530 Power On Hours: 36262.34
2015-01-01 11:23:27.530 Time of Last Boot: 2014-04-06 02:03:58
2015-01-01 11:23:27.530 Total Number of Boots: 120
2015-01-01 11:23:27.530 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-01 11:23:27.530 Total Number of Re-Syncs: 213
2015-01-01 11:23:27.530 Status Inputs: 00000000
2015-01-01 11:23:27.530 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-01 11:23:27.530 Clock Quality: 100%
2015-01-01 11:23:27.530 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-01 11:23:27.530 Clock Phase: 0 usec. max allowed=50000
2015-01-01 11:23:27.530 Boom positions:
2015-01-01 11:23:27.530 ch1: -2 ch2: 5 ch3: -4 ch4: 20 ch5: 20 ch6: 20
2015-01-01 11:23:27.530 Analog Status
2015-01-01 11:23:27.530 Analog Positive Supply: 5.46V
2015-01-01 11:23:27.530 Input Voltage: 13.20V
2015-01-01 11:23:27.530 System Temperature: 5C
2015-01-01 11:23:27.530 Main Current: 62ma
2015-01-01 11:23:27.530 Antenna Current: 0ma
2015-01-01 11:23:27.530 GPS Status
2015-01-01 11:23:27.530 Time: 11:23:26
2015-01-01 11:23:27.530 Date:
2015-01-01 11:23:27.530 Fix Type: 1-D
2015-01-01 11:23:27.530 Height:
2015-01-01 11:23:27.530 Latitude:
2015-01-01 11:23:27.530 On Time: 0min
2015-01-01 11:23:27.530 Sat. Used: 0

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2015-01-01 11:23:27.530 In View: 0
2015-01-01 11:23:27.530 Checksum Errors: 0
2015-01-01 11:23:27.530 Last GPS timemark: 2015-01-01 11:23:25
2015-01-01 11:23:27.530 PLL Status
2015-01-01 11:23:27.530 State: Lock
2015-01-01 11:23:27.530 Initial VCO: 2200.198486
2015-01-01 11:23:27.530 Time Error: -0.000001
2015-01-01 11:23:27.530 RMS VCO: 0.0000000
2015-01-01 11:23:27.530 Best VCO: 2200.28
2015-01-01 11:23:27.530 Seconds Since Track or Lock: 0.0
2015-01-01 11:23:27.530 Vco Control: 2200
2015-01-01 11:23:27.530 timing mode: external seascan
2015-01-01 11:23:27.530 tempco normal
2015-01-01 11:23:27.530 PLL update: 10s PLL lock criterion: 5us
2015-01-01 11:23:27.530 Pfrac: 150.00
2015-01-01 11:23:27.530 VCO slope: -0.0175000
2015-01-01 11:23:27.530 VCO intercept: 7.1100001
2015-01-01 11:23:27.530 km delta: 600.0000000
2015-01-01 11:23:27.530 Logical Port 4 Status
2015-01-01 11:23:27.530 Data Packets Sent: 26928311
2015-01-01 11:23:27.530 Flood Packets Sent: 0
2015-01-01 11:23:27.530 Packets Re-Sent: 42928
2015-01-01 11:23:27.530 Sequence Errors: 0
2015-01-01 11:23:27.530 Packet Buffer Used: 21971772
2015-01-01 11:23:27.530 Physical Port: Ethernet
2015-01-01 11:23:27.530 Baler Model: 14 Software Version: 2.28
2015-01-01 11:23:27.530 MAC Address: 00:04:FB:00:02:EA
2015-01-01 11:23:27.530 Disk Size: 20000669696
2015-01-01 11:23:27.530 Percent of 1177 data files in use: 51.6
2015-01-01 11:23:27.530 Channels Enabled: 1234 Preamps ON channels:
2015-01-01 11:23:27.530 Channel Sensitivities (uV per count):
2015-01-01 11:23:27.530 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-01 11:23:27.530 Digitizer Calibration Results:
2015-01-01 11:23:27.530 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-01 11:23:27.530 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-01 11:23:27.530 DMU1 Software Version=10
2015-01-01 11:23:27.530 Supply Voltage=12.7
2015-01-01 11:23:27.530 Supply Current=0.41
2015-01-01 11:23:27.530 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-01 11:23:27.530 WebLink Data Maps Restored
2015-01-01 11:23:27.530 [2014-12-31 23:14:14.000000] sequence resumes: 23317763 to
23317763
2015-01-01 11:23:27.530 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-01 11:23:26
2015-01-01 11:23:27.530 [2015-01-01 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-01 11:28:57.200 Reducing Status Polling Interval
2015-01-01 11:28:57.200 [2015-01-01 11:28:55.999998] total packets received: 45308
2015-01-01 11:28:57.200 [2015-01-01 11:28:55.999998] command timeouts: 6
2015-01-01 11:28:57.200 [2015-01-01 11:28:55.999998] out of window: 63
2015-01-01 11:28:57.200 written: HHZ-1149 HH1-1348 HH2-1372 BDH-443 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2015-01-01 11:28:57.200 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2015-01-01 11:28:57.200 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2015-01-01 11:28:57.200 [2015-01-01 11:28:55.999998] Done: 4447 recs. seq end:
23361845. run: 325 s
2015-01-01 23:29:50.530
2015-01-01 23:29:50.530 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-01 23:29:50.530 Control Port 2491 Opened
2015-01-01 23:29:50.530 Baler ready on Ethernet
2015-01-01 23:29:50.530 Power Cycled Baler Acknowledged
2015-01-01 23:29:50.530 Commands Accepted by Q330

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2015-01-01 23:29:50.530 Access timeout: 300 sec
2015-01-01 23:29:50.530 Control Port 4023 Opened
2015-01-01 23:29:50.530 Data Port 4024 Opened
2015-01-01 23:29:50.530 Registered with Q330
2015-01-01 23:29:50.530 Combination Record Received
2015-01-01 23:29:50.530 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-01 23:29:50.530 Link Reset, starting window sequence: 35447
2015-01-01 23:29:50.530 GPS Receiver ID Received
2015-01-01 23:29:50.530 Manufacturer's Data Received, Property Tag=2017
2015-01-01 23:29:50.530 Digitizer Gain & Offsets Received
2015-01-01 23:29:50.530 Msg From 192.168.200.119:Baler XX-2017 readback. 4447 recs.
seq end: 23361845
2015-01-01 23:29:50.530 Baler clock set to 2015-01-01 23:29:49
2015-01-01 23:29:50.530 Starting to Read DP Tokens
2015-01-01 23:29:50.530 DP Tokens loaded, size=1474 bytes
2015-01-01 23:29:50.530 webserver advertising 192.168.200.119:5380
2015-01-01 23:29:50.530 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-01 23:29:50.530 filters & delay HH1:2@100,Linear all=0.320000
2015-01-01 23:29:50.530 filters & delay HH2:3@100,Linear all=0.320000
2015-01-01 23:29:50.530 filters & delay BDH:4@20,Linear all=1.650000
2015-01-01 23:29:50.530 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-01 23:29:50.530 filters & delay LH1:2@1,Linear all=15.000000
2015-01-01 23:29:50.530 filters & delay LH2:3@1,Linear all=15.000000
2015-01-01 23:29:50.530 filters & delay LDH:4@1,Linear all=15.000000
2015-01-01 23:29:50.530 [2015-01-01 11:28:55.999998] continuity found: 23361845
473426936.000000 Q=100
2015-01-01 23:29:50.530 [2015-01-01 11:28:55.999998] restoring continuity
2015-01-01 23:29:50.530 Sending DT_OPEN
2015-01-01 23:29:50.530 Station: XX-2017
2015-01-01 23:29:50.530 Q330 Serial Number: 0100000DB18FC351
2015-01-01 23:29:50.530 AMB Serial Number: 0100000B6909DD82
2015-01-01 23:29:50.530 Seismo 1 Serial Number: 0000000000000000
2015-01-01 23:29:50.530 Seismo 2 Serial Number: 0000000000000000
2015-01-01 23:29:50.530 QAPCHP 1 Serial Number: 4643206
2015-01-01 23:29:50.530 QAPCHP 2 Serial Number: 3743050
2015-01-01 23:29:50.530 KMI Property Tag Number: 2017
2015-01-01 23:29:50.530 System Software Version: 1.146
2015-01-01 23:29:50.530 Slave Processor Version: 1.11
2015-01-01 23:29:50.530 Calibrator Type: QCAL330
2015-01-01 23:29:50.530 Calibrator Version: 1.8
2015-01-01 23:29:50.530 Auxiliary Board Type: None
2015-01-01 23:29:50.530 Clock Type: Motorola M12
2015-01-01 23:29:50.530 PLD Version: 7.9
2015-01-01 23:29:50.530 Total Hours: 71644.07
2015-01-01 23:29:50.530 Power On Hours: 36274.45
2015-01-01 23:29:50.530 Time of Last Boot: 2014-04-06 02:03:58
2015-01-01 23:29:50.530 Total Number of Boots: 120
2015-01-01 23:29:50.530 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-01 23:29:50.530 Total Number of Re-Syncs: 213
2015-01-01 23:29:50.530 Status Inputs: 00000000
2015-01-01 23:29:50.530 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-01 23:29:50.530 Clock Quality: 100%
2015-01-01 23:29:50.530 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-01 23:29:50.530 Clock Phase: 0 usec. max allowed=50000
2015-01-01 23:29:50.530 Boom positions:
2015-01-01 23:29:50.530 ch1: -2 ch2: 4 ch3: -3 ch4: 20 ch5: 20 ch6: 20
2015-01-01 23:29:50.530 Analog Status
2015-01-01 23:29:50.530 Analog Positive Supply: 5.46V
2015-01-01 23:29:50.530 Input Voltage: 13.35V
2015-01-01 23:29:50.530 System Temperature: 5C
2015-01-01 23:29:50.530 Main Current: 62ma
2015-01-01 23:29:50.530 Antenna Current: 0ma
2015-01-01 23:29:50.530 GPS Status

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2015-01-01 23:29:50.530 Time: 23:29:49
2015-01-01 23:29:50.530 Date:
2015-01-01 23:29:50.530 Fix Type: 1-D
2015-01-01 23:29:50.530 Height:
2015-01-01 23:29:50.530 Latitude:
2015-01-01 23:29:50.530 Longitude:
2015-01-01 23:29:50.530 On Time: 0min
2015-01-01 23:29:50.530 Sat. Used: 0
2015-01-01 23:29:50.530 In View: 0
2015-01-01 23:29:50.530 Checksum Errors: 0
2015-01-01 23:29:50.530 Last GPS timemark: 2015-01-01 23:29:48
2015-01-01 23:29:50.530 PLL Status
2015-01-01 23:29:50.530 State: Lock
2015-01-01 23:29:50.530 Initial VCO: 2199.989014
2015-01-01 23:29:50.530 Time Error: -0.000001
2015-01-01 23:29:50.530 RMS VCO: 0.0000000
2015-01-01 23:29:50.530 Best VCO: 2200.16
2015-01-01 23:29:50.530 Seconds Since Track or Lock: 0.0
2015-01-01 23:29:50.530 Vco Control: 2200
2015-01-01 23:29:50.530 timing mode: external seascan
2015-01-01 23:29:50.530 tempco normal
2015-01-01 23:29:50.530 PLL update: 10s PLL lock criterion: 5us
2015-01-01 23:29:50.530 Pfrac: 150.00
2015-01-01 23:29:50.530 VCO slope: -0.0175000
2015-01-01 23:29:50.530 VCO intercept: 7.1100001
2015-01-01 23:29:50.530 Km delta: 600.0000000
2015-01-01 23:29:50.530 Logical Port 4 Status
2015-01-01 23:29:50.530 Data Packets Sent: 26973526
2015-01-01 23:29:50.530 Flood Packets Sent: 0
2015-01-01 23:29:50.530 Packets Re-Sent: 43006
2015-01-01 23:29:50.530 Sequence Errors: 0
2015-01-01 23:29:50.530 Packet Buffer Used: 21478936
2015-01-01 23:29:50.530 Physical Port: Ethernet
2015-01-01 23:29:50.530 Baler Model: 14 Software Version: 2.28
2015-01-01 23:29:50.530 MAC Address: 00:04:FB:00:02:EA
2015-01-01 23:29:50.530 Disk Size: 20000669696
2015-01-01 23:29:50.530 Percent of 1177 data files in use: 51.6
2015-01-01 23:29:50.530 Channels Enabled: 1234 Preamps ON channels:
2015-01-01 23:29:50.530 Channel Sensitivities (uV per count):
2015-01-01 23:29:50.530 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-01 23:29:50.530 Digitizer Calibration Results:
2015-01-01 23:29:50.530 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-01 23:29:50.530 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-01 23:29:50.530 DMU1 Software Version=10
2015-01-01 23:29:50.530 Supply Voltage=12.6
2015-01-01 23:29:50.530 Supply Current=0.41
2015-01-01 23:29:50.530 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-01 23:29:50.530 WebLink Data Maps Restored
2015-01-01 23:29:50.530 [2015-01-01 11:28:55.999998] sequence resumes: 23361845 to
23361845
2015-01-01 23:29:50.530 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-01 23:29:49
2015-01-01 23:35:13.650 Reducing Status Polling Interval
2015-01-01 23:35:13.650 [2015-01-01 23:35:12.999998] total packets received: 44927
2015-01-01 23:35:13.650 [2015-01-01 23:35:12.999998] command timeouts: 6
2015-01-01 23:35:13.650 [2015-01-01 23:35:12.999998] out of window: 60
2015-01-01 23:35:13.650 written: HHZ-1116 HH1-1295 HH2-1355 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-01 23:35:13.650 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2015-01-01 23:35:13.650 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-01 23:35:13.650 [2015-01-01 23:35:12.999998] Done: 4342 recs. seq end:
23405422. run: 319 s

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2015-01-02 11:36:07.480
2015-01-02 11:36:07.480 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-02 11:36:07.480 Control Port 2491 Opened
2015-01-02 11:36:07.480 Baler ready on Ethernet
2015-01-02 11:36:07.480 Power Cycled Baler Acknowledged
2015-01-02 11:36:07.480 Commands Accepted by Q330
2015-01-02 11:36:07.480 Access timeout: 300 sec
2015-01-02 11:36:07.480 Control Port 4023 Opened
2015-01-02 11:36:07.480 Data Port 4024 Opened
2015-01-02 11:36:07.480 Registered with Q330
2015-01-02 11:36:07.480 Combination Record Received
2015-01-02 11:36:07.480 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-02 11:36:07.480 Link Reset, starting window sequence: 14743
2015-01-02 11:36:07.480 GPS Receiver ID Received
2015-01-02 11:36:07.480 Manufacturer's Data Received, Property Tag=2017
2015-01-02 11:36:07.480 Digitizer Gain & Offsets Received
2015-01-02 11:36:07.480 Msg From 192.168.200.119:Baler XX-2017 readback. 4342 recs.
seq end: 23405422
2015-01-02 11:36:07.480 Baler clock set to 2015-01-02 11:36:06
2015-01-02 11:36:07.480 Starting to Read DP Tokens
2015-01-02 11:36:07.480 DP Tokens loaded, size=1474 bytes
2015-01-02 11:36:07.480 webserver advertising 192.168.200.119:5380
2015-01-02 11:36:07.480 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-02 11:36:07.480 filters & delay HH1:2@100,Linear all=0.320000
2015-01-02 11:36:07.480 filters & delay HH2:3@100,Linear all=0.320000
2015-01-02 11:36:07.480 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-02 11:36:07.480 filters & delay LH1:2@1,Linear all=15.000000
2015-01-02 11:36:07.480 filters & delay LH2:3@1,Linear all=15.000000
2015-01-02 11:36:07.480 filters & delay LDH:4@1,Linear all=15.000000
2015-01-02 11:36:07.480 [2015-01-01 23:35:12.999998] continuity found: 23405422
473470513.000000 Q=100
2015-01-02 11:36:07.480 [2015-01-01 23:35:12.999998] restoring continuity
2015-01-02 11:36:07.480 Sending DT_OPEN
2015-01-02 11:36:07.480 Station: XX-2017
2015-01-02 11:36:07.480 Q330 Serial Number: 0100000DB18FC351
2015-01-02 11:36:07.480 AMB Serial Number: 0100000B6909DD82
2015-01-02 11:36:07.480 Seismo 1 Serial Number: 0000000000000000
2015-01-02 11:36:07.480 Seismo 2 Serial Number: 0000000000000000
2015-01-02 11:36:07.480 QAPCHP 1 Serial Number: 4643206
2015-01-02 11:36:07.480 QAPCHP 2 Serial Number: 3743050
2015-01-02 11:36:07.480 KMI Property Tag Number: 2017
2015-01-02 11:36:07.480 System Software Version: 1.146
2015-01-02 11:36:07.480 Slave Processor Version: 1.11
2015-01-02 11:36:07.480 Calibrator Type: QCAL330
2015-01-02 11:36:07.480 Calibrator Version: 1.8
2015-01-02 11:36:07.480 Auxiliary Board Type: None
2015-01-02 11:36:07.480 Clock Type: Motorola M12
2015-01-02 11:36:07.480 PLD Version: 7.9
2015-01-02 11:36:07.480 Total Hours: 71656.17
2015-01-02 11:36:07.480 Power On Hours: 36286.56
2015-01-02 11:36:07.480 Time of Last Boot: 2014-04-06 02:03:58
2015-01-02 11:36:07.480 Total Number of Boots: 120
2015-01-02 11:36:07.480 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-02 11:36:07.480 Total Number of Re-Syncs: 213
2015-01-02 11:36:07.480 Status Inputs: 00000000
2015-01-02 11:36:07.480 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-02 11:36:07.480 Clock Quality: 100%
2015-01-02 11:36:07.480 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-02 11:36:07.480 Clock Phase: 0 usec. max allowed=50000
2015-01-02 11:36:07.480 Boom positions:
2015-01-02 11:36:07.480 ch1: -2 ch2: 4 ch3: -2 ch4: 20 ch5: 20 ch6: 20
2015-01-02 11:36:07.480 Analog Status
2015-01-02 11:36:07.480 Analog Positive Supply: 5.46V

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2015-01-02 11:36:07.480 Input Voltage: 13.20V
2015-01-02 11:36:07.480 System Temperature: 5C
2015-01-02 11:36:07.480 Main Current: 61ma
2015-01-02 11:36:07.480 Antenna Current: 0ma
2015-01-02 11:36:07.480 GPS Status
2015-01-02 11:36:07.480 Time: 11:36:06
2015-01-02 11:36:07.480 Date:
2015-01-02 11:36:07.480 Fix Type: 1-D
2015-01-02 11:36:07.480 Height:
2015-01-02 11:36:07.480 Latitude:
2015-01-02 11:36:07.480 Longitude:
2015-01-02 11:36:07.480 On Time: 0min
2015-01-02 11:36:07.480 Sat. Used: 0
2015-01-02 11:36:07.480 In View: 0
2015-01-02 11:36:07.480 Checksum Errors: 0
2015-01-02 11:36:07.480 Last GPS timemark: 2015-01-02 11:36:05
2015-01-02 11:36:07.480 PLL Status
2015-01-02 11:36:07.480 State: Lock
2015-01-02 11:36:07.480 Initial VCO: 2200.038086
2015-01-02 11:36:07.480 Time Error: 0.000000
2015-01-02 11:36:07.480 RMS VCO: 0.0000000
2015-01-02 11:36:07.480 Best VCO: 2200.03
2015-01-02 11:36:07.480 Seconds Since Track or Lock: 0.0
2015-01-02 11:36:07.480 Vco Control: 2200
2015-01-02 11:36:07.480 timing mode: external seascan
2015-01-02 11:36:07.480 tempco normal
2015-01-02 11:36:07.480 PLL update: 10s PLL lock criterion: 5us
2015-01-02 11:36:07.480 Pfrac: 150.00
2015-01-02 11:36:07.480 VCO slope: -0.0175000
2015-01-02 11:36:07.480 VCO intercept: 7.1100001
2015-01-02 11:36:07.480 Km delta: 600.0000000
2015-01-02 11:36:07.480 Logical Port 4 Status
2015-01-02 11:36:07.480 Data Packets Sent: 27018363
2015-01-02 11:36:07.480 Flood Packets Sent: 0
2015-01-02 11:36:07.480 Packets Re-Sent: 43082
2015-01-02 11:36:07.480 Sequence Errors: 0
2015-01-02 11:36:07.480 Packet Buffer Used: 21805508
2015-01-02 11:36:07.480 Physical Port: Ethernet
2015-01-02 11:36:07.480 Baler Model: 14 Software Version: 2.28
2015-01-02 11:36:07.480 MAC Address: 00:04:FB:00:02:EA
2015-01-02 11:36:07.480 Disk Size: 20000669696
2015-01-02 11:36:07.480 Percent of 1177 data files in use: 51.7
2015-01-02 11:36:07.480 Channels Enabled: 1234 Preamps ON channels:
2015-01-02 11:36:07.480 Channel Sensitivities (uV per count):
2015-01-02 11:36:07.480 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-02 11:36:07.480 Digitizer Calibration Results:
2015-01-02 11:36:07.480 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-02 11:36:07.480 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-02 11:36:07.480 DMU1 Software Version=10
2015-01-02 11:36:07.480 Supply Voltage=12.7
2015-01-02 11:36:07.480 Supply Current=0.41
2015-01-02 11:36:07.480 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-02 11:36:07.480 WebLink Data Maps Restored
2015-01-02 11:36:07.480 [2015-01-01 23:35:12.999998] sequence resumes: 23405422 to
23405422
2015-01-02 11:36:07.480 [2015-01-02 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-02 11:36:07.480 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-02 11:36:06
2015-01-02 11:41:36.160 Reducing Status Polling Interval
2015-01-02 11:41:36.160 [2015-01-02 11:41:35.000000] total packets received: 47150
2015-01-02 11:41:36.160 [2015-01-02 11:41:35.000000] command timeouts: 6
2015-01-02 11:41:36.160 [2015-01-02 11:41:35.000000] out of window: 65

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2015-01-02 11:41:36.160 written: HHZ-1093 HH1-1367 HH2-1403 BDH-432 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2015-01-02 11:41:36.160 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24  
VMZ-2 VM1-2  
2015-01-02 11:41:36.160 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
2015-01-02 11:41:36.160 [2015-01-02 11:41:35.000000] Done: 4436 recs. seq end:  
23449004. run: 324 s  
2015-01-02 23:42:30.590  
2015-01-02 23:42:30.590 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2015-01-02 23:42:30.590 Control Port 2491 Opened  
2015-01-02 23:42:30.590 Baler ready on Ethernet  
2015-01-02 23:42:30.590 Power Cycled Baler Acknowledged  
2015-01-02 23:42:30.590 Commands Accepted by Q330  
2015-01-02 23:42:30.590 Access timeout: 300 sec  
2015-01-02 23:42:30.590 Control Port 4023 Opened  
2015-01-02 23:42:30.590 Data Port 4024 Opened  
2015-01-02 23:42:30.590 Registered with Q330  
2015-01-02 23:42:30.590 Combination Record Received  
2015-01-02 23:42:30.590 window=4 Min. Timeout=10 Max. Timeout=30  
2015-01-02 23:42:30.590 Link Reset, starting window sequence: 61793  
2015-01-02 23:42:30.590 GPS Receiver ID Received  
2015-01-02 23:42:30.590 Manufacturer's Data Received, Property Tag=2017  
2015-01-02 23:42:30.590 Digitizer Gain & Offsets Received  
2015-01-02 23:42:30.590 Msg From 192.168.200.119:Baler XX-2017 readback. 4436 recs.  
seq end: 23449004  
2015-01-02 23:42:30.590 Baler clock set to 2015-01-02 23:42:29  
2015-01-02 23:42:30.590 Starting to Read DP Tokens  
2015-01-02 23:42:30.590 DP Tokens loaded, size=1474 bytes  
2015-01-02 23:42:30.590 webserver advertising 192.168.200.119:5380  
2015-01-02 23:42:30.590 filters & delay HHZ:1@100,Linear all=0.320000  
2015-01-02 23:42:30.590 filters & delay HH1:2@100,Linear all=0.320000  
2015-01-02 23:42:30.590 filters & delay HH2:3@100,Linear all=0.320000  
2015-01-02 23:42:30.590 filters & delay BDH:4@20,Linear all=1.650000  
2015-01-02 23:42:30.590 filters & delay LHZ:1@1,Linear all=15.000000  
2015-01-02 23:42:30.590 filters & delay LH1:2@1,Linear all=15.000000  
2015-01-02 23:42:30.590 filters & delay LH2:3@1,Linear all=15.000000  
2015-01-02 23:42:30.590 filters & delay LDH:4@1,Linear all=15.000000  
2015-01-02 23:42:30.590 [2015-01-02 11:41:35.000000] continuity found: 23449004  
473514095.000000 Q=100  
2015-01-02 23:42:30.590 [2015-01-02 11:41:35.000000] restoring continuity  
2015-01-02 23:42:30.590 Sending DT\_OPEN  
2015-01-02 23:42:30.590 Station: XX-2017  
2015-01-02 23:42:30.590 Q330 Serial Number: 0100000DB18FC351  
2015-01-02 23:42:30.590 AMB Serial Number: 0100000B6909DD82  
2015-01-02 23:42:30.590 Seismo 1 Serial Number: 0000000000000000  
2015-01-02 23:42:30.590 Seismo 2 Serial Number: 0000000000000000  
2015-01-02 23:42:30.590 QAPCHP 1 Serial Number: 4643206  
2015-01-02 23:42:30.590 QAPCHP 2 Serial Number: 3743050  
2015-01-02 23:42:30.590 KMI Property Tag Number: 2017  
2015-01-02 23:42:30.590 System Software Version: 1.146  
2015-01-02 23:42:30.590 Slave Processor Version: 1.11  
2015-01-02 23:42:30.590 Calibrator Type: QCAL330  
2015-01-02 23:42:30.590 Calibrator Version: 1.8  
2015-01-02 23:42:30.590 Auxiliary Board Type: None  
2015-01-02 23:42:30.590 Clock Type: Motorola M12  
2015-01-02 23:42:30.590 PLD Version: 7.9  
2015-01-02 23:42:30.590 Total Hours: 71668.28  
2015-01-02 23:42:30.590 Power On Hours: 36298.66  
2015-01-02 23:42:30.590 Time of Last Boot: 2014-04-06 02:03:58  
2015-01-02 23:42:30.590 Total Number of Boots: 120  
2015-01-02 23:42:30.590 Time of Last Re-Sync: 2014-04-06 02:17:08  
2015-01-02 23:42:30.590 Total Number of Re-Syncs: 213  
2015-01-02 23:42:30.590 Status Inputs: 00000000

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2015-01-02 23:42:30.590 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-02 23:42:30.590 Clock Quality: 100%  
 2015-01-02 23:42:30.590 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-02 23:42:30.590 Clock Phase: 0 usec. max allowed=50000  
 2015-01-02 23:42:30.590 Boom positions:  
 2015-01-02 23:42:30.590 Ch1: -2 Ch2: 3 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-02 23:42:30.590 Analog Status  
 2015-01-02 23:42:30.590 Analog Positive Supply: 5.46V  
 2015-01-02 23:42:30.590 Input Voltage: 13.35V  
 2015-01-02 23:42:30.590 System Temperature: 5C  
 2015-01-02 23:42:30.590 Main Current: 62ma  
 2015-01-02 23:42:30.590 Antenna Current: 0ma  
 2015-01-02 23:42:30.590 GPS Status  
 2015-01-02 23:42:30.590 Time: 23:42:29  
 2015-01-02 23:42:30.590 Date:  
 2015-01-02 23:42:30.590 Fix Type: 1-D  
 2015-01-02 23:42:30.590 Height:  
 2015-01-02 23:42:30.590 Latitude:  
 2015-01-02 23:42:30.590 Longitude:  
 2015-01-02 23:42:30.590 On Time: 0min  
 2015-01-02 23:42:30.590 Sat. Used: 0  
 2015-01-02 23:42:30.590 In View: 0  
 2015-01-02 23:42:30.590 Checksum Errors: 0  
 2015-01-02 23:42:30.590 Last GPS timemark: 2015-01-02 23:42:28  
 2015-01-02 23:42:30.590 PLL Status  
 2015-01-02 23:42:30.590 State: Lock  
 2015-01-02 23:42:30.590 Initial VCO: 2200.264893  
 2015-01-02 23:42:30.590 Time Error: -0.000001  
 2015-01-02 23:42:30.590 RMS VCO: 0.0000000  
 2015-01-02 23:42:30.590 Best VCO: 2200.43  
 2015-01-02 23:42:30.590 Seconds Since Track or Lock: 0.0  
 2015-01-02 23:42:30.590 Vco Control: 2200  
 2015-01-02 23:42:30.590 timing mode: external seascan  
 2015-01-02 23:42:30.590 tempco normal  
 2015-01-02 23:42:30.590 PLL update: 10s PLL lock criterion: 5us  
 2015-01-02 23:42:30.590 Pfrac: 150.00  
 2015-01-02 23:42:30.590 VCO slope: -0.0175000  
 2015-01-02 23:42:30.590 VCO intercept: 7.1100001  
 2015-01-02 23:42:30.590 km delta: 600.0000000  
 2015-01-02 23:42:30.590 Logical Port 4 Status  
 2015-01-02 23:42:30.590 Data Packets Sent: 27065418  
 2015-01-02 23:42:30.590 Flood Packets Sent: 0  
 2015-01-02 23:42:30.590 Packets Re-Sent: 43164  
 2015-01-02 23:42:30.590 Sequence Errors: 0  
 2015-01-02 23:42:30.590 Packet Buffer Used: 21490112  
 2015-01-02 23:42:30.590 Physical Port: Ethernet  
 2015-01-02 23:42:30.590 Baler Model: 14 Software Version: 2.28  
 2015-01-02 23:42:30.590 MAC Address: 00:04:FB:00:02:EA  
 2015-01-02 23:42:30.590 Disk Size: 20000669696  
 2015-01-02 23:42:30.590 Percent of 1177 data files in use: 51.7  
 2015-01-02 23:42:30.590 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-02 23:42:30.590 Channel Sensitivities (uV per count):  
 2015-01-02 23:42:30.590 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-02 23:42:30.590 Digitizer Calibration Results:  
 2015-01-02 23:42:30.590 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-02 23:42:30.590 DMU1 Software Version=10  
 2015-01-02 23:42:30.590 Supply Voltage=12.7  
 2015-01-02 23:42:30.590 Supply Current=0.41  
 2015-01-02 23:42:30.590 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-02 23:42:30.590 webLink Data Maps Restored  
 2015-01-02 23:42:30.590 [2015-01-02 11:41:35.000000] sequence resumes: 23449004 to 23449004  
 2015-01-02 23:42:30.590 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg

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2015-01-02 23:42:29
2015-01-02 23:47:56.620 Reducing Status Polling Interval
2015-01-02 23:47:56.620 [2015-01-02 23:47:55.999998] total packets received: 45043
2015-01-02 23:47:56.620 [2015-01-02 23:47:55.999998] command timeouts: 6
2015-01-02 23:47:56.620 [2015-01-02 23:47:55.999998] out of window: 63
2015-01-02 23:47:56.620 written: HHZ-1098 HH1-1297 HH2-1384 BDH-432 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-02 23:47:56.620 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2015-01-02 23:47:56.620 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-02 23:47:56.620 [2015-01-02 23:47:55.999998] Done: 4346 recs. seq end:
23492585. run: 321 s
2015-01-03 11:48:49.520
2015-01-03 11:48:49.520 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-03 11:48:49.520 Control Port 2491 Opened
2015-01-03 11:48:49.520 Baler ready on Ethernet
2015-01-03 11:48:49.520 Power Cycled Baler Acknowledged
2015-01-03 11:48:49.520 Commands Accepted by Q330
2015-01-03 11:48:49.520 Access timeout: 300 sec
2015-01-03 11:48:49.520 Control Port 4023 Opened
2015-01-03 11:48:49.520 Data Port 4024 Opened
2015-01-03 11:48:49.520 Registered with Q330
2015-01-03 11:48:49.520 Combination Record Received
2015-01-03 11:48:49.520 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-03 11:48:49.520 Link Reset, starting window sequence: 41202
2015-01-03 11:48:49.520 GPS Receiver ID Received
2015-01-03 11:48:49.520 Manufacturer's Data Received, Property Tag=2017
2015-01-03 11:48:49.520 Digitizer Gain & Offsets Received
2015-01-03 11:48:49.520 Msg From 192.168.200.119:Baler XX-2017 readback. 4346 recs.
seq end: 23492585
2015-01-03 11:48:49.520 Baler clock set to 2015-01-03 11:48:48
2015-01-03 11:48:49.520 Starting to Read DP Tokens
2015-01-03 11:48:49.520 DP Tokens loaded, size=1474 bytes
2015-01-03 11:48:49.520 webserver advertising 192.168.200.119:5380
2015-01-03 11:48:49.520 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-03 11:48:49.520 filters & delay HH1:2@100,Linear all=0.320000
2015-01-03 11:48:49.520 filters & delay HH2:3@100,Linear all=0.320000
2015-01-03 11:48:49.520 filters & delay BDH:4@20,Linear all=1.650000
2015-01-03 11:48:49.520 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-03 11:48:49.520 filters & delay LH1:2@1,Linear all=15.000000
2015-01-03 11:48:49.520 filters & delay LH2:3@1,Linear all=15.000000
2015-01-03 11:48:49.520 filters & delay LDH:4@1,Linear all=15.000000
2015-01-03 11:48:49.520 [2015-01-02 23:47:55.999998] continuity found: 23492585
473557676.000000 Q=100
2015-01-03 11:48:49.520 [2015-01-02 23:47:55.999998] restoring continuity
2015-01-03 11:48:49.520 Sending DT_OPEN
2015-01-03 11:48:49.520 Station: XX-2017
2015-01-03 11:48:49.520 Q330 Serial Number: 0100000DB18FC351
2015-01-03 11:48:49.520 AMB Serial Number: 0100000B6909DD82
2015-01-03 11:48:49.520 Seismo 1 Serial Number: 0000000000000000
2015-01-03 11:48:49.520 Seismo 2 Serial Number: 0000000000000000
2015-01-03 11:48:49.520 QAPCHP 1 Serial Number: 4643206
2015-01-03 11:48:49.520 QAPCHP 2 Serial Number: 3743050
2015-01-03 11:48:49.520 KMI Property Tag Number: 2017
2015-01-03 11:48:49.520 System Software Version: 1.146
2015-01-03 11:48:49.520 Slave Processor Version: 1.11
2015-01-03 11:48:49.520 Calibrator Type: QCAL330
2015-01-03 11:48:49.520 Calibrator Version: 1.8
2015-01-03 11:48:49.520 Auxiliary Board Type: None
2015-01-03 11:48:49.520 Clock Type: Motorola M12
2015-01-03 11:48:49.520 PLD Version: 7.9
2015-01-03 11:48:49.520 Total Hours: 71680.38
2015-01-03 11:48:49.520 Power On Hours: 36310.77

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2015-01-03 11:48:49.520 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-03 11:48:49.520 Total Number of Boots: 120  
 2015-01-03 11:48:49.520 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-03 11:48:49.520 Total Number of Re-Syncs: 213  
 2015-01-03 11:48:49.520 Status Inputs: 00000000  
 2015-01-03 11:48:49.520 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-03 11:48:49.520 Clock Quality: 100%  
 2015-01-03 11:48:49.520 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-03 11:48:49.520 Clock Phase: 0 usec. max allowed=50000  
 2015-01-03 11:48:49.520 Boom positions:  
 2015-01-03 11:48:49.520 ch1: -2 ch2: 3 ch3: -1 ch4: 20 ch5: 20 ch6: 20  
 2015-01-03 11:48:49.520 Analog Status  
 2015-01-03 11:48:49.520 Analog Positive Supply: 5.46V  
 2015-01-03 11:48:49.520 Input Voltage: 13.35V  
 2015-01-03 11:48:49.520 System Temperature: 5C  
 2015-01-03 11:48:49.520 Main Current: 63ma  
 2015-01-03 11:48:49.520 Antenna Current: 0ma  
 2015-01-03 11:48:49.520 GPS Status  
 2015-01-03 11:48:49.520 Time: 11:48:48  
 2015-01-03 11:48:49.520 Date:  
 2015-01-03 11:48:49.520 Fix Type: 1-D  
 2015-01-03 11:48:49.520 Height:  
 2015-01-03 11:48:49.520 Latitude:  
 2015-01-03 11:48:49.520 Longitude:  
 2015-01-03 11:48:49.520 On Time: 0min  
 2015-01-03 11:48:49.520 Sat. Used: 0  
 2015-01-03 11:48:49.520 In View: 0  
 2015-01-03 11:48:49.520 Checksum Errors: 0  
 2015-01-03 11:48:49.520 Last GPS timemark: 2015-01-03 11:48:47  
 2015-01-03 11:48:49.520 PLL Status  
 2015-01-03 11:48:49.520 State: Lock  
 2015-01-03 11:48:49.520 Initial VCO: 2200.615479  
 2015-01-03 11:48:49.520 Time Error: -0.000001  
 2015-01-03 11:48:49.520 RMS VCO: 0.0000000  
 2015-01-03 11:48:49.520 Best VCO: 2200.92  
 2015-01-03 11:48:49.520 Seconds Since Track or Lock: 0.0  
 2015-01-03 11:48:49.520 Vco Control: 2201  
 2015-01-03 11:48:49.520 timing mode: external seascan  
 2015-01-03 11:48:49.520 tempco normal  
 2015-01-03 11:48:49.520 PLL update: 10s PLL lock criterion: 5us  
 2015-01-03 11:48:49.520 Pfrac: 150.00  
 2015-01-03 11:48:49.520 VCO slope: -0.0175000  
 2015-01-03 11:48:49.520 VCO intercept: 7.1100001  
 2015-01-03 11:48:49.520 Km delta: 600.0000000  
 2015-01-03 11:48:49.520 Logical Port 4 Status  
 2015-01-03 11:48:49.520 Data Packets Sent: 27110368  
 2015-01-03 11:48:49.520 Flood Packets Sent: 0  
 2015-01-03 11:48:49.520 Packets Re-Sent: 43241  
 2015-01-03 11:48:49.520 Sequence Errors: 0  
 2015-01-03 11:48:49.520 Packet Buffer Used: 20930960  
 2015-01-03 11:48:49.520 Physical Port: Ethernet  
 2015-01-03 11:48:49.520 Baler Model: 14 Software Version: 2.28  
 2015-01-03 11:48:49.520 MAC Address: 00:04:FB:00:02:EA  
 2015-01-03 11:48:49.520 Disk Size: 20000669696  
 2015-01-03 11:48:49.520 Percent of 1177 data files in use: 51.8  
 2015-01-03 11:48:49.520 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-03 11:48:49.520 Channel Sensitivities (uV per count):  
 2015-01-03 11:48:49.520 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-03 11:48:49.520 Digitizer Calibration Results:  
 2015-01-03 11:48:49.520 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-03 11:48:49.520 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-03 11:48:49.520 DMU1 Software Version=10  
 2015-01-03 11:48:49.520 Supply Voltage=12.6

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2015-01-03 11:48:49.520 Supply Current=0.41  
 2015-01-03 11:48:49.520 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-03 11:48:49.520 WebLink Data Maps Restored  
 2015-01-03 11:48:49.520 [2015-01-02 23:47:55.999998] sequence resumes: 23492585 to 23492585  
 2015-01-03 11:48:49.520 [2015-01-03 00:00:00.000000] Saving Configuration to Backup Memory  
 2015-01-03 11:48:49.520 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-03 11:48:48  
 2015-01-03 11:54:04.680 Reducing Status Polling Interval  
 2015-01-03 11:54:04.680 [2015-01-03 11:54:03.999998] total packets received: 44448  
 2015-01-03 11:54:04.680 [2015-01-03 11:54:03.999998] command timeouts: 6  
 2015-01-03 11:54:04.680 [2015-01-03 11:54:03.999998] out of window: 56  
 2015-01-03 11:54:04.680 written: HHZ-1053 HH1-1331 HH2-1271 BDH-421 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-01-03 11:54:04.680 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-22 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2015-01-03 11:54:04.680 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2015-01-03 11:54:04.680 [2015-01-03 11:54:03.999998] Done: 4218 recs. seq end: 23536153. run: 312 s  
 2015-01-03 23:55:00.540  
 2015-01-03 23:55:00.540 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-03 23:55:00.540 Control Port 2491 Opened  
 2015-01-03 23:55:00.540 Baler ready on Ethernet  
 2015-01-03 23:55:00.540 Power Cycled Baler Acknowledged  
 2015-01-03 23:55:00.540 Commands Accepted by Q330  
 2015-01-03 23:55:00.540 Access timeout: 300 sec  
 2015-01-03 23:55:00.540 Control Port 4023 Opened  
 2015-01-03 23:55:00.540 Data Port 4024 Opened  
 2015-01-03 23:55:00.540 Registered with Q330  
 2015-01-03 23:55:00.540 Combination Record Received  
 2015-01-03 23:55:00.540 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-03 23:55:00.540 Link Reset, starting window sequence: 20023  
 2015-01-03 23:55:00.540 GPS Receiver ID Received  
 2015-01-03 23:55:00.540 Manufacturer's Data Received, Property Tag=2017  
 2015-01-03 23:55:00.540 Digitizer Gain & Offsets Received  
 2015-01-03 23:55:00.540 Msg From 192.168.200.119:Baler XX-2017 readback. 4218 recs. seq end: 23536153  
 2015-01-03 23:55:00.540 Baler clock set to 2015-01-03 23:54:59  
 2015-01-03 23:55:00.540 Starting to Read DP Tokens  
 2015-01-03 23:55:00.540 DP Tokens loaded, size=1474 bytes  
 2015-01-03 23:55:00.540 Webserver advertising 192.168.200.119:5380  
 2015-01-03 23:55:00.540 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-01-03 23:55:00.540 filters & delay HH1:2@100,Linear all=0.320000  
 2015-01-03 23:55:00.540 filters & delay HH2:3@100,Linear all=0.320000  
 2015-01-03 23:55:00.540 filters & delay BDH:4@20,Linear all=1.650000  
 2015-01-03 23:55:00.540 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-01-03 23:55:00.540 filters & delay LH1:2@1,Linear all=15.000000  
 2015-01-03 23:55:00.540 filters & delay LH2:3@1,Linear all=15.000000  
 2015-01-03 23:55:00.540 filters & delay LDH:4@1,Linear all=15.000000  
 2015-01-03 23:55:00.540 [2015-01-03 11:54:03.999998] continuity found: 23536153  
 473601244.000000 Q=100  
 2015-01-03 23:55:00.540 [2015-01-03 11:54:03.999998] restoring continuity  
 2015-01-03 23:55:00.540 Sending DT\_OPEN  
 2015-01-03 23:55:00.540 Station: XX-2017  
 2015-01-03 23:55:00.540 Q330 Serial Number: 0100000DB18FC351  
 2015-01-03 23:55:00.540 AMB Serial Number: 0100000B6909DD82  
 2015-01-03 23:55:00.540 Seismo 1 Serial Number: 0000000000000000  
 2015-01-03 23:55:00.540 Seismo 2 Serial Number: 0000000000000000  
 2015-01-03 23:55:00.540 QAPCHP 1 Serial Number: 4643206  
 2015-01-03 23:55:00.540 QAPCHP 2 Serial Number: 3743050  
 2015-01-03 23:55:00.540 KMI Property Tag Number: 2017  
 2015-01-03 23:55:00.540 System Software Version: 1.146

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2015-01-03 23:55:00.540 Slave Processor Version: 1.11  
 2015-01-03 23:55:00.540 Calibrator Type: QCAL330  
 2015-01-03 23:55:00.540 Calibrator Version: 1.8  
 2015-01-03 23:55:00.540 Auxiliary Board Type: None  
 2015-01-03 23:55:00.540 Clock Type: Motorola M12  
 2015-01-03 23:55:00.540 PLD Version: 7.9  
 2015-01-03 23:55:00.540 Total Hours: 71692.49  
 2015-01-03 23:55:00.540 Power On Hours: 36322.87  
 2015-01-03 23:55:00.540 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-03 23:55:00.540 Total Number of Boots: 120  
 2015-01-03 23:55:00.540 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-03 23:55:00.540 Total Number of Re-Syncs: 213  
 2015-01-03 23:55:00.540 Status Inputs: 00000000  
 2015-01-03 23:55:00.540 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-03 23:55:00.540 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-03 23:55:00.540 Clock Phase: 0 usec. max allowed=50000  
 2015-01-03 23:55:00.540 Boom positions:  
 2015-01-03 23:55:00.540 Ch1: -2 Ch2: 2 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-03 23:55:00.540 Analog Status  
 2015-01-03 23:55:00.540 Analog Positive Supply: 5.46v  
 2015-01-03 23:55:00.540 Input Voltage: 13.35V  
 2015-01-03 23:55:00.540 System Temperature: 5C  
 2015-01-03 23:55:00.540 Main Current: 62ma  
 2015-01-03 23:55:00.540 Antenna Current: 0ma  
 2015-01-03 23:55:00.540 GPS Status  
 2015-01-03 23:55:00.540 Time: 23:54:59  
 2015-01-03 23:55:00.540 Date:  
 2015-01-03 23:55:00.540 Fix Type: 1-D  
 2015-01-03 23:55:00.540 Height:  
 2015-01-03 23:55:00.540 Latitude:  
 2015-01-03 23:55:00.540 Longitude:  
 2015-01-03 23:55:00.540 On Time: 0min  
 2015-01-03 23:55:00.540 Sat. Used: 0  
 2015-01-03 23:55:00.540 In View: 0  
 2015-01-03 23:55:00.540 Checksum Errors: 0  
 2015-01-03 23:55:00.540 Last GPS timemark: 2015-01-03 23:54:58  
 2015-01-03 23:55:00.540 PLL Status  
 2015-01-03 23:55:00.540 State: Lock  
 2015-01-03 23:55:00.540 Initial VCO: 2200.157959  
 2015-01-03 23:55:00.540 Time Error: -0.000001  
 2015-01-03 23:55:00.540 RMS VCO: 0.0000000  
 2015-01-03 23:55:00.540 Best VCO: 2200.26  
 2015-01-03 23:55:00.540 Seconds Since Track or Lock: 0.0  
 2015-01-03 23:55:00.540 Vco Control: 2200  
 2015-01-03 23:55:00.540 timing mode: external seascan  
 2015-01-03 23:55:00.540 tempco normal  
 2015-01-03 23:55:00.540 PLL update: 10s PLL lock criterion: 5us  
 2015-01-03 23:55:00.540 Pfrac: 150.00  
 2015-01-03 23:55:00.540 VCO slope: -0.0175000  
 2015-01-03 23:55:00.540 VCO intercept: 7.1100001  
 2015-01-03 23:55:00.540 Km delta: 600.0000000  
 2015-01-03 23:55:00.540 Logical Port 4 Status  
 2015-01-03 23:55:00.540 Data Packets Sent: 27154730  
 2015-01-03 23:55:00.540 Flood Packets Sent: 0  
 2015-01-03 23:55:00.540 Packets Re-Sent: 43311  
 2015-01-03 23:55:00.540 Sequence Errors: 0  
 2015-01-03 23:55:00.540 Packet Buffer Used: 23175992  
 2015-01-03 23:55:00.540 Physical Port: Ethernet  
 2015-01-03 23:55:00.540 Baler Model: 14 Software Version: 2.28  
 2015-01-03 23:55:00.540 MAC Address: 00:04:FB:00:02:EA  
 2015-01-03 23:55:00.540 Disk Size: 20000669696  
 2015-01-03 23:55:00.540 Percent of 1177 data files in use: 51.9  
 2015-01-03 23:55:00.540 Channels Enabled: 1234 Preamps ON channels:

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2015-01-03 23:55:00.540 Channel Sensitivities (uV per count):
2015-01-03 23:55:00.540 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-03 23:55:00.540 Digitizer Calibration Results:
2015-01-03 23:55:00.540 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-03 23:55:00.540 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-03 23:55:00.540 DMU1 Software Version=10
2015-01-03 23:55:00.540 Supply Voltage=12.7
2015-01-03 23:55:00.540 Supply Current=0.41
2015-01-03 23:55:00.540 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-03 23:55:00.540 WebLink Data Maps Restored
2015-01-03 23:55:00.540 [2015-01-03 11:54:03.999998] sequence resumes: 23536153 to
23536153
2015-01-03 23:55:00.540 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-03 23:54:59
2015-01-04 00:00:48.330 [2015-01-03 23:56:25.000001] total packets received: 61469
2015-01-04 00:00:48.330 [2015-01-03 23:56:25.000001] command timeouts: 6
2015-01-04 00:00:48.330 [2015-01-03 23:56:25.000001] out of window: 63
2015-01-04 00:00:48.330 written: HHZ-1199 HH1-1464 HH2-1476 BDH-437 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-04 00:00:48.330 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2015-01-04 00:00:48.330 written: VM2-2 LOG-2 ACE-1 OCF-1
2015-01-04 00:00:48.330 [2015-01-03 23:56:25.000001] Done: 4715 recs. seq end:
23579494. run: 345 s
2015-01-04 12:01:42.540
2015-01-04 12:01:42.540 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-04 12:01:42.540 Control Port 2491 Opened
2015-01-04 12:01:42.540 Baler ready on Ethernet
2015-01-04 12:01:42.540 Power Cycled Baler Acknowledged
2015-01-04 12:01:42.540 Commands Accepted by Q330
2015-01-04 12:01:42.540 Access timeout: 300 sec
2015-01-04 12:01:42.540 Control Port 4023 Opened
2015-01-04 12:01:42.540 Data Port 4024 Opened
2015-01-04 12:01:42.540 Registered with Q330
2015-01-04 12:01:42.540 Combination Record Received
2015-01-04 12:01:42.540 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-04 12:01:42.540 Link Reset, starting window sequence: 15857
2015-01-04 12:01:42.540 GPS Receiver ID Received
2015-01-04 12:01:42.540 Manufacturer's Data Received, Property Tag=2017
2015-01-04 12:01:42.540 Digitizer Gain & Offsets Received
2015-01-04 12:01:42.540 Msg From 192.168.200.119:Baler XX-2017 readback. 4715 recs.
seq end: 23579494
2015-01-04 12:01:42.540 Baler clock set to 2015-01-04 12:01:41
2015-01-04 12:01:42.540 Starting to Read DP Tokens
2015-01-04 12:01:42.540 DP Tokens loaded, size=1474 bytes
2015-01-04 12:01:42.540 webserver advertising 192.168.200.119:5380
2015-01-04 12:01:42.540 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-04 12:01:42.540 filters & delay HH1:2@100,Linear all=0.320000
2015-01-04 12:01:42.540 filters & delay HH2:3@100,Linear all=0.320000
2015-01-04 12:01:42.540 filters & delay BDH:4@20,Linear all=1.650000
2015-01-04 12:01:42.540 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-04 12:01:42.540 filters & delay LH1:2@1,Linear all=15.000000
2015-01-04 12:01:42.540 filters & delay LH2:3@1,Linear all=15.000000
2015-01-04 12:01:42.540 filters & delay LDH:4@1,Linear all=15.000000
2015-01-04 12:01:42.540 [2015-01-03 23:56:25.000001] continuity found: 23579494
473644585.000000 Q=100
2015-01-04 12:01:42.540 [2015-01-03 23:56:25.000001] restoring continuity
2015-01-04 12:01:42.540 Sending DT_OPEN
2015-01-04 12:01:42.540 Station: XX-2017
2015-01-04 12:01:42.540 Q330 Serial Number: 0100000DB18FC351
2015-01-04 12:01:42.540 AMB Serial Number: 0100000B6909DD82
2015-01-04 12:01:42.540 Seismo 1 Serial Number: 0000000000000000
2015-01-04 12:01:42.540 Seismo 2 Serial Number: 0000000000000000

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2015-01-04 12:01:42.540 QAPCHP 1 Serial Number: 4643206  
 2015-01-04 12:01:42.540 QAPCHP 2 Serial Number: 3743050  
 2015-01-04 12:01:42.540 KMI Property Tag Number: 2017  
 2015-01-04 12:01:42.540 System Software Version: 1.146  
 2015-01-04 12:01:42.540 Slave Processor Version: 1.11  
 2015-01-04 12:01:42.540 Calibrator Type: QCAL330  
 2015-01-04 12:01:42.540 Calibrator Version: 1.8  
 2015-01-04 12:01:42.540 Auxiliary Board Type: None  
 2015-01-04 12:01:42.540 Clock Type: Motorola M12  
 2015-01-04 12:01:42.540 PLD Version: 7.9  
 2015-01-04 12:01:42.540 Total Hours: 71704.60  
 2015-01-04 12:01:42.540 Power On Hours: 36334.98  
 2015-01-04 12:01:42.540 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-04 12:01:42.540 Total Number of Boots: 120  
 2015-01-04 12:01:42.540 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-04 12:01:42.540 Total Number of Re-Syncs: 213  
 2015-01-04 12:01:42.540 Status Inputs: 00000000  
 2015-01-04 12:01:42.540 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-04 12:01:42.540 Clock Quality: 100%  
 2015-01-04 12:01:42.540 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-04 12:01:42.540 Clock Phase: 0 usec. max allowed=50000  
 2015-01-04 12:01:42.540 Boom positions:  
 2015-01-04 12:01:42.540 ch1: -2 ch2: 2 ch3: 1 ch4: 20 ch5: 20 ch6: 20  
 2015-01-04 12:01:42.540 Analog Status  
 2015-01-04 12:01:42.540 Analog Positive Supply: 5.46V  
 2015-01-04 12:01:42.540 Input Voltage: 13.35V  
 2015-01-04 12:01:42.540 System Temperature: 5C  
 2015-01-04 12:01:42.540 Main Current: 62ma  
 2015-01-04 12:01:42.540 Antenna Current: 0ma  
 2015-01-04 12:01:42.540 GPS Status  
 2015-01-04 12:01:42.540 Time: 12:01:41  
 2015-01-04 12:01:42.540 Date:  
 2015-01-04 12:01:42.540 Fix Type: 1-D  
 2015-01-04 12:01:42.540 Height:  
 2015-01-04 12:01:42.540 Latitude:  
 2015-01-04 12:01:42.540 Longitude:  
 2015-01-04 12:01:42.540 On Time: 0min  
 2015-01-04 12:01:42.540 Sat. Used: 0  
 2015-01-04 12:01:42.540 In View: 0  
 2015-01-04 12:01:42.540 Checksum Errors: 0  
 2015-01-04 12:01:42.540 Last GPS timemark: 2015-01-04 12:01:40  
 2015-01-04 12:01:42.540 PLL Status  
 2015-01-04 12:01:42.540 State: Lock  
 2015-01-04 12:01:42.540 Initial VCO: 2200.093994  
 2015-01-04 12:01:42.540 Time Error: 0.000000  
 2015-01-04 12:01:42.540 RMS VCO: 0.0000000  
 2015-01-04 12:01:42.540 Best VCO: 2200.07  
 2015-01-04 12:01:42.540 Seconds Since Track or Lock: 0.0  
 2015-01-04 12:01:42.540 Vco Control: 2200  
 2015-01-04 12:01:42.540 timing mode: external seascan  
 2015-01-04 12:01:42.540 tempco normal  
 2015-01-04 12:01:42.540 PLL update: 10s PLL lock criterion: 5us  
 2015-01-04 12:01:42.540 Pfrac: 150.00  
 2015-01-04 12:01:42.540 VCO slope: -0.0175000  
 2015-01-04 12:01:42.540 VCO intercept: 7.1100001  
 2015-01-04 12:01:42.540 km delta: 600.0000000  
 2015-01-04 12:01:42.540 Logical Port 4 Status  
 2015-01-04 12:01:42.540 Data Packets Sent: 27216105  
 2015-01-04 12:01:42.540 Flood Packets Sent: 0  
 2015-01-04 12:01:42.540 Packets Re-Sent: 43395  
 2015-01-04 12:01:42.540 Sequence Errors: 0  
 2015-01-04 12:01:42.540 Packet Buffer Used: 23102576  
 2015-01-04 12:01:42.540 Physical Port: Ethernet

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2015-01-04 12:01:42.540 Baler Model: 14 Software Version: 2.28
2015-01-04 12:01:42.540 MAC Address: 00:04:FB:00:02:EA
2015-01-04 12:01:42.540 Disk Size: 20000669696
2015-01-04 12:01:42.540 Percent of 1177 data files in use: 52.0
2015-01-04 12:01:42.540 Channels Enabled: 1234 Preamps ON channels:
2015-01-04 12:01:42.540 Channel Sensitivities (uV per count):
2015-01-04 12:01:42.540 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-04 12:01:42.540 Digitizer Calibration Results:
2015-01-04 12:01:42.540 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-04 12:01:42.540 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-04 12:01:42.540 DMU1 Software Version=10
2015-01-04 12:01:42.540 Supply Voltage=12.7
2015-01-04 12:01:42.540 Supply Current=0.41
2015-01-04 12:01:42.540 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-04 12:01:42.540 WebLink Data Maps Restored
2015-01-04 12:01:42.540 [2015-01-03 23:56:25.000001] sequence resumes: 23579494 to
23579494
2015-01-04 12:01:42.540 [2015-01-04 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-04 12:01:42.540 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-04 12:01:41
2015-01-04 12:07:27.140 Reducing Status Polling Interval
2015-01-04 12:07:27.140 [2015-01-04 12:07:25.999998] total packets received: 55537
2015-01-04 12:07:27.140 [2015-01-04 12:07:25.999998] command timeouts: 6
2015-01-04 12:07:27.140 [2015-01-04 12:07:25.999998] out of window: 60
2015-01-04 12:07:27.140 written: HHZ-1196 HH1-1458 HH2-1473 BDH-454 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-04 12:07:27.140 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-29
VMZ-1 VM1-1
2015-01-04 12:07:27.140 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2015-01-04 12:07:27.140 [2015-01-04 12:07:25.999998] Done: 4725 recs. seq end:
23623355. run: 341 s
2015-01-05 00:08:21.570
2015-01-05 00:08:21.570 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-05 00:08:21.570 Control Port 2491 Opened
2015-01-05 00:08:21.570 Baler ready on Ethernet
2015-01-05 00:08:21.570 Power Cycled Baler Acknowledged
2015-01-05 00:08:21.570 Commands Accepted by Q330
2015-01-05 00:08:21.570 Access timeout: 300 sec
2015-01-05 00:08:21.570 Control Port 4023 Opened
2015-01-05 00:08:21.570 Data Port 4024 Opened
2015-01-05 00:08:21.570 Registered with Q330
2015-01-05 00:08:21.570 Combination Record Received
2015-01-05 00:08:21.570 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-05 00:08:21.570 Link Reset, starting window sequence: 5762
2015-01-05 00:08:21.570 Manufacturer's Data Received, Property Tag=2017
2015-01-05 00:08:21.570 Digitizer Gain & Offsets Received
2015-01-05 00:08:21.570 Msg From 192.168.200.119:Baler XX-2017 readback. 4725 recs.
seq end: 23623355
2015-01-05 00:08:21.570 Baler clock set to 2015-01-05 00:08:20
2015-01-05 00:08:21.570 Starting to Read DP Tokens
2015-01-05 00:08:21.570 DP Tokens loaded, size=1474 bytes
2015-01-05 00:08:21.570 webserver advertising 192.168.200.119:5380
2015-01-05 00:08:21.570 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-05 00:08:21.570 filters & delay HH1:2@100,Linear all=0.320000
2015-01-05 00:08:21.570 filters & delay HH2:3@100,Linear all=0.320000
2015-01-05 00:08:21.570 filters & delay BDH:4@20,Linear all=1.650000
2015-01-05 00:08:21.570 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-05 00:08:21.570 filters & delay LH1:2@1,Linear all=15.000000
2015-01-05 00:08:21.570 filters & delay LH2:3@1,Linear all=15.000000
2015-01-05 00:08:21.570 filters & delay LDH:4@1,Linear all=15.000000
2015-01-05 00:08:21.570 [2015-01-04 12:07:25.999998] continuity found: 23623355
473688446.000000 Q=100

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2015-01-05 00:08:21.570 [2015-01-04 12:07:25.999998] restoring continuity  
 2015-01-05 00:08:21.570 Sending DT\_OPEN  
 2015-01-05 00:08:21.570 Station: XX-2017  
 2015-01-05 00:08:21.570 Q330 Serial Number: 0100000DB18FC351  
 2015-01-05 00:08:21.570 AMB Serial Number: 0100000B6909DD82  
 2015-01-05 00:08:21.570 Seismo 1 Serial Number: 0000000000000000  
 2015-01-05 00:08:21.570 Seismo 2 Serial Number: 0000000000000000  
 2015-01-05 00:08:21.570 QAPCHP 1 Serial Number: 4643206  
 2015-01-05 00:08:21.570 QAPCHP 2 Serial Number: 3743050  
 2015-01-05 00:08:21.570 KMI Property Tag Number: 2017  
 2015-01-05 00:08:21.570 System Software Version: 1.146  
 2015-01-05 00:08:21.570 Slave Processor Version: 1.11  
 2015-01-05 00:08:21.570 Calibrator Type: QCAL330  
 2015-01-05 00:08:21.570 Calibrator Version: 1.8  
 2015-01-05 00:08:21.570 Auxiliary Board Type: None  
 2015-01-05 00:08:21.570 Clock Type: Motorola M12  
 2015-01-05 00:08:21.570 PLD Version: 7.9  
 2015-01-05 00:08:21.570 Total Hours: 71716.71  
 2015-01-05 00:08:21.570 Power On Hours: 36347.10  
 2015-01-05 00:08:21.570 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-05 00:08:21.570 Total Number of Boots: 120  
 2015-01-05 00:08:21.570 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-05 00:08:21.570 Total Number of Re-Syncs: 213  
 2015-01-05 00:08:21.570 Status Inputs: 00000000  
 2015-01-05 00:08:21.570 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-01-05 00:08:21.570 Clock Quality: 100%  
 2015-01-05 00:08:21.570 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-05 00:08:21.570 Clock Phase: 0 usec. max allowed=50000  
 2015-01-05 00:08:21.570 Boom positions:  
 2015-01-05 00:08:21.570 Ch1: -2 Ch2: 1 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-05 00:08:21.570 Analog Status  
 2015-01-05 00:08:21.570 Analog Positive Supply: 5.46v  
 2015-01-05 00:08:21.570 Input Voltage: 13.20V  
 2015-01-05 00:08:21.570 System Temperature: 5C  
 2015-01-05 00:08:21.570 Main Current: 62ma  
 2015-01-05 00:08:21.570 Antenna Current: 0ma  
 2015-01-05 00:08:21.570 GPS Status  
 2015-01-05 00:08:21.570 Time: 00:08:19  
 2015-01-05 00:08:21.570 Date:  
 2015-01-05 00:08:21.570 Fix Type: 1-D  
 2015-01-05 00:08:21.570 Height:  
 2015-01-05 00:08:21.570 Latitude:  
 2015-01-05 00:08:21.570 Longitude:  
 2015-01-05 00:08:21.570 On Time: 0min  
 2015-01-05 00:08:21.570 Sat. Used: 0  
 2015-01-05 00:08:21.570 In View: 0  
 2015-01-05 00:08:21.570 Checksum Errors: 0  
 2015-01-05 00:08:21.570 Last GPS timemark: 2015-01-05 00:08:18  
 2015-01-05 00:08:21.570 PLL Status  
 2015-01-05 00:08:21.570 State: Lock  
 2015-01-05 00:08:21.570 Initial VCO: 2200.337646  
 2015-01-05 00:08:21.570 Time Error: -0.000001  
 2015-01-05 00:08:21.570 RMS VCO: 0.0000000  
 2015-01-05 00:08:21.570 Best VCO: 2200.42  
 2015-01-05 00:08:21.570 Seconds Since Track or Lock: 0.0  
 2015-01-05 00:08:21.570 Vco Control: 2201  
 2015-01-05 00:08:21.570 timing mode: external seascan  
 2015-01-05 00:08:21.570 tempco normal  
 2015-01-05 00:08:21.570 PLL update: 10s PLL lock criterion: 5us  
 2015-01-05 00:08:21.570 Pfrac: 150.00  
 2015-01-05 00:08:21.570 VCO slope: -0.0175000  
 2015-01-05 00:08:21.570 VCO intercept: 7.1100001  
 2015-01-05 00:08:21.570 km delta: 600.0000000

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2015-01-05 00:08:21.570 Logical Port 4 Status
2015-01-05 00:08:21.570 Data Packets Sent: 27271551
2015-01-05 00:08:21.570 Flood Packets Sent: 0
2015-01-05 00:08:21.570 Packets Re-Sent: 43468
2015-01-05 00:08:21.570 Sequence Errors: 0
2015-01-05 00:08:21.570 Packet Buffer Used: 22556640
2015-01-05 00:08:21.570 Physical Port: Ethernet
2015-01-05 00:08:21.570 Baler Model: 14 Software Version: 2.28
2015-01-05 00:08:21.570 MAC Address: 00:04:FB:00:02:EA
2015-01-05 00:08:21.570 Disk Size: 20000669696
2015-01-05 00:08:21.570 Percent of 1177 data files in use: 52.0
2015-01-05 00:08:21.570 Channels Enabled: 1234 Preamps ON channels:
2015-01-05 00:08:21.570 Channel Sensitivities (uV per count):
2015-01-05 00:08:21.570 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-05 00:08:21.570 Digitizer Calibration Results:
2015-01-05 00:08:21.570 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-05 00:08:21.570 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-05 00:08:21.570 DMU1 Software Version=10
2015-01-05 00:08:21.570 Supply Voltage=12.6
2015-01-05 00:08:21.570 Supply Current=0.41
2015-01-05 00:08:21.570 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-05 00:08:21.570 WebLink Data Maps Restored
2015-01-05 00:08:21.570 [2015-01-04 12:07:25.999998] sequence resumes: 23623355 to
23623355
2015-01-05 00:08:21.570 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-01-05 00:08:20
2015-01-05 00:13:54.970 [2015-01-05 00:00:00.000001] Saving Configuration to Backup
Memory
2015-01-05 00:13:54.970 Reducing Status Polling Interval
2015-01-05 00:13:54.970 [2015-01-05 00:14:02.000000] total packets received: 51765
2015-01-05 00:13:54.970 [2015-01-05 00:14:02.000000] command timeouts: 6
2015-01-05 00:13:54.970 [2015-01-05 00:14:02.000000] out of window: 61
2015-01-05 00:13:54.970 written: HHZ-1194 HH1-1390 HH2-1422 BDH-452 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-05 00:13:54.970 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-29
VMZ-2 VM1-2
2015-01-05 00:13:54.970 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-01-05 00:13:54.970 [2015-01-05 00:14:02.000000] Done: 4608 recs. seq end:
23666951. run: 337 s
2015-01-05 12:14:54.510
2015-01-05 12:14:54.510 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-05 12:14:54.510 Control Port 2491 Opened
2015-01-05 12:14:54.510 Baler ready on Ethernet
2015-01-05 12:14:54.510 Power Cycled Baler Acknowledged
2015-01-05 12:14:54.510 Commands Accepted by Q330
2015-01-05 12:14:54.510 Access timeout: 300 sec
2015-01-05 12:14:54.510 Control Port 4023 Opened
2015-01-05 12:14:54.510 Data Port 4024 Opened
2015-01-05 12:14:54.510 Registered with Q330
2015-01-05 12:14:54.510 Combination Record Received
2015-01-05 12:14:54.510 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-05 12:14:54.510 Link Reset, starting window sequence: 57429
2015-01-05 12:14:54.510 GPS Receiver ID Received
2015-01-05 12:14:54.510 Manufacturer's Data Received, Property Tag=2017
2015-01-05 12:14:54.510 Digitizer Gain & Offsets Received
2015-01-05 12:14:54.510 Msg From 192.168.200.119:Baler XX-2017 readback. 4608 recs.
seq end: 23666951
2015-01-05 12:14:54.510 Baler clock set to 2015-01-05 12:14:53
2015-01-05 12:14:54.510 Starting to Read DP Tokens
2015-01-05 12:14:54.510 DP Tokens loaded, size=1474 bytes
2015-01-05 12:14:54.510 webserver advertising 192.168.200.119:5380
2015-01-05 12:14:54.510 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-05 12:14:54.510 filters & delay HH1:2@100,Linear all=0.320000

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2015-01-05 12:14:54.510 filters & delay HH2:3@100,Linear all=0.320000
2015-01-05 12:14:54.510 filters & delay BDH:4@20,Linear all=1.650000
2015-01-05 12:14:54.510 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-05 12:14:54.510 filters & delay LH1:2@1,Linear all=15.000000
2015-01-05 12:14:54.510 filters & delay LH2:3@1,Linear all=15.000000
2015-01-05 12:14:54.510 filters & delay LDH:4@1,Linear all=15.000000
2015-01-05 12:14:54.510 [2015-01-05 00:14:02.000000] continuity found: 23666951
473732042.000000 Q=100
2015-01-05 12:14:54.510 [2015-01-05 00:14:02.000000] restoring continuity
2015-01-05 12:14:54.510 Sending DT_OPEN
2015-01-05 12:14:54.510 Station: XX-2017
2015-01-05 12:14:54.510 Q330 Serial Number: 0100000DB18FC351
2015-01-05 12:14:54.510 AMB Serial Number: 0100000B6909DD82
2015-01-05 12:14:54.510 Seismo 1 Serial Number: 0000000000000000
2015-01-05 12:14:54.510 Seismo 2 Serial Number: 0000000000000000
2015-01-05 12:14:54.510 QAPCHP 1 Serial Number: 4643206
2015-01-05 12:14:54.510 QAPCHP 2 Serial Number: 3743050
2015-01-05 12:14:54.510 KMI Property Tag Number: 2017
2015-01-05 12:14:54.510 System Software Version: 1.146
2015-01-05 12:14:54.510 Slave Processor Version: 1.11
2015-01-05 12:14:54.510 Calibrator Type: QCAL330
2015-01-05 12:14:54.510 Calibrator Version: 1.8
2015-01-05 12:14:54.510 Auxiliary Board Type: None
2015-01-05 12:14:54.510 Clock Type: Motorola M12
2015-01-05 12:14:54.510 PLD Version: 7.9
2015-01-05 12:14:54.510 Total Hours: 71728.82
2015-01-05 12:14:54.510 Power On Hours: 36359.20
2015-01-05 12:14:54.510 Time of Last Boot: 2014-04-06 02:03:58
2015-01-05 12:14:54.510 Total Number of Boots: 120
2015-01-05 12:14:54.510 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-05 12:14:54.510 Total Number of Re-Syncs: 213
2015-01-05 12:14:54.510 Status Inputs: 00000000
2015-01-05 12:14:54.510 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2015-01-05 12:14:54.510 Clock Quality: 100%
2015-01-05 12:14:54.510 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-05 12:14:54.510 Clock Phase: 0 usec. max allowed=50000
2015-01-05 12:14:54.510 Boom positions:
2015-01-05 12:14:54.510 Ch1: -2 Ch2: 1 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-05 12:14:54.510 Analog Status
2015-01-05 12:14:54.510 Analog Positive Supply: 5.46V
2015-01-05 12:14:54.510 Input Voltage: 13.20V
2015-01-05 12:14:54.510 System Temperature: 5C
2015-01-05 12:14:54.510 Main Current: 62ma
2015-01-05 12:14:54.510 Antenna Current: 0ma
2015-01-05 12:14:54.510 GPS Status
2015-01-05 12:14:54.510 Time: 12:14:53
2015-01-05 12:14:54.510 Date:
2015-01-05 12:14:54.510 Fix Type: 1-D
2015-01-05 12:14:54.510 Height:
2015-01-05 12:14:54.510 Latitude:
2015-01-05 12:14:54.510 Longitude:
2015-01-05 12:14:54.510 On Time: 0min
2015-01-05 12:14:54.510 Sat. Used: 0
2015-01-05 12:14:54.510 In View: 0
2015-01-05 12:14:54.510 Checksum Errors: 0
2015-01-05 12:14:54.510 Last GPS timemark: 2015-01-05 12:14:52
2015-01-05 12:14:54.510 PLL Status
2015-01-05 12:14:54.510 State: Lock
2015-01-05 12:14:54.510 Initial VCO: 2199.934570
2015-01-05 12:14:54.510 Time Error: 0.000000
2015-01-05 12:14:54.510 RMS VCO: 0.0000000
2015-01-05 12:14:54.510 Best VCO: 2199.70
2015-01-05 12:14:54.510 Seconds Since Track or Lock: 0.0

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2015-01-05 12:14:54.510 Vco Control: 2200
2015-01-05 12:14:54.510 timing mode: external seascan
2015-01-05 12:14:54.510 tempco normal
2015-01-05 12:14:54.510 PLL update: 10s PLL lock criterion: 5us
2015-01-05 12:14:54.510 Pfrac: 150.00
2015-01-05 12:14:54.510 VCO slope: -0.0175000
2015-01-05 12:14:54.510 VCO intercept: 7.1100001
2015-01-05 12:14:54.510 km delta: 600.0000000
2015-01-05 12:14:54.510 Logical Port 4 Status
2015-01-05 12:14:54.510 Data Packets Sent: 27323224
2015-01-05 12:14:54.510 Flood Packets Sent: 0
2015-01-05 12:14:54.510 Sequence Errors: 0
2015-01-05 12:14:54.510 Packet Buffer Used: 22974392
2015-01-05 12:14:54.510 Physical Port: Ethernet
2015-01-05 12:14:54.510 Baler Model: 14 Software Version: 2.28
2015-01-05 12:14:54.510 MAC Address: 00:04:FB:00:02:EA
2015-01-05 12:14:54.510 Disk Size: 20000669696
2015-01-05 12:14:54.510 Percent of 1177 data files in use: 52.2
2015-01-05 12:14:54.510 Channels Enabled: 1234 Preamps ON channels:
2015-01-05 12:14:54.510 Channel Sensitivities (uV per count):
2015-01-05 12:14:54.510 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-05 12:14:54.510 Digitizer Calibration Results:
2015-01-05 12:14:54.510 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-05 12:14:54.510 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-05 12:14:54.510 DMU1 Software Version=10
2015-01-05 12:14:54.510 Supply Voltage=12.7
2015-01-05 12:14:54.510 Supply Current=0.41
2015-01-05 12:14:54.510 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-05 12:14:54.510 webLink Data Maps Restored
2015-01-05 12:14:54.510 [2015-01-05 00:14:02.000000] sequence resumes: 23666951 to
23666951
2015-01-05 12:14:54.510 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-05 12:14:53
2015-01-05 12:20:39.170 Reducing Status Polling Interval
2015-01-05 12:20:39.170 [2015-01-05 12:20:38.999998] total packets received: 54687
2015-01-05 12:20:39.170 [2015-01-05 12:20:38.999998] command timeouts: 6
2015-01-05 12:20:39.170 [2015-01-05 12:20:38.999998] out of window: 69
2015-01-05 12:20:39.170 written: HHZ-1225 HH1-1409 HH2-1470 BDH-454 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-01-05 12:20:39.170 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-33
VMZ-2 VM1-2
2015-01-05 12:20:39.170 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1
2015-01-05 12:20:39.170 [2015-01-05 12:20:38.999998] Done: 4708 recs. seq end:
23710548. run: 340 s
2015-01-06 00:21:33.490
2015-01-06 00:21:33.490 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-06 00:21:33.490 Control Port 2491 Opened
2015-01-06 00:21:33.490 Baler ready on Ethernet
2015-01-06 00:21:33.490 Power Cycled Baler Acknowledged
2015-01-06 00:21:33.490 Commands Accepted by Q330
2015-01-06 00:21:33.490 Access timeout: 300 sec
2015-01-06 00:21:33.490 Control Port 4023 Opened
2015-01-06 00:21:33.490 Data Port 4024 Opened
2015-01-06 00:21:33.490 Registered with Q330
2015-01-06 00:21:33.490 Combination Record Received
2015-01-06 00:21:33.490 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-06 00:21:33.490 Link Reset, starting window sequence: 46475
2015-01-06 00:21:33.490 GPS Receiver ID Received
2015-01-06 00:21:33.490 Manufacturer's Data Received, Property Tag=2017
2015-01-06 00:21:33.490 Digitizer Gain & Offsets Received
2015-01-06 00:21:33.490 Msg From 192.168.200.119:Baler XX-2017 readback. 4708 recs.
seq end: 23710548
2015-01-06 00:21:33.490 Baler clock set to 2015-01-06 00:21:32

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2015-01-06 00:21:33.490 Starting to Read DP Tokens
2015-01-06 00:21:33.490 DP Tokens loaded, size=1474 bytes
2015-01-06 00:21:33.490 Webserver advertising 192.168.200.119:5380
2015-01-06 00:21:33.490 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-06 00:21:33.490 filters & delay HH1:2@100,Linear all=0.320000
2015-01-06 00:21:33.490 filters & delay HH2:3@100,Linear all=0.320000
2015-01-06 00:21:33.490 filters & delay BDH:4@20,Linear all=1.650000
2015-01-06 00:21:33.490 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-06 00:21:33.490 filters & delay LH1:2@1,Linear all=15.000000
2015-01-06 00:21:33.490 filters & delay LH2:3@1,Linear all=15.000000
2015-01-06 00:21:33.490 filters & delay LDH:4@1,Linear all=15.000000
2015-01-06 00:21:33.490 [2015-01-05 12:20:38.999998] continuity found: 23710548
473775639.000000 Q=100
2015-01-06 00:21:33.490 [2015-01-05 12:20:38.999998] restoring continuity
2015-01-06 00:21:33.490 Sending DT_OPEN
2015-01-06 00:21:33.490 Station: XX-2017
2015-01-06 00:21:33.490 Q330 Serial Number: 0100000DB18FC351
2015-01-06 00:21:33.490 AMB Serial Number: 0100000B6909DD82
2015-01-06 00:21:33.490 Seismo 1 Serial Number: 0000000000000000
2015-01-06 00:21:33.490 Seismo 2 Serial Number: 0000000000000000
2015-01-06 00:21:33.490 QAPCHP 1 Serial Number: 4643206
2015-01-06 00:21:33.490 QAPCHP 2 Serial Number: 3743050
2015-01-06 00:21:33.490 KMI Property Tag Number: 2017
2015-01-06 00:21:33.490 System Software Version: 1.146
2015-01-06 00:21:33.490 Slave Processor Version: 1.11
2015-01-06 00:21:33.490 Calibrator Type: QCAL330
2015-01-06 00:21:33.490 Calibrator Version: 1.8
2015-01-06 00:21:33.490 Auxiliary Board Type: None
2015-01-06 00:21:33.490 Clock Type: Motorola M12
2015-01-06 00:21:33.490 PLD Version: 7.9
2015-01-06 00:21:33.490 Total Hours: 71740.93
2015-01-06 00:21:33.490 Power On Hours: 36371.32
2015-01-06 00:21:33.490 Time of Last Boot: 2014-04-06 02:03:58
2015-01-06 00:21:33.490 Total Number of Boots: 120
2015-01-06 00:21:33.490 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-06 00:21:33.490 Total Number of Re-Syncs: 213
2015-01-06 00:21:33.490 Status Inputs: 00000000
2015-01-06 00:21:33.490 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-06 00:21:33.490 Clock Quality: 100%
2015-01-06 00:21:33.490 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-06 00:21:33.490 Clock Phase: 1 usec. max allowed=50000
2015-01-06 00:21:33.490 Boom positions:
2015-01-06 00:21:33.490 ch1: -2 ch2: 1 ch3: 4 ch4: 20 ch5: 20 ch6: 20
2015-01-06 00:21:33.490 Analog Status
2015-01-06 00:21:33.490 Analog Positive Supply: 5.46V
2015-01-06 00:21:33.490 Input Voltage: 13.20V
2015-01-06 00:21:33.490 System Temperature: 5C
2015-01-06 00:21:33.490 Main Current: 62ma
2015-01-06 00:21:33.490 Antenna Current: 0ma
2015-01-06 00:21:33.490 GPS Status
2015-01-06 00:21:33.490 Time: 00:21:32
2015-01-06 00:21:33.490 Date:
2015-01-06 00:21:33.490 Fix Type: 1-D
2015-01-06 00:21:33.490 Height:
2015-01-06 00:21:33.490 Latitude:
2015-01-06 00:21:33.490 Longitude:
2015-01-06 00:21:33.490 On Time: 0min
2015-01-06 00:21:33.490 Sat. Used: 0
2015-01-06 00:21:33.490 In View: 0
2015-01-06 00:21:33.490 Checksum Errors: 0
2015-01-06 00:21:33.490 Last GPS timemark: 2015-01-06 00:21:31
2015-01-06 00:21:33.490 PLL Status
2015-01-06 00:21:33.490 State: Lock

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2015-01-06 00:21:33.490 Initial VCO: 2200.028564
2015-01-06 00:21:33.490 Time Error: 0.000000
2015-01-06 00:21:33.490 RMS VCO: 0.000000
2015-01-06 00:21:33.490 Best VCO: 2200.05
2015-01-06 00:21:33.490 Seconds Since Track or Lock: 0.0
2015-01-06 00:21:33.490 Vco Control: 2200
2015-01-06 00:21:33.490 timing mode: external seascan
2015-01-06 00:21:33.490 tempco normal
2015-01-06 00:21:33.490 PLL update: 10s  PLL lock criterion: 5us
2015-01-06 00:21:33.490 Pfrac: 150.00
2015-01-06 00:21:33.490 VCO slope: -0.0175000
2015-01-06 00:21:33.490 VCO intercept: 7.1100001
2015-01-06 00:21:33.490 Km delta: 600.0000000
2015-01-06 00:21:33.490 Logical Port 4 Status
2015-01-06 00:21:33.490 Data Packets Sent: 27377811
2015-01-06 00:21:33.490 Flood Packets Sent: 0
2015-01-06 00:21:33.490 Packets Re-Sent: 43629
2015-01-06 00:21:33.490 Sequence Errors: 0
2015-01-06 00:21:33.490 Packet Buffer Used: 23326548
2015-01-06 00:21:33.490 Physical Port: Ethernet
2015-01-06 00:21:33.490 Baler Model: 14  Software Version: 2.28
2015-01-06 00:21:33.490 MAC Address: 00:04:FB:00:02:EA
2015-01-06 00:21:33.490 Disk Size: 20000669696
2015-01-06 00:21:33.490 Percent of 1177 data files in use: 52.3
2015-01-06 00:21:33.490 Channels Enabled: 1234  Preamps ON channels:
2015-01-06 00:21:33.490 Channel Sensitivities (uV per count):
2015-01-06 00:21:33.490 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-06 00:21:33.490 Digitizer Calibration Results:
2015-01-06 00:21:33.490 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2015-01-06 00:21:33.490 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2015-01-06 00:21:33.490 DMU1 Software Version=10
2015-01-06 00:21:33.490 Supply Voltage=12.7
2015-01-06 00:21:33.490 Supply Current=0.41
2015-01-06 00:21:33.490 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-06 00:21:33.490 webLink Data Maps Restored
2015-01-06 00:21:33.490 [2015-01-05 12:20:38.999998] sequence resumes: 23710548 to
23710548
2015-01-06 00:21:33.490 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-06 00:21:32
2015-01-06 00:27:12.980 [2015-01-06 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-06 00:27:12.980 [2015-01-06 00:22:33.000001] total packets received: 60725
2015-01-06 00:27:12.980 [2015-01-06 00:22:33.000001] command timeouts: 6
2015-01-06 00:27:12.980 [2015-01-06 00:22:33.000001] out of window: 67
2015-01-06 00:27:12.980 written: HHZ-1245 HH1-1424 HH2-1486 BDH-452 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-06 00:27:12.980 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-28 LH2-28 LDH-37
VMZ-1 VM1-1
2015-01-06 00:27:12.980 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2015-01-06 00:27:12.980 [2015-01-06 00:22:33.000001] Done: 4766 recs. seq end:
23753862. run: 345 s
2015-01-06 12:28:17.580
2015-01-06 12:28:17.580 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-06 12:28:17.580 Control Port 2491 Opened
2015-01-06 12:28:17.580 Baler ready on Ethernet
2015-01-06 12:28:17.580 Power Cycled Baler Acknowledged
2015-01-06 12:28:17.580 Commands Accepted by Q330
2015-01-06 12:28:17.580 Access timeout: 300 sec
2015-01-06 12:28:17.580 Control Port 4023 Opened
2015-01-06 12:28:17.580 Data Port 4024 Opened
2015-01-06 12:28:17.580 Registered with Q330
2015-01-06 12:28:17.580 Combination Record Received
2015-01-06 12:28:17.580 window=4  Min. Timeout=10  Max. Timeout=30

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2015-01-06 12:28:17.580 Link Reset, starting window sequence: 41561  
 2015-01-06 12:28:17.580 GPS Receiver ID Received  
 2015-01-06 12:28:17.580 Manufacturer's Data Received, Property Tag=2017  
 2015-01-06 12:28:17.580 Digitizer Gain & Offsets Received  
 2015-01-06 12:28:17.580 Msg From 192.168.200.119:Baler XX-2017 readback. 4766 recs.  
 seq end: 23753862  
 2015-01-06 12:28:17.580 Baler clock set to 2015-01-06 12:28:16  
 2015-01-06 12:28:17.580 Starting to Read DP Tokens  
 2015-01-06 12:28:17.580 DP Tokens loaded, size=1474 bytes  
 2015-01-06 12:28:17.580 webserver advertising 192.168.200.119:5380  
 2015-01-06 12:28:17.580 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-01-06 12:28:17.580 filters & delay HH1:2@100,Linear all=0.320000  
 2015-01-06 12:28:17.580 filters & delay HH2:3@100,Linear all=0.320000  
 2015-01-06 12:28:17.580 filters & delay BDH:4@20,Linear all=1.650000  
 2015-01-06 12:28:17.580 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-01-06 12:28:17.580 filters & delay LH1:2@1,Linear all=15.000000  
 2015-01-06 12:28:17.580 filters & delay LH2:3@1,Linear all=15.000000  
 2015-01-06 12:28:17.580 filters & delay LDH:4@1,Linear all=15.000000  
 2015-01-06 12:28:17.580 [2015-01-06 00:22:33.000001] continuity found: 23753862  
 473818953.000000 Q=100  
 2015-01-06 12:28:17.580 [2015-01-06 00:22:33.000001] restoring continuity  
 2015-01-06 12:28:17.580 Sending DT\_OPEN  
 2015-01-06 12:28:17.580 Station: XX-2017  
 2015-01-06 12:28:17.580 Q330 Serial Number: 0100000DB18FC351  
 2015-01-06 12:28:17.580 AMB Serial Number: 0100000B6909DD82  
 2015-01-06 12:28:17.580 Seismo 1 Serial Number: 0000000000000000  
 2015-01-06 12:28:17.580 Seismo 2 Serial Number: 0000000000000000  
 2015-01-06 12:28:17.580 QAPCHP 1 Serial Number: 4643206  
 2015-01-06 12:28:17.580 QAPCHP 2 Serial Number: 3743050  
 2015-01-06 12:28:17.580 KMI Property Tag Number: 2017  
 2015-01-06 12:28:17.580 System Software Version: 1.146  
 2015-01-06 12:28:17.580 Slave Processor Version: 1.11  
 2015-01-06 12:28:17.580 Calibrator Version: 1.8  
 2015-01-06 12:28:17.580 Auxiliary Board Type: None  
 2015-01-06 12:28:17.580 Clock Type: Motorola M12  
 2015-01-06 12:28:17.580 PLD Version: 7.9  
 2015-01-06 12:28:17.580 Total Hours: 71753.04  
 2015-01-06 12:28:17.580 Power On Hours: 36383.43  
 2015-01-06 12:28:17.580 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-06 12:28:17.580 Total Number of Boots: 120  
 2015-01-06 12:28:17.580 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-06 12:28:17.580 Total Number of Re-Syncs: 213  
 2015-01-06 12:28:17.580 Status Inputs: 00000000  
 2015-01-06 12:28:17.580 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-06 12:28:17.580 Clock Quality: 100%  
 2015-01-06 12:28:17.580 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-06 12:28:17.580 Clock Phase: 0 usec. max allowed=50000  
 2015-01-06 12:28:17.580 Boom positions:  
 2015-01-06 12:28:17.580 ch1: -2 ch2: 0 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2015-01-06 12:28:17.580 Analog Status  
 2015-01-06 12:28:17.580 Analog Positive Supply: 5.46V  
 2015-01-06 12:28:17.580 Input Voltage: 13.20V  
 2015-01-06 12:28:17.580 System Temperature: 5C  
 2015-01-06 12:28:17.580 Main Current: 62ma  
 2015-01-06 12:28:17.580 Antenna Current: 0ma  
 2015-01-06 12:28:17.580 GPS Status  
 2015-01-06 12:28:17.580 Time: 12:28:16  
 2015-01-06 12:28:17.580 Date:  
 2015-01-06 12:28:17.580 Fix Type: 1-D  
 2015-01-06 12:28:17.580 Height:  
 2015-01-06 12:28:17.580 Latitude:  
 2015-01-06 12:28:17.580 Longitude:  
 2015-01-06 12:28:17.580 On Time: 0min

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2015-01-06 12:28:17.580 Sat. Used: 0  
 2015-01-06 12:28:17.580 In View: 0  
 2015-01-06 12:28:17.580 Checksum Errors: 0  
 2015-01-06 12:28:17.580 Last GPS timemark: 2015-01-06 12:28:15  
 2015-01-06 12:28:17.580 PLL Status  
 2015-01-06 12:28:17.580 State: Lock  
 2015-01-06 12:28:17.580 Initial VCO: 2200.000000  
 2015-01-06 12:28:17.580 Time Error: 0.000000  
 2015-01-06 12:28:17.580 RMS VCO: 0.000000  
 2015-01-06 12:28:17.580 Best VCO: 2200.00  
 2015-01-06 12:28:17.580 Seconds Since Track or Lock: 0.0  
 2015-01-06 12:28:17.580 Vco Control: 2200  
 2015-01-06 12:28:17.580 timing mode: external seascan  
 2015-01-06 12:28:17.580 tempco normal  
 2015-01-06 12:28:17.580 PLL update: 10s PLL lock criterion: 5us  
 2015-01-06 12:28:17.580 Pfrac: 150.00  
 2015-01-06 12:28:17.580 VCO slope: -0.0175000  
 2015-01-06 12:28:17.580 VCO intercept: 7.1100001  
 2015-01-06 12:28:17.580 Km delta: 600.0000000  
 2015-01-06 12:28:17.580 Logical Port 4 Status  
 2015-01-06 12:28:17.580 Data Packets Sent: 27438438  
 2015-01-06 12:28:17.580 Flood Packets Sent: 0  
 2015-01-06 12:28:17.580 Packets Re-Sent: 43715  
 2015-01-06 12:28:17.580 Sequence Errors: 0  
 2015-01-06 12:28:17.580 Packet Buffer Used: 22215288  
 2015-01-06 12:28:17.580 Physical Port: Ethernet  
 2015-01-06 12:28:17.580 Baler Model: 14 Software Version: 2.28  
 2015-01-06 12:28:17.580 MAC Address: 00:04:FB:00:02:EA  
 2015-01-06 12:28:17.580 Disk Size: 20000669696  
 2015-01-06 12:28:17.580 Percent of 1177 data files in use: 52.4  
 2015-01-06 12:28:17.580 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-06 12:28:17.580 Channel Sensitivities (uV per count):  
 2015-01-06 12:28:17.580 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-06 12:28:17.580 Digitizer Calibration Results:  
 2015-01-06 12:28:17.580 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-06 12:28:17.580 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-06 12:28:17.580 DMU1 Software Version=10  
 2015-01-06 12:28:17.580 Supply Voltage=12.6  
 2015-01-06 12:28:17.580 Supply Current=0.41  
 2015-01-06 12:28:17.580 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-06 12:28:17.580 webLink Data Maps Restored  
 2015-01-06 12:28:17.580 [2015-01-06 00:22:33.000001] sequence resumes: 23753862 to  
 23753862  
 2015-01-06 12:28:17.580 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-06 12:28:16  
 2015-01-06 12:33:47.680 [2015-01-06 12:23:52.000000] total packets received: 45918  
 2015-01-06 12:33:47.680 [2015-01-06 12:23:52.000000] command timeouts: 6  
 2015-01-06 12:33:47.680 [2015-01-06 12:23:52.000000] out of window: 61  
 2015-01-06 12:33:47.680 written: HHZ-1148 HH1-1348 HH2-1372 BDH-446 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-01-06 12:33:47.680 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-26 LDH-34  
 VMZ-2 VM1-2  
 2015-01-06 12:33:47.680 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2015-01-06 12:33:47.680 [2015-01-06 12:23:52.000000] Done: 4468 recs. seq end:  
 23797141. run: 325 s  
 2015-01-07 00:34:41.560  
 2015-01-07 00:34:41.560 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-07 00:34:41.560 Control Port 2491 Opened  
 2015-01-07 00:34:41.560 Baler ready on Ethernet  
 2015-01-07 00:34:41.560 Power Cycled Baler Acknowledged  
 2015-01-07 00:34:41.560 Commands Accepted by Q330  
 2015-01-07 00:34:41.560 Access timeout: 300 sec  
 2015-01-07 00:34:41.560 Control Port 4023 Opened

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2015-01-07 00:34:41.560 Data Port 4024 Opened
2015-01-07 00:34:41.560 Registered with Q330
2015-01-07 00:34:41.560 Combination Record Received
2015-01-07 00:34:41.560 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-07 00:34:41.560 Link Reset, starting window sequence: 21847
2015-01-07 00:34:41.560 GPS Receiver ID Received
2015-01-07 00:34:41.560 Manufacturer's Data Received, Property Tag=2017
2015-01-07 00:34:41.560 Digitizer Gain & Offsets Received
2015-01-07 00:34:41.560 Msg From 192.168.200.119:Baler XX-2017 readback. 4468 recs.
seq end: 23797141
2015-01-07 00:34:41.560 Baler clock set to 2015-01-07 00:34:40
2015-01-07 00:34:41.560 Starting to Read DP Tokens
2015-01-07 00:34:41.560 DP Tokens loaded, size=1474 bytes
2015-01-07 00:34:41.560 Webserver advertising 192.168.200.119:5380
2015-01-07 00:34:41.560 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-07 00:34:41.560 filters & delay HH1:2@100,Linear all=0.320000
2015-01-07 00:34:41.560 filters & delay HH2:3@100,Linear all=0.320000
2015-01-07 00:34:41.560 filters & delay BDH:4@20,Linear all=1.650000
2015-01-07 00:34:41.560 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-07 00:34:41.560 filters & delay LH1:2@1,Linear all=15.000000
2015-01-07 00:34:41.560 filters & delay LH2:3@1,Linear all=15.000000
2015-01-07 00:34:41.560 filters & delay LDH:4@1,Linear all=15.000000
2015-01-07 00:34:41.560 [2015-01-06 12:23:52.000000] continuity found: 23797141
473862232.000000 Q=100
2015-01-07 00:34:41.560 [2015-01-06 12:23:52.000000] restoring continuity
2015-01-07 00:34:41.560 Sending DT_OPEN
2015-01-07 00:34:41.560 Station: XX-2017
2015-01-07 00:34:41.560 Q330 Serial Number: 0100000DB18FC351
2015-01-07 00:34:41.560 AMB Serial Number: 0100000B6909DD82
2015-01-07 00:34:41.560 Seismo 1 Serial Number: 0000000000000000
2015-01-07 00:34:41.560 Seismo 2 Serial Number: 0000000000000000
2015-01-07 00:34:41.560 QAPCHP 1 Serial Number: 4643206
2015-01-07 00:34:41.560 QAPCHP 2 Serial Number: 3743050
2015-01-07 00:34:41.560 KMI Property Tag Number: 2017
2015-01-07 00:34:41.560 System Software Version: 1.146
2015-01-07 00:34:41.560 Slave Processor Version: 1.11
2015-01-07 00:34:41.560 Calibrator Type: QCAL330
2015-01-07 00:34:41.560 Calibrator Version: 1.8
2015-01-07 00:34:41.560 Auxiliary Board Type: None
2015-01-07 00:34:41.560 Clock Type: Motorola M12
2015-01-07 00:34:41.560 PLD Version: 7.9
2015-01-07 00:34:41.560 Total Hours: 71765.15
2015-01-07 00:34:41.560 Power On Hours: 36395.54
2015-01-07 00:34:41.560 Time of Last Boot: 2014-04-06 02:03:58
2015-01-07 00:34:41.560 Total Number of Boots: 120
2015-01-07 00:34:41.560 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-07 00:34:41.560 Total Number of Re-Syncs: 213
2015-01-07 00:34:41.560 Status Inputs: 00000000
2015-01-07 00:34:41.560 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-07 00:34:41.560 Clock Quality: 100%
2015-01-07 00:34:41.560 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-07 00:34:41.560 Clock Phase: 0 usec. max allowed=50000
2015-01-07 00:34:41.560 Boom positions:
2015-01-07 00:34:41.560 Ch1: -2 Ch2: -4 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-07 00:34:41.560 Analog Status
2015-01-07 00:34:41.560 Analog Positive Supply: 5.46V
2015-01-07 00:34:41.560 Input Voltage: 13.35V
2015-01-07 00:34:41.560 System Temperature: 5C
2015-01-07 00:34:41.560 Main Current: 62ma
2015-01-07 00:34:41.560 Antenna Current: 0ma
2015-01-07 00:34:41.560 GPS Status
2015-01-07 00:34:41.560 Time: 00:34:40
2015-01-07 00:34:41.560 Date:

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2015-01-07 00:34:41.560 Fix Type: 1-D  
 2015-01-07 00:34:41.560 Height:  
 2015-01-07 00:34:41.560 Latitude:  
 2015-01-07 00:34:41.560 Longitude:  
 2015-01-07 00:34:41.560 On Time: 0min  
 2015-01-07 00:34:41.560 Sat. Used: 0  
 2015-01-07 00:34:41.560 In View: 0  
 2015-01-07 00:34:41.560 Checksum Errors: 0  
 2015-01-07 00:34:41.560 Last GPS timemark: 2015-01-07 00:34:39  
 2015-01-07 00:34:41.560 PLL Status  
 2015-01-07 00:34:41.560 State: Lock  
 2015-01-07 00:34:41.560 Initial VCO: 2200.899414  
 2015-01-07 00:34:41.560 Time Error: 0.000000  
 2015-01-07 00:34:41.560 RMS VCO: 0.000000  
 2015-01-07 00:34:41.560 Best VCO: 2201.10  
 2015-01-07 00:34:41.560 Seconds Since Track or Lock: 0.0  
 2015-01-07 00:34:41.560 Vco Control: 2200  
 2015-01-07 00:34:41.560 timing mode: external seascan  
 2015-01-07 00:34:41.560 tempco normal  
 2015-01-07 00:34:41.560 PLL update: 10s PLL lock criterion: 5us  
 2015-01-07 00:34:41.560 Pfrac: 150.00  
 2015-01-07 00:34:41.560 VCO slope: -0.0175000  
 2015-01-07 00:34:41.560 VCO intercept: 7.1100001  
 2015-01-07 00:34:41.560 km delta: 600.0000000  
 2015-01-07 00:34:41.560 Logical Port 4 Status  
 2015-01-07 00:34:41.560 Data Packets Sent: 27484265  
 2015-01-07 00:34:41.560 Flood Packets Sent: 0  
 2015-01-07 00:34:41.560 Packets Re-Sent: 43799  
 2015-01-07 00:34:41.560 Sequence Errors: 0  
 2015-01-07 00:34:41.560 Packet Buffer Used: 22362436  
 2015-01-07 00:34:41.560 Physical Port: Ethernet  
 2015-01-07 00:34:41.560 Baler Model: 14 Software Version: 2.28  
 2015-01-07 00:34:41.560 MAC Address: 00:04:FB:00:02:EA  
 2015-01-07 00:34:41.560 Disk Size: 20000669696  
 2015-01-07 00:34:41.560 Percent of 1177 data files in use: 52.5  
 2015-01-07 00:34:41.560 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-07 00:34:41.560 Channel Sensitivities (uV per count):  
 2015-01-07 00:34:41.560 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-07 00:34:41.560 Digitizer Calibration Results:  
 2015-01-07 00:34:41.560 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-07 00:34:41.560 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-07 00:34:41.560 DMU1 Software Version=10  
 2015-01-07 00:34:41.560 Supply voltage=12.7  
 2015-01-07 00:34:41.560 Supply Current=0.40  
 2015-01-07 00:34:41.560 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-07 00:34:41.560 webLink Data Maps Restored  
 2015-01-07 00:34:41.560 [2015-01-06 12:23:52.000000] sequence resumes: 23797141 to  
 23797141  
 2015-01-07 00:34:41.560 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-07 00:34:40  
 2015-01-07 00:39:55.520 [2015-01-07 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2015-01-07 00:39:55.520 [2015-01-07 00:39:19.999998] total packets received: 46394  
 2015-01-07 00:39:55.520 [2015-01-07 00:39:19.999998] command timeouts: 6  
 2015-01-07 00:39:55.520 [2015-01-07 00:39:19.999998] out of window: 54  
 2015-01-07 00:39:55.520 written: HHZ-1181 HH1-1353 HH2-1410 BDH-451 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-01-07 00:39:55.520 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-31  
 VMZ-2 VM1-2  
 2015-01-07 00:39:55.520 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2  
 2015-01-07 00:39:55.520 [2015-01-07 00:39:19.999998] Done: 4548 recs. seq end:  
 23841269. run: 325 s  
 2015-01-07 12:41:05.490

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2015-01-07 12:41:05.490 Control Port 2491 Opened
2015-01-07 12:41:05.490 Baler ready on Ethernet
2015-01-07 12:41:05.490 Power Cycled Baler Acknowledged
2015-01-07 12:41:05.490 Commands Accepted by Q330
2015-01-07 12:41:05.490 Access timeout: 300 sec
2015-01-07 12:41:05.490 Control Port 4023 Opened
2015-01-07 12:41:05.490 Data Port 4024 Opened
2015-01-07 12:41:05.490 Registered with Q330
2015-01-07 12:41:05.490 Combination Record Received
2015-01-07 12:41:05.490 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-07 12:41:05.490 Link Reset, starting window sequence: 2615
2015-01-07 12:41:05.490 GPS Receiver ID Received
2015-01-07 12:41:05.490 Manufacturer's Data Received, Property Tag=2017
2015-01-07 12:41:05.490 Digitizer Gain & Offsets Received
2015-01-07 12:41:05.490 Msg From 192.168.200.119:Baler XX-2017 readback. 4548 recs.
seq end: 23841269
2015-01-07 12:41:05.490 Baler clock set to 2015-01-07 12:41:04
2015-01-07 12:41:05.490 Starting to Read DP Tokens
2015-01-07 12:41:05.490 DP Tokens loaded, size=1474 bytes
2015-01-07 12:41:05.490 webserver advertising 192.168.200.119:5380
2015-01-07 12:41:05.490 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-07 12:41:05.490 filters & delay HH1:2@100,Linear all=0.320000
2015-01-07 12:41:05.490 filters & delay HH2:3@100,Linear all=0.320000
2015-01-07 12:41:05.490 filters & delay BDH:4@20,Linear all=1.650000
2015-01-07 12:41:05.490 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-07 12:41:05.490 filters & delay LH1:2@1,Linear all=15.000000
2015-01-07 12:41:05.490 filters & delay LH2:3@1,Linear all=15.000000
2015-01-07 12:41:05.490 filters & delay LDH:4@1,Linear all=15.000000
2015-01-07 12:41:05.490 [2015-01-07 00:39:19.999998] continuity found: 23841269
473906360.000000 Q=100
2015-01-07 12:41:05.490 [2015-01-07 00:39:19.999998] restoring continuity
2015-01-07 12:41:05.490 Sending DT_OPEN
2015-01-07 12:41:05.490 Station: XX-2017
2015-01-07 12:41:05.490 Q330 Serial Number: 0100000DB18FC351
2015-01-07 12:41:05.490 AMB Serial Number: 0100000B6909DD82
2015-01-07 12:41:05.490 Seismo 1 Serial Number: 0000000000000000
2015-01-07 12:41:05.490 Seismo 2 Serial Number: 0000000000000000
2015-01-07 12:41:05.490 QAPCHP 1 Serial Number: 4643206
2015-01-07 12:41:05.490 QAPCHP 2 Serial Number: 3743050
2015-01-07 12:41:05.490 KMI Property Tag Number: 2017
2015-01-07 12:41:05.490 System Software Version: 1.146
2015-01-07 12:41:05.490 Slave Processor Version: 1.11
2015-01-07 12:41:05.490 Calibrator Type: QCAL330
2015-01-07 12:41:05.490 Calibrator Version: 1.8
2015-01-07 12:41:05.490 Auxiliary Board Type: None
2015-01-07 12:41:05.490 Clock Type: Motorola M12
2015-01-07 12:41:05.490 PLD Version: 7.9
2015-01-07 12:41:05.490 Total Hours: 71777.26
2015-01-07 12:41:05.490 Power On Hours: 36407.64
2015-01-07 12:41:05.490 Time of Last Boot: 2014-04-06 02:03:58
2015-01-07 12:41:05.490 Total Number of Boots: 120
2015-01-07 12:41:05.490 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-07 12:41:05.490 Total Number of Re-Syncs: 213
2015-01-07 12:41:05.490 Status Inputs: 00000000
2015-01-07 12:41:05.490 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-07 12:41:05.490 Clock Quality: 100%
2015-01-07 12:41:05.490 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-07 12:41:05.490 Clock Phase: 0 usec. max allowed=50000
2015-01-07 12:41:05.490 Boom positions:
2015-01-07 12:41:05.490 ch1: -2 ch2: -5 ch3: 8 ch4: 20 ch5: 20 ch6: 20
2015-01-07 12:41:05.490 Analog Status
2015-01-07 12:41:05.490 Analog Positive Supply: 5.46V
2015-01-07 12:41:05.490 Input voltage: 13.20V

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2015-01-07 12:41:05.490 System Temperature: 5C  
 2015-01-07 12:41:05.490 Main Current: 63ma  
 2015-01-07 12:41:05.490 Antenna Current: 0ma  
 2015-01-07 12:41:05.490 GPS Status  
 2015-01-07 12:41:05.490 Time: 12:41:03  
 2015-01-07 12:41:05.490 Date:  
 2015-01-07 12:41:05.490 Fix Type: 1-D  
 2015-01-07 12:41:05.490 Height:  
 2015-01-07 12:41:05.490 Latitude:  
 2015-01-07 12:41:05.490 Longitude:  
 2015-01-07 12:41:05.490 On Time: 0min  
 2015-01-07 12:41:05.490 Sat. Used: 0  
 2015-01-07 12:41:05.490 In View: 0  
 2015-01-07 12:41:05.490 Checksum Errors: 0  
 2015-01-07 12:41:05.490 Last GPS timemark: 2015-01-07 12:41:02  
 2015-01-07 12:41:05.490 PLL Status  
 2015-01-07 12:41:05.490 State: Lock  
 2015-01-07 12:41:05.490 Initial VCO: 2200.031982  
 2015-01-07 12:41:05.490 Time Error: -0.000001  
 2015-01-07 12:41:05.490 RMS VCO: 0.0000000  
 2015-01-07 12:41:05.490 Best VCO: 2200.12  
 2015-01-07 12:41:05.490 Seconds Since Track or Lock: 0.0  
 2015-01-07 12:41:05.490 Vco Control: 2200  
 2015-01-07 12:41:05.490 timing mode: external seascan  
 2015-01-07 12:41:05.490 tempco normal  
 2015-01-07 12:41:05.490 PLL update: 10s PLL lock criterion: 5us  
 2015-01-07 12:41:05.490 Pfrac: 150.00  
 2015-01-07 12:41:05.490 VCO slope: -0.0175000  
 2015-01-07 12:41:05.490 VCO intercept: 7.1100001  
 2015-01-07 12:41:05.490 km delta: 600.0000000  
 2015-01-07 12:41:05.490 Logical Port 4 Status  
 2015-01-07 12:41:05.490 Data Packets Sent: 27530575  
 2015-01-07 12:41:05.490 Flood Packets Sent: 0  
 2015-01-07 12:41:05.490 Packets Re-Sent: 43875  
 2015-01-07 12:41:05.490 Sequence Errors: 0  
 2015-01-07 12:41:05.490 Packet Buffer Used: 22492368  
 2015-01-07 12:41:05.490 Physical Port: Ethernet  
 2015-01-07 12:41:05.490 Baler Model: 14 Software Version: 2.28  
 2015-01-07 12:41:05.490 MAC Address: 00:04:FB:00:02:EA  
 2015-01-07 12:41:05.490 Disk Size: 20000669696  
 2015-01-07 12:41:05.490 Percent of 1177 data files in use: 52.6  
 2015-01-07 12:41:05.490 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-07 12:41:05.490 Channel Sensitivities (uV per count):  
 2015-01-07 12:41:05.490 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-07 12:41:05.490 Digitizer Calibration Results:  
 2015-01-07 12:41:05.490 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-07 12:41:05.490 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-07 12:41:05.490 DMU1 Software Version=10  
 2015-01-07 12:41:05.490 Supply Voltage=12.6  
 2015-01-07 12:41:05.490 Supply Current=0.41  
 2015-01-07 12:41:05.490 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-07 12:41:05.490 webLink Data Maps Restored  
 2015-01-07 12:41:05.490 [2015-01-07 00:39:19.999998] sequence resumes overlapping:  
 23841269 to 23841268  
 2015-01-07 12:41:05.490 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-07 12:41:04  
 2015-01-07 12:46:43.890 Reducing Status Polling Interval  
 2015-01-07 12:46:43.890 [2015-01-07 12:46:42.999998] total packets received: 49321  
 2015-01-07 12:46:43.890 [2015-01-07 12:46:42.999998] command timeouts: 6  
 2015-01-07 12:46:43.890 [2015-01-07 12:46:42.999998] out of window: 67  
 2015-01-07 12:46:43.890 written: HHZ-1189 HH1-1389 HH2-1414 BDH-452 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2015-01-07 12:46:43.890 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-25 LH2-26 LDH-34

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VMZ-1 VM1-1
2015-01-07 12:46:43.890 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2015-01-07 12:46:43.890 [2015-01-07 12:46:42.999998] Done: 4595 recs. seq end:
23884912. run: 334 s
2015-01-08 00:47:36.560
2015-01-08 00:47:36.560 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-08 00:47:36.560 Control Port 2491 Opened
2015-01-08 00:47:36.560 Baler ready on Ethernet
2015-01-08 00:47:36.560 Power Cycled Baler Acknowledged
2015-01-08 00:47:36.560 Commands Accepted by Q330
2015-01-08 00:47:36.560 Access timeout: 300 sec
2015-01-08 00:47:36.560 Control Port 4023 Opened
2015-01-08 00:47:36.560 Data Port 4024 Opened
2015-01-08 00:47:36.560 Registered with Q330
2015-01-08 00:47:36.560 Combination Record Received
2015-01-08 00:47:36.560 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-08 00:47:36.560 Link Reset, starting window sequence: 51833
2015-01-08 00:47:36.560 GPS Receiver ID Received
2015-01-08 00:47:36.560 Manufacturer's Data Received, Property Tag=2017
2015-01-08 00:47:36.560 Digitizer Gain & Offsets Received
2015-01-08 00:47:36.560 Msg From 192.168.200.119:Baler XX-2017 readback. 4595 recs.
seq end: 23884912
2015-01-08 00:47:36.560 Baler clock set to 2015-01-08 00:47:35
2015-01-08 00:47:36.560 Starting to Read DP Tokens
2015-01-08 00:47:36.560 DP Tokens loaded, size=1474 bytes
2015-01-08 00:47:36.560 Webserver advertising 192.168.200.119:5380
2015-01-08 00:47:36.560 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-08 00:47:36.560 filters & delay HH1:2@100,Linear all=0.320000
2015-01-08 00:47:36.560 filters & delay HH2:3@100,Linear all=0.320000
2015-01-08 00:47:36.560 filters & delay BDH:4@20,Linear all=1.650000
2015-01-08 00:47:36.560 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-08 00:47:36.560 filters & delay LH1:2@1,Linear all=15.000000
2015-01-08 00:47:36.560 filters & delay LH2:3@1,Linear all=15.000000
2015-01-08 00:47:36.560 filters & delay LDH:4@1,Linear all=15.000000
2015-01-08 00:47:36.560 [2015-01-07 12:46:42.999998] continuity found: 23884912
473950003.000000 Q=100
2015-01-08 00:47:36.560 [2015-01-07 12:46:42.999998] restoring continuity
2015-01-08 00:47:36.560 Sending DT_OPEN
2015-01-08 00:47:36.560 Station: XX-2017
2015-01-08 00:47:36.560 Q330 Serial Number: 0100000DB18FC351
2015-01-08 00:47:36.560 AMB Serial Number: 0100000B6909DD82
2015-01-08 00:47:36.560 Seismo 1 Serial Number: 0000000000000000
2015-01-08 00:47:36.560 Seismo 2 Serial Number: 0000000000000000
2015-01-08 00:47:36.560 QAPCHP 1 Serial Number: 4643206
2015-01-08 00:47:36.560 QAPCHP 2 Serial Number: 3743050
2015-01-08 00:47:36.560 KMI Property Tag Number: 2017
2015-01-08 00:47:36.560 System Software Version: 1.146
2015-01-08 00:47:36.560 Slave Processor Version: 1.11
2015-01-08 00:47:36.560 Calibrator Type: QCAL330
2015-01-08 00:47:36.560 Calibrator Version: 1.8
2015-01-08 00:47:36.560 Auxiliary Board Type: None
2015-01-08 00:47:36.560 Clock Type: Motorola M12
2015-01-08 00:47:36.560 PLD Version: 7.9
2015-01-08 00:47:36.560 Total Hours: 71789.37
2015-01-08 00:47:36.560 Power On Hours: 36419.75
2015-01-08 00:47:36.560 Time of Last Boot: 2014-04-06 02:03:58
2015-01-08 00:47:36.560 Total Number of Boots: 120
2015-01-08 00:47:36.560 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-08 00:47:36.560 Total Number of Re-Syncs: 213
2015-01-08 00:47:36.560 Status Inputs: 00000000
2015-01-08 00:47:36.560 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-08 00:47:36.560 Clock quality: 100%
2015-01-08 00:47:36.560 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

```

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2015-01-08 00:47:36.560 Clock Phase: 0 usec. max allowed=50000  
 2015-01-08 00:47:36.560 Boom positions:  
 2015-01-08 00:47:36.560 Ch1: -2 Ch2: -6 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-08 00:47:36.560 Analog Status  
 2015-01-08 00:47:36.560 Analog Positive Supply: 5.46V  
 2015-01-08 00:47:36.560 Input Voltage: 13.20V  
 2015-01-08 00:47:36.560 System Temperature: 5C  
 2015-01-08 00:47:36.560 Main Current: 61ma  
 2015-01-08 00:47:36.560 Antenna Current: 0ma  
 2015-01-08 00:47:36.560 GPS Status  
 2015-01-08 00:47:36.560 Time: 00:47:35  
 2015-01-08 00:47:36.560 Date:  
 2015-01-08 00:47:36.560 Fix Type: 1-D  
 2015-01-08 00:47:36.560 Height:  
 2015-01-08 00:47:36.560 Latitude:  
 2015-01-08 00:47:36.560 Longitude:  
 2015-01-08 00:47:36.560 On Time: 0min  
 2015-01-08 00:47:36.560 Sat. Used: 0  
 2015-01-08 00:47:36.560 In View: 0  
 2015-01-08 00:47:36.560 Checksum Errors: 0  
 2015-01-08 00:47:36.560 Last GPS timemark: 2015-01-08 00:47:34  
 2015-01-08 00:47:36.560 PLL Status  
 2015-01-08 00:47:36.560 State: Lock  
 2015-01-08 00:47:36.560 Initial VCO: 2200.399658  
 2015-01-08 00:47:36.560 Time Error: 0.000000  
 2015-01-08 00:47:36.560 RMS VCO: 0.000000  
 2015-01-08 00:47:36.560 Best VCO: 2200.20  
 2015-01-08 00:47:36.560 Seconds Since Track or Lock: 0.0  
 2015-01-08 00:47:36.560 timing mode: external seascan  
 2015-01-08 00:47:36.560 tempco normal  
 2015-01-08 00:47:36.560 PLL update: 10s PLL lock criterion: 5us  
 2015-01-08 00:47:36.560 Pfrac: 150.00  
 2015-01-08 00:47:36.560 VCO slope: -0.0175000  
 2015-01-08 00:47:36.560 VCO intercept: 7.1100001  
 2015-01-08 00:47:36.560 Km delta: 600.0000000  
 2015-01-08 00:47:36.560 Logical Port 4 Status  
 2015-01-08 00:47:36.560 Data Packets Sent: 27579798  
 2015-01-08 00:47:36.560 Flood Packets Sent: 0  
 2015-01-08 00:47:36.560 Packets Re-Sent: 43956  
 2015-01-08 00:47:36.560 Sequence Errors: 0  
 2015-01-08 00:47:36.560 Packet Buffer Used: 22182216  
 2015-01-08 00:47:36.560 Physical Port: Ethernet  
 2015-01-08 00:47:36.560 Baler Model: 14 Software Version: 2.28  
 2015-01-08 00:47:36.560 MAC Address: 00:04:FB:00:02:EA  
 2015-01-08 00:47:36.560 Disk Size: 20000669696  
 2015-01-08 00:47:36.560 Percent of 1177 data files in use: 52.7  
 2015-01-08 00:47:36.560 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-08 00:47:36.560 Channel Sensitivities (uV per count):  
 2015-01-08 00:47:36.560 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-08 00:47:36.560 Digitizer Calibration Results:  
 2015-01-08 00:47:36.560 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-08 00:47:36.560 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-08 00:47:36.560 DMU1 Software Version=10  
 2015-01-08 00:47:36.560 Supply Voltage=12.6  
 2015-01-08 00:47:36.560 Supply Current=0.41  
 2015-01-08 00:47:36.560 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-08 00:47:36.560 WebLink Data Maps Restored  
 2015-01-08 00:47:36.560 [2015-01-07 12:46:42.999998] sequence resumes: 23884912 to  
 23884912  
 2015-01-08 00:47:36.560 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-08 00:47:35  
 2015-01-08 00:51:21.370 Reducing Status Polling Interval  
 2015-01-08 00:52:49.420 [2015-01-08 00:00:00.000000] Saving Configuration to Backup



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Memory

```

2015-01-08 00:52:49.420 [2015-01-08 00:53:09.999998] total packets received: 46054
2015-01-08 00:52:49.420 [2015-01-08 00:53:09.999998] command timeouts: 6
2015-01-08 00:52:49.420 [2015-01-08 00:53:09.999998] out of window: 65
2015-01-08 00:52:49.420 written: HHZ-1176 HH1-1370 HH2-1376 BDH-449 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-01-08 00:52:49.420 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-32
VMZ-2 VM1-2
2015-01-08 00:52:49.420 written: VM2-2 LOG-3 ACE-2 OCF-2
2015-01-08 00:52:49.420 [2015-01-08 00:53:09.999998] Done: 4521 recs. seq end:
23928499. run: 329 s
2015-01-08 12:54:04.550
2015-01-08 12:54:04.550 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-08 12:54:04.550 Control Port 2491 Opened
2015-01-08 12:54:04.550 Baler ready on Ethernet
2015-01-08 12:54:04.550 Power Cycled Baler Acknowledged
2015-01-08 12:54:04.550 Commands Accepted by Q330
2015-01-08 12:54:04.550 Access timeout: 300 sec
2015-01-08 12:54:04.550 Control Port 4023 Opened
2015-01-08 12:54:04.550 Data Port 4024 Opened
2015-01-08 12:54:04.550 Registered with Q330
2015-01-08 12:54:04.550 Combination Record Received
2015-01-08 12:54:04.550 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-08 12:54:04.550 Link Reset, starting window sequence: 32234
2015-01-08 12:54:04.550 GPS Receiver ID Received
2015-01-08 12:54:04.550 Manufacturer's Data Received, Property Tag=2017
2015-01-08 12:54:04.550 Digitizer Gain & Offsets Received
2015-01-08 12:54:04.550 Msg From 192.168.200.119:Baler XX-2017 readback. 4521 recs.
seq end: 23928499
2015-01-08 12:54:04.550 Baler clock set to 2015-01-08 12:54:03
2015-01-08 12:54:04.550 Starting to Read DP Tokens
2015-01-08 12:54:04.550 DP Tokens loaded, size=1474 bytes
2015-01-08 12:54:04.550 Webserver advertising 192.168.200.119:5380
2015-01-08 12:54:04.550 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-08 12:54:04.550 filters & delay HH1:2@100,Linear all=0.320000
2015-01-08 12:54:04.550 filters & delay HH2:3@100,Linear all=0.320000
2015-01-08 12:54:04.550 filters & delay BDH:4@20,Linear all=1.650000
2015-01-08 12:54:04.550 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-08 12:54:04.550 filters & delay LH1:2@1,Linear all=15.000000
2015-01-08 12:54:04.550 filters & delay LH2:3@1,Linear all=15.000000
2015-01-08 12:54:04.550 filters & delay LDH:4@1,Linear all=15.000000
2015-01-08 12:54:04.550 [2015-01-08 00:53:09.999998] continuity found: 23928499
473993590.000000 Q=100
2015-01-08 12:54:04.550 [2015-01-08 00:53:09.999998] restoring continuity
2015-01-08 12:54:04.550 Sending DT_OPEN
2015-01-08 12:54:04.550 Station: XX-2017
2015-01-08 12:54:04.550 Q330 Serial Number: 0100000DB18FC351
2015-01-08 12:54:04.550 AMB Serial Number: 0100000B6909DD82
2015-01-08 12:54:04.550 Seismo 1 Serial Number: 0000000000000000
2015-01-08 12:54:04.550 Seismo 2 Serial Number: 0000000000000000
2015-01-08 12:54:04.550 QAPCHP 1 Serial Number: 4643206
2015-01-08 12:54:04.550 QAPCHP 2 Serial Number: 3743050
2015-01-08 12:54:04.550 KMI Property Tag Number: 2017
2015-01-08 12:54:04.550 System Software Version: 1.146
2015-01-08 12:54:04.550 Slave Processor Version: 1.11
2015-01-08 12:54:04.550 Calibrator Type: QCAL330
2015-01-08 12:54:04.550 Calibrator Version: 1.8
2015-01-08 12:54:04.550 Auxiliary Board Type: None
2015-01-08 12:54:04.550 Clock Type: Motorola M12
2015-01-08 12:54:04.550 PLD Version: 7.9
2015-01-08 12:54:04.550 Total Hours: 71801.47
2015-01-08 12:54:04.550 Power On Hours: 36431.86
2015-01-08 12:54:04.550 Time of Last Boot: 2014-04-06 02:03:58

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2015-01-08 12:54:04.550 Total Number of Boots: 120  
 2015-01-08 12:54:04.550 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-08 12:54:04.550 Total Number of Re-Syncs: 213  
 2015-01-08 12:54:04.550 Status Inputs: 00000000  
 2015-01-08 12:54:04.550 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-08 12:54:04.550 Clock Quality: 100%  
 2015-01-08 12:54:04.550 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-08 12:54:04.550 Clock Phase: 0 usec. max allowed=50000  
 2015-01-08 12:54:04.550 Boom positions:  
 2015-01-08 12:54:04.550 Ch1: -2 Ch2: -6 Ch3: 10 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-08 12:54:04.550 Analog Status  
 2015-01-08 12:54:04.550 Analog Positive Supply: 5.46V  
 2015-01-08 12:54:04.550 Input Voltage: 13.20V  
 2015-01-08 12:54:04.550 System Temperature: 5C  
 2015-01-08 12:54:04.550 Main Current: 61ma  
 2015-01-08 12:54:04.550 Antenna Current: 0ma  
 2015-01-08 12:54:04.550 GPS Status  
 2015-01-08 12:54:04.550 Time: 12:54:03  
 2015-01-08 12:54:04.550 Date:  
 2015-01-08 12:54:04.550 Fix Type: 1-D  
 2015-01-08 12:54:04.550 Height:  
 2015-01-08 12:54:04.550 Latitude:  
 2015-01-08 12:54:04.550 Longitude:  
 2015-01-08 12:54:04.550 On Time: 0min  
 2015-01-08 12:54:04.550 Sat. Used: 0  
 2015-01-08 12:54:04.550 In View: 0  
 2015-01-08 12:54:04.550 Checksum Errors: 0  
 2015-01-08 12:54:04.550 Last GPS timemark: 2015-01-08 12:54:02  
 2015-01-08 12:54:04.550 PLL Status  
 2015-01-08 12:54:04.550 State: Lock  
 2015-01-08 12:54:04.550 Initial VCO: 2200.601563  
 2015-01-08 12:54:04.550 Time Error: 0.000000  
 2015-01-08 12:54:04.550 RMS VCO: 0.0000000  
 2015-01-08 12:54:04.550 Best VCO: 2200.61  
 2015-01-08 12:54:04.550 Seconds Since Track or Lock: 0.0  
 2015-01-08 12:54:04.550 Vco Control: 2201  
 2015-01-08 12:54:04.550 timing mode: external seascan  
 2015-01-08 12:54:04.550 tempco normal  
 2015-01-08 12:54:04.550 PLL update: 10s PLL lock criterion: 5us  
 2015-01-08 12:54:04.550 Pfrac: 150.00  
 2015-01-08 12:54:04.550 VCO slope: -0.0175000  
 2015-01-08 12:54:04.550 VCO intercept: 7.1100001  
 2015-01-08 12:54:04.550 km delta: 600.0000000  
 2015-01-08 12:54:04.550 Logical Port 4 Status  
 2015-01-08 12:54:04.550 Data Packets Sent: 27625740  
 2015-01-08 12:54:04.550 Flood Packets Sent: 0  
 2015-01-08 12:54:04.550 Packets Re-Sent: 44043  
 2015-01-08 12:54:04.550 Sequence Errors: 0  
 2015-01-08 12:54:04.550 Packet Buffer Used: 22779872  
 2015-01-08 12:54:04.550 Physical Port: Ethernet  
 2015-01-08 12:54:04.550 Baler Model: 14 Software Version: 2.28  
 2015-01-08 12:54:04.550 MAC Address: 00:04:FB:00:02:EA  
 2015-01-08 12:54:04.550 Disk Size: 20000669696  
 2015-01-08 12:54:04.550 Percent of 1177 data files in use: 52.7  
 2015-01-08 12:54:04.550 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-08 12:54:04.550 Channel Sensitivities (uV per count):  
 2015-01-08 12:54:04.550 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-08 12:54:04.550 Digitizer Calibration Results:  
 2015-01-08 12:54:04.550 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-08 12:54:04.550 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-08 12:54:04.550 DMU1 Software Version=10  
 2015-01-08 12:54:04.550 Supply Voltage=12.6  
 2015-01-08 12:54:04.550 Supply Current=0.41

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2015-01-08 12:54:04.550 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-08 12:54:04.550 WebLink Data Maps Restored  
 2015-01-08 12:54:04.550 [2015-01-08 00:53:09.999998] sequence resumes: 23928499 to 23928499  
 2015-01-08 12:54:04.550 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-08 12:54:03  
 2015-01-08 12:59:44.210 Reducing Status Polling Interval  
 2015-01-08 12:59:44.210 [2015-01-08 12:59:42.999998] total packets received: 50065  
 2015-01-08 12:59:44.210 [2015-01-08 12:59:42.999998] command timeouts: 6  
 2015-01-08 12:59:44.210 [2015-01-08 12:59:42.999998] out of window: 59  
 2015-01-08 12:59:44.210 written: HHZ-1214 HH1-1413 HH2-1430 BDH-455 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-01-08 12:59:44.210 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-26 LDH-37  
 VMZ-2 VM1-2  
 2015-01-08 12:59:44.210 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2015-01-08 12:59:44.210 [2015-01-08 12:59:42.999998] Done: 4672 recs. seq end: 23972092. run: 335 s  
 2015-01-09 01:00:38.530  
 2015-01-09 01:00:38.530 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-09 01:00:38.530 Control Port 2491 Opened  
 2015-01-09 01:00:38.530 Baler ready on Ethernet  
 2015-01-09 01:00:38.530 Power Cycled Baler Acknowledged  
 2015-01-09 01:00:38.530 Commands Accepted by Q330  
 2015-01-09 01:00:38.530 Access timeout: 300 sec  
 2015-01-09 01:00:38.530 Control Port 4023 Opened  
 2015-01-09 01:00:38.530 Data Port 4024 Opened  
 2015-01-09 01:00:38.530 Registered with Q330  
 2015-01-09 01:00:38.530 Combination Record Received  
 2015-01-09 01:00:38.530 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-09 01:00:38.530 Link Reset, starting window sequence: 16668  
 2015-01-09 01:00:38.530 GPS Receiver ID Received  
 2015-01-09 01:00:38.530 Manufacturer's Data Received, Property Tag=2017  
 2015-01-09 01:00:38.530 Digitizer Gain & Offsets Received  
 2015-01-09 01:00:38.530 Msg From 192.168.200.119:Baler XX-2017 readback. 4672 recs. seq end: 23972092  
 2015-01-09 01:00:38.530 Baler clock set to 2015-01-09 01:00:37  
 2015-01-09 01:00:38.530 Starting to Read DP Tokens  
 2015-01-09 01:00:38.530 DP Tokens loaded, size=1474 bytes  
 2015-01-09 01:00:38.530 Webserver advertising 192.168.200.119:5380  
 2015-01-09 01:00:38.530 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-01-09 01:00:38.530 filters & delay HH1:2@100,Linear all=0.320000  
 2015-01-09 01:00:38.530 filters & delay HH2:3@100,Linear all=0.320000  
 2015-01-09 01:00:38.530 filters & delay BDH:4@20,Linear all=1.650000  
 2015-01-09 01:00:38.530 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-01-09 01:00:38.530 filters & delay LH1:2@1,Linear all=15.000000  
 2015-01-09 01:00:38.530 filters & delay LH2:3@1,Linear all=15.000000  
 2015-01-09 01:00:38.530 filters & delay LDH:4@1,Linear all=15.000000  
 2015-01-09 01:00:38.530 [2015-01-08 12:59:42.999998] continuity found: 23972092  
 474037183.000000 Q=100  
 2015-01-09 01:00:38.530 [2015-01-08 12:59:42.999998] restoring continuity  
 2015-01-09 01:00:38.530 Station: XX-2017  
 2015-01-09 01:00:38.530 Q330 Serial Number: 0100000DB18FC351  
 2015-01-09 01:00:38.530 AMB Serial Number: 0100000B6909DD82  
 2015-01-09 01:00:38.530 Seismo 1 Serial Number: 0000000000000000  
 2015-01-09 01:00:38.530 Seismo 2 Serial Number: 0000000000000000  
 2015-01-09 01:00:38.530 QAPCHP 1 Serial Number: 4643206  
 2015-01-09 01:00:38.530 QAPCHP 2 Serial Number: 3743050  
 2015-01-09 01:00:38.530 KMI Property Tag Number: 2017  
 2015-01-09 01:00:38.530 System Software Version: 1.146  
 2015-01-09 01:00:38.530 Slave Processor Version: 1.11  
 2015-01-09 01:00:38.530 Calibrator Type: QCAL330  
 2015-01-09 01:00:38.530 Calibrator Version: 1.8  
 2015-01-09 01:00:38.530 Auxiliary Board Type: None

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2015-01-09 01:00:38.530 Clock Type: Motorola M12  
 2015-01-09 01:00:38.530 PLD Version: 7.9  
 2015-01-09 01:00:38.530 Total Hours: 71813.58  
 2015-01-09 01:00:38.530 Power On Hours: 36443.97  
 2015-01-09 01:00:38.530 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-09 01:00:38.530 Total Number of Boots: 120  
 2015-01-09 01:00:38.530 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-09 01:00:38.530 Total Number of Re-Syncs: 213  
 2015-01-09 01:00:38.530 Status Inputs: 00000000  
 2015-01-09 01:00:38.530 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-09 01:00:38.530 Clock Quality: 100%  
 2015-01-09 01:00:38.530 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-09 01:00:38.530 Clock Phase: 0 usec. max allowed=50000  
 2015-01-09 01:00:38.530 Boom positions:  
 2015-01-09 01:00:38.530 ch1: -2 ch2: -7 ch3: 12 ch4: 20 ch5: 20 ch6: 20  
 2015-01-09 01:00:38.530 Analog Status  
 2015-01-09 01:00:38.530 Analog Positive Supply: 5.46V  
 2015-01-09 01:00:38.530 Input Voltage: 13.20V  
 2015-01-09 01:00:38.530 System Temperature: 5C  
 2015-01-09 01:00:38.530 Main Current: 62ma  
 2015-01-09 01:00:38.530 Antenna Current: 0ma  
 2015-01-09 01:00:38.530 GPS Status  
 2015-01-09 01:00:38.530 Time: 01:00:37  
 2015-01-09 01:00:38.530 Date:  
 2015-01-09 01:00:38.530 Fix Type: 1-D  
 2015-01-09 01:00:38.530 Height:  
 2015-01-09 01:00:38.530 Latitude:  
 2015-01-09 01:00:38.530 Longitude:  
 2015-01-09 01:00:38.530 On Time: 0min  
 2015-01-09 01:00:38.530 Sat. Used: 0  
 2015-01-09 01:00:38.530 In View: 0  
 2015-01-09 01:00:38.530 Checksum Errors: 0  
 2015-01-09 01:00:38.530 Last GPS timemark: 2015-01-09 01:00:36  
 2015-01-09 01:00:38.530 PLL Status  
 2015-01-09 01:00:38.530 State: Lock  
 2015-01-09 01:00:38.530 Initial VCO: 2200.686768  
 2015-01-09 01:00:38.530 Time Error: 0.000000  
 2015-01-09 01:00:38.530 RMS VCO: 0.000000  
 2015-01-09 01:00:38.530 Best VCO: 2200.98  
 2015-01-09 01:00:38.530 Seconds Since Track or Lock: 0.0  
 2015-01-09 01:00:38.530 Vco Control: 2200  
 2015-01-09 01:00:38.530 timing mode: external seascan  
 2015-01-09 01:00:38.530 tempco normal  
 2015-01-09 01:00:38.530 PLL update: 10s PLL lock criterion: 5us  
 2015-01-09 01:00:38.530 Pfrac: 150.00  
 2015-01-09 01:00:38.530 VCO slope: -0.0175000  
 2015-01-09 01:00:38.530 VCO intercept: 7.1100001  
 2015-01-09 01:00:38.530 Km delta: 600.0000000  
 2015-01-09 01:00:38.530 Logical Port 4 Status  
 2015-01-09 01:00:38.530 Data Packets Sent: 27675715  
 2015-01-09 01:00:38.530 Flood Packets Sent: 0  
 2015-01-09 01:00:38.530 Packets Re-Sent: 44121  
 2015-01-09 01:00:38.530 Sequence Errors: 0  
 2015-01-09 01:00:38.530 Packet Buffer Used: 22052640  
 2015-01-09 01:00:38.530 Physical Port: Ethernet  
 2015-01-09 01:00:38.530 Baler Model: 14 Software Version: 2.28  
 2015-01-09 01:00:38.530 MAC Address: 00:04:FB:00:02:EA  
 2015-01-09 01:00:38.530 Disk Size: 20000669696  
 2015-01-09 01:00:38.530 Percent of 1177 data files in use: 52.8  
 2015-01-09 01:00:38.530 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-09 01:00:38.530 Channel Sensitivities (uV per count):  
 2015-01-09 01:00:38.530 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-09 01:00:38.530 Digitizer Calibration Results:

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2015-01-09 01:00:38.530 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-09 01:00:38.530 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-09 01:00:38.530 DMU1 Software Version=10
2015-01-09 01:00:38.530 Supply Voltage=12.7
2015-01-09 01:00:38.530 Supply Current=0.41
2015-01-09 01:00:38.530 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-09 01:00:38.530 WebLink Data Maps Restored
2015-01-09 01:00:38.530 [2015-01-08 12:59:42.999998] sequence resumes: 23972092 to
23972092
2015-01-09 01:00:38.530 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-09 01:00:37
2015-01-09 01:05:30.960 [2015-01-09 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-09 01:05:30.960 Reducing Status Polling Interval
2015-01-09 01:05:30.960 [2015-01-09 01:06:05.999998] total packets received: 45111
2015-01-09 01:05:30.960 [2015-01-09 01:06:05.999998] command timeouts: 6
2015-01-09 01:05:30.960 [2015-01-09 01:06:05.999998] out of window: 58
2015-01-09 01:05:30.960 written: HHZ-1153 HH1-1366 HH2-1368 BDH-453 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-09 01:05:30.960 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-32
VMZ-1 VM1-1
2015-01-09 01:05:30.960 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2015-01-09 01:05:30.960 [2015-01-09 01:06:05.999998] Done: 4484 recs. seq end:
24015675. run: 323 s
2015-01-09 13:06:58.560
2015-01-09 13:06:58.560 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-09 13:06:58.560 Control Port 2491 Opened
2015-01-09 13:06:58.560 Baler ready on Ethernet
2015-01-09 13:06:58.560 Power Cycled Baler Acknowledged
2015-01-09 13:06:58.560 Commands Accepted by Q330
2015-01-09 13:06:58.560 Access timeout: 300 sec
2015-01-09 13:06:58.560 Control Port 4023 Opened
2015-01-09 13:06:58.560 Data Port 4024 Opened
2015-01-09 13:06:58.560 Registered with Q330
2015-01-09 13:06:58.560 Combination Record Received
2015-01-09 13:06:58.560 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-09 13:06:58.560 Link Reset, starting window sequence: 61686
2015-01-09 13:06:58.560 GPS Receiver ID Received
2015-01-09 13:06:58.560 Manufacturer's Data Received, Property Tag=2017
2015-01-09 13:06:58.560 Digitizer Gain & Offsets Received
2015-01-09 13:06:58.560 Msg From 192.168.200.119:Baler XX-2017 readback. 4484 recs.
seq end: 24015675
2015-01-09 13:06:58.560 Baler clock set to 2015-01-09 13:06:57
2015-01-09 13:06:58.560 Starting to Read DP Tokens
2015-01-09 13:06:58.560 DP Tokens loaded, size=1474 bytes
2015-01-09 13:06:58.560 webserver advertising 192.168.200.119:5380
2015-01-09 13:06:58.560 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-09 13:06:58.560 filters & delay HH1:2@100,Linear all=0.320000
2015-01-09 13:06:58.560 filters & delay HH2:3@100,Linear all=0.320000
2015-01-09 13:06:58.560 filters & delay BDH:4@20,Linear all=1.650000
2015-01-09 13:06:58.560 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-09 13:06:58.560 filters & delay LH1:2@1,Linear all=15.000000
2015-01-09 13:06:58.560 filters & delay LH2:3@1,Linear all=15.000000
2015-01-09 13:06:58.560 filters & delay LDH:4@1,Linear all=15.000000
2015-01-09 13:06:58.560 [2015-01-09 01:06:05.999998] continuity found: 24015675
474080766.000000 Q=100
2015-01-09 13:06:58.560 [2015-01-09 01:06:05.999998] restoring continuity
2015-01-09 13:06:58.560 Sending DT_OPEN
2015-01-09 13:06:58.560 Station: XX-2017
2015-01-09 13:06:58.560 Q330 Serial Number: 0100000DB18FC351
2015-01-09 13:06:58.560 AMB Serial Number: 0100000B6909DD82
2015-01-09 13:06:58.560 Seismo 1 Serial Number: 0000000000000000
2015-01-09 13:06:58.560 Seismo 2 Serial Number: 0000000000000000

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2015-01-09 13:06:58.560 QAPCHP 1 Serial Number: 4643206  
 2015-01-09 13:06:58.560 QAPCHP 2 Serial Number: 3743050  
 2015-01-09 13:06:58.560 KMI Property Tag Number: 2017  
 2015-01-09 13:06:58.560 System Software Version: 1.146  
 2015-01-09 13:06:58.560 Slave Processor Version: 1.11  
 2015-01-09 13:06:58.560 Calibrator Type: QCAL330  
 2015-01-09 13:06:58.560 Calibrator Version: 1.8  
 2015-01-09 13:06:58.560 Auxiliary Board Type: None  
 2015-01-09 13:06:58.560 Clock Type: Motorola M12  
 2015-01-09 13:06:58.560 PLD Version: 7.9  
 2015-01-09 13:06:58.560 Total Hours: 71825.69  
 2015-01-09 13:06:58.560 Power On Hours: 36456.07  
 2015-01-09 13:06:58.560 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-09 13:06:58.560 Total Number of Boots: 120  
 2015-01-09 13:06:58.560 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-09 13:06:58.560 Total Number of Re-Syncs: 213  
 2015-01-09 13:06:58.560 Status Inputs: 00000000  
 2015-01-09 13:06:58.560 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-09 13:06:58.560 Clock Quality: 100%  
 2015-01-09 13:06:58.560 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-09 13:06:58.560 Clock Phase: -2 usec. max allowed=50000  
 2015-01-09 13:06:58.560 Boom positions:  
 2015-01-09 13:06:58.560 ch1: -2 ch2: -8 ch3: 12 ch4: 20 ch5: 20 ch6: 20  
 2015-01-09 13:06:58.560 Analog Status  
 2015-01-09 13:06:58.560 Analog Positive Supply: 5.46V  
 2015-01-09 13:06:58.560 Input Voltage: 13.35V  
 2015-01-09 13:06:58.560 System Temperature: 5C  
 2015-01-09 13:06:58.560 Main Current: 61ma  
 2015-01-09 13:06:58.560 Antenna Current: 0ma  
 2015-01-09 13:06:58.560 GPS Status  
 2015-01-09 13:06:58.560 Time: 13:06:58  
 2015-01-09 13:06:58.560 Date:  
 2015-01-09 13:06:58.560 Fix Type: 1-D  
 2015-01-09 13:06:58.560 Height:  
 2015-01-09 13:06:58.560 Latitude:  
 2015-01-09 13:06:58.560 Longitude:  
 2015-01-09 13:06:58.560 On Time: 0min  
 2015-01-09 13:06:58.560 Sat. Used: 0  
 2015-01-09 13:06:58.560 In View: 0  
 2015-01-09 13:06:58.560 Checksum Errors: 0  
 2015-01-09 13:06:58.560 Last GPS timemark: 2015-01-09 13:06:57  
 2015-01-09 13:06:58.560 PLL Status  
 2015-01-09 13:06:58.560 State: Lock  
 2015-01-09 13:06:58.560 Initial VCO: 2200.989746  
 2015-01-09 13:06:58.560 Time Error: 0.000000  
 2015-01-09 13:06:58.560 RMS VCO: 0.0000000  
 2015-01-09 13:06:58.560 Best VCO: 2200.99  
 2015-01-09 13:06:58.560 Seconds Since Track or Lock: 0.0  
 2015-01-09 13:06:58.560 Vco Control: 2201  
 2015-01-09 13:06:58.560 timing mode: external seascan  
 2015-01-09 13:06:58.560 tempco normal  
 2015-01-09 13:06:58.560 PLL update: 10s PLL lock criterion: 5us  
 2015-01-09 13:06:58.560 Pfrac: 150.00  
 2015-01-09 13:06:58.560 VCO slope: -0.0175000  
 2015-01-09 13:06:58.560 VCO intercept: 7.1100001  
 2015-01-09 13:06:58.560 km delta: 600.0000000  
 2015-01-09 13:06:58.560 Logical Port 4 Status  
 2015-01-09 13:06:58.560 Data Packets Sent: 27720738  
 2015-01-09 13:06:58.560 Flood Packets Sent: 0  
 2015-01-09 13:06:58.560 Packets Re-Sent: 44195  
 2015-01-09 13:06:58.560 Sequence Errors: 0  
 2015-01-09 13:06:58.560 Packet Buffer Used: 21371616  
 2015-01-09 13:06:58.560 Physical Port: Ethernet

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2015-01-09 13:06:58.560 Baler Model: 14 Software Version: 2.28
2015-01-09 13:06:58.560 MAC Address: 00:04:FB:00:02:EA
2015-01-09 13:06:58.560 Disk Size: 2000669696
2015-01-09 13:06:58.560 Percent of 1177 data files in use: 52.9
2015-01-09 13:06:58.560 Channels Enabled: 1234 Preamps ON channels:
2015-01-09 13:06:58.560 Channel Sensitivities (uV per count):
2015-01-09 13:06:58.560 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-09 13:06:58.560 Digitizer Calibration Results:
2015-01-09 13:06:58.560 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-09 13:06:58.560 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-09 13:06:58.560 DMU1 Software Version=10
2015-01-09 13:06:58.560 Supply Voltage=12.7
2015-01-09 13:06:58.560 Supply Current=0.40
2015-01-09 13:06:58.560 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-09 13:06:58.560 WebLink Data Maps Restored
2015-01-09 13:06:58.560 [2015-01-09 01:06:05.999998] sequence resumes: 24015675 to
24015675
2015-01-09 13:06:58.560 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-09 13:06:57
2015-01-09 13:12:21.910 [2015-01-09 13:12:22.000000] total packets received: 44249
2015-01-09 13:12:21.910 [2015-01-09 13:12:22.000000] command timeouts: 6
2015-01-09 13:12:21.910 [2015-01-09 13:12:22.000000] out of window: 68
2015-01-09 13:12:21.910 written: HHZ-1118 HH1-1294 HH2-1316 BDH-445 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-09 13:12:21.910 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-27
VMZ-2 VM1-2
2015-01-09 13:12:21.910 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-09 13:12:21.910 [2015-01-09 13:12:22.000000] Done: 4319 recs. seq end:
24059251. run: 319 s
2015-01-10 01:13:15.570
2015-01-10 01:13:15.570 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-10 01:13:15.570 Control Port 2491 Opened
2015-01-10 01:13:15.570 Baler ready on Ethernet
2015-01-10 01:13:15.570 Power Cycled Baler Acknowledged
2015-01-10 01:13:15.570 Commands Accepted by Q330
2015-01-10 01:13:15.570 Access timeout: 300 sec
2015-01-10 01:13:15.570 Control Port 4023 Opened
2015-01-10 01:13:15.570 Data Port 4024 Opened
2015-01-10 01:13:15.570 Registered with Q330
2015-01-10 01:13:15.570 Combination Record Received
2015-01-10 01:13:15.570 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-10 01:13:15.570 Link Reset, starting window sequence: 40296
2015-01-10 01:13:15.570 GPS Receiver ID Received
2015-01-10 01:13:15.570 Manufacturer's Data Received, Property Tag=2017
2015-01-10 01:13:15.570 Digitizer Gain & Offsets Received
2015-01-10 01:13:15.570 Msg From 192.168.200.119:Baler XX-2017 readback. 4319 recs.
seq end: 24059251
2015-01-10 01:13:15.570 Baler clock set to 2015-01-10 01:13:14
2015-01-10 01:13:15.570 Starting to Read DP Tokens
2015-01-10 01:13:15.570 DP Tokens loaded, size=1474 bytes
2015-01-10 01:13:15.570 Webserver advertising 192.168.200.119:5380
2015-01-10 01:13:15.570 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-10 01:13:15.570 filters & delay HH1:2@100,Linear all=0.320000
2015-01-10 01:13:15.570 filters & delay HH2:3@100,Linear all=0.320000
2015-01-10 01:13:15.570 filters & delay BDH:4@20,Linear all=1.650000
2015-01-10 01:13:15.570 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-10 01:13:15.570 filters & delay LH1:2@1,Linear all=15.000000
2015-01-10 01:13:15.570 filters & delay LH2:3@1,Linear all=15.000000
2015-01-10 01:13:15.570 filters & delay LDH:4@1,Linear all=15.000000
2015-01-10 01:13:15.570 [2015-01-09 13:12:22.000000] continuity found: 24059251
474124342.000000 Q=100
2015-01-10 01:13:15.570 [2015-01-09 13:12:22.000000] restoring continuity
2015-01-10 01:13:15.570 Sending DT_OPEN

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2015-01-10 01:13:15.570 Station: XX-2017  
 2015-01-10 01:13:15.570 Q330 Serial Number: 0100000DB18FC351  
 2015-01-10 01:13:15.570 AMB Serial Number: 0100000B6909DD82  
 2015-01-10 01:13:15.570 Seismo 1 Serial Number: 0000000000000000  
 2015-01-10 01:13:15.570 Seismo 2 Serial Number: 0000000000000000  
 2015-01-10 01:13:15.570 QAPCHP 1 Serial Number: 4643206  
 2015-01-10 01:13:15.570 QAPCHP 2 Serial Number: 3743050  
 2015-01-10 01:13:15.570 KMI Property Tag Number: 2017  
 2015-01-10 01:13:15.570 System Software Version: 1.146  
 2015-01-10 01:13:15.570 Slave Processor Version: 1.11  
 2015-01-10 01:13:15.570 Calibrator Type: QCAL330  
 2015-01-10 01:13:15.570 Calibrator Version: 1.8  
 2015-01-10 01:13:15.570 Auxiliary Board Type: None  
 2015-01-10 01:13:15.570 Clock Type: Motorola M12  
 2015-01-10 01:13:15.570 PLD Version: 7.9  
 2015-01-10 01:13:15.570 Total Hours: 71837.79  
 2015-01-10 01:13:15.570 Power On Hours: 36468.18  
 2015-01-10 01:13:15.570 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-10 01:13:15.570 Total Number of Boots: 120  
 2015-01-10 01:13:15.570 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-10 01:13:15.570 Total Number of Re-Syncs: 213  
 2015-01-10 01:13:15.570 Status Inputs: 00000000  
 2015-01-10 01:13:15.570 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-10 01:13:15.570 Clock Quality: 100%  
 2015-01-10 01:13:15.570 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-10 01:13:15.570 Clock Phase: 0 usec. max allowed=50000  
 2015-01-10 01:13:15.570 Boom positions:  
 2015-01-10 01:13:15.570 ch1: -2 ch2: -9 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2015-01-10 01:13:15.570 Analog Status  
 2015-01-10 01:13:15.570 Analog Positive Supply: 5.46V  
 2015-01-10 01:13:15.570 Input Voltage: 13.20V  
 2015-01-10 01:13:15.570 System Temperature: 5C  
 2015-01-10 01:13:15.570 Main Current: 62ma  
 2015-01-10 01:13:15.570 Antenna Current: 0ma  
 2015-01-10 01:13:15.570 GPS Status  
 2015-01-10 01:13:15.570 Time: 01:13:14  
 2015-01-10 01:13:15.570 Date:  
 2015-01-10 01:13:15.570 Fix Type: 1-D  
 2015-01-10 01:13:15.570 Height:  
 2015-01-10 01:13:15.570 Latitude:  
 2015-01-10 01:13:15.570 Longitude:  
 2015-01-10 01:13:15.570 On Time: 0min  
 2015-01-10 01:13:15.570 Sat. Used: 0  
 2015-01-10 01:13:15.570 In View: 0  
 2015-01-10 01:13:15.570 Checksum Errors: 0  
 2015-01-10 01:13:15.570 Last GPS timemark: 2015-01-10 01:13:13  
 2015-01-10 01:13:15.570 PLL Status  
 2015-01-10 01:13:15.570 State: Lock  
 2015-01-10 01:13:15.570 Initial VCO: 2200.659912  
 2015-01-10 01:13:15.570 Time Error: -0.000001  
 2015-01-10 01:13:15.570 RMS VCO: 0.0000000  
 2015-01-10 01:13:15.570 Best VCO: 2200.93  
 2015-01-10 01:13:15.570 Seconds Since Track or Lock: 0.0  
 2015-01-10 01:13:15.570 Vco Control: 2201  
 2015-01-10 01:13:15.570 timing mode: external seascan  
 2015-01-10 01:13:15.570 tempco normal  
 2015-01-10 01:13:15.570 PLL update: 10s PLL lock criterion: 5us  
 2015-01-10 01:13:15.570 Pfrac: 150.00  
 2015-01-10 01:13:15.570 VCO slope: -0.0175000  
 2015-01-10 01:13:15.570 VCO intercept: 7.1100001  
 2015-01-10 01:13:15.570 km delta: 600.0000000  
 2015-01-10 01:13:15.570 Logical Port 4 Status  
 2015-01-10 01:13:15.570 Data Packets Sent: 27764889



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2015-01-10 01:13:15.570 Flood Packets Sent: 0
2015-01-10 01:13:15.570 Packets Re-Sent: 44275
2015-01-10 01:13:15.570 Sequence Errors: 0
2015-01-10 01:13:15.570 Packet Buffer Used: 22516320
2015-01-10 01:13:15.570 Physical Port: Ethernet
2015-01-10 01:13:15.570 Baler Model: 14 Software Version: 2.28
2015-01-10 01:13:15.570 MAC Address: 00:04:FB:00:02:EA
2015-01-10 01:13:15.570 Disk Size: 20000669696
2015-01-10 01:13:15.570 Percent of 1177 data files in use: 52.9
2015-01-10 01:13:15.570 Channels Enabled: 1234 Preamps ON channels:
2015-01-10 01:13:15.570 Channel Sensitivities (uV per count):
2015-01-10 01:13:15.570 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-10 01:13:15.570 Digitizer Calibration Results:
2015-01-10 01:13:15.570 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-10 01:13:15.570 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-10 01:13:15.570 DMU1 Software Version=10
2015-01-10 01:13:15.570 Supply Voltage=12.7
2015-01-10 01:13:15.570 Supply Current=0.41
2015-01-10 01:13:15.570 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-10 01:13:15.570 webLink Data Maps Restored
2015-01-10 01:13:15.570 [2015-01-09 13:12:22.000000] sequence resumes: 24059251 to
24059251
2015-01-10 01:13:15.570 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-10 01:13:14
2015-01-10 01:18:08.000 [2015-01-10 00:00:00.000000] saving Configuration to Backup
Memory
2015-01-10 01:18:08.000 [2015-01-10 01:10:09.000000] total packets received: 47528
2015-01-10 01:18:08.000 [2015-01-10 01:10:09.000000] command timeouts: 6
2015-01-10 01:18:08.000 [2015-01-10 01:10:09.000000] out of window: 60
2015-01-10 01:18:08.000 written: HHZ-1181 HH1-1372 HH2-1396 BDH-446 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-01-10 01:18:08.000 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-30
VMZ-2 VM1-2
2015-01-10 01:18:08.000 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-01-10 01:18:08.000 [2015-01-10 01:10:09.000000] Done: 4543 recs. seq end:
24102318. run: 325 s
2015-01-10 13:19:39.560
2015-01-10 13:19:39.560 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-10 13:19:39.560 Control Port 2491 Opened
2015-01-10 13:19:39.560 Baler ready on Ethernet
2015-01-10 13:19:39.560 Power Cycled Baler Acknowledged
2015-01-10 13:19:39.560 Commands Accepted by Q330
2015-01-10 13:19:39.560 Access timeout: 300 sec
2015-01-10 13:19:39.560 Control Port 4023 Opened
2015-01-10 13:19:39.560 Data Port 4024 Opened
2015-01-10 13:19:39.560 Registered with Q330
2015-01-10 13:19:39.560 Combination Record Received
2015-01-10 13:19:39.560 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-10 13:19:39.560 Link Reset, starting window sequence: 22192
2015-01-10 13:19:39.560 GPS Receiver ID Received
2015-01-10 13:19:39.560 Manufacturer's Data Received, Property Tag=2017
2015-01-10 13:19:39.560 Digitizer Gain & Offsets Received
2015-01-10 13:19:39.560 Msg From 192.168.200.119:Baler XX-2017 readback. 4543 recs.
seq end: 24102318
2015-01-10 13:19:39.560 Baler clock set to 2015-01-10 13:19:38
2015-01-10 13:19:39.560 Starting to Read DP Tokens
2015-01-10 13:19:39.560 DP Tokens loaded, size=1474 bytes
2015-01-10 13:19:39.560 webserver advertising 192.168.200.119:5380
2015-01-10 13:19:39.560 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-10 13:19:39.560 filters & delay HH1:2@100,Linear all=0.320000
2015-01-10 13:19:39.560 filters & delay HH2:3@100,Linear all=0.320000
2015-01-10 13:19:39.560 filters & delay BDH:4@20,Linear all=1.650000
2015-01-10 13:19:39.560 filters & delay LHZ:1@1,Linear all=15.000000

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2015-01-10 13:19:39.560 filters & delay LH1:2@1,Linear all=15.000000
2015-01-10 13:19:39.560 filters & delay LH2:3@1,Linear all=15.000000
2015-01-10 13:19:39.560 filters & delay LDH:4@1,Linear all=15.000000
2015-01-10 13:19:39.560 [2015-01-10 01:10:09.000000] continuity found: 24102318
474167409.000000 Q=100
2015-01-10 13:19:39.560 [2015-01-10 01:10:09.000000] restoring continuity
2015-01-10 13:19:39.560 Sending DT_OPEN
2015-01-10 13:19:39.560 Station: XX-2017
2015-01-10 13:19:39.560 Q330 Serial Number: 0100000DB18FC351
2015-01-10 13:19:39.560 AMB Serial Number: 0100000B6909DD82
2015-01-10 13:19:39.560 Seismo 1 Serial Number: 0000000000000000
2015-01-10 13:19:39.560 Seismo 2 Serial Number: 0000000000000000
2015-01-10 13:19:39.560 QAPCHP 1 Serial Number: 4643206
2015-01-10 13:19:39.560 QAPCHP 2 Serial Number: 3743050
2015-01-10 13:19:39.560 KMI Property Tag Number: 2017
2015-01-10 13:19:39.560 System Software Version: 1.146
2015-01-10 13:19:39.560 Slave Processor Version: 1.11
2015-01-10 13:19:39.560 Calibrator Type: QCAL330
2015-01-10 13:19:39.560 Calibrator Version: 1.8
2015-01-10 13:19:39.560 Auxiliary Board Type: None
2015-01-10 13:19:39.560 Clock Type: Motorola M12
2015-01-10 13:19:39.560 PLD Version: 7.9
2015-01-10 13:19:39.560 Total Hours: 71849.90
2015-01-10 13:19:39.560 Power On Hours: 36480.29
2015-01-10 13:19:39.560 Time of Last Boot: 2014-04-06 02:03:58
2015-01-10 13:19:39.560 Total Number of Boots: 120
2015-01-10 13:19:39.560 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-10 13:19:39.560 Total Number of Re-Syncs: 213
2015-01-10 13:19:39.560 Status Inputs: 00000000
2015-01-10 13:19:39.560 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-10 13:19:39.560 Clock Quality: 100%
2015-01-10 13:19:39.560 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-10 13:19:39.560 Clock Phase: 1 usec. max allowed=50000
2015-01-10 13:19:39.560 Boom positions:
2015-01-10 13:19:39.560 Ch1: -2 Ch2: -9 Ch3: 14 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-10 13:19:39.560 Analog Status
2015-01-10 13:19:39.560 Analog Positive Supply: 5.46V
2015-01-10 13:19:39.560 Input Voltage: 13.35V
2015-01-10 13:19:39.560 System Temperature: 5C
2015-01-10 13:19:39.560 Main Current: 61ma
2015-01-10 13:19:39.560 Antenna Current: 0ma
2015-01-10 13:19:39.560 Time: 13:19:38
2015-01-10 13:19:39.560 Date:
2015-01-10 13:19:39.560 Fix Type: 1-D
2015-01-10 13:19:39.560 Height:
2015-01-10 13:19:39.560 Latitude:
2015-01-10 13:19:39.560 Longitude:
2015-01-10 13:19:39.560 On Time: 0min
2015-01-10 13:19:39.560 Sat. Used: 0
2015-01-10 13:19:39.560 In View: 0
2015-01-10 13:19:39.560 Checksum Errors: 0
2015-01-10 13:19:39.560 Last GPS timemark: 2015-01-10 13:19:37
2015-01-10 13:19:39.560 PLL Status
2015-01-10 13:19:39.560 State: Lock
2015-01-10 13:19:39.560 Initial VCO: 2201.249512
2015-01-10 13:19:39.560 Time Error: -0.000001
2015-01-10 13:19:39.560 RMS VCO: 0.0000000
2015-01-10 13:19:39.560 Best VCO: 2201.27
2015-01-10 13:19:39.560 Seconds Since Track or Lock: 0.0
2015-01-10 13:19:39.560 Vco Control: 2201
2015-01-10 13:19:39.560 timing mode: external seascan
2015-01-10 13:19:39.560 tempco normal
2015-01-10 13:19:39.560 PLL update: 10s PLL lock criterion: 5us

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2015-01-10 13:19:39.560 Pfrac: 150.00  
 2015-01-10 13:19:39.560 VCO slope: -0.0175000  
 2015-01-10 13:19:39.560 VCO intercept: 7.1100001  
 2015-01-10 13:19:39.560 km delta: 600.0000000  
 2015-01-10 13:19:39.560 Logical Port 4 Status  
 2015-01-10 13:19:39.560 Data Packets Sent: 27812327  
 2015-01-10 13:19:39.560 Flood Packets Sent: 0  
 2015-01-10 13:19:39.560 Packets Re-Sent: 44355  
 2015-01-10 13:19:39.560 Sequence Errors: 0  
 2015-01-10 13:19:39.560 Packet Buffer Used: 22938276  
 2015-01-10 13:19:39.560 Physical Port: Ethernet  
 2015-01-10 13:19:39.560 Baler Model: 14 Software Version: 2.28  
 2015-01-10 13:19:39.560 MAC Address: 00:04:FB:00:02:EA  
 2015-01-10 13:19:39.560 Disk Size: 20000669696  
 2015-01-10 13:19:39.560 Percent of 1177 data files in use: 53.2  
 2015-01-10 13:19:39.560 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-10 13:19:39.560 Channel Sensitivities (uV per count):  
 2015-01-10 13:19:39.560 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-10 13:19:39.560 Digitizer Calibration Results:  
 2015-01-10 13:19:39.560 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-10 13:19:39.560 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-10 13:19:39.560 DMU1 Software Version=10  
 2015-01-10 13:19:39.560 Supply Voltage=12.7  
 2015-01-10 13:19:39.560 Supply Current=0.41  
 2015-01-10 13:19:39.560 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-10 13:19:39.560 webLink Data Maps Restored  
 2015-01-10 13:19:39.560 [2015-01-10 01:10:09.000000] sequence resumes: 24102318 to  
 24102318  
 2015-01-10 13:19:39.560 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-10 13:19:38  
 2015-01-10 13:25:28.500 [2015-01-10 13:25:27.999998] total packets received: 56243  
 2015-01-10 13:25:28.500 [2015-01-10 13:25:27.999998] command timeouts: 6  
 2015-01-10 13:25:28.500 [2015-01-10 13:25:27.999998] out of window: 61  
 2015-01-10 13:25:28.500 written: HHZ-1232 HH1-1408 HH2-1437 BDH-456 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-01-10 13:25:28.500 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-29  
 VMZ-1 VM1-1  
 2015-01-10 13:25:28.500 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-01-10 13:25:28.500 [2015-01-10 13:25:27.999998] Done: 4672 recs. seq end:  
 24146437. run: 345 s  
 2015-01-11 01:26:22.540  
 2015-01-11 01:26:22.540 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-11 01:26:22.540 Control Port 2491 Opened  
 2015-01-11 01:26:22.540 Baler ready on Ethernet  
 2015-01-11 01:26:22.540 Power Cycled Baler Acknowledged  
 2015-01-11 01:26:22.540 Commands Accepted by Q330  
 2015-01-11 01:26:22.540 Access timeout: 300 sec  
 2015-01-11 01:26:22.540 Control Port 4023 Opened  
 2015-01-11 01:26:22.540 Data Port 4024 Opened  
 2015-01-11 01:26:22.540 Registered with Q330  
 2015-01-11 01:26:22.540 Combination Record Received  
 2015-01-11 01:26:22.540 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-11 01:26:22.540 Link Reset, starting window sequence: 12802  
 2015-01-11 01:26:22.540 GPS Receiver ID Received  
 2015-01-11 01:26:22.540 Manufacturer's Data Received, Property Tag=2017  
 2015-01-11 01:26:22.540 Digitizer Gain & Offsets Received  
 2015-01-11 01:26:22.540 Msg From 192.168.200.119:Baler XX-2017 readback. 4672 recs.  
 seq end: 24146437  
 2015-01-11 01:26:22.540 Baler clock set to 2015-01-11 01:26:21  
 2015-01-11 01:26:22.540 Starting to Read DP Tokens  
 2015-01-11 01:26:22.540 DP Tokens loaded, size=1474 bytes  
 2015-01-11 01:26:22.540 Webserver advertising 192.168.200.119:5380  
 2015-01-11 01:26:22.540 filters & delay HHZ:1@100,Linear all=0.320000

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2015-01-11 01:26:22.540 filters & delay HH1:2@100,Linear all=0.320000
2015-01-11 01:26:22.540 filters & delay HH2:3@100,Linear all=0.320000
2015-01-11 01:26:22.540 filters & delay BDH:4@20,Linear all=1.650000
2015-01-11 01:26:22.540 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-11 01:26:22.540 filters & delay LH1:2@1,Linear all=15.000000
2015-01-11 01:26:22.540 filters & delay LH2:3@1,Linear all=15.000000
2015-01-11 01:26:22.540 filters & delay LDH:4@1,Linear all=15.000000
2015-01-11 01:26:22.540 [2015-01-10 13:25:27.999998] continuity found: 24146437
474211528.000000 Q=100
2015-01-11 01:26:22.540 [2015-01-10 13:25:27.999998] restoring continuity
2015-01-11 01:26:22.540 Sending DT_OPEN
2015-01-11 01:26:22.540 Station: XX-2017
2015-01-11 01:26:22.540 Q330 Serial Number: 0100000DB18FC351
2015-01-11 01:26:22.540 AMB Serial Number: 0100000B6909DD82
2015-01-11 01:26:22.540 Seismo 1 Serial Number: 0000000000000000
2015-01-11 01:26:22.540 Seismo 2 Serial Number: 0000000000000000
2015-01-11 01:26:22.540 QAPCHP 1 Serial Number: 4643206
2015-01-11 01:26:22.540 QAPCHP 2 Serial Number: 3743050
2015-01-11 01:26:22.540 KMI Property Tag Number: 2017
2015-01-11 01:26:22.540 System Software Version: 1.146
2015-01-11 01:26:22.540 Slave Processor Version: 1.11
2015-01-11 01:26:22.540 Calibrator Type: QCAL330
2015-01-11 01:26:22.540 Calibrator Version: 1.8
2015-01-11 01:26:22.540 Auxiliary Board Type: None
2015-01-11 01:26:22.540 Clock Type: Motorola M12
2015-01-11 01:26:22.540 PLD Version: 7.9
2015-01-11 01:26:22.540 Total Hours: 71862.01
2015-01-11 01:26:22.540 Power On Hours: 36492.40
2015-01-11 01:26:22.540 Time of Last Boot: 2014-04-06 02:03:58
2015-01-11 01:26:22.540 Total Number of Boots: 120
2015-01-11 01:26:22.540 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-11 01:26:22.540 Total Number of Re-Syncs: 213
2015-01-11 01:26:22.540 Status Inputs: 00000000
2015-01-11 01:26:22.540 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2015-01-11 01:26:22.540 Clock Quality: 100%
2015-01-11 01:26:22.540 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-11 01:26:22.540 Clock Phase: 0 usec. max allowed=50000
2015-01-11 01:26:22.540 Boom positions:
2015-01-11 01:26:22.540 Ch1: -2 ch2: -11 ch3: 15 ch4: 20 ch5: 20 ch6: 20
2015-01-11 01:26:22.540 Analog Status
2015-01-11 01:26:22.540 Analog Positive Supply: 5.46V
2015-01-11 01:26:22.540 Input Voltage: 13.20V
2015-01-11 01:26:22.540 System Temperature: 5C
2015-01-11 01:26:22.540 Main Current: 61ma
2015-01-11 01:26:22.540 Antenna Current: 0ma
2015-01-11 01:26:22.540 GPS Status
2015-01-11 01:26:22.540 Time: 01:26:21
2015-01-11 01:26:22.540 Date:
2015-01-11 01:26:22.540 Fix Type: 1-D
2015-01-11 01:26:22.540 Height:
2015-01-11 01:26:22.540 Latitude:
2015-01-11 01:26:22.540 Longitude:
2015-01-11 01:26:22.540 On Time: 0min
2015-01-11 01:26:22.540 Sat. Used: 0
2015-01-11 01:26:22.540 In View: 0
2015-01-11 01:26:22.540 Checksum Errors: 0
2015-01-11 01:26:22.540 Last GPS timemark: 2015-01-11 01:26:20
2015-01-11 01:26:22.540 PLL Status
2015-01-11 01:26:22.540 State: Lock
2015-01-11 01:26:22.540 Initial VCO: 2200.439697
2015-01-11 01:26:22.540 Time Error: 0.000000
2015-01-11 01:26:22.540 RMS VCO: 0.0000000
2015-01-11 01:26:22.540 Best VCO: 2200.64

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2015-01-11 01:26:22.540 Seconds Since Track or Lock: 0.0
2015-01-11 01:26:22.540 Vco Control: 2200
2015-01-11 01:26:22.540 timing mode: external seascan
2015-01-11 01:26:22.540 tempco normal
2015-01-11 01:26:22.540 PLL update: 10s  PLL lock criterion: 5us
2015-01-11 01:26:22.540 Pfrac: 150.00
2015-01-11 01:26:22.540 VCO slope: -0.0175000
2015-01-11 01:26:22.540 VCO intercept: 7.1100001
2015-01-11 01:26:22.540 km delta: 600.0000000
2015-01-11 01:26:22.540 Logical Port 4 Status
2015-01-11 01:26:22.540 Data Packets Sent: 27868478
2015-01-11 01:26:22.540 Flood Packets Sent: 0
2015-01-11 01:26:22.540 Packets Re-Sent: 44433
2015-01-11 01:26:22.540 Sequence Errors: 0
2015-01-11 01:26:22.540 Packet Buffer Used: 21647784
2015-01-11 01:26:22.540 Physical Port: Ethernet
2015-01-11 01:26:22.540 Baler Model: 14  Software Version: 2.28
2015-01-11 01:26:22.540 MAC Address: 00:04:FB:00:02:EA
2015-01-11 01:26:22.540 Disk Size: 20000669696
2015-01-11 01:26:22.540 Percent of 1177 data files in use: 53.3
2015-01-11 01:26:22.540 Channels Enabled: 1234  Preamps ON channels:
2015-01-11 01:26:22.540 Channel Sensitivities (uV per count):
2015-01-11 01:26:22.540 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-11 01:26:22.540 Digitizer Calibration Results:
2015-01-11 01:26:22.540 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2015-01-11 01:26:22.540 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2015-01-11 01:26:22.540 DMU1 Software Version=10
2015-01-11 01:26:22.540 Supply Voltage=12.6
2015-01-11 01:26:22.540 Supply Current=0.41
2015-01-11 01:26:22.540 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-11 01:26:22.540 webLink Data Maps Restored
2015-01-11 01:26:22.540 [2015-01-10 13:25:27.999998] sequence resumes: 24146437 to
24146437
2015-01-11 01:26:22.540 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-01-11 01:26:21
2015-01-11 01:31:02.390 [2015-01-11 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-11 01:31:02.390 Reducing Status Polling Interval
2015-01-11 01:31:02.390 [2015-01-11 01:31:46.999998] total packets received: 44066
2015-01-11 01:31:02.390 [2015-01-11 01:31:46.999998] command timeouts: 6
2015-01-11 01:31:02.390 [2015-01-11 01:31:46.999998] out of window: 70
2015-01-11 01:31:02.390 written: HHZ-1146 HH1-1309 HH2-1337 BDH-442 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-11 01:31:02.390 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2015-01-11 01:31:02.390 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-01-11 01:31:02.390 [2015-01-11 01:31:46.999998] Done: 4381 recs. seq end:
24190016. run: 321 s
2015-01-11 13:32:41.580
2015-01-11 13:32:41.580 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-11 13:32:41.580 Control Port 2491 Opened
2015-01-11 13:32:41.580 Baler ready on Ethernet
2015-01-11 13:32:41.580 Power Cycled Baler Acknowledged
2015-01-11 13:32:41.580 Commands Accepted by Q330
2015-01-11 13:32:41.580 Access timeout: 300 sec
2015-01-11 13:32:41.580 Control Port 4023 Opened
2015-01-11 13:32:41.580 Data Port 4024 Opened
2015-01-11 13:32:41.580 Registered with Q330
2015-01-11 13:32:41.580 Combination Record Received
2015-01-11 13:32:41.580 window=4  Min. Timeout=10  Max. Timeout=30
2015-01-11 13:32:41.580 Link Reset, starting window sequence: 56763
2015-01-11 13:32:41.580 GPS Receiver ID Received
2015-01-11 13:32:41.580 Manufacturer's Data Received, Property Tag=2017

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2015-01-11 13:32:41.580 Digitizer Gain & Offsets Received
2015-01-11 13:32:41.580 Msg From 192.168.200.119:Baler XX-2017 readback. 4381 recs.
seq end: 24190016
2015-01-11 13:32:41.580 Baler clock set to 2015-01-11 13:32:40
2015-01-11 13:32:41.580 Starting to Read DP Tokens
2015-01-11 13:32:41.580 DP Tokens loaded, size=1474 bytes
2015-01-11 13:32:41.580 webserver advertising 192.168.200.119:5380
2015-01-11 13:32:41.580 filters & delay HH1:2@100,Linear all=0.320000
2015-01-11 13:32:41.580 filters & delay HH2:3@100,Linear all=0.320000
2015-01-11 13:32:41.580 filters & delay BDH:4@20,Linear all=1.650000
2015-01-11 13:32:41.580 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-11 13:32:41.580 filters & delay LH1:2@1,Linear all=15.000000
2015-01-11 13:32:41.580 filters & delay LH2:3@1,Linear all=15.000000
2015-01-11 13:32:41.580 filters & delay LDH:4@1,Linear all=15.000000
2015-01-11 13:32:41.580 [2015-01-11 01:31:46.999998] continuity found: 24190016
474255107.000000 Q=100
2015-01-11 13:32:41.580 [2015-01-11 01:31:46.999998] restoring continuity
2015-01-11 13:32:41.580 Sending DT_OPEN
2015-01-11 13:32:41.580 Station: XX-2017
2015-01-11 13:32:41.580 Q330 Serial Number: 0100000DB18FC351
2015-01-11 13:32:41.580 AMB Serial Number: 0100000B6909DD82
2015-01-11 13:32:41.580 Seismo 1 Serial Number: 0000000000000000
2015-01-11 13:32:41.580 Seismo 2 Serial Number: 0000000000000000
2015-01-11 13:32:41.580 QAPCHP 1 Serial Number: 4643206
2015-01-11 13:32:41.580 QAPCHP 2 Serial Number: 3743050
2015-01-11 13:32:41.580 KMI Property Tag Number: 2017
2015-01-11 13:32:41.580 System Software Version: 1.146
2015-01-11 13:32:41.580 Slave Processor Version: 1.11
2015-01-11 13:32:41.580 Calibrator Type: QCAL330
2015-01-11 13:32:41.580 Calibrator Version: 1.8
2015-01-11 13:32:41.580 Auxiliary Board Type: None
2015-01-11 13:32:41.580 Clock Type: Motorola M12
2015-01-11 13:32:41.580 PLD Version: 7.9
2015-01-11 13:32:41.580 Total Hours: 71874.12
2015-01-11 13:32:41.580 Power On Hours: 36504.50
2015-01-11 13:32:41.580 Time of Last Boot: 2014-04-06 02:03:58
2015-01-11 13:32:41.580 Total Number of Boots: 120
2015-01-11 13:32:41.580 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-11 13:32:41.580 Total Number of Re-Syncs: 213
2015-01-11 13:32:41.580 Status Inputs: 00000000
2015-01-11 13:32:41.580 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-11 13:32:41.580 Clock Quality: 100%
2015-01-11 13:32:41.580 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-11 13:32:41.580 Clock Phase: 0 usec. max allowed=50000
2015-01-11 13:32:41.580 Boom positions:
2015-01-11 13:32:41.580 ch1: -2 ch2: -11 ch3: 16 ch4: 20 ch5: 20 ch6: 20
2015-01-11 13:32:41.580 Analog Status
2015-01-11 13:32:41.580 Analog Positive Supply: 5.46V
2015-01-11 13:32:41.580 Input Voltage: 13.35V
2015-01-11 13:32:41.580 System Temperature: 5C
2015-01-11 13:32:41.580 Main Current: 62ma
2015-01-11 13:32:41.580 Antenna Current: 0ma
2015-01-11 13:32:41.580 GPS Status
2015-01-11 13:32:41.580 Time: 13:32:40
2015-01-11 13:32:41.580 Date:
2015-01-11 13:32:41.580 Fix Type: 1-D
2015-01-11 13:32:41.580 Height:
2015-01-11 13:32:41.580 Latitude:
2015-01-11 13:32:41.580 Longitude:
2015-01-11 13:32:41.580 On Time: 0min
2015-01-11 13:32:41.580 Sat. Used: 0
2015-01-11 13:32:41.580 In View: 0
2015-01-11 13:32:41.580 Checksum Errors: 0

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2015-01-11 13:32:41.580 Last GPS timemark: 2015-01-11 13:32:39
2015-01-11 13:32:41.580 PLL Status
2015-01-11 13:32:41.580 State: Lock
2015-01-11 13:32:41.580 Initial VCO: 2200.275879
2015-01-11 13:32:41.580 Time Error: 0.000000
2015-01-11 13:32:41.580 RMS VCO: 0.000000
2015-01-11 13:32:41.580 Best VCO: 2200.21
2015-01-11 13:32:41.580 Seconds Since Track or Lock: 0.0
2015-01-11 13:32:41.580 Vco Control: 2200
2015-01-11 13:32:41.580 timing mode: external seacan
2015-01-11 13:32:41.580 tempco normal
2015-01-11 13:32:41.580 PLL update: 10s PLL lock criterion: 5us
2015-01-11 13:32:41.580 Pfrac: 150.00
2015-01-11 13:32:41.580 VCO slope: -0.0175000
2015-01-11 13:32:41.580 VCO intercept: 7.1100001
2015-01-11 13:32:41.580 km delta: 600.0000000
2015-01-11 13:32:41.580 Logical Port 4 Status
2015-01-11 13:32:41.580 Data Packets Sent: 27912444
2015-01-11 13:32:41.580 Flood Packets Sent: 0
2015-01-11 13:32:41.580 Packets Re-Sent: 44517
2015-01-11 13:32:41.580 Sequence Errors: 0
2015-01-11 13:32:41.580 Packet Buffer Used: 21239044
2015-01-11 13:32:41.580 Physical Port: Ethernet
2015-01-11 13:32:41.580 Baler Model: 14 Software Version: 2.28
2015-01-11 13:32:41.580 MAC Address: 00:04:FB:00:02:EA
2015-01-11 13:32:41.580 Disk Size: 20000669696
2015-01-11 13:32:41.580 Percent of 1177 data files in use: 53.3
2015-01-11 13:32:41.580 Channels Enabled: 1234 Preamps ON channels:
2015-01-11 13:32:41.580 Channel Sensitivities (uV per count):
2015-01-11 13:32:41.580 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-11 13:32:41.580 Digitizer Calibration Results:
2015-01-11 13:32:41.580 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-11 13:32:41.580 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-11 13:32:41.580 DMU1 Software Version=10
2015-01-11 13:32:41.580 Supply Voltage=12.7
2015-01-11 13:32:41.580 Supply Current=0.41
2015-01-11 13:32:41.580 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-11 13:32:41.580 WebLink Data Maps Restored
2015-01-11 13:32:41.580 [2015-01-11 01:31:46.999998] sequence resumes: 24190016 to
24190016
2015-01-11 13:32:41.580 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-11 13:32:40
2015-01-11 13:38:07.840 Reducing Status Polling Interval
2015-01-11 13:38:07.840 [2015-01-11 13:38:06.999998] total packets received: 45937
2015-01-11 13:38:07.840 [2015-01-11 13:38:06.999998] command timeouts: 6
2015-01-11 13:38:07.840 [2015-01-11 13:38:06.999998] out of window: 60
2015-01-11 13:38:07.840 written: HHZ-1127 HH1-1277 HH2-1304 BDH-433 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-11 13:38:07.840 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-25 LH2-24 LDH-24
VMZ-2 VM1-2
2015-01-11 13:38:07.840 written: VM2-2 LOG-2 ACE-1 OCF-1
2015-01-11 13:38:07.840 [2015-01-11 13:38:06.999998] Done: 4279 recs. seq end:
24233596. run: 322 s
2015-01-12 01:39:00.570
2015-01-12 01:39:00.570 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-12 01:39:00.570 Control Port 2491 Opened
2015-01-12 01:39:00.570 Baler ready on Ethernet
2015-01-12 01:39:00.570 Power Cycled Baler Acknowledged
2015-01-12 01:39:00.570 Commands Accepted by Q330
2015-01-12 01:39:00.570 Access timeout: 300 sec
2015-01-12 01:39:00.570 Control Port 4023 Opened
2015-01-12 01:39:00.570 Data Port 4024 Opened
2015-01-12 01:39:00.570 Registered with Q330

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2015-01-12 01:39:00.570 Combination Record Received
2015-01-12 01:39:00.570 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-12 01:39:00.570 Link Reset, starting window sequence: 37069
2015-01-12 01:39:00.570 GPS Receiver ID Received
2015-01-12 01:39:00.570 Manufacturer's Data Received, Property Tag=2017
2015-01-12 01:39:00.570 Digitizer Gain & Offsets Received
2015-01-12 01:39:00.570 Msg From 192.168.200.119: Baler XX-2017 readback. 4279 recs.
seq end: 24233596
2015-01-12 01:39:00.570 Baler clock set to 2015-01-12 01:38:59
2015-01-12 01:39:00.570 Starting to Read DP Tokens
2015-01-12 01:39:00.570 DP Tokens loaded, size=1474 bytes
2015-01-12 01:39:00.570 webserver advertising 192.168.200.119:5380
2015-01-12 01:39:00.570 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-12 01:39:00.570 filters & delay HH1:2@100,Linear all=0.320000
2015-01-12 01:39:00.570 filters & delay HH2:3@100,Linear all=0.320000
2015-01-12 01:39:00.570 filters & delay BDH:4@20,Linear all=1.650000
2015-01-12 01:39:00.570 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-12 01:39:00.570 filters & delay LH1:2@1,Linear all=15.000000
2015-01-12 01:39:00.570 filters & delay LH2:3@1,Linear all=15.000000
2015-01-12 01:39:00.570 filters & delay LDH:4@1,Linear all=15.000000
2015-01-12 01:39:00.570 [2015-01-11 13:38:06.999998] continuity found: 24233596
474298687.000000 Q=100
2015-01-12 01:39:00.570 [2015-01-11 13:38:06.999998] restoring continuity
2015-01-12 01:39:00.570 Sending DT_OPEN
2015-01-12 01:39:00.570 Station: XX-2017
2015-01-12 01:39:00.570 Q330 Serial Number: 0100000DB18FC351
2015-01-12 01:39:00.570 AMB Serial Number: 0100000B6909DD82
2015-01-12 01:39:00.570 Seismo 1 Serial Number: 0000000000000000
2015-01-12 01:39:00.570 Seismo 2 Serial Number: 0000000000000000
2015-01-12 01:39:00.570 QAPCHP 1 Serial Number: 4643206
2015-01-12 01:39:00.570 QAPCHP 2 Serial Number: 3743050
2015-01-12 01:39:00.570 KMI Property Tag Number: 2017
2015-01-12 01:39:00.570 System Software Version: 1.146
2015-01-12 01:39:00.570 Slave Processor Version: 1.11
2015-01-12 01:39:00.570 Calibrator Type: QCAL330
2015-01-12 01:39:00.570 Calibrator Version: 1.8
2015-01-12 01:39:00.570 Auxiliary Board Type: None
2015-01-12 01:39:00.570 Clock Type: Motorola M12
2015-01-12 01:39:00.570 PLD Version: 7.9
2015-01-12 01:39:00.570 Total Hours: 71886.22
2015-01-12 01:39:00.570 Power On Hours: 36516.61
2015-01-12 01:39:00.570 Time of Last Boot: 2014-04-06 02:03:58
2015-01-12 01:39:00.570 Total Number of Boots: 120
2015-01-12 01:39:00.570 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-12 01:39:00.570 Total Number of Re-Syncs: 213
2015-01-12 01:39:00.570 Status Inputs: 00000000
2015-01-12 01:39:00.570 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-12 01:39:00.570 Clock Quality: 100%
2015-01-12 01:39:00.570 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-12 01:39:00.570 Clock Phase: 0 usec. max allowed=50000
2015-01-12 01:39:00.570 Boom positions:
2015-01-12 01:39:00.570 ch1: -2 ch2: -11 ch3: 17 ch4: 20 ch5: 20 ch6: 20
2015-01-12 01:39:00.570 Analog Status
2015-01-12 01:39:00.570 Analog Positive Supply: 5.46V
2015-01-12 01:39:00.570 Input Voltage: 13.35V
2015-01-12 01:39:00.570 System Temperature: 5C
2015-01-12 01:39:00.570 Main Current: 62ma
2015-01-12 01:39:00.570 Antenna Current: 0ma
2015-01-12 01:39:00.570 GPS Status
2015-01-12 01:39:00.570 Time: 01:38:58
2015-01-12 01:39:00.570 Date:
2015-01-12 01:39:00.570 Fix Type: 1-D
2015-01-12 01:39:00.570 Height:

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2015-01-12 01:39:00.570 Latitude:  
 2015-01-12 01:39:00.570 Longitude:  
 2015-01-12 01:39:00.570 On Time: 0min  
 2015-01-12 01:39:00.570 Sat. Used: 0  
 2015-01-12 01:39:00.570 In View: 0  
 2015-01-12 01:39:00.570 Checksum Errors: 0  
 2015-01-12 01:39:00.570 Last GPS timemark: 2015-01-12 01:38:57  
 2015-01-12 01:39:00.570 PLL Status  
 2015-01-12 01:39:00.570 State: Lock  
 2015-01-12 01:39:00.570 Initial VCO: 2200.251465  
 2015-01-12 01:39:00.570 Time Error: 0.000000  
 2015-01-12 01:39:00.570 RMS VCO: 0.000000  
 2015-01-12 01:39:00.570 Best VCO: 2200.28  
 2015-01-12 01:39:00.570 Seconds Since Track or Lock: 0.0  
 2015-01-12 01:39:00.570 Vco Control: 2200  
 2015-01-12 01:39:00.570 timing mode: external seascan  
 2015-01-12 01:39:00.570 tempco normal  
 2015-01-12 01:39:00.570 PLL update: 10s PLL lock criterion: 5us  
 2015-01-12 01:39:00.570 Pfrac: 150.00  
 2015-01-12 01:39:00.570 VCO slope: -0.0175000  
 2015-01-12 01:39:00.570 VCO intercept: 7.1100001  
 2015-01-12 01:39:00.570 Km delta: 600.0000000  
 2015-01-12 01:39:00.570 Logical Port 4 Status  
 2015-01-12 01:39:00.570 Data Packets Sent: 27958291  
 2015-01-12 01:39:00.570 Flood Packets Sent: 0  
 2015-01-12 01:39:00.570 Packets Re-Sent: 44596  
 2015-01-12 01:39:00.570 Sequence Errors: 0  
 2015-01-12 01:39:00.570 Packet Buffer Used: 21016132  
 2015-01-12 01:39:00.570 Physical Port: Ethernet  
 2015-01-12 01:39:00.570 Baler Model: 14 Software Version: 2.28  
 2015-01-12 01:39:00.570 MAC Address: 00:04:FB:00:02:EA  
 2015-01-12 01:39:00.570 Disk Size: 20000669696  
 2015-01-12 01:39:00.570 Percent of 1177 data files in use: 53.4  
 2015-01-12 01:39:00.570 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-12 01:39:00.570 Channel Sensitivities (uV per count):  
 2015-01-12 01:39:00.570 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-12 01:39:00.570 Digitizer Calibration Results:  
 2015-01-12 01:39:00.570 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-12 01:39:00.570 DMU1 Software Version=10  
 2015-01-12 01:39:00.570 Supply Voltage=12.6  
 2015-01-12 01:39:00.570 Supply Current=0.41  
 2015-01-12 01:39:00.570 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-12 01:39:00.570 webLink Data Maps Restored  
 2015-01-12 01:39:00.570 [2015-01-11 13:38:06.999998] sequence resumes: 24233596 to  
 24233596  
 2015-01-12 01:39:00.570 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-12 01:38:59  
 2015-01-12 01:42:53.180 Reducing Status Polling Interval  
 2015-01-12 01:42:53.180 [2015-01-12 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-01-12 01:44:14.970 [2015-01-12 01:39:54.000000] total packets received: 44399  
 2015-01-12 01:44:14.970 [2015-01-12 01:39:54.000000] command timeouts: 6  
 2015-01-12 01:44:14.970 [2015-01-12 01:39:54.000000] out of window: 58  
 2015-01-12 01:44:14.970 written: HHZ-1089 HH1-1262 HH2-1285 BDH-424 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2015-01-12 01:44:14.970 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-23 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2015-01-12 01:44:14.970 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-01-12 01:44:14.970 [2015-01-12 01:39:54.000000] Done: 4197 recs. seq end:  
 24276903. run: 310 s  
 2015-01-12 13:45:10.550  
 2015-01-12 13:45:10.550 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-12 13:45:10.550 Control Port 2491 Opened

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2015-01-12 13:45:10.550 Baler ready on Ethernet
2015-01-12 13:45:10.550 Power Cycled Baler Acknowledged
2015-01-12 13:45:10.550 Commands Accepted by Q330
2015-01-12 13:45:10.550 Access timeout: 300 sec
2015-01-12 13:45:10.550 Control Port 4023 Opened
2015-01-12 13:45:10.550 Data Port 4024 Opened
2015-01-12 13:45:10.550 Registered with Q330
2015-01-12 13:45:10.550 Combination Record Received
2015-01-12 13:45:10.550 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-12 13:45:10.550 Link Reset, starting window sequence: 15828
2015-01-12 13:45:10.550 GPS Receiver ID Received
2015-01-12 13:45:10.550 Manufacturer's Data Received, Property Tag=2017
2015-01-12 13:45:10.550 Digitizer Gain & Offsets Received
2015-01-12 13:45:10.550 Msg From 192.168.200.119:Baler XX-2017 readback. 4197 recs.
seq end: 24276903
2015-01-12 13:45:10.550 Baler clock set to 2015-01-12 13:45:09
2015-01-12 13:45:10.550 Starting to Read DP Tokens
2015-01-12 13:45:10.550 DP Tokens loaded, size=1474 bytes
2015-01-12 13:45:10.550 webserver advertising 192.168.200.119:5380
2015-01-12 13:45:10.550 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-12 13:45:10.550 filters & delay HH1:2@100,Linear all=0.320000
2015-01-12 13:45:10.550 filters & delay HH2:3@100,Linear all=0.320000
2015-01-12 13:45:10.550 filters & delay BDH:4@20,Linear all=1.650000
2015-01-12 13:45:10.550 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-12 13:45:10.550 filters & delay LH1:2@1,Linear all=15.000000
2015-01-12 13:45:10.550 filters & delay LH2:3@1,Linear all=15.000000
2015-01-12 13:45:10.550 filters & delay LDH:4@1,Linear all=15.000000
2015-01-12 13:45:10.550 [2015-01-12 01:39:54.000000] continuity found: 24276903
474341994.000000 Q=100
2015-01-12 13:45:10.550 [2015-01-12 01:39:54.000000] restoring continuity
2015-01-12 13:45:10.550 Sending DT_OPEN
2015-01-12 13:45:10.550 Station: XX-2017
2015-01-12 13:45:10.550 Q330 Serial Number: 0100000DB18FC351
2015-01-12 13:45:10.550 AMB Serial Number: 0100000B6909DD82
2015-01-12 13:45:10.550 Seismo 1 Serial Number: 0000000000000000
2015-01-12 13:45:10.550 Seismo 2 Serial Number: 0000000000000000
2015-01-12 13:45:10.550 QAPCHP 1 Serial Number: 4643206
2015-01-12 13:45:10.550 QAPCHP 2 Serial Number: 3743050
2015-01-12 13:45:10.550 KMI Property Tag Number: 2017
2015-01-12 13:45:10.550 System Software Version: 1.146
2015-01-12 13:45:10.550 Slave Processor Version: 1.11
2015-01-12 13:45:10.550 Calibrator Type: QCAL330
2015-01-12 13:45:10.550 Calibrator Version: 1.8
2015-01-12 13:45:10.550 Auxiliary Board Type: None
2015-01-12 13:45:10.550 Clock Type: Motorola M12
2015-01-12 13:45:10.550 PLD Version: 7.9
2015-01-12 13:45:10.550 Total Hours: 71898.33
2015-01-12 13:45:10.550 Power On Hours: 36528.71
2015-01-12 13:45:10.550 Time of Last Boot: 2014-04-06 02:03:58
2015-01-12 13:45:10.550 Total Number of Boots: 120
2015-01-12 13:45:10.550 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-12 13:45:10.550 Total Number of Re-Syncs: 213
2015-01-12 13:45:10.550 Status Inputs: 00000000
2015-01-12 13:45:10.550 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-12 13:45:10.550 Clock Quality: 100%
2015-01-12 13:45:10.550 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-12 13:45:10.550 Clock Phase: 0 usec. max allowed=50000
2015-01-12 13:45:10.550 Boom positions:
2015-01-12 13:45:10.550 Ch1: -2 Ch2: -11 Ch3: 18 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-12 13:45:10.550 Analog Status
2015-01-12 13:45:10.550 Analog Positive Supply: 5.46V
2015-01-12 13:45:10.550 Input Voltage: 13.35V
2015-01-12 13:45:10.550 System Temperature: 5C

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2015-01-12 13:45:10.550 Main Current: 61ma  
 2015-01-12 13:45:10.550 Antenna Current: 0ma  
 2015-01-12 13:45:10.550 GPS Status  
 2015-01-12 13:45:10.550 Time: 13:45:09  
 2015-01-12 13:45:10.550 Date:  
 2015-01-12 13:45:10.550 Fix Type: 1-D  
 2015-01-12 13:45:10.550 Height:  
 2015-01-12 13:45:10.550 Latitude:  
 2015-01-12 13:45:10.550 Longitude:  
 2015-01-12 13:45:10.550 On Time: 0min  
 2015-01-12 13:45:10.550 Sat. Used: 0  
 2015-01-12 13:45:10.550 In View: 0  
 2015-01-12 13:45:10.550 Checksum Errors: 0  
 2015-01-12 13:45:10.550 Last GPS timemark: 2015-01-12 13:45:08  
 2015-01-12 13:45:10.550 PLL Status  
 2015-01-12 13:45:10.550 State: Lock  
 2015-01-12 13:45:10.550 Initial VCO: 2200.344727  
 2015-01-12 13:45:10.550 Time Error: 0.000000  
 2015-01-12 13:45:10.550 RMS VCO: 0.000000  
 2015-01-12 13:45:10.550 Best VCO: 2200.42  
 2015-01-12 13:45:10.550 Seconds Since Track or Lock: 0.0  
 2015-01-12 13:45:10.550 Vco Control: 2200  
 2015-01-12 13:45:10.550 timing mode: external seascan  
 2015-01-12 13:45:10.550 tempco normal  
 2015-01-12 13:45:10.550 PLL update: 10s PLL lock criterion: 5us  
 2015-01-12 13:45:10.550 Pfrac: 150.00  
 2015-01-12 13:45:10.550 VCO slope: -0.0175000  
 2015-01-12 13:45:10.550 VCO intercept: 7.1100001  
 2015-01-12 13:45:10.550 Km delta: 600.000000  
 2015-01-12 13:45:10.550 Logical Port 4 Status  
 2015-01-12 13:45:10.550 Data Packets Sent: 28002591  
 2015-01-12 13:45:10.550 Flood Packets Sent: 0  
 2015-01-12 13:45:10.550 Packets Re-Sent: 44674  
 2015-01-12 13:45:10.550 Sequence Errors: 0  
 2015-01-12 13:45:10.550 Packet Buffer Used: 21303020  
 2015-01-12 13:45:10.550 Physical Port: Ethernet  
 2015-01-12 13:45:10.550 Baler Model: 14 Software Version: 2.28  
 2015-01-12 13:45:10.550 MAC Address: 00:04:FB:00:02:EA  
 2015-01-12 13:45:10.550 Disk Size: 20000669696  
 2015-01-12 13:45:10.550 Percent of 1177 data files in use: 53.5  
 2015-01-12 13:45:10.550 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-12 13:45:10.550 Channel Sensitivities (uV per count):  
 2015-01-12 13:45:10.550 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-12 13:45:10.550 Digitizer Calibration Results:  
 2015-01-12 13:45:10.550 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-12 13:45:10.550 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-12 13:45:10.550 DMU1 Software Version=10  
 2015-01-12 13:45:10.550 Supply Voltage=12.7  
 2015-01-12 13:45:10.550 Supply Current=0.40  
 2015-01-12 13:45:10.550 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-12 13:45:10.550 WebLink Data Maps Restored  
 2015-01-12 13:45:10.550 [2015-01-12 01:39:54.000000] sequence resumes: 24276903 to  
 24276903  
 2015-01-12 13:45:10.550 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-12 13:45:09  
 2015-01-12 13:50:29.780 Reducing Status Polling Interval  
 2015-01-12 13:50:29.780 [2015-01-12 13:50:28.999998] total packets received: 44588  
 2015-01-12 13:50:29.780 [2015-01-12 13:50:28.999998] command timeouts: 6  
 2015-01-12 13:50:29.780 [2015-01-12 13:50:28.999998] out of window: 63  
 2015-01-12 13:50:29.780 written: HHZ-1135 HH1-1277 HH2-1301 BDH-433 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-01-12 13:50:29.780 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-25 LH2-24 LDH-24  
 VMZ-2 VM1-2

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2015-01-12 13:50:29.780 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-12 13:50:29.780 [2015-01-12 13:50:28.999998] Done: 4289 recs. seq end:
24320738. run: 315 s
2015-01-13 01:51:23.490
2015-01-13 01:51:23.490 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-13 01:51:23.490 Control Port 2491 Opened
2015-01-13 01:51:23.490 Baler ready on Ethernet
2015-01-13 01:51:23.490 Power Cycled Baler Acknowledged
2015-01-13 01:51:23.490 Commands Accepted by Q330
2015-01-13 01:51:23.490 Access timeout: 300 sec
2015-01-13 01:51:23.490 Control Port 4023 Opened
2015-01-13 01:51:23.490 Data Port 4024 Opened
2015-01-13 01:51:23.490 Registered with Q330
2015-01-13 01:51:23.490 Combination Record Received
2015-01-13 01:51:23.490 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-13 01:51:23.490 Link Reset, starting window sequence: 60318
2015-01-13 01:51:23.490 GPS Receiver ID Received
2015-01-13 01:51:23.490 Manufacturer's Data Received, Property Tag=2017
2015-01-13 01:51:23.490 Digitizer Gain & Offsets Received
2015-01-13 01:51:23.490 Msg From 192.168.200.119:Baler XX-2017 readback. 4289 recs.
seq end: 24320738
2015-01-13 01:51:23.490 Baler clock set to 2015-01-13 01:51:22
2015-01-13 01:51:23.490 Starting to Read DP Tokens
2015-01-13 01:51:23.490 DP Tokens loaded, size=1474 bytes
2015-01-13 01:51:23.490 webserver advertising 192.168.200.119:5380
2015-01-13 01:51:23.490 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-13 01:51:23.490 filters & delay HH1:2@100,Linear all=0.320000
2015-01-13 01:51:23.490 filters & delay HH2:3@100,Linear all=0.320000
2015-01-13 01:51:23.490 filters & delay BDH:4@20,Linear all=1.650000
2015-01-13 01:51:23.490 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-13 01:51:23.490 filters & delay LH1:2@1,Linear all=15.000000
2015-01-13 01:51:23.490 filters & delay LH2:3@1,Linear all=15.000000
2015-01-13 01:51:23.490 filters & delay LDH:4@1,Linear all=15.000000
2015-01-13 01:51:23.490 [2015-01-12 13:50:28.999998] continuity found: 24320738
474385829.000000 Q=100
2015-01-13 01:51:23.490 [2015-01-12 13:50:28.999998] restoring continuity
2015-01-13 01:51:23.490 Sending DT_OPEN
2015-01-13 01:51:23.490 Station: XX-2017
2015-01-13 01:51:23.490 Q330 Serial Number: 0100000DB18FC351
2015-01-13 01:51:23.490 AMB Serial Number: 0100000B6909DD82
2015-01-13 01:51:23.490 Seismo 1 Serial Number: 0000000000000000
2015-01-13 01:51:23.490 Seismo 2 Serial Number: 0000000000000000
2015-01-13 01:51:23.490 QAPCHP 1 Serial Number: 4643206
2015-01-13 01:51:23.490 QAPCHP 2 Serial Number: 3743050
2015-01-13 01:51:23.490 KMI Property Tag Number: 2017
2015-01-13 01:51:23.490 System Software Version: 1.146
2015-01-13 01:51:23.490 Slave Processor Version: 1.11
2015-01-13 01:51:23.490 Calibrator Type: QCAL330
2015-01-13 01:51:23.490 Calibrator Version: 1.8
2015-01-13 01:51:23.490 Auxiliary Board Type: None
2015-01-13 01:51:23.490 Clock Type: Motorola M12
2015-01-13 01:51:23.490 PLD Version: 7.9
2015-01-13 01:51:23.490 Total Hours: 71910.43
2015-01-13 01:51:23.490 Power On Hours: 36540.82
2015-01-13 01:51:23.490 Time of Last Boot: 2014-04-06 02:03:58
2015-01-13 01:51:23.490 Total Number of Boots: 120
2015-01-13 01:51:23.490 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-13 01:51:23.490 Total Number of Re-Syncs: 213
2015-01-13 01:51:23.490 Status Inputs: 00000000
2015-01-13 01:51:23.490 Clock Quality: 100%
2015-01-13 01:51:23.490 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-13 01:51:23.490 Clock Phase: 0 usec. max allowed=50000
2015-01-13 01:51:23.490 Boom positions:

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2015-01-13 01:51:23.490 Ch1: -2 Ch2: -11 Ch3: 18 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-13 01:51:23.490 Analog Status  
 2015-01-13 01:51:23.490 Analog Positive Supply: 5.46V  
 2015-01-13 01:51:23.490 Input Voltage: 13.35V  
 2015-01-13 01:51:23.490 System Temperature: 5C  
 2015-01-13 01:51:23.490 Main Current: 61ma  
 2015-01-13 01:51:23.490 Antenna Current: 0ma  
 2015-01-13 01:51:23.490 GPS Status  
 2015-01-13 01:51:23.490 Time: 01:51:22  
 2015-01-13 01:51:23.490 Date:  
 2015-01-13 01:51:23.490 Fix Type: 1-D  
 2015-01-13 01:51:23.490 Height:  
 2015-01-13 01:51:23.490 Latitude:  
 2015-01-13 01:51:23.490 Longitude:  
 2015-01-13 01:51:23.490 On Time: 0min  
 2015-01-13 01:51:23.490 Sat. Used: 0  
 2015-01-13 01:51:23.490 In View: 0  
 2015-01-13 01:51:23.490 Checksum Errors: 0  
 2015-01-13 01:51:23.490 Last GPS timemark: 2015-01-13 01:51:21  
 2015-01-13 01:51:23.490 PLL Status  
 2015-01-13 01:51:23.490 State: Lock  
 2015-01-13 01:51:23.490 Initial VCO: 2200.896484  
 2015-01-13 01:51:23.490 Time Error: 0.000000  
 2015-01-13 01:51:23.490 RMS VCO: 0.0000000  
 2015-01-13 01:51:23.490 Best VCO: 2200.90  
 2015-01-13 01:51:23.490 Seconds Since Track or Lock: 0.0  
 2015-01-13 01:51:23.490 Vco Control: 2201  
 2015-01-13 01:51:23.490 timing mode: external seascan  
 2015-01-13 01:51:23.490 tempco normal  
 2015-01-13 01:51:23.490 PLL update: 10s PLL lock criterion: 5us  
 2015-01-13 01:51:23.490 Pfrac: 150.00  
 2015-01-13 01:51:23.490 VCO slope: -0.0175000  
 2015-01-13 01:51:23.490 VCO intercept: 7.1100001  
 2015-01-13 01:51:23.490 Km delta: 600.0000000  
 2015-01-13 01:51:23.490 Logical Port 4 Status  
 2015-01-13 01:51:23.490 Data Packets Sent: 28047086  
 2015-01-13 01:51:23.490 Flood Packets Sent: 0  
 2015-01-13 01:51:23.490 Packets Re-Sent: 44751  
 2015-01-13 01:51:23.490 Sequence Errors: 0  
 2015-01-13 01:51:23.490 Packet Buffer Used: 22439208  
 2015-01-13 01:51:23.490 Physical Port: Ethernet  
 2015-01-13 01:51:23.490 Baler Model: 14 Software Version: 2.28  
 2015-01-13 01:51:23.490 MAC Address: 00:04:FB:00:02:EA  
 2015-01-13 01:51:23.490 Disk Size: 20000669696  
 2015-01-13 01:51:23.490 Percent of 1177 data files in use: 53.5  
 2015-01-13 01:51:23.490 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-13 01:51:23.490 Channel Sensitivities (uV per count):  
 2015-01-13 01:51:23.490 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-13 01:51:23.490 Digitizer Calibration Results:  
 2015-01-13 01:51:23.490 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-13 01:51:23.490 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-13 01:51:23.490 DMU1 Software Version=10  
 2015-01-13 01:51:23.490 Supply Voltage=12.7  
 2015-01-13 01:51:23.490 Supply Current=0.40  
 2015-01-13 01:51:23.490 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-13 01:51:23.490 WebLink Data Maps Restored  
 2015-01-13 01:51:23.490 [2015-01-12 13:50:28.999998] sequence resumes: 24320738 to  
 24320738  
 2015-01-13 01:51:23.490 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-13 01:51:22  
 2015-01-13 01:55:59.990 [2015-01-13 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-01-13 01:55:59.990 [2015-01-13 01:48:12.000000] total packets received: 48388

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2015-01-13 01:55:59.990 [2015-01-13 01:48:12.000000] command timeouts: 6
2015-01-13 01:55:59.990 [2015-01-13 01:48:12.000000] out of window: 51
2015-01-13 01:55:59.990 written: HHZ-1185 HH1-1386 HH2-1366 BDH-440 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-13 01:55:59.990 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-23 LH2-24 LDH-25
VMZ-2 VM1-2
2015-01-13 01:55:59.990 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-01-13 01:55:59.990 [2015-01-13 01:48:12.000000] Done: 4518 recs. seq end:
24363801. run: 325 s
2015-01-13 13:57:46.540
2015-01-13 13:57:46.540 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-13 13:57:46.540 Control Port 2491 Opened
2015-01-13 13:57:46.540 Baler ready on Ethernet
2015-01-13 13:57:46.540 Power Cycled Baler Acknowledged
2015-01-13 13:57:46.540 Commands Accepted by Q330
2015-01-13 13:57:46.540 Access timeout: 300 sec
2015-01-13 13:57:46.540 Control Port 4023 Opened
2015-01-13 13:57:46.540 Data Port 4024 Opened
2015-01-13 13:57:46.540 Registered with Q330
2015-01-13 13:57:46.540 Combination Record Received
2015-01-13 13:57:46.540 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-13 13:57:46.540 Link Reset, starting window sequence: 43084
2015-01-13 13:57:46.540 GPS Receiver ID Received
2015-01-13 13:57:46.540 Manufacturer's Data Received, Property Tag=2017
2015-01-13 13:57:46.540 Digitizer Gain & Offsets Received
2015-01-13 13:57:46.540 Msg From 192.168.200.119:Baler XX-2017 readback. 4518 recs.
seq end: 24363801
2015-01-13 13:57:46.540 Baler clock set to 2015-01-13 13:57:45
2015-01-13 13:57:46.540 Starting to Read DP Tokens
2015-01-13 13:57:46.540 DP Tokens loaded, size=1474 bytes
2015-01-13 13:57:46.540 webserver advertising 192.168.200.119:5380
2015-01-13 13:57:46.540 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-13 13:57:46.540 filters & delay HH1:2@100,Linear all=0.320000
2015-01-13 13:57:46.540 filters & delay HH2:3@100,Linear all=0.320000
2015-01-13 13:57:46.540 filters & delay BDH:4@20,Linear all=1.650000
2015-01-13 13:57:46.540 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-13 13:57:46.540 filters & delay LH1:2@1,Linear all=15.000000
2015-01-13 13:57:46.540 filters & delay LH2:3@1,Linear all=15.000000
2015-01-13 13:57:46.540 filters & delay LDH:4@1,Linear all=15.000000
2015-01-13 13:57:46.540 [2015-01-13 01:48:12.000000] continuity found: 24363801
474428892.000000 Q=100
2015-01-13 13:57:46.540 [2015-01-13 01:48:12.000000] restoring continuity
2015-01-13 13:57:46.540 Sending DT_OPEN
2015-01-13 13:57:46.540 Station: XX-2017
2015-01-13 13:57:46.540 Q330 Serial Number: 0100000DB18FC351
2015-01-13 13:57:46.540 AMB Serial Number: 0100000B6909DD82
2015-01-13 13:57:46.540 Seismo 1 Serial Number: 0000000000000000
2015-01-13 13:57:46.540 Seismo 2 Serial Number: 0000000000000000
2015-01-13 13:57:46.540 QAPCHP 1 Serial Number: 4643206
2015-01-13 13:57:46.540 QAPCHP 2 Serial Number: 3743050
2015-01-13 13:57:46.540 KMI Property Tag Number: 2017
2015-01-13 13:57:46.540 System Software Version: 1.146
2015-01-13 13:57:46.540 Slave Processor Version: 1.11
2015-01-13 13:57:46.540 Calibrator Type: QCAL330
2015-01-13 13:57:46.540 Calibrator Version: 1.8
2015-01-13 13:57:46.540 Auxiliary Board Type: None
2015-01-13 13:57:46.540 Clock Type: Motorola M12
2015-01-13 13:57:46.540 PLD Version: 7.9
2015-01-13 13:57:46.540 Total Hours: 71922.54
2015-01-13 13:57:46.540 Power On Hours: 36552.92
2015-01-13 13:57:46.540 Time of Last Boot: 2014-04-06 02:03:58
2015-01-13 13:57:46.540 Total Number of Boots: 120
2015-01-13 13:57:46.540 Time of Last Re-Sync: 2014-04-06 02:17:08

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2015-01-13 13:57:46.540 Total Number of Re-Syncs: 213  
 2015-01-13 13:57:46.540 Status Inputs: 00000000  
 2015-01-13 13:57:46.540 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-13 13:57:46.540 Clock Quality: 100%  
 2015-01-13 13:57:46.540 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-13 13:57:46.540 Clock Phase: 0 usec. max allowed=50000  
 2015-01-13 13:57:46.540 Boom positions:  
 2015-01-13 13:57:46.540 ch1: -2 ch2: -11 ch3: 20 ch4: 20 ch5: 20 ch6: 20  
 2015-01-13 13:57:46.540 Analog Status  
 2015-01-13 13:57:46.540 Analog Positive Supply: 5.46V  
 2015-01-13 13:57:46.540 Input Voltage: 13.20V  
 2015-01-13 13:57:46.540 System Temperature: 5C  
 2015-01-13 13:57:46.540 Main Current: 62ma  
 2015-01-13 13:57:46.540 Antenna Current: 0ma  
 2015-01-13 13:57:46.540 GPS Status  
 2015-01-13 13:57:46.540 Time: 13:57:45  
 2015-01-13 13:57:46.540 Date:  
 2015-01-13 13:57:46.540 Fix Type: 1-D  
 2015-01-13 13:57:46.540 Height:  
 2015-01-13 13:57:46.540 Latitude:  
 2015-01-13 13:57:46.540 Longitude:  
 2015-01-13 13:57:46.540 On Time: 0min  
 2015-01-13 13:57:46.540 Sat. Used: 0  
 2015-01-13 13:57:46.540 In View: 0  
 2015-01-13 13:57:46.540 Checksum Errors: 0  
 2015-01-13 13:57:46.540 Last GPS timemark: 2015-01-13 13:57:44  
 2015-01-13 13:57:46.540 PLL Status  
 2015-01-13 13:57:46.540 State: Lock  
 2015-01-13 13:57:46.540 Initial VCO: 2201.121582  
 2015-01-13 13:57:46.540 Time Error: 0.000000  
 2015-01-13 13:57:46.540 RMS VCO: 0.000000  
 2015-01-13 13:57:46.540 Best VCO: 2200.97  
 2015-01-13 13:57:46.540 Seconds Since Track or Lock: 0.0  
 2015-01-13 13:57:46.540 Vco Control: 2201  
 2015-01-13 13:57:46.540 timing mode: external seascan  
 2015-01-13 13:57:46.540 tempco normal  
 2015-01-13 13:57:46.540 PLL update: 10s PLL lock criterion: 5us  
 2015-01-13 13:57:46.540 Pfrac: 150.00  
 2015-01-13 13:57:46.540 VCO slope: -0.0175000  
 2015-01-13 13:57:46.540 VCO intercept: 7.1100001  
 2015-01-13 13:57:46.540 Km delta: 600.000000  
 2015-01-13 13:57:46.540 Logical Port 4 Status  
 2015-01-13 13:57:46.540 Data Packets Sent: 28095393  
 2015-01-13 13:57:46.540 Flood Packets Sent: 0  
 2015-01-13 13:57:46.540 Packets Re-Sent: 44829  
 2015-01-13 13:57:46.540 Sequence Errors: 0  
 2015-01-13 13:57:46.540 Packet Buffer Used: 23113840  
 2015-01-13 13:57:46.540 Physical Port: Ethernet  
 2015-01-13 13:57:46.540 Baler Model: 14 Software Version: 2.28  
 2015-01-13 13:57:46.540 MAC Address: 00:04:FB:00:02:EA  
 2015-01-13 13:57:46.540 Disk Size: 20000669696  
 2015-01-13 13:57:46.540 Percent of 1177 data files in use: 53.6  
 2015-01-13 13:57:46.540 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-13 13:57:46.540 Channel Sensitivities (uV per count):  
 2015-01-13 13:57:46.540 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-13 13:57:46.540 Digitizer Calibration Results:  
 2015-01-13 13:57:46.540 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-13 13:57:46.540 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-13 13:57:46.540 DMU1 Software Version=10  
 2015-01-13 13:57:46.540 Supply Voltage=12.7  
 2015-01-13 13:57:46.540 Supply Current=0.41  
 2015-01-13 13:57:46.540 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-13 13:57:46.540 webLink Data Maps Restored

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2015-01-13 13:57:46.540 [2015-01-13 01:48:12.000000] sequence resumes: 24363801 to
24363801
2015-01-13 13:57:46.540 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-13 13:57:45
2015-01-13 14:03:37.460 [2015-01-13 14:00:44.000000] total packets received: 52685
2015-01-13 14:03:37.460 [2015-01-13 14:00:44.000000] command timeouts: 6
2015-01-13 14:03:37.460 [2015-01-13 14:00:44.000000] out of window: 75
2015-01-13 14:03:37.460 written: HHZ-1198 HH1-1471 HH2-1443 BDH-456 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-13 14:03:37.460 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-25 LDH-30
VMZ-1 VM1-1
2015-01-13 14:03:37.460 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-13 14:03:37.460 [2015-01-13 14:00:44.000000] Done: 4713 recs. seq end:
24407753. run: 345 s
2015-01-14 02:04:31.620
2015-01-14 02:04:31.620 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-14 02:04:31.620 Control Port 2491 Opened
2015-01-14 02:04:31.620 Baler ready on Ethernet
2015-01-14 02:04:31.620 Power Cycled Baler Acknowledged
2015-01-14 02:04:31.620 Commands Accepted by Q330
2015-01-14 02:04:31.620 Access timeout: 300 sec
2015-01-14 02:04:31.620 Control Port 4023 Opened
2015-01-14 02:04:31.620 Data Port 4024 Opened
2015-01-14 02:04:31.620 Registered with Q330
2015-01-14 02:04:31.620 Combination Record Received
2015-01-14 02:04:31.620 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-14 02:04:31.620 Link Reset, starting window sequence: 30121
2015-01-14 02:04:31.620 Manufacturer's Data Received, Property Tag=2017
2015-01-14 02:04:31.620 Digitizer Gain & Offsets Received
2015-01-14 02:04:31.620 Msg From 192.168.200.119:Baler XX-2017 readback. 4713 recs.
seq end: 24407753
2015-01-14 02:04:31.620 Baler clock set to 2015-01-14 02:04:30
2015-01-14 02:04:31.620 Starting to Read DP Tokens
2015-01-14 02:04:31.620 DP Tokens loaded, size=1474 bytes
2015-01-14 02:04:31.620 webserver advertising 192.168.200.119:5380
2015-01-14 02:04:31.620 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-14 02:04:31.620 filters & delay HH1:2@100,Linear all=0.320000
2015-01-14 02:04:31.620 filters & delay HH2:3@100,Linear all=0.320000
2015-01-14 02:04:31.620 filters & delay BDH:4@20,Linear all=1.650000
2015-01-14 02:04:31.620 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-14 02:04:31.620 filters & delay LH1:2@1,Linear all=15.000000
2015-01-14 02:04:31.620 filters & delay LH2:3@1,Linear all=15.000000
2015-01-14 02:04:31.620 filters & delay LDH:4@1,Linear all=15.000000
2015-01-14 02:04:31.620 [2015-01-13 14:00:44.000000] continuity found: 24407753
474472844.000000 Q=100
2015-01-14 02:04:31.620 [2015-01-13 14:00:44.000000] restoring continuity
2015-01-14 02:04:31.620 Sending DT_OPEN
2015-01-14 02:04:31.620 Station: XX-2017
2015-01-14 02:04:31.620 Q330 Serial Number: 0100000DB18FC351
2015-01-14 02:04:31.620 AMB Serial Number: 0100000B6909DD82
2015-01-14 02:04:31.620 Seismo 1 Serial Number: 0000000000000000
2015-01-14 02:04:31.620 Seismo 2 Serial Number: 0000000000000000
2015-01-14 02:04:31.620 QAPCHP 1 Serial Number: 4643206
2015-01-14 02:04:31.620 QAPCHP 2 Serial Number: 3743050
2015-01-14 02:04:31.620 KMI Property Tag Number: 2017
2015-01-14 02:04:31.620 System Software Version: 1.146
2015-01-14 02:04:31.620 Slave Processor Version: 1.11
2015-01-14 02:04:31.620 Calibrator Type: QCAL330
2015-01-14 02:04:31.620 Calibrator Version: 1.8
2015-01-14 02:04:31.620 Auxiliary Board Type: None
2015-01-14 02:04:31.620 Clock Type: Motorola M12
2015-01-14 02:04:31.620 PLD Version: 7.9
2015-01-14 02:04:31.620 Total Hours: 71934.65

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2015-01-14 02:04:31.620 Power On Hours: 36565.04  
 2015-01-14 02:04:31.620 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-14 02:04:31.620 Total Number of Boots: 120  
 2015-01-14 02:04:31.620 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-14 02:04:31.620 Total Number of Re-Syncs: 213  
 2015-01-14 02:04:31.620 Status Inputs: 00000000  
 2015-01-14 02:04:31.620 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-14 02:04:31.620 Clock Quality: 100%  
 2015-01-14 02:04:31.620 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-14 02:04:31.620 Clock Phase: 0 usec. max allowed=50000  
 2015-01-14 02:04:31.620 Boom positions:  
 2015-01-14 02:04:31.620 Ch1: -2 Ch2: -12 Ch3: 20 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-14 02:04:31.620 Analog Status  
 2015-01-14 02:04:31.620 Analog Positive Supply: 5.46V  
 2015-01-14 02:04:31.620 Input Voltage: 13.35V  
 2015-01-14 02:04:31.620 System Temperature: 5C  
 2015-01-14 02:04:31.620 Main Current: 61ma  
 2015-01-14 02:04:31.620 Antenna Current: 0ma  
 2015-01-14 02:04:31.620 GPS Status  
 2015-01-14 02:04:31.620 Time: 02:04:29  
 2015-01-14 02:04:31.620 Date:  
 2015-01-14 02:04:31.620 Fix Type: 1-D  
 2015-01-14 02:04:31.620 Height:  
 2015-01-14 02:04:31.620 Latitude:  
 2015-01-14 02:04:31.620 Longitude:  
 2015-01-14 02:04:31.620 On Time: 0min  
 2015-01-14 02:04:31.620 Sat. Used: 0  
 2015-01-14 02:04:31.620 In View: 0  
 2015-01-14 02:04:31.620 Checksum Errors: 0  
 2015-01-14 02:04:31.620 Last GPS timemark: 2015-01-14 02:04:28  
 2015-01-14 02:04:31.620 PLL Status  
 2015-01-14 02:04:31.620 State: Lock  
 2015-01-14 02:04:31.620 Initial VCO: 2201.313232  
 2015-01-14 02:04:31.620 Time Error: -0.000001  
 2015-01-14 02:04:31.620 RMS VCO: 0.0000000  
 2015-01-14 02:04:31.620 Best VCO: 2201.56  
 2015-01-14 02:04:31.620 Seconds Since Track or Lock: 0.0  
 2015-01-14 02:04:31.620 Vco Control: 2201  
 2015-01-14 02:04:31.620 timing mode: external seascan  
 2015-01-14 02:04:31.620 tempco normal  
 2015-01-14 02:04:31.620 PLL update: 10s PLL lock criterion: 5us  
 2015-01-14 02:04:31.620 Pfrac: 150.00  
 2015-01-14 02:04:31.620 VCO slope: -0.0175000  
 2015-01-14 02:04:31.620 VCO intercept: 7.1100001  
 2015-01-14 02:04:31.620 Km delta: 600.0000000  
 2015-01-14 02:04:31.620 Logical Port 4 Status  
 2015-01-14 02:04:31.620 Data Packets Sent: 28147972  
 2015-01-14 02:04:31.620 Flood Packets Sent: 0  
 2015-01-14 02:04:31.620 Packets Re-Sent: 44928  
 2015-01-14 02:04:31.620 Sequence Errors: 0  
 2015-01-14 02:04:31.620 Packet Buffer Used: 23082828  
 2015-01-14 02:04:31.620 Physical Port: Ethernet  
 2015-01-14 02:04:31.620 Baler Model: 14 Software Version: 2.28  
 2015-01-14 02:04:31.620 MAC Address: 00:04:FB:00:02:EA  
 2015-01-14 02:04:31.620 Disk Size: 20000669696  
 2015-01-14 02:04:31.620 Percent of 1177 data files in use: 53.9  
 2015-01-14 02:04:31.620 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-14 02:04:31.620 Channel Sensitivities (uV per count):  
 2015-01-14 02:04:31.620 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-14 02:04:31.620 Digitizer Calibration Results:  
 2015-01-14 02:04:31.620 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-14 02:04:31.620 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-14 02:04:31.620 DMU1 Software Version=10

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2015-01-14 02:04:31.620 Supply Voltage=12.7  
 2015-01-14 02:04:31.620 Supply Current=0.41  
 2015-01-14 02:04:31.620 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-14 02:04:31.620 WebLink Data Maps Restored  
 2015-01-14 02:04:31.620 [2015-01-13 14:00:44.000000] sequence resumes overlapping:  
 24407753 to 24407752  
 2015-01-14 02:04:31.620 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-14 02:04:30  
 2015-01-14 02:09:12.010 [2015-01-14 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-01-14 02:10:16.880 Reducing Status Polling Interval  
 2015-01-14 02:10:16.880 [2015-01-14 02:10:15.999998] total packets received: 55461  
 2015-01-14 02:10:16.880 [2015-01-14 02:10:15.999998] command timeouts: 6  
 2015-01-14 02:10:16.880 [2015-01-14 02:10:15.999998] out of window: 63  
 2015-01-14 02:10:16.880 written: HHZ-1229 HH1-1455 HH2-1443 BDH-458 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-01-14 02:10:16.880 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-32 LH2-32 LDH-40  
 VMZ-2 VM1-2  
 2015-01-14 02:10:16.880 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-3  
 2015-01-14 02:10:16.880 [2015-01-14 02:10:15.999998] Done: 4760 recs. seq end:  
 24451525. run: 342 s  
 2015-01-14 14:11:12.630  
 2015-01-14 14:11:12.630 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-14 14:11:12.630 Control Port 2491 Opened  
 2015-01-14 14:11:12.630 Baler ready on Ethernet  
 2015-01-14 14:11:12.630 Power Cycled Baler Acknowledged  
 2015-01-14 14:11:12.630 Commands Accepted by Q330  
 2015-01-14 14:11:12.630 Access timeout: 300 sec  
 2015-01-14 14:11:12.630 Control Port 4023 Opened  
 2015-01-14 14:11:12.630 Data Port 4024 Opened  
 2015-01-14 14:11:12.630 Registered with Q330  
 2015-01-14 14:11:12.630 Combination Record Received  
 2015-01-14 14:11:12.630 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-14 14:11:12.630 Link Reset, starting window sequence: 19946  
 2015-01-14 14:11:12.630 GPS Receiver ID Received  
 2015-01-14 14:11:12.630 Manufacturer's Data Received, Property Tag=2017  
 2015-01-14 14:11:12.630 Digitizer Gain & Offsets Received  
 2015-01-14 14:11:12.630 Msg From 192.168.200.119:Baler XX-2017 readback. 4760 recs.  
 seq end: 24451525  
 2015-01-14 14:11:12.630 Baler clock set to 2015-01-14 14:11:11  
 2015-01-14 14:11:12.630 Starting to Read DP Tokens  
 2015-01-14 14:11:12.630 DP Tokens loaded, size=1474 bytes  
 2015-01-14 14:11:12.630 webserver advertising 192.168.200.119:5380  
 2015-01-14 14:11:12.630 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-01-14 14:11:12.630 filters & delay HH1:2@100,Linear all=0.320000  
 2015-01-14 14:11:12.630 filters & delay HH2:3@100,Linear all=0.320000  
 2015-01-14 14:11:12.630 filters & delay BDH:4@20,Linear all=1.650000  
 2015-01-14 14:11:12.630 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-01-14 14:11:12.630 filters & delay LH1:2@1,Linear all=15.000000  
 2015-01-14 14:11:12.630 filters & delay LH2:3@1,Linear all=15.000000  
 2015-01-14 14:11:12.630 filters & delay LDH:4@1,Linear all=15.000000  
 2015-01-14 14:11:12.630 [2015-01-14 02:10:15.999998] continuity found: 24451525  
 474516616.000000 Q=100  
 2015-01-14 14:11:12.630 [2015-01-14 02:10:15.999998] restoring continuity  
 2015-01-14 14:11:12.630 Sending DT\_OPEN  
 2015-01-14 14:11:12.630 Station: XX-2017  
 2015-01-14 14:11:12.630 Q330 Serial Number: 0100000DB18FC351  
 2015-01-14 14:11:12.630 AMB Serial Number: 0100000B6909DD82  
 2015-01-14 14:11:12.630 Seismo 1 Serial Number: 0000000000000000  
 2015-01-14 14:11:12.630 Seismo 2 Serial Number: 0000000000000000  
 2015-01-14 14:11:12.630 QAPCHP 1 Serial Number: 4643206  
 2015-01-14 14:11:12.630 QAPCHP 2 Serial Number: 3743050  
 2015-01-14 14:11:12.630 KMI Property Tag Number: 2017

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2015-01-14 14:11:12.630 System Software Version: 1.146  
 2015-01-14 14:11:12.630 Slave Processor Version: 1.11  
 2015-01-14 14:11:12.630 Calibrator Type: QCAL330  
 2015-01-14 14:11:12.630 Calibrator Version: 1.8  
 2015-01-14 14:11:12.630 Auxiliary Board Type: None  
 2015-01-14 14:11:12.630 Clock Type: Motorola M12  
 2015-01-14 14:11:12.630 PLD Version: 7.9  
 2015-01-14 14:11:12.630 Total Hours: 71946.76  
 2015-01-14 14:11:12.630 Power On Hours: 36577.15  
 2015-01-14 14:11:12.630 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-14 14:11:12.630 Total Number of Boots: 120  
 2015-01-14 14:11:12.630 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-14 14:11:12.630 Total Number of Re-Syncs: 213  
 2015-01-14 14:11:12.630 Status Inputs: 00000000  
 2015-01-14 14:11:12.630 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-14 14:11:12.630 Clock Quality: 100%  
 2015-01-14 14:11:12.630 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-14 14:11:12.630 Clock Phase: 1 usec. max allowed=50000  
 2015-01-14 14:11:12.630 Boom positions:  
 2015-01-14 14:11:12.630 ch1: -2 ch2: 4 ch3: -7 ch4: 20 ch5: 20 ch6: 20  
 2015-01-14 14:11:12.630 Analog Status  
 2015-01-14 14:11:12.630 Analog Positive Supply: 5.46V  
 2015-01-14 14:11:12.630 Input Voltage: 13.35V  
 2015-01-14 14:11:12.630 System Temperature: 5C  
 2015-01-14 14:11:12.630 Main Current: 63ma  
 2015-01-14 14:11:12.630 Antenna Current: 0ma  
 2015-01-14 14:11:12.630 GPS Status  
 2015-01-14 14:11:12.630 Time: 14:11:10  
 2015-01-14 14:11:12.630 Date:  
 2015-01-14 14:11:12.630 Fix Type: 1-D  
 2015-01-14 14:11:12.630 Height:  
 2015-01-14 14:11:12.630 Latitude:  
 2015-01-14 14:11:12.630 Longitude:  
 2015-01-14 14:11:12.630 On Time: 0min  
 2015-01-14 14:11:12.630 Sat. Used: 0  
 2015-01-14 14:11:12.630 In View: 0  
 2015-01-14 14:11:12.630 Checksum Errors: 0  
 2015-01-14 14:11:12.630 Last GPS timemark: 2015-01-14 14:11:09  
 2015-01-14 14:11:12.630 PLL Status  
 2015-01-14 14:11:12.630 State: Lock  
 2015-01-14 14:11:12.630 Initial VCO: 2201.291504  
 2015-01-14 14:11:12.630 Time Error: -0.000001  
 2015-01-14 14:11:12.630 RMS VCO: 0.000000  
 2015-01-14 14:11:12.630 Best VCO: 2201.26  
 2015-01-14 14:11:12.630 Seconds Since Track or Lock: 0.0  
 2015-01-14 14:11:12.630 Vco Control: 2201  
 2015-01-14 14:11:12.630 timing mode: external seascan  
 2015-01-14 14:11:12.630 tempco normal  
 2015-01-14 14:11:12.630 PLL update: 10s PLL lock criterion: 5us  
 2015-01-14 14:11:12.630 Pfrac: 150.00  
 2015-01-14 14:11:12.630 VCO slope: -0.0175000  
 2015-01-14 14:11:12.630 VCO intercept: 7.1100001  
 2015-01-14 14:11:12.630 Km delta: 600.0000000  
 2015-01-14 14:11:12.630 Logical Port 4 Status  
 2015-01-14 14:11:12.630 Data Packets Sent: 28203339  
 2015-01-14 14:11:12.630 Flood Packets Sent: 0  
 2015-01-14 14:11:12.630 Sequence Errors: 0  
 2015-01-14 14:11:12.630 Packet Buffer Used: 23885900  
 2015-01-14 14:11:12.630 Physical Port: Ethernet  
 2015-01-14 14:11:12.630 Baler Model: 14 Software Version: 2.28  
 2015-01-14 14:11:12.630 MAC Address: 00:04:FB:00:02:EA  
 2015-01-14 14:11:12.630 Disk Size: 20000669696  
 2015-01-14 14:11:12.630 Percent of 1177 data files in use: 53.9

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2015-01-14 14:11:12.630 Channels Enabled: 1234 Preamps ON channels:
2015-01-14 14:11:12.630 Channel Sensitivities (uV per count):
2015-01-14 14:11:12.630 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-14 14:11:12.630 Digitizer Calibration Results:
2015-01-14 14:11:12.630 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-14 14:11:12.630 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-14 14:11:12.630 DMU1 Software Version=10
2015-01-14 14:11:12.630 Supply Voltage=12.7
2015-01-14 14:11:12.630 Supply Current=0.41
2015-01-14 14:11:12.630 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-14 14:11:12.630 WebLink Data Maps Restored
2015-01-14 14:11:12.630 [2015-01-14 02:10:15.999998] sequence resumes: 24451525 to
24451525
2015-01-14 14:11:12.630 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-14 14:11:11
2015-01-14 14:17:14.640 Reducing Status Polling Interval
2015-01-14 14:17:14.640 [2015-01-14 14:17:12.999998] total packets received: 65882
2015-01-14 14:17:14.640 [2015-01-14 14:17:12.999998] command timeouts: 6
2015-01-14 14:17:14.640 [2015-01-14 14:17:12.999998] out of window: 68
2015-01-14 14:17:14.640 written: HHZ-1302 HH1-1480 HH2-1535 BDH-457 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-14 14:17:14.640 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-31 LH2-32 LDH-41
VMZ-2 VM1-2
2015-01-14 14:17:14.640 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-14 14:17:14.640 [2015-01-14 14:17:12.999998] Done: 4946 recs. seq end:
24495142. run: 359 s
2015-01-15 02:18:09.570
2015-01-15 02:18:09.570 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-15 02:18:09.570 Control Port 2491 Opened
2015-01-15 02:18:09.570 Baler ready on Ethernet
2015-01-15 02:18:09.570 Power Cycled Baler Acknowledged
2015-01-15 02:18:09.570 Commands Accepted by Q330
2015-01-15 02:18:09.570 Access timeout: 300 sec
2015-01-15 02:18:09.570 Control Port 4023 Opened
2015-01-15 02:18:09.570 Data Port 4024 Opened
2015-01-15 02:18:09.570 Registered with Q330
2015-01-15 02:18:09.570 Combination Record Received
2015-01-15 02:18:09.570 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-15 02:18:09.570 Link Reset, starting window sequence: 20187
2015-01-15 02:18:09.570 GPS Receiver ID Received
2015-01-15 02:18:09.570 Manufacturer's Data Received, Property Tag=2017
2015-01-15 02:18:09.570 Digitizer Gain & Offsets Received
2015-01-15 02:18:09.570 Msg From 192.168.200.119:Baler XX-2017 readback. 4946 recs.
seq end: 24495142
2015-01-15 02:18:09.570 Baler clock set to 2015-01-15 02:18:08
2015-01-15 02:18:09.570 Starting to Read DP Tokens
2015-01-15 02:18:09.570 DP Tokens loaded, size=1474 bytes
2015-01-15 02:18:09.570 Webserver advertising 192.168.200.119:5380
2015-01-15 02:18:09.570 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-15 02:18:09.570 filters & delay HH1:2@100,Linear all=0.320000
2015-01-15 02:18:09.570 filters & delay HH2:3@100,Linear all=0.320000
2015-01-15 02:18:09.570 filters & delay BDH:4@20,Linear all=1.650000
2015-01-15 02:18:09.570 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-15 02:18:09.570 filters & delay LH1:2@1,Linear all=15.000000
2015-01-15 02:18:09.570 filters & delay LH2:3@1,Linear all=15.000000
2015-01-15 02:18:09.570 filters & delay LDH:4@1,Linear all=15.000000
2015-01-15 02:18:09.570 [2015-01-14 14:17:12.999998] continuity found: 24495142
474560233.000000 Q=100
2015-01-15 02:18:09.570 [2015-01-14 14:17:12.999998] restoring continuity
2015-01-15 02:18:09.570 Sending DT_OPEN
2015-01-15 02:18:09.570 Station: XX-2017
2015-01-15 02:18:09.570 Q330 Serial Number: 0100000DB18FC351
2015-01-15 02:18:09.570 AMB Serial Number: 0100000B6909DD82

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2015-01-15 02:18:09.570 Seismo 1 Serial Number: 0000000000000000  
 2015-01-15 02:18:09.570 Seismo 2 Serial Number: 0000000000000000  
 2015-01-15 02:18:09.570 QAPCHP 1 Serial Number: 4643206  
 2015-01-15 02:18:09.570 QAPCHP 2 Serial Number: 3743050  
 2015-01-15 02:18:09.570 KMI Property Tag Number: 2017  
 2015-01-15 02:18:09.570 System Software Version: 1.146  
 2015-01-15 02:18:09.570 Slave Processor Version: 1.11  
 2015-01-15 02:18:09.570 Calibrator Type: QCAL330  
 2015-01-15 02:18:09.570 Calibrator Version: 1.8  
 2015-01-15 02:18:09.570 Auxiliary Board Type: None  
 2015-01-15 02:18:09.570 Clock Type: Motorola M12  
 2015-01-15 02:18:09.570 PLD Version: 7.9  
 2015-01-15 02:18:09.570 Total Hours: 71958.88  
 2015-01-15 02:18:09.570 Power On Hours: 36589.26  
 2015-01-15 02:18:09.570 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-15 02:18:09.570 Total Number of Boots: 120  
 2015-01-15 02:18:09.570 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-15 02:18:09.570 Total Number of Re-Syncs: 213  
 2015-01-15 02:18:09.570 Status Inputs: 00000000  
 2015-01-15 02:18:09.570 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-15 02:18:09.570 Clock Quality: 100%  
 2015-01-15 02:18:09.570 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-15 02:18:09.570 Clock Phase: 0 usec. max allowed=50000  
 2015-01-15 02:18:09.570 Boom positions:  
 2015-01-15 02:18:09.570 ch1: -2 ch2: 4 ch3: -6 ch4: 20 ch5: 20 ch6: 20  
 2015-01-15 02:18:09.570 Analog Status  
 2015-01-15 02:18:09.570 Analog Positive Supply: 5.46V  
 2015-01-15 02:18:09.570 Input Voltage: 13.20V  
 2015-01-15 02:18:09.570 System Temperature: 5C  
 2015-01-15 02:18:09.570 Main Current: 62ma  
 2015-01-15 02:18:09.570 Antenna Current: 0ma  
 2015-01-15 02:18:09.570 GPS Status  
 2015-01-15 02:18:09.570 Time: 02:18:08  
 2015-01-15 02:18:09.570 Date:  
 2015-01-15 02:18:09.570 Fix Type: 1-D  
 2015-01-15 02:18:09.570 Height:  
 2015-01-15 02:18:09.570 Latitude:  
 2015-01-15 02:18:09.570 Longitude:  
 2015-01-15 02:18:09.570 On Time: 0min  
 2015-01-15 02:18:09.570 Sat. Used: 0  
 2015-01-15 02:18:09.570 In View: 0  
 2015-01-15 02:18:09.570 Checksum Errors: 0  
 2015-01-15 02:18:09.570 Last GPS timemark: 2015-01-15 02:18:07  
 2015-01-15 02:18:09.570 PLL Status  
 2015-01-15 02:18:09.570 State: Lock  
 2015-01-15 02:18:09.570 Initial VCO: 2201.851807  
 2015-01-15 02:18:09.570 Time Error: 0.000000  
 2015-01-15 02:18:09.570 RMS VCO: 0.000000  
 2015-01-15 02:18:09.570 Best VCO: 2201.95  
 2015-01-15 02:18:09.570 Seconds Since Track or Lock: 0.0  
 2015-01-15 02:18:09.570 Vco Control: 2202  
 2015-01-15 02:18:09.570 timing mode: external seascan  
 2015-01-15 02:18:09.570 tempco normal  
 2015-01-15 02:18:09.570 PLL update: 10s PLL lock criterion: 5us  
 2015-01-15 02:18:09.570 Pfrac: 150.00  
 2015-01-15 02:18:09.570 VCO slope: -0.0175000  
 2015-01-15 02:18:09.570 VCO intercept: 7.1100001  
 2015-01-15 02:18:09.570 km delta: 600.000000  
 2015-01-15 02:18:09.570 Logical Port 4 Status  
 2015-01-15 02:18:09.570 Data Packets Sent: 28269121  
 2015-01-15 02:18:09.570 Flood Packets Sent: 0  
 2015-01-15 02:18:09.570 Packets Re-Sent: 45094  
 2015-01-15 02:18:09.570 Sequence Errors: 0

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2015-01-15 02:18:09.570 Packet Buffer Used: 23455952
2015-01-15 02:18:09.570 Physical Port: Ethernet
2015-01-15 02:18:09.570 Baler Model: 14 Software Version: 2.28
2015-01-15 02:18:09.570 MAC Address: 00:04:FB:00:02:EA
2015-01-15 02:18:09.570 Disk Size: 20000669696
2015-01-15 02:18:09.570 Percent of 1177 data files in use: 54.0
2015-01-15 02:18:09.570 Channels Enabled: 1234 Preamps ON channels:
2015-01-15 02:18:09.570 Channel Sensitivities (uV per count):
2015-01-15 02:18:09.570 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-15 02:18:09.570 Digitizer Calibration Results:
2015-01-15 02:18:09.570 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-15 02:18:09.570 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-15 02:18:09.570 DMU1 Software Version=10
2015-01-15 02:18:09.570 Supply Voltage=12.6
2015-01-15 02:18:09.570 Supply Current=0.41
2015-01-15 02:18:09.570 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-15 02:18:09.570 webLink Data Maps Restored
2015-01-15 02:18:09.570 [2015-01-14 14:17:12.999998] sequence resumes: 24495142 to
24495142
2015-01-15 02:18:09.570 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-15 02:18:08
2015-01-15 02:22:51.670 [2015-01-15 00:00:00.000000] saving Configuration to Backup
Memory
2015-01-15 02:23:58.180 [2015-01-15 02:15:08.000000] total packets received: 60877
2015-01-15 02:23:58.180 [2015-01-15 02:15:08.000000] command timeouts: 6
2015-01-15 02:23:58.180 [2015-01-15 02:15:08.000000] out of window: 59
2015-01-15 02:23:58.180 written: HHZ-1248 HH1-1460 HH2-1452 BDH-452 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-15 02:23:58.180 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-32 LH2-31 LDH-40
VMZ-1 VM1-1
2015-01-15 02:23:58.180 written: VM2-1 LOG-3 ACE-2 OCF-2
2015-01-15 02:23:58.180 [2015-01-15 02:15:08.000000] Done: 4781 recs. seq end:
24538217. run: 345 s
2015-01-15 14:24:53.600
2015-01-15 14:24:53.600 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-15 14:24:53.600 Control Port 2491 Opened
2015-01-15 14:24:53.600 Baler ready on Ethernet
2015-01-15 14:24:53.600 Power Cycled Baler Acknowledged
2015-01-15 14:24:53.600 Commands Accepted by Q330
2015-01-15 14:24:53.600 Access timeout: 300 sec
2015-01-15 14:24:53.600 Control Port 4023 Opened
2015-01-15 14:24:53.600 Data Port 4024 Opened
2015-01-15 14:24:53.600 Registered with Q330
2015-01-15 14:24:53.600 Combination Record Received
2015-01-15 14:24:53.600 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-15 14:24:53.600 Link Reset, starting window sequence: 15431
2015-01-15 14:24:53.600 GPS Receiver ID Received
2015-01-15 14:24:53.600 Manufacturer's Data Received, Property Tag=2017
2015-01-15 14:24:53.600 Digitizer Gain & Offsets Received
2015-01-15 14:24:53.600 Msg From 192.168.200.119:Baler XX-2017 readback. 4781 recs.
seq end: 24538217
2015-01-15 14:24:53.600 Baler clock set to 2015-01-15 14:24:52
2015-01-15 14:24:53.600 Starting to Read DP Tokens
2015-01-15 14:24:53.600 DP Tokens loaded, size=1474 bytes
2015-01-15 14:24:53.600 webserver advertising 192.168.200.119:5380
2015-01-15 14:24:53.600 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-15 14:24:53.600 filters & delay HH1:2@100,Linear all=0.320000
2015-01-15 14:24:53.600 filters & delay HH2:3@100,Linear all=0.320000
2015-01-15 14:24:53.600 filters & delay BDH:4@20,Linear all=1.650000
2015-01-15 14:24:53.600 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-15 14:24:53.600 filters & delay LH1:2@1,Linear all=15.000000
2015-01-15 14:24:53.600 filters & delay LH2:3@1,Linear all=15.000000
2015-01-15 14:24:53.600 filters & delay LDH:4@1,Linear all=15.000000

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2015-01-15 14:24:53.600 [2015-01-15 02:15:08.000000] continuity found: 24538217
474603308.000000 Q=100
2015-01-15 14:24:53.600 [2015-01-15 02:15:08.000000] restoring continuity
2015-01-15 14:24:53.600 Sending DT_OPEN
2015-01-15 14:24:53.600 Station: XX-2017
2015-01-15 14:24:53.600 Q330 Serial Number: 0100000DB18FC351
2015-01-15 14:24:53.600 AMB Serial Number: 0100000B6909DD82
2015-01-15 14:24:53.600 Seismo 1 Serial Number: 0000000000000000
2015-01-15 14:24:53.600 Seismo 2 Serial Number: 0000000000000000
2015-01-15 14:24:53.600 QAPCHP 1 Serial Number: 4643206
2015-01-15 14:24:53.600 QAPCHP 2 Serial Number: 3743050
2015-01-15 14:24:53.600 KMI Property Tag Number: 2017
2015-01-15 14:24:53.600 System Software Version: 1.146
2015-01-15 14:24:53.600 Slave Processor Version: 1.11
2015-01-15 14:24:53.600 Calibrator Version: 1.8
2015-01-15 14:24:53.600 Auxiliary Board Type: None
2015-01-15 14:24:53.600 Clock Type: Motorola M12
2015-01-15 14:24:53.600 PLD Version: 7.9
2015-01-15 14:24:53.600 Total Hours: 71970.99
2015-01-15 14:24:53.600 Power On Hours: 36601.38
2015-01-15 14:24:53.600 Time of Last Boot: 2014-04-06 02:03:58
2015-01-15 14:24:53.600 Total Number of Boots: 120
2015-01-15 14:24:53.600 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-15 14:24:53.600 Total Number of Re-Syncs: 213
2015-01-15 14:24:53.600 Status Inputs: 00000000
2015-01-15 14:24:53.600 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-15 14:24:53.600 Clock Quality: 100%
2015-01-15 14:24:53.600 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-15 14:24:53.600 Clock Phase: 0 usec. max allowed=50000
2015-01-15 14:24:53.600 Boom positions:
2015-01-15 14:24:53.600 Ch1: -2 Ch2: 3 Ch3: -5 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-15 14:24:53.600 Analog Status
2015-01-15 14:24:53.600 Analog Positive Supply: 5.46V
2015-01-15 14:24:53.600 Input Voltage: 13.35V
2015-01-15 14:24:53.600 System Temperature: 5C
2015-01-15 14:24:53.600 Main Current: 61ma
2015-01-15 14:24:53.600 Antenna Current: 0ma
2015-01-15 14:24:53.600 GPS Status
2015-01-15 14:24:53.600 Time: 14:24:52
2015-01-15 14:24:53.600 Date:
2015-01-15 14:24:53.600 Fix Type: 1-D
2015-01-15 14:24:53.600 Height:
2015-01-15 14:24:53.600 Latitude:
2015-01-15 14:24:53.600 Longitude:
2015-01-15 14:24:53.600 On Time: 0min
2015-01-15 14:24:53.600 Sat. Used: 0
2015-01-15 14:24:53.600 In View: 0
2015-01-15 14:24:53.600 Checksum Errors: 0
2015-01-15 14:24:53.600 Last GPS timemark: 2015-01-15 14:24:51
2015-01-15 14:24:53.600 PLL Status
2015-01-15 14:24:53.600 State: Lock
2015-01-15 14:24:53.600 Initial VCO: 2201.125000
2015-01-15 14:24:53.600 Time Error: 0.000000
2015-01-15 14:24:53.600 RMS VCO: 0.000000
2015-01-15 14:24:53.600 Best VCO: 2201.08
2015-01-15 14:24:53.600 Seconds Since Track or Lock: 0.0
2015-01-15 14:24:53.600 Vco Control: 2201
2015-01-15 14:24:53.600 timing mode: external seascan
2015-01-15 14:24:53.600 tempco normal
2015-01-15 14:24:53.600 PLL update: 10s PLL lock criterion: 5us
2015-01-15 14:24:53.600 Pfrac: 150.00
2015-01-15 14:24:53.600 VCO slope: -0.0175000
2015-01-15 14:24:53.600 VCO intercept: 7.1100001

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2015-01-15 14:24:53.600 Km delta: 600.0000000
2015-01-15 14:24:53.600 Logical Port 4 Status
2015-01-15 14:24:53.600 Data Packets Sent: 28329908
2015-01-15 14:24:53.600 Flood Packets Sent: 0
2015-01-15 14:24:53.600 Packets Re-Sent: 45172
2015-01-15 14:24:53.600 Sequence Errors: 0
2015-01-15 14:24:53.600 Packet Buffer Used: 23689804
2015-01-15 14:24:53.600 Physical Port: Ethernet
2015-01-15 14:24:53.600 Baler Model: 14 Software Version: 2.28
2015-01-15 14:24:53.600 MAC Address: 00:04:FB:00:02:EA
2015-01-15 14:24:53.600 Disk Size: 20000669696
2015-01-15 14:24:53.600 Percent of 1177 data files in use: 54.2
2015-01-15 14:24:53.600 Channels Enabled: 1234 Preamps ON channels:
2015-01-15 14:24:53.600 Channel Sensitivities (uV per count):
2015-01-15 14:24:53.600 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-15 14:24:53.600 Digitizer Calibration Results:
2015-01-15 14:24:53.600 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-15 14:24:53.600 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-15 14:24:53.600 DMU1 Software Version=10
2015-01-15 14:24:53.600 Supply Voltage=12.7
2015-01-15 14:24:53.600 Supply Current=0.41
2015-01-15 14:24:53.600 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-15 14:24:53.600 webLink Data Maps Restored
2015-01-15 14:24:53.600 [2015-01-15 02:15:08.000000] sequence resumes overlapping:
24538217 to 24538216
2015-01-15 14:24:53.600 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-15 14:24:52
2015-01-15 14:30:51.060 Reducing Status Polling Interval
2015-01-15 14:30:51.060 [2015-01-15 14:30:49.999998] total packets received: 63931
2015-01-15 14:30:51.060 [2015-01-15 14:30:49.999998] command timeouts: 6
2015-01-15 14:30:51.060 [2015-01-15 14:30:49.999998] out of window: 58
2015-01-15 14:30:51.060 written: HHZ-1247 HH1-1525 HH2-1477 BDH-461 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-15 14:30:51.060 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-26 LH2-28 LDH-39
VMZ-2 VM1-2
2015-01-15 14:30:51.060 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2
2015-01-15 14:30:51.060 [2015-01-15 14:30:49.999998] Done: 4873 recs. seq end:
24582359. run: 355 s
2015-01-16 02:31:46.640
2015-01-16 02:31:46.640 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-16 02:31:46.640 Control Port 2491 Opened
2015-01-16 02:31:46.640 Baler ready on Ethernet
2015-01-16 02:31:46.640 Power Cycled Baler Acknowledged
2015-01-16 02:31:46.640 Commands Accepted by Q330
2015-01-16 02:31:46.640 Access timeout: 300 sec
2015-01-16 02:31:46.640 Control Port 4023 Opened
2015-01-16 02:31:46.640 Data Port 4024 Opened
2015-01-16 02:31:46.640 Registered with Q330
2015-01-16 02:31:46.640 Combination Record Received
2015-01-16 02:31:46.640 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-16 02:31:46.640 Link Reset, starting window sequence: 13731
2015-01-16 02:31:46.640 GPS Receiver ID Received
2015-01-16 02:31:46.640 Manufacturer's Data Received, Property Tag=2017
2015-01-16 02:31:46.640 Digitizer Gain & Offsets Received
2015-01-16 02:31:46.640 Msg From 192.168.200.119:Baler XX-2017 readback. 4873 recs.
seq end: 24582359
2015-01-16 02:31:46.640 Baler clock set to 2015-01-16 02:31:45
2015-01-16 02:31:46.640 Starting to Read DP Tokens
2015-01-16 02:31:46.640 DP Tokens loaded, size=1474 bytes
2015-01-16 02:31:46.640 webserver advertising 192.168.200.119:5380
2015-01-16 02:31:46.640 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-16 02:31:46.640 filters & delay HH1:2@100,Linear all=0.320000
2015-01-16 02:31:46.640 filters & delay HH2:3@100,Linear all=0.320000

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2015-01-16 02:31:46.640 filters & delay BDH:4@20,Linear all=1.650000
2015-01-16 02:31:46.640 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-16 02:31:46.640 filters & delay LH1:2@1,Linear all=15.000000
2015-01-16 02:31:46.640 filters & delay LH2:3@1,Linear all=15.000000
2015-01-16 02:31:46.640 filters & delay LDH:4@1,Linear all=15.000000
2015-01-16 02:31:46.640 [2015-01-15 14:30:49.999998] continuity found: 24582359
474647450.000000 Q=100
2015-01-16 02:31:46.640 [2015-01-15 14:30:49.999998] restoring continuity
2015-01-16 02:31:46.640 Sending DT_OPEN
2015-01-16 02:31:46.640 Station: XX-2017
2015-01-16 02:31:46.640 Q330 Serial Number: 0100000DB18FC351
2015-01-16 02:31:46.640 AMB Serial Number: 0100000B6909DD82
2015-01-16 02:31:46.640 Seismo 1 Serial Number: 0000000000000000
2015-01-16 02:31:46.640 Seismo 2 Serial Number: 0000000000000000
2015-01-16 02:31:46.640 QAPCHP 1 Serial Number: 4643206
2015-01-16 02:31:46.640 QAPCHP 2 Serial Number: 3743050
2015-01-16 02:31:46.640 KMI Property Tag Number: 2017
2015-01-16 02:31:46.640 System Software Version: 1.146
2015-01-16 02:31:46.640 Slave Processor Version: 1.11
2015-01-16 02:31:46.640 Calibrator Type: QCAL330
2015-01-16 02:31:46.640 Calibrator Version: 1.8
2015-01-16 02:31:46.640 Auxiliary Board Type: None
2015-01-16 02:31:46.640 Clock Type: Motorola M12
2015-01-16 02:31:46.640 PLD Version: 7.9
2015-01-16 02:31:46.640 Total Hours: 71983.11
2015-01-16 02:31:46.640 Power On Hours: 36613.49
2015-01-16 02:31:46.640 Time of Last Boot: 2014-04-06 02:03:58
2015-01-16 02:31:46.640 Total Number of Boots: 120
2015-01-16 02:31:46.640 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-16 02:31:46.640 Total Number of Re-Syncs: 213
2015-01-16 02:31:46.640 Status Inputs: 00000000
2015-01-16 02:31:46.640 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-16 02:31:46.640 Clock Quality: 100%
2015-01-16 02:31:46.640 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-16 02:31:46.640 Clock Phase: 1 usec. max allowed=50000
2015-01-16 02:31:46.640 Boom positions:
2015-01-16 02:31:46.640 ch1: -2 ch2: 2 ch3: -4 ch4: 20 ch5: 20 ch6: 20
2015-01-16 02:31:46.640 Analog Status
2015-01-16 02:31:46.640 Analog Positive Supply: 5.46V
2015-01-16 02:31:46.640 Input Voltage: 13.05V
2015-01-16 02:31:46.640 System Temperature: 5C
2015-01-16 02:31:46.640 Main Current: 61ma
2015-01-16 02:31:46.640 Antenna Current: 0ma
2015-01-16 02:31:46.640 GPS Status
2015-01-16 02:31:46.640 Time: 02:31:45
2015-01-16 02:31:46.640 Date:
2015-01-16 02:31:46.640 Fix Type: 1-D
2015-01-16 02:31:46.640 Height:
2015-01-16 02:31:46.640 Latitude:
2015-01-16 02:31:46.640 Longitude:
2015-01-16 02:31:46.640 On Time: 0min
2015-01-16 02:31:46.640 Sat. Used: 0
2015-01-16 02:31:46.640 In View: 0
2015-01-16 02:31:46.640 Checksum Errors: 0
2015-01-16 02:31:46.640 Last GPS timemark: 2015-01-16 02:31:44
2015-01-16 02:31:46.640 PLL Status
2015-01-16 02:31:46.640 State: Lock
2015-01-16 02:31:46.640 Initial VCO: 2200.970703
2015-01-16 02:31:46.640 Time Error: 0.000000
2015-01-16 02:31:46.640 RMS VCO: 0.0000000
2015-01-16 02:31:46.640 Best VCO: 2200.96
2015-01-16 02:31:46.640 Seconds Since Track or Lock: 0.0
2015-01-16 02:31:46.640 vco control: 2201

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2015-01-16 02:31:46.640 timing mode: external seascan  
 2015-01-16 02:31:46.640 tempco normal  
 2015-01-16 02:31:46.640 PLL update: 10s PLL lock criterion: 5us  
 2015-01-16 02:31:46.640 Pfrac: 150.00  
 2015-01-16 02:31:46.640 VCO slope: -0.0175000  
 2015-01-16 02:31:46.640 VCO intercept: 7.1100001  
 2015-01-16 02:31:46.640 km delta: 600.0000000  
 2015-01-16 02:31:46.640 Logical Port 4 Status  
 2015-01-16 02:31:46.640 Data Packets Sent: 28393749  
 2015-01-16 02:31:46.640 Flood Packets Sent: 0  
 2015-01-16 02:31:46.640 Packets Re-Sent: 45249  
 2015-01-16 02:31:46.640 Sequence Errors: 0  
 2015-01-16 02:31:46.640 Packet Buffer Used: 22587008  
 2015-01-16 02:31:46.640 Physical Port: Ethernet  
 2015-01-16 02:31:46.640 Baler Model: 14 Software Version: 2.28  
 2015-01-16 02:31:46.640 MAC Address: 00:04:FB:00:02:EA  
 2015-01-16 02:31:46.640 Disk Size: 20000669696  
 2015-01-16 02:31:46.640 Percent of 1177 data files in use: 54.2  
 2015-01-16 02:31:46.640 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-16 02:31:46.640 Channel Sensitivities (uV per count):  
 2015-01-16 02:31:46.640 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-16 02:31:46.640 Digitizer Calibration Results:  
 2015-01-16 02:31:46.640 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-16 02:31:46.640 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-16 02:31:46.640 DMU1 Software Version=10  
 2015-01-16 02:31:46.640 Supply Voltage=12.6  
 2015-01-16 02:31:46.640 Supply Current=0.41  
 2015-01-16 02:31:46.640 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-16 02:31:46.640 webLink Data Maps Restored  
 2015-01-16 02:31:46.640 [2015-01-15 14:30:49.999998] sequence resumes: 24582359 to  
 24582359  
 2015-01-16 02:31:46.640 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-16 02:31:45  
 2015-01-16 02:36:11.880 [2015-01-16 00:00:00.000001] saving Configuration to Backup  
 Memory  
 2015-01-16 02:37:25.970 Reducing Status Polling Interval  
 2015-01-16 02:37:25.970 [2015-01-16 02:37:25.000000] total packets received: 50558  
 2015-01-16 02:37:25.970 [2015-01-16 02:37:25.000000] command timeouts: 6  
 2015-01-16 02:37:25.970 [2015-01-16 02:37:25.000000] out of window: 58  
 2015-01-16 02:37:25.970 written: HHZ-1200 HH1-1403 HH2-1417 BDH-448 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-01-16 02:37:25.970 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-33  
 VMZ-2 VM1-2  
 2015-01-16 02:37:25.970 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-01-16 14:38:20.570  
 2015-01-16 14:38:20.570 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-16 14:38:20.570 Control Port 2491 Opened  
 2015-01-16 14:38:20.570 Baler ready on Ethernet  
 2015-01-16 14:38:20.570 Power Cycled Baler Acknowledged  
 2015-01-16 14:38:20.570 Commands Accepted by Q330  
 2015-01-16 14:38:20.570 Access timeout: 300 sec  
 2015-01-16 14:38:20.570 Control Port 4023 Opened  
 2015-01-16 14:38:20.570 Data Port 4024 Opened  
 2015-01-16 14:38:20.570 Registered with Q330  
 2015-01-16 14:38:20.570 Combination Record Received  
 2015-01-16 14:38:20.570 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-16 14:38:20.570 Link Reset, starting window sequence: 64195  
 2015-01-16 14:38:20.570 GPS Receiver ID Received  
 2015-01-16 14:38:20.570 Manufacturer's Data Received, Property Tag=2017  
 2015-01-16 14:38:20.570 Digitizer Gain & Offsets Received  
 2015-01-16 14:38:20.570 Msg From 192.168.200.119:Baler XX-2017 readback. 4623 recs.  
 seq end: 24625954  
 2015-01-16 14:38:20.570 Baler clock set to 2015-01-16 14:38:19

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2015-01-16 14:38:20.570 Starting to Read DP Tokens
2015-01-16 14:38:20.570 DP Tokens loaded, size=1474 bytes
2015-01-16 14:38:20.570 Webserver advertising 192.168.200.119:5380
2015-01-16 14:38:20.570 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-16 14:38:20.570 filters & delay HH1:2@100,Linear all=0.320000
2015-01-16 14:38:20.570 filters & delay HH2:3@100,Linear all=0.320000
2015-01-16 14:38:20.570 filters & delay BDH:4@20,Linear all=1.650000
2015-01-16 14:38:20.570 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-16 14:38:20.570 filters & delay LH1:2@1,Linear all=15.000000
2015-01-16 14:38:20.570 filters & delay LH2:3@1,Linear all=15.000000
2015-01-16 14:38:20.570 filters & delay LDH:4@1,Linear all=15.000000
2015-01-16 14:38:20.570 [2015-01-16 02:37:25.000000] continuity found: 24625954
474691045.000000 Q=100
2015-01-16 14:38:20.570 [2015-01-16 02:37:25.000000] restoring continuity
2015-01-16 14:38:20.570 Sending DT_OPEN
2015-01-16 14:38:20.570 Station: XX-2017
2015-01-16 14:38:20.570 Q330 Serial Number: 0100000DB18FC351
2015-01-16 14:38:20.570 AMB Serial Number: 0100000B6909DD82
2015-01-16 14:38:20.570 Seismo 1 Serial Number: 0000000000000000
2015-01-16 14:38:20.570 Seismo 2 Serial Number: 0000000000000000
2015-01-16 14:38:20.570 QAPCHP 1 Serial Number: 4643206
2015-01-16 14:38:20.570 QAPCHP 2 Serial Number: 3743050
2015-01-16 14:38:20.570 KMI Property Tag Number: 2017
2015-01-16 14:38:20.570 System Software Version: 1.146
2015-01-16 14:38:20.570 Slave Processor Version: 1.11
2015-01-16 14:38:20.570 Calibrator Type: QCAL330
2015-01-16 14:38:20.570 Calibrator Version: 1.8
2015-01-16 14:38:20.570 Auxiliary Board Type: None
2015-01-16 14:38:20.570 Clock Type: Motorola M12
2015-01-16 14:38:20.570 PLD Version: 7.9
2015-01-16 14:38:20.570 Total Hours: 71995.22
2015-01-16 14:38:20.570 Power On Hours: 36625.60
2015-01-16 14:38:20.570 Time of Last Boot: 2014-04-06 02:03:58
2015-01-16 14:38:20.570 Total Number of Boots: 120
2015-01-16 14:38:20.570 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-16 14:38:20.570 Total Number of Re-Syncs: 213
2015-01-16 14:38:20.570 Status Inputs: 00000000
2015-01-16 14:38:20.570 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-16 14:38:20.570 Clock Quality: 100%
2015-01-16 14:38:20.570 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-16 14:38:20.570 Clock Phase: 0 usec. max allowed=50000
2015-01-16 14:38:20.570 Boom positions:
2015-01-16 14:38:20.570 Ch1: -2 Ch2: 2 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-16 14:38:20.570 Analog Status
2015-01-16 14:38:20.570 Analog Positive Supply: 5.46V
2015-01-16 14:38:20.570 Input Voltage: 13.35V
2015-01-16 14:38:20.570 System Temperature: 5C
2015-01-16 14:38:20.570 Main Current: 62ma
2015-01-16 14:38:20.570 Antenna Current: 0ma
2015-01-16 14:38:20.570 GPS Status
2015-01-16 14:38:20.570 Time: 14:38:19
2015-01-16 14:38:20.570 Date:
2015-01-16 14:38:20.570 Fix Type: 1-D
2015-01-16 14:38:20.570 Height:
2015-01-16 14:38:20.570 Latitude:
2015-01-16 14:38:20.570 Longitude:
2015-01-16 14:38:20.570 On Time: 0min
2015-01-16 14:38:20.570 Sat. Used: 0
2015-01-16 14:38:20.570 In View: 0
2015-01-16 14:38:20.570 Checksum Errors: 0
2015-01-16 14:38:20.570 Last GPS timemark: 2015-01-16 14:38:18
2015-01-16 14:38:20.570 PLL Status
2015-01-16 14:38:20.570 State: Lock

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2015-01-16 14:38:20.570 Initial VCO: 2201.284180
2015-01-16 14:38:20.570 Time Error: -0.000001
2015-01-16 14:38:20.570 RMS VCO: 0.0000000
2015-01-16 14:38:20.570 Best VCO: 2201.53
2015-01-16 14:38:20.570 Seconds Since Track or Lock: 0.0
2015-01-16 14:38:20.570 Vco Control: 2202
2015-01-16 14:38:20.570 timing mode: external seascan
2015-01-16 14:38:20.570 tempco normal
2015-01-16 14:38:20.570 PLL update: 10s  PLL lock criterion: 5us
2015-01-16 14:38:20.570 Pfrac: 150.00
2015-01-16 14:38:20.570 VCO slope: -0.0175000
2015-01-16 14:38:20.570 VCO intercept: 7.1100001
2015-01-16 14:38:20.570 km delta: 600.0000000
2015-01-16 14:38:20.570 Logical Port 4 Status
2015-01-16 14:38:20.570 Data Packets Sent: 28444218
2015-01-16 14:38:20.570 Flood Packets Sent: 0
2015-01-16 14:38:20.570 Packets Re-Sent: 45327
2015-01-16 14:38:20.570 Sequence Errors: 0
2015-01-16 14:38:20.570 Packet Buffer Used: 21833640
2015-01-16 14:38:20.570 Physical Port: Ethernet
2015-01-16 14:38:20.570 Baler Model: 14  Software Version: 2.28
2015-01-16 14:38:20.570 MAC Address: 00:04:FB:00:02:EA
2015-01-16 14:38:20.570 Disk Size: 20000669696
2015-01-16 14:38:20.570 Percent of 1177 data files in use: 54.3
2015-01-16 14:38:20.570 Channels Enabled: 1234  Preamps ON channels:
2015-01-16 14:38:20.570 Channel Sensitivities (uV per count):
2015-01-16 14:38:20.570 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-16 14:38:20.570 Digitizer Calibration Results:
2015-01-16 14:38:20.570 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2015-01-16 14:38:20.570 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2015-01-16 14:38:20.570 DMU1 Software Version=10
2015-01-16 14:38:20.570 Supply Voltage=12.6
2015-01-16 14:38:20.570 Supply Current=0.42
2015-01-16 14:38:20.570 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-16 14:38:20.570 webLink Data Maps Restored
2015-01-16 14:38:20.570 [2015-01-16 02:37:25.000000] sequence resumes: 24625954 to
24625954
2015-01-16 14:38:20.570 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-16 14:38:19
2015-01-16 14:39:38.340 Reducing Status Polling Interval
2015-01-16 14:43:46.440 [2015-01-16 14:39:44.000000] total packets received: 45926
2015-01-16 14:43:46.440 [2015-01-16 14:39:44.000000] command timeouts: 6
2015-01-16 14:43:46.440 [2015-01-16 14:39:44.000000] out of window: 58
2015-01-16 14:43:46.440 written: HHZ-1166 HH1-1332 HH2-1321 BDH-438 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2015-01-16 14:43:46.440 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-28
VMZ-1 VM1-1
2015-01-16 14:43:46.440 written: VM2-1 OAC-1 LOG-3 ACE-1 OCF-1
2015-01-16 14:43:46.440 [2015-01-16 14:39:44.000000] Done: 4396 recs. seq end:
24669293. run: 321 s
2015-01-17 02:44:39.550
2015-01-17 02:44:39.550 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-17 02:44:39.550 Control Port 2491 Opened
2015-01-17 02:44:39.550 Baler ready on Ethernet
2015-01-17 02:44:39.550 Power Cycled Baler Acknowledged
2015-01-17 02:44:39.550 Commands Accepted by Q330
2015-01-17 02:44:39.550 Access timeout: 300 sec
2015-01-17 02:44:39.550 Control Port 4023 Opened
2015-01-17 02:44:39.550 Data Port 4024 Opened
2015-01-17 02:44:39.550 Registered with Q330
2015-01-17 02:44:39.550 Combination Record Received
2015-01-17 02:44:39.550 window=4  Min. Timeout=10  Max. Timeout=30
2015-01-17 02:44:39.550 Link Reset, starting window sequence: 44458

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2015-01-17 02:44:39.550 GPS Receiver ID Received
2015-01-17 02:44:39.550 Manufacturer's Data Received, Property Tag=2017
2015-01-17 02:44:39.550 Digitizer Gain & Offsets Received
2015-01-17 02:44:39.550 Msg From 192.168.200.119:Baler XX-2017 readback. 4396 recs.
seq end: 24669293
2015-01-17 02:44:39.550 Baler clock set to 2015-01-17 02:44:38
2015-01-17 02:44:39.550 Starting to Read DP Tokens
2015-01-17 02:44:39.550 DP Tokens loaded, size=1474 bytes
2015-01-17 02:44:39.550 Webserver advertising 192.168.200.119:5380
2015-01-17 02:44:39.550 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-17 02:44:39.550 filters & delay HH1:2@100,Linear all=0.320000
2015-01-17 02:44:39.550 filters & delay HH2:3@100,Linear all=0.320000
2015-01-17 02:44:39.550 filters & delay BDH:4@20,Linear all=1.650000
2015-01-17 02:44:39.550 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-17 02:44:39.550 filters & delay LH1:2@1,Linear all=15.000000
2015-01-17 02:44:39.550 filters & delay LH2:3@1,Linear all=15.000000
2015-01-17 02:44:39.550 filters & delay LDH:4@1,Linear all=15.000000
2015-01-17 02:44:39.550 [2015-01-16 14:39:44.000000] continuity found: 24669293
474734384.000000 Q=100
2015-01-17 02:44:39.550 [2015-01-16 14:39:44.000000] restoring continuity
2015-01-17 02:44:39.550 Sending DT_OPEN
2015-01-17 02:44:39.550 Station: XX-2017
2015-01-17 02:44:39.550 Q330 Serial Number: 0100000DB18FC351
2015-01-17 02:44:39.550 AMB Serial Number: 0100000B6909DD82
2015-01-17 02:44:39.550 Seismo 1 Serial Number: 0000000000000000
2015-01-17 02:44:39.550 Seismo 2 Serial Number: 0000000000000000
2015-01-17 02:44:39.550 QAPCHP 1 Serial Number: 4643206
2015-01-17 02:44:39.550 QAPCHP 2 Serial Number: 3743050
2015-01-17 02:44:39.550 KMI Property Tag Number: 2017
2015-01-17 02:44:39.550 System Software Version: 1.146
2015-01-17 02:44:39.550 Slave Processor Version: 1.11
2015-01-17 02:44:39.550 Calibrator Type: QCAL330
2015-01-17 02:44:39.550 Calibrator Version: 1.8
2015-01-17 02:44:39.550 Auxiliary Board Type: None
2015-01-17 02:44:39.550 Clock Type: Motorola M12
2015-01-17 02:44:39.550 PLD Version: 7.9
2015-01-17 02:44:39.550 Total Hours: 72007.32
2015-01-17 02:44:39.550 Power On Hours: 36637.71
2015-01-17 02:44:39.550 Time of Last Boot: 2014-04-06 02:03:58
2015-01-17 02:44:39.550 Total Number of Boots: 120
2015-01-17 02:44:39.550 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-17 02:44:39.550 Total Number of Re-Syncs: 213
2015-01-17 02:44:39.550 Status Inputs: 00000000
2015-01-17 02:44:39.550 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-17 02:44:39.550 Clock Quality: 100%
2015-01-17 02:44:39.550 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-17 02:44:39.550 Clock Phase: 0 usec. max allowed=50000
2015-01-17 02:44:39.550 Boom positions:
2015-01-17 02:44:39.550 Ch1: -2 Ch2: 1 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-17 02:44:39.550 Analog Status
2015-01-17 02:44:39.550 Analog Positive Supply: 5.46V
2015-01-17 02:44:39.550 Input Voltage: 13.20V
2015-01-17 02:44:39.550 System Temperature: 5C
2015-01-17 02:44:39.550 Main Current: 62ma
2015-01-17 02:44:39.550 Antenna Current: 0ma
2015-01-17 02:44:39.550 GPS Status
2015-01-17 02:44:39.550 Time: 02:44:37
2015-01-17 02:44:39.550 Date:
2015-01-17 02:44:39.550 Fix Type: 1-D
2015-01-17 02:44:39.550 Height:
2015-01-17 02:44:39.550 Latitude:
2015-01-17 02:44:39.550 Longitude:
2015-01-17 02:44:39.550 On Time: 0min

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2015-01-17 02:44:39.550 Sat. Used: 0  
 2015-01-17 02:44:39.550 In View: 0  
 2015-01-17 02:44:39.550 Checksum Errors: 0  
 2015-01-17 02:44:39.550 Last GPS timemark: 2015-01-17 02:44:36  
 2015-01-17 02:44:39.550 PLL Status  
 2015-01-17 02:44:39.550 State: Lock  
 2015-01-17 02:44:39.550 Initial VCO: 2200.777344  
 2015-01-17 02:44:39.550 Time Error: -0.000001  
 2015-01-17 02:44:39.550 Best VCO: 2200.64  
 2015-01-17 02:44:39.550 Seconds Since Track or Lock: 0.0  
 2015-01-17 02:44:39.550 Vco Control: 2201  
 2015-01-17 02:44:39.550 timing mode: external seascan  
 2015-01-17 02:44:39.550 tempco normal  
 2015-01-17 02:44:39.550 PLL update: 10s PLL lock criterion: 5us  
 2015-01-17 02:44:39.550 Pfrac: 150.00  
 2015-01-17 02:44:39.550 VCO slope: -0.0175000  
 2015-01-17 02:44:39.550 VCO intercept: 7.1100001  
 2015-01-17 02:44:39.550 km delta: 600.0000000  
 2015-01-17 02:44:39.550 Logical Port 4 Status  
 2015-01-17 02:44:39.550 Data Packets Sent: 28490022  
 2015-01-17 02:44:39.550 Flood Packets Sent: 0  
 2015-01-17 02:44:39.550 Packets Re-Sent: 45407  
 2015-01-17 02:44:39.550 Sequence Errors: 0  
 2015-01-17 02:44:39.550 Packet Buffer Used: 22174752  
 2015-01-17 02:44:39.550 Physical Port: Ethernet  
 2015-01-17 02:44:39.550 Baler Model: 14 Software Version: 2.28  
 2015-01-17 02:44:39.550 MAC Address: 00:04:FB:00:02:EA  
 2015-01-17 02:44:39.550 Disk Size: 20000669696  
 2015-01-17 02:44:39.550 Percent of 1177 data files in use: 54.4  
 2015-01-17 02:44:39.550 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-17 02:44:39.550 Channel Sensitivities (uV per count):  
 2015-01-17 02:44:39.550 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-17 02:44:39.550 Digitizer Calibration Results:  
 2015-01-17 02:44:39.550 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-17 02:44:39.550 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-17 02:44:39.550 DMU1 Software Version=10  
 2015-01-17 02:44:39.550 Supply Voltage=12.6  
 2015-01-17 02:44:39.550 Supply Current=0.41  
 2015-01-17 02:44:39.550 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-17 02:44:39.550 WebLink Data Maps Restored  
 2015-01-17 02:44:39.550 [2015-01-16 14:39:44.000000] sequence resumes: 24669293 to  
 24669293  
 2015-01-17 02:44:39.550 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-17 02:44:38  
 2015-01-17 02:48:52.490 [2015-01-17 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-01-17 02:50:17.180 Reducing Status Polling Interval  
 2015-01-17 02:50:17.180 [2015-01-17 02:50:15.999998] total packets received: 48622  
 2015-01-17 02:50:17.180 [2015-01-17 02:50:15.999998] command timeouts: 6  
 2015-01-17 02:50:17.180 [2015-01-17 02:50:15.999998] out of window: 75  
 2015-01-17 02:50:17.180 written: HHZ-1183 HH1-1337 HH2-1397 BDH-441 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-01-17 02:50:17.180 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-26  
 VMZ-2 VM1-2  
 2015-01-17 02:50:17.180 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-01-17 02:50:17.180 [2015-01-17 02:50:15.999998] Done: 4503 recs. seq end:  
 24713125. run: 333 s  
 2015-01-17 14:51:10.620  
 2015-01-17 14:51:10.620 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-17 14:51:10.620 Control Port 2491 Opened  
 2015-01-17 14:51:10.620 Baler ready on Ethernet  
 2015-01-17 14:51:10.620 Power Cycled Baler Acknowledged  
 2015-01-17 14:51:10.620 Commands Accepted by Q330

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2015-01-17 14:51:10.620 Access timeout: 300 sec  
 2015-01-17 14:51:10.620 Control Port 4023 Opened  
 2015-01-17 14:51:10.620 Data Port 4024 Opened  
 2015-01-17 14:51:10.620 Registered with Q330  
 2015-01-17 14:51:10.620 Combination Record Received  
 2015-01-17 14:51:10.620 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-17 14:51:10.620 Link Reset, starting window sequence: 27433  
 2015-01-17 14:51:10.620 GPS Receiver ID Received  
 2015-01-17 14:51:10.620 Manufacturer's Data Received, Property Tag=2017  
 2015-01-17 14:51:10.620 Digitizer Gain & Offsets Received  
 2015-01-17 14:51:10.620 Msg From 192.168.200.119:Baler XX-2017 readback. 4503 recs.  
 seq end: 24713125  
 2015-01-17 14:51:10.620 Baler clock set to 2015-01-17 14:51:09  
 2015-01-17 14:51:10.620 Starting to Read DP Tokens  
 2015-01-17 14:51:10.620 DP Tokens loaded, size=1474 bytes  
 2015-01-17 14:51:10.620 webserver advertising 192.168.200.119:5380  
 2015-01-17 14:51:10.620 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-01-17 14:51:10.620 filters & delay HH1:2@100,Linear all=0.320000  
 2015-01-17 14:51:10.620 filters & delay HH2:3@100,Linear all=0.320000  
 2015-01-17 14:51:10.620 filters & delay BDH:4@20,Linear all=1.650000  
 2015-01-17 14:51:10.620 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-01-17 14:51:10.620 filters & delay LH1:2@1,Linear all=15.000000  
 2015-01-17 14:51:10.620 filters & delay LH2:3@1,Linear all=15.000000  
 2015-01-17 14:51:10.620 filters & delay LDH:4@1,Linear all=15.000000  
 2015-01-17 14:51:10.620 [2015-01-17 02:50:15.999998] continuity found: 24713125  
 474778216.000000 Q=100  
 2015-01-17 14:51:10.620 [2015-01-17 02:50:15.999998] restoring continuity  
 2015-01-17 14:51:10.620 Sending DT\_OPEN  
 2015-01-17 14:51:10.620 Station: XX-2017  
 2015-01-17 14:51:10.620 Q330 Serial Number: 0100000DB18FC351  
 2015-01-17 14:51:10.620 AMB Serial Number: 0100000B6909DD82  
 2015-01-17 14:51:10.620 Seismo 1 Serial Number: 0000000000000000  
 2015-01-17 14:51:10.620 Seismo 2 Serial Number: 0000000000000000  
 2015-01-17 14:51:10.620 QAPCHP 1 Serial Number: 4643206  
 2015-01-17 14:51:10.620 QAPCHP 2 Serial Number: 3743050  
 2015-01-17 14:51:10.620 KMI Property Tag Number: 2017  
 2015-01-17 14:51:10.620 System Software Version: 1.146  
 2015-01-17 14:51:10.620 Slave Processor Version: 1.11  
 2015-01-17 14:51:10.620 Calibrator Type: QCAL330  
 2015-01-17 14:51:10.620 Calibrator Version: 1.8  
 2015-01-17 14:51:10.620 Auxiliary Board Type: None  
 2015-01-17 14:51:10.620 Clock Type: Motorola M12  
 2015-01-17 14:51:10.620 PLD Version: 7.9  
 2015-01-17 14:51:10.620 Total Hours: 72019.43  
 2015-01-17 14:51:10.620 Power On Hours: 36649.82  
 2015-01-17 14:51:10.620 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-17 14:51:10.620 Total Number of Boots: 120  
 2015-01-17 14:51:10.620 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-17 14:51:10.620 Total Number of Re-Syncs: 213  
 2015-01-17 14:51:10.620 Status Inputs: 00000000  
 2015-01-17 14:51:10.620 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-17 14:51:10.620 Clock Quality: 100%  
 2015-01-17 14:51:10.620 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-17 14:51:10.620 Clock Phase: 0 usec. max allowed=50000  
 2015-01-17 14:51:10.620 Boom positions:  
 2015-01-17 14:51:10.620 ch1: -2 ch2: 0 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2015-01-17 14:51:10.620 Analog Status  
 2015-01-17 14:51:10.620 Analog Positive Supply: 5.46V  
 2015-01-17 14:51:10.620 Input Voltage: 13.35V  
 2015-01-17 14:51:10.620 System Temperature: 5C  
 2015-01-17 14:51:10.620 Main Current: 67ma  
 2015-01-17 14:51:10.620 Antenna Current: Oma  
 2015-01-17 14:51:10.620 GPS Status

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2015-01-17 14:51:10.620 Time: 14:51:09  
 2015-01-17 14:51:10.620 Date:  
 2015-01-17 14:51:10.620 Fix Type: 1-D  
 2015-01-17 14:51:10.620 Height:  
 2015-01-17 14:51:10.620 Latitude:  
 2015-01-17 14:51:10.620 Longitude:  
 2015-01-17 14:51:10.620 On Time: 0min  
 2015-01-17 14:51:10.620 Sat. Used: 0  
 2015-01-17 14:51:10.620 In View: 0  
 2015-01-17 14:51:10.620 Checksum Errors: 0  
 2015-01-17 14:51:10.620 Last GPS timemark: 2015-01-17 14:51:08  
 2015-01-17 14:51:10.620 PLL Status  
 2015-01-17 14:51:10.620 State: Lock  
 2015-01-17 14:51:10.620 Initial VCO: 2201.000000  
 2015-01-17 14:51:10.620 Time Error: 0.000000  
 2015-01-17 14:51:10.620 RMS VCO: 0.000000  
 2015-01-17 14:51:10.620 Best VCO: 2201.00  
 2015-01-17 14:51:10.620 Seconds Since Track or Lock: 0.0  
 2015-01-17 14:51:10.620 Vco Control: 2201  
 2015-01-17 14:51:10.620 timing mode: external seascan  
 2015-01-17 14:51:10.620 tempco normal  
 2015-01-17 14:51:10.620 PLL update: 10s PLL lock criterion: 5us  
 2015-01-17 14:51:10.620 Pfrac: 150.00  
 2015-01-17 14:51:10.620 VCO slope: -0.0175000  
 2015-01-17 14:51:10.620 VCO intercept: 7.1100001  
 2015-01-17 14:51:10.620 Km delta: 600.000000  
 2015-01-17 14:51:10.620 Logical Port 4 Status  
 2015-01-17 14:51:10.620 Data Packets Sent: 28538538  
 2015-01-17 14:51:10.620 Flood Packets Sent: 0  
 2015-01-17 14:51:10.620 Packets Re-Sent: 45496  
 2015-01-17 14:51:10.620 Sequence Errors: 0  
 2015-01-17 14:51:10.620 Packet Buffer Used: 22068532  
 2015-01-17 14:51:10.620 Physical Port: Ethernet  
 2015-01-17 14:51:10.620 Baler Model: 14 Software Version: 2.28  
 2015-01-17 14:51:10.620 MAC Address: 00:04:FB:00:02:EA  
 2015-01-17 14:51:10.620 Disk Size: 20000669696  
 2015-01-17 14:51:10.620 Percent of 1177 data files in use: 54.5  
 2015-01-17 14:51:10.620 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-17 14:51:10.620 Channel Sensitivities (uV per count):  
 2015-01-17 14:51:10.620 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-17 14:51:10.620 Digitizer Calibration Results:  
 2015-01-17 14:51:10.620 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-17 14:51:10.620 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-17 14:51:10.620 DMU1 Software Version=10  
 2015-01-17 14:51:10.620 Supply Voltage=12.7  
 2015-01-17 14:51:10.620 Supply Current=0.41  
 2015-01-17 14:51:10.620 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-17 14:51:10.620 WebLink Data Maps Restored  
 2015-01-17 14:51:10.620 [2015-01-17 02:50:15.999998] sequence resumes: 24713125 to  
 24713125  
 2015-01-17 14:51:10.620 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-17 14:51:09  
 2015-01-17 14:56:39.740 [2015-01-17 14:49:34.000000] total packets received: 50804  
 2015-01-17 14:56:39.740 [2015-01-17 14:49:34.000000] command timeouts: 6  
 2015-01-17 14:56:39.740 [2015-01-17 14:49:34.000000] out of window: 55  
 2015-01-17 14:56:39.740 written: HHZ-1167 HH1-1314 HH2-1373 BDH-440 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-01-17 14:56:39.740 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-27  
 VMZ-2 VM1-2  
 2015-01-17 14:56:39.740 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-01-17 14:56:39.740 [2015-01-17 14:49:34.000000] Done: 4438 recs. seq end:  
 24756283. run: 325 s  
 2015-01-18 02:57:33.560



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2015-01-18 02:57:33.560 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-18 02:57:33.560 Control Port 2491 Opened
2015-01-18 02:57:33.560 Baler ready on Ethernet
2015-01-18 02:57:33.560 Power Cycled Baler Acknowledged
2015-01-18 02:57:33.560 Commands Accepted by Q330
2015-01-18 02:57:33.560 Access timeout: 300 sec
2015-01-18 02:57:33.560 Control Port 4023 Opened
2015-01-18 02:57:33.560 Data Port 4024 Opened
2015-01-18 02:57:33.560 Registered with Q330
2015-01-18 02:57:33.560 Combination Record Received
2015-01-18 02:57:33.560 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-18 02:57:33.560 Link Reset, starting window sequence: 12611
2015-01-18 02:57:33.560 GPS Receiver ID Received
2015-01-18 02:57:33.560 Manufacturer's Data Received, Property Tag=2017
2015-01-18 02:57:33.560 Digitizer Gain & Offsets Received
2015-01-18 02:57:33.560 Msg From 192.168.200.119:Baler XX-2017 readback. 4438 recs.
seq end: 24756283
2015-01-18 02:57:33.560 Baler clock set to 2015-01-18 02:57:32
2015-01-18 02:57:33.560 Starting to Read DP Tokens
2015-01-18 02:57:33.560 DP Tokens loaded, size=1474 bytes
2015-01-18 02:57:33.560 Webserver advertising 192.168.200.119:5380
2015-01-18 02:57:33.560 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-18 02:57:33.560 filters & delay HH1:2@100,Linear all=0.320000
2015-01-18 02:57:33.560 filters & delay HH2:3@100,Linear all=0.320000
2015-01-18 02:57:33.560 filters & delay BDH:4@20,Linear all=1.650000
2015-01-18 02:57:33.560 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-18 02:57:33.560 filters & delay LH1:2@1,Linear all=15.000000
2015-01-18 02:57:33.560 filters & delay LH2:3@1,Linear all=15.000000
2015-01-18 02:57:33.560 filters & delay LDH:4@1,Linear all=15.000000
2015-01-18 02:57:33.560 [2015-01-17 14:49:34.000000] continuity found: 24756283
474821374.000000 Q=100
2015-01-18 02:57:33.560 [2015-01-17 14:49:34.000000] restoring continuity
2015-01-18 02:57:33.560 Station: XX-2017
2015-01-18 02:57:33.560 Q330 Serial Number: 0100000DB18FC351
2015-01-18 02:57:33.560 AMB Serial Number: 0100000B6909DD82
2015-01-18 02:57:33.560 Seismo 1 Serial Number: 0000000000000000
2015-01-18 02:57:33.560 Seismo 2 Serial Number: 0000000000000000
2015-01-18 02:57:33.560 QAPCHP 1 Serial Number: 4643206
2015-01-18 02:57:33.560 QAPCHP 2 Serial Number: 3743050
2015-01-18 02:57:33.560 KMI Property Tag Number: 2017
2015-01-18 02:57:33.560 System Software Version: 1.146
2015-01-18 02:57:33.560 Slave Processor Version: 1.11
2015-01-18 02:57:33.560 Calibrator Type: QCAL330
2015-01-18 02:57:33.560 Calibrator Version: 1.8
2015-01-18 02:57:33.560 Auxiliary Board Type: None
2015-01-18 02:57:33.560 Clock Type: Motorola M12
2015-01-18 02:57:33.560 PLD Version: 7.9
2015-01-18 02:57:33.560 Total Hours: 72031.54
2015-01-18 02:57:33.560 Power On Hours: 36661.92
2015-01-18 02:57:33.560 Time of Last Boot: 2014-04-06 02:03:58
2015-01-18 02:57:33.560 Total Number of Boots: 120
2015-01-18 02:57:33.560 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-18 02:57:33.560 Total Number of Re-Syncs: 213
2015-01-18 02:57:33.560 Status Inputs: 00000000
2015-01-18 02:57:33.560 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-18 02:57:33.560 Clock Quality: 100%
2015-01-18 02:57:33.560 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-18 02:57:33.560 Clock Phase: 0 usec. max allowed=50000
2015-01-18 02:57:33.560 Boom positions:
2015-01-18 02:57:33.560 ch1: -2 ch2: 0 ch3: -2 ch4: 20 ch5: 20 ch6: 20
2015-01-18 02:57:33.560 Analog Status
2015-01-18 02:57:33.560 Analog Positive Supply: 5.46V
2015-01-18 02:57:33.560 Input voltage: 13.35V

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2015-01-18 02:57:33.560 System Temperature: 5C  
 2015-01-18 02:57:33.560 Main Current: 62ma  
 2015-01-18 02:57:33.560 Antenna Current: 0ma  
 2015-01-18 02:57:33.560 GPS Status  
 2015-01-18 02:57:33.560 Time: 02:57:32  
 2015-01-18 02:57:33.560 Date:  
 2015-01-18 02:57:33.560 Fix Type: 1-D  
 2015-01-18 02:57:33.560 Height:  
 2015-01-18 02:57:33.560 Latitude:  
 2015-01-18 02:57:33.560 Longitude:  
 2015-01-18 02:57:33.560 On Time: 0min  
 2015-01-18 02:57:33.560 Sat. Used: 0  
 2015-01-18 02:57:33.560 In View: 0  
 2015-01-18 02:57:33.560 Checksum Errors: 0  
 2015-01-18 02:57:33.560 Last GPS timemark: 2015-01-18 02:57:31  
 2015-01-18 02:57:33.560 PLL Status  
 2015-01-18 02:57:33.560 State: Lock  
 2015-01-18 02:57:33.560 Initial VCO: 2201.000000  
 2015-01-18 02:57:33.560 Time Error: 0.000000  
 2015-01-18 02:57:33.560 RMS VCO: 0.000000  
 2015-01-18 02:57:33.560 Best VCO: 2201.00  
 2015-01-18 02:57:33.560 Seconds Since Track or Lock: 0.0  
 2015-01-18 02:57:33.560 Vco Control: 2201  
 2015-01-18 02:57:33.560 timing mode: external seascan  
 2015-01-18 02:57:33.560 tempco normal  
 2015-01-18 02:57:33.560 PLL update: 10s PLL lock criterion: 5us  
 2015-01-18 02:57:33.560 Pfrac: 150.00  
 2015-01-18 02:57:33.560 VCO slope: -0.0175000  
 2015-01-18 02:57:33.560 VCO intercept: 7.1100001  
 2015-01-18 02:57:33.560 km delta: 600.0000000  
 2015-01-18 02:57:33.560 Logical Port 4 Status  
 2015-01-18 02:57:33.560 Data Packets Sent: 28589257  
 2015-01-18 02:57:33.560 Flood Packets Sent: 0  
 2015-01-18 02:57:33.560 Packets Re-Sent: 45574  
 2015-01-18 02:57:33.560 Sequence Errors: 0  
 2015-01-18 02:57:33.560 Packet Buffer Used: 22418912  
 2015-01-18 02:57:33.560 Physical Port: Ethernet  
 2015-01-18 02:57:33.560 Baler Model: 14 Software Version: 2.28  
 2015-01-18 02:57:33.560 MAC Address: 00:04:FB:00:02:EA  
 2015-01-18 02:57:33.560 Disk Size: 20000669696  
 2015-01-18 02:57:33.560 Percent of 1177 data files in use: 54.5  
 2015-01-18 02:57:33.560 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-18 02:57:33.560 Channel Sensitivities (uV per count):  
 2015-01-18 02:57:33.560 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-18 02:57:33.560 Digitizer Calibration Results:  
 2015-01-18 02:57:33.560 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-18 02:57:33.560 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-18 02:57:33.560 DMU1 Software Version=10  
 2015-01-18 02:57:33.560 Supply Voltage=12.7  
 2015-01-18 02:57:33.560 Supply Current=0.41  
 2015-01-18 02:57:33.560 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-18 02:57:33.560 webLink Data Maps Restored  
 2015-01-18 02:57:33.560 [2015-01-17 14:49:34.000000] sequence resumes: 24756283 to  
 24756283  
 2015-01-18 02:57:33.560 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-18 02:57:32  
 2015-01-18 03:01:49.300 [2015-01-18 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2015-01-18 03:03:15.040 Reducing Status Polling Interval  
 2015-01-18 03:03:15.040 [2015-01-18 03:03:13.999998] total packets received: 50998  
 2015-01-18 03:03:15.040 [2015-01-18 03:03:13.999998] command timeouts: 6  
 2015-01-18 03:03:15.040 [2015-01-18 03:03:13.999998] out of window: 58  
 2015-01-18 03:03:15.040 written: HHZ-1203 HH1-1388 HH2-1375 BDH-446 VEP-1 VEC-2

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VEA-1 VKI-1 VCO-1  
2015-01-18 03:03:15.040 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-26  
VMZ-1 VM1-1  
2015-01-18 03:03:15.040 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
2015-01-18 03:03:15.040 [2015-01-18 03:03:13.999998] Done: 4551 recs. seq end:  
24800303. run: 337 s  
2015-01-18 15:04:09.630  
2015-01-18 15:04:09.630 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2015-01-18 15:04:09.630 Control Port 2491 Opened  
2015-01-18 15:04:09.630 Baler ready on Ethernet  
2015-01-18 15:04:09.630 Power Cycled Baler Acknowledged  
2015-01-18 15:04:09.630 Commands Accepted by Q330  
2015-01-18 15:04:09.630 Access timeout: 300 sec  
2015-01-18 15:04:09.630 Control Port 4023 Opened  
2015-01-18 15:04:09.630 Data Port 4024 Opened  
2015-01-18 15:04:09.630 Registered with Q330  
2015-01-18 15:04:09.630 Combination Record Received  
2015-01-18 15:04:09.630 window=4 Min. Timeout=10 Max. Timeout=30  
2015-01-18 15:04:09.630 Link Reset, starting window sequence: 63515  
2015-01-18 15:04:09.630 GPS Receiver ID Received  
2015-01-18 15:04:09.630 Manufacturer's Data Received, Property Tag=2017  
2015-01-18 15:04:09.630 Digitizer Gain & Offsets Received  
2015-01-18 15:04:09.630 Msg From 192.168.200.119:Baler XX-2017 readback. 4551 recs.  
seq end: 24800303  
2015-01-18 15:04:09.630 Baler clock set to 2015-01-18 15:04:08  
2015-01-18 15:04:09.630 Starting to Read DP Tokens  
2015-01-18 15:04:09.630 DP Tokens loaded, size=1474 bytes  
2015-01-18 15:04:09.630 webserver advertising 192.168.200.119:5380  
2015-01-18 15:04:09.630 filters & delay HHZ:1@100,Linear all=0.320000  
2015-01-18 15:04:09.630 filters & delay HH1:2@100,Linear all=0.320000  
2015-01-18 15:04:09.630 filters & delay HH2:3@100,Linear all=0.320000  
2015-01-18 15:04:09.630 filters & delay BDH:4@20,Linear all=1.650000  
2015-01-18 15:04:09.630 filters & delay LHZ:1@1,Linear all=15.000000  
2015-01-18 15:04:09.630 filters & delay LH1:2@1,Linear all=15.000000  
2015-01-18 15:04:09.630 filters & delay LH2:3@1,Linear all=15.000000  
2015-01-18 15:04:09.630 filters & delay LDH:4@1,Linear all=15.000000  
2015-01-18 15:04:09.630 [2015-01-18 03:03:13.999998] continuity found: 24800303  
474865394.000000 Q=100  
2015-01-18 15:04:09.630 [2015-01-18 03:03:13.999998] restoring continuity  
2015-01-18 15:04:09.630 Sending DT\_OPEN  
2015-01-18 15:04:09.630 Station: XX-2017  
2015-01-18 15:04:09.630 Q330 Serial Number: 0100000DB18FC351  
2015-01-18 15:04:09.630 AMB Serial Number: 0100000B6909DD82  
2015-01-18 15:04:09.630 Seismo 1 Serial Number: 0000000000000000  
2015-01-18 15:04:09.630 Seismo 2 Serial Number: 0000000000000000  
2015-01-18 15:04:09.630 QAPCHP 1 Serial Number: 4643206  
2015-01-18 15:04:09.630 QAPCHP 2 Serial Number: 3743050  
2015-01-18 15:04:09.630 KMI Property Tag Number: 2017  
2015-01-18 15:04:09.630 System Software Version: 1.146  
2015-01-18 15:04:09.630 Slave Processor Version: 1.11  
2015-01-18 15:04:09.630 Calibrator Type: QCAL330  
2015-01-18 15:04:09.630 Calibrator Version: 1.8  
2015-01-18 15:04:09.630 Auxiliary Board Type: None  
2015-01-18 15:04:09.630 Clock Type: Motorola M12  
2015-01-18 15:04:09.630 PLD Version: 7.9  
2015-01-18 15:04:09.630 Total Hours: 72043.65  
2015-01-18 15:04:09.630 Power On Hours: 36674.03  
2015-01-18 15:04:09.630 Time of Last Boot: 2014-04-06 02:03:58  
2015-01-18 15:04:09.630 Total Number of Boots: 120  
2015-01-18 15:04:09.630 Time of Last Re-Sync: 2014-04-06 02:17:08  
2015-01-18 15:04:09.630 Total Number of Re-Syncs: 213  
2015-01-18 15:04:09.630 Status Inputs: 00000000  
2015-01-18 15:04:09.630 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off

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2015-01-18 15:04:09.630 Clock Quality: 100%  
 2015-01-18 15:04:09.630 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-18 15:04:09.630 Clock Phase: 0 usec. max allowed=50000  
 2015-01-18 15:04:09.630 Boom positions:  
 2015-01-18 15:04:09.630 ch1: -2 ch2: -1 ch3: -1 ch4: 20 ch5: 20 ch6: 20  
 2015-01-18 15:04:09.630 Analog Status  
 2015-01-18 15:04:09.630 Analog Positive Supply: 5.46V  
 2015-01-18 15:04:09.630 Input Voltage: 13.20V  
 2015-01-18 15:04:09.630 System Temperature: 5C  
 2015-01-18 15:04:09.630 Main Current: 62ma  
 2015-01-18 15:04:09.630 Antenna Current: 0ma  
 2015-01-18 15:04:09.630 GPS Status  
 2015-01-18 15:04:09.630 Time: 15:04:08  
 2015-01-18 15:04:09.630 Date:  
 2015-01-18 15:04:09.630 Fix Type: 1-D  
 2015-01-18 15:04:09.630 Height:  
 2015-01-18 15:04:09.630 Latitude:  
 2015-01-18 15:04:09.630 Longitude:  
 2015-01-18 15:04:09.630 On Time: 0min  
 2015-01-18 15:04:09.630 Sat. Used: 0  
 2015-01-18 15:04:09.630 In View: 0  
 2015-01-18 15:04:09.630 Checksum Errors: 0  
 2015-01-18 15:04:09.630 Last GPS timemark: 2015-01-18 15:04:07  
 2015-01-18 15:04:09.630 PLL Status  
 2015-01-18 15:04:09.630 State: Lock  
 2015-01-18 15:04:09.630 Initial VCO: 2201.000000  
 2015-01-18 15:04:09.630 Time Error: 0.000000  
 2015-01-18 15:04:09.630 RMS VCO: 0.000000  
 2015-01-18 15:04:09.630 Best VCO: 2201.00  
 2015-01-18 15:04:09.630 Seconds Since Track or Lock: 0.0  
 2015-01-18 15:04:09.630 Vco Control: 2201  
 2015-01-18 15:04:09.630 timing mode: external seascan  
 2015-01-18 15:04:09.630 tempco normal  
 2015-01-18 15:04:09.630 PLL update: 10s PLL lock criterion: 5us  
 2015-01-18 15:04:09.630 Pfrac: 150.00  
 2015-01-18 15:04:09.630 VCO slope: -0.0175000  
 2015-01-18 15:04:09.630 VCO intercept: 7.1100001  
 2015-01-18 15:04:09.630 Km delta: 600.000000  
 2015-01-18 15:04:09.630 Logical Port 4 Status  
 2015-01-18 15:04:09.630 Data Packets Sent: 28640166  
 2015-01-18 15:04:09.630 Flood Packets Sent: 0  
 2015-01-18 15:04:09.630 Packets Re-Sent: 45654  
 2015-01-18 15:04:09.630 Sequence Errors: 0  
 2015-01-18 15:04:09.630 Packet Buffer Used: 21964568  
 2015-01-18 15:04:09.630 Physical Port: Ethernet  
 2015-01-18 15:04:09.630 Baler Model: 14 Software Version: 2.28  
 2015-01-18 15:04:09.630 MAC Address: 00:04:FB:00:02:EA  
 2015-01-18 15:04:09.630 Disk Size: 20000669696  
 2015-01-18 15:04:09.630 Percent of 1177 data files in use: 54.6  
 2015-01-18 15:04:09.630 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-18 15:04:09.630 Channel Sensitivities (uV per count):  
 2015-01-18 15:04:09.630 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-18 15:04:09.630 Digitizer Calibration Results:  
 2015-01-18 15:04:09.630 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-18 15:04:09.630 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-18 15:04:09.630 DMU1 Software Version=10  
 2015-01-18 15:04:09.630 Supply Voltage=12.6  
 2015-01-18 15:04:09.630 Supply Current=0.41  
 2015-01-18 15:04:09.630 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-18 15:04:09.630 webLink Data Maps Restored  
 2015-01-18 15:04:09.630 [2015-01-18 03:03:13.999998] sequence resumes: 24800303 to 24800303  
 2015-01-18 15:09:38.140 Reducing Status Polling Interval

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2015-01-18 15:09:38.140 [2015-01-18 15:09:36.999998] total packets received: 45627
2015-01-18 15:09:38.140 [2015-01-18 15:09:36.999998] command timeouts: 6
2015-01-18 15:09:38.140 [2015-01-18 15:09:36.999998] out of window: 64
2015-01-18 15:09:38.140 written: HHZ-1157 HH1-1346 HH2-1377 BDH-438 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-01-18 15:09:38.140 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2015-01-18 15:09:38.140 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-18 15:09:38.140 [2015-01-18 15:09:36.999998] Done: 4460 recs. seq end:
24843886. run: 324 s
2015-01-19 03:10:31.640
2015-01-19 03:10:31.640 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-19 03:10:31.640 Control Port 2491 Opened
2015-01-19 03:10:31.640 Baler ready on Ethernet
2015-01-19 03:10:31.640 Power Cycled Baler Acknowledged
2015-01-19 03:10:31.640 Commands Accepted by Q330
2015-01-19 03:10:31.640 Access timeout: 300 sec
2015-01-19 03:10:31.640 Control Port 4023 Opened
2015-01-19 03:10:31.640 Data Port 4024 Opened
2015-01-19 03:10:31.640 Registered with Q330
2015-01-19 03:10:31.640 Combination Record Received
2015-01-19 03:10:31.640 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-19 03:10:31.640 Link Reset, starting window sequence: 43507
2015-01-19 03:10:31.640 GPS Receiver ID Received
2015-01-19 03:10:31.640 Manufacturer's Data Received, Property Tag=2017
2015-01-19 03:10:31.640 Digitizer Gain & Offsets Received
2015-01-19 03:10:31.640 Msg From 192.168.200.119:Baler XX-2017 readback. 4460 recs.
seq end: 24843886
2015-01-19 03:10:31.640 Baler clock set to 2015-01-19 03:10:30
2015-01-19 03:10:31.640 Starting to Read DP Tokens
2015-01-19 03:10:31.640 DP Tokens loaded, size=1474 bytes
2015-01-19 03:10:31.640 webserver advertising 192.168.200.119:5380
2015-01-19 03:10:31.640 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-19 03:10:31.640 filters & delay HH1:2@100,Linear all=0.320000
2015-01-19 03:10:31.640 filters & delay HH2:3@100,Linear all=0.320000
2015-01-19 03:10:31.640 filters & delay BDH:4@20,Linear all=1.650000
2015-01-19 03:10:31.640 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-19 03:10:31.640 filters & delay LH1:2@1,Linear all=15.000000
2015-01-19 03:10:31.640 filters & delay LH2:3@1,Linear all=15.000000
2015-01-19 03:10:31.640 filters & delay LDH:4@1,Linear all=15.000000
2015-01-19 03:10:31.640 [2015-01-18 15:09:36.999998] continuity found: 24843886
474908977.000000 Q=100
2015-01-19 03:10:31.640 [2015-01-18 15:09:36.999998] restoring continuity
2015-01-19 03:10:31.640 Sending DT_OPEN
2015-01-19 03:10:31.640 Station: XX-2017
2015-01-19 03:10:31.640 Q330 Serial Number: 0100000DB18FC351
2015-01-19 03:10:31.640 AMB Serial Number: 0100000B6909DD82
2015-01-19 03:10:31.640 Seismo 1 Serial Number: 0000000000000000
2015-01-19 03:10:31.640 Seismo 2 Serial Number: 0000000000000000
2015-01-19 03:10:31.640 QAPCHP 1 Serial Number: 4643206
2015-01-19 03:10:31.640 QAPCHP 2 Serial Number: 3743050
2015-01-19 03:10:31.640 KMI Property Tag Number: 2017
2015-01-19 03:10:31.640 System Software Version: 1.146
2015-01-19 03:10:31.640 Slave Processor Version: 1.11
2015-01-19 03:10:31.640 Calibrator Type: QCAL330
2015-01-19 03:10:31.640 Calibrator Version: 1.8
2015-01-19 03:10:31.640 Auxiliary Board Type: None
2015-01-19 03:10:31.640 Clock Type: Motorola M12
2015-01-19 03:10:31.640 PLD Version: 7.9
2015-01-19 03:10:31.640 Total Hours: 72055.75
2015-01-19 03:10:31.640 Power On Hours: 36686.14
2015-01-19 03:10:31.640 Time of Last Boot: 2014-04-06 02:03:58
2015-01-19 03:10:31.640 Total Number of Boots: 120

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2015-01-19 03:10:31.640 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-19 03:10:31.640 Total Number of Re-Syncs: 213  
 2015-01-19 03:10:31.640 Status Inputs: 00000000  
 2015-01-19 03:10:31.640 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-19 03:10:31.640 Clock Quality: 100%  
 2015-01-19 03:10:31.640 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-19 03:10:31.640 Clock Phase: 0 usec. max allowed=50000  
 2015-01-19 03:10:31.640 Boom positions:  
 2015-01-19 03:10:31.640 Ch1: -2 Ch2: -1 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-19 03:10:31.640 Analog Status  
 2015-01-19 03:10:31.640 Analog Positive Supply: 5.46V  
 2015-01-19 03:10:31.640 Input Voltage: 13.35V  
 2015-01-19 03:10:31.640 System Temperature: 5C  
 2015-01-19 03:10:31.640 Main Current: 62ma  
 2015-01-19 03:10:31.640 Antenna Current: 0ma  
 2015-01-19 03:10:31.640 GPS Status  
 2015-01-19 03:10:31.640 Time: 03:10:30  
 2015-01-19 03:10:31.640 Date:  
 2015-01-19 03:10:31.640 Fix Type: 1-D  
 2015-01-19 03:10:31.640 Height:  
 2015-01-19 03:10:31.640 Latitude:  
 2015-01-19 03:10:31.640 Longitude:  
 2015-01-19 03:10:31.640 On Time: 0min  
 2015-01-19 03:10:31.640 Sat. Used: 0  
 2015-01-19 03:10:31.640 In View: 0  
 2015-01-19 03:10:31.640 Checksum Errors: 0  
 2015-01-19 03:10:31.640 Last GPS timemark: 2015-01-19 03:10:29  
 2015-01-19 03:10:31.640 PLL Status  
 2015-01-19 03:10:31.640 State: Lock  
 2015-01-19 03:10:31.640 Initial VCO: 2201.101074  
 2015-01-19 03:10:31.640 Time Error: 0.000000  
 2015-01-19 03:10:31.640 RMS VCO: 0.000000  
 2015-01-19 03:10:31.640 Best VCO: 2201.09  
 2015-01-19 03:10:31.640 Seconds Since Track or Lock: 0.0  
 2015-01-19 03:10:31.640 Vco Control: 2201  
 2015-01-19 03:10:31.640 timing mode: external seascan  
 2015-01-19 03:10:31.640 tempco normal  
 2015-01-19 03:10:31.640 PLL update: 10s PLL lock criterion: 5us  
 2015-01-19 03:10:31.640 Pfrac: 150.00  
 2015-01-19 03:10:31.640 VCO slope: -0.0175000  
 2015-01-19 03:10:31.640 VCO intercept: 7.1100001  
 2015-01-19 03:10:31.640 Km delta: 600.000000  
 2015-01-19 03:10:31.640 Logical Port 4 Status  
 2015-01-19 03:10:31.640 Data Packets Sent: 28685699  
 2015-01-19 03:10:31.640 Flood Packets Sent: 0  
 2015-01-19 03:10:31.640 Packets Re-Sent: 45730  
 2015-01-19 03:10:31.640 Sequence Errors: 0  
 2015-01-19 03:10:31.640 Packet Buffer Used: 24031828  
 2015-01-19 03:10:31.640 Physical Port: Ethernet  
 2015-01-19 03:10:31.640 Baler Model: 14 Software Version: 2.28  
 2015-01-19 03:10:31.640 MAC Address: 00:04:FB:00:02:EA  
 2015-01-19 03:10:31.640 Disk Size: 20000669696  
 2015-01-19 03:10:31.640 Percent of 1177 data files in use: 54.7  
 2015-01-19 03:10:31.640 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-19 03:10:31.640 Channel Sensitivities (uV per count):  
 2015-01-19 03:10:31.640 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-19 03:10:31.640 Digitizer Calibration Results:  
 2015-01-19 03:10:31.640 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-19 03:10:31.640 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-19 03:10:31.640 DMU1 Software Version=10  
 2015-01-19 03:10:31.640 Supply Voltage=12.7  
 2015-01-19 03:10:31.640 Supply Current=0.41  
 2015-01-19 03:10:31.640 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A

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2015-01-19 03:10:31.640 WebLink Data Maps Restored
2015-01-19 03:10:31.640 [2015-01-18 15:09:36.999998] sequence resumes: 24843886 to
24843886
2015-01-19 03:10:31.640 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-19 03:10:30
2015-01-19 03:15:01.380 [2015-01-19 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-19 03:16:39.530 [2015-01-19 03:16:37.999998] total packets received: 70989
2015-01-19 03:16:39.530 [2015-01-19 03:16:37.999998] command timeouts: 6
2015-01-19 03:16:39.530 [2015-01-19 03:16:37.999998] out of window: 68
2015-01-19 03:16:39.530 written: HHZ-1306 HH1-1521 HH2-1521 BDH-455 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-19 03:16:39.530 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-26 LDH-33
VMZ-2 VM1-2
2015-01-19 03:16:39.530 written: VM2-2 LOG-3 ACE-2 OCF-2
2015-01-19 03:16:39.530 [2015-01-19 03:16:37.999998] Done: 4960 recs. seq end:
24887507. run: 365 s
2015-01-19 15:17:33.570
2015-01-19 15:17:33.570 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-19 15:17:33.570 Control Port 2491 Opened
2015-01-19 15:17:33.570 Baler ready on Ethernet
2015-01-19 15:17:33.570 Power Cycled Baler Acknowledged
2015-01-19 15:17:33.570 Commands Accepted by Q330
2015-01-19 15:17:33.570 Access timeout: 300 sec
2015-01-19 15:17:33.570 Control Port 4023 Opened
2015-01-19 15:17:33.570 Data Port 4024 Opened
2015-01-19 15:17:33.570 Registered with Q330
2015-01-19 15:17:33.570 Combination Record Received
2015-01-19 15:17:33.570 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-19 15:17:33.570 Link Reset, starting window sequence: 48854
2015-01-19 15:17:33.570 GPS Receiver ID Received
2015-01-19 15:17:33.570 Manufacturer's Data Received, Property Tag=2017
2015-01-19 15:17:33.570 Digitizer Gain & Offsets Received
2015-01-19 15:17:33.570 Msg From 192.168.200.119:Baler XX-2017 readback. 4960 recs.
seq end: 24887507
2015-01-19 15:17:33.570 Baler clock set to 2015-01-19 15:17:32
2015-01-19 15:17:33.570 Starting to Read DP Tokens
2015-01-19 15:17:33.570 DP Tokens loaded, size=1474 bytes
2015-01-19 15:17:33.570 Webserver advertising 192.168.200.119:5380
2015-01-19 15:17:33.570 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-19 15:17:33.570 filters & delay HH1:2@100,Linear all=0.320000
2015-01-19 15:17:33.570 filters & delay HH2:3@100,Linear all=0.320000
2015-01-19 15:17:33.570 filters & delay BDH:4@20,Linear all=1.650000
2015-01-19 15:17:33.570 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-19 15:17:33.570 filters & delay LH1:2@1,Linear all=15.000000
2015-01-19 15:17:33.570 filters & delay LH2:3@1,Linear all=15.000000
2015-01-19 15:17:33.570 filters & delay LDH:4@1,Linear all=15.000000
2015-01-19 15:17:33.570 [2015-01-19 03:16:37.999998] continuity found: 24887507
474952598.000000 Q=100
2015-01-19 15:17:33.570 [2015-01-19 03:16:37.999998] restoring continuity
2015-01-19 15:17:33.570 Sending DT_OPEN
2015-01-19 15:17:33.570 Station: XX-2017
2015-01-19 15:17:33.570 Q330 Serial Number: 0100000DB18FC351
2015-01-19 15:17:33.570 AMB Serial Number: 0100000B6909DD82
2015-01-19 15:17:33.570 Seismo 1 Serial Number: 0000000000000000
2015-01-19 15:17:33.570 Seismo 2 Serial Number: 0000000000000000
2015-01-19 15:17:33.570 QAPCHP 1 Serial Number: 4643206
2015-01-19 15:17:33.570 QAPCHP 2 Serial Number: 3743050
2015-01-19 15:17:33.570 KMI Property Tag Number: 2017
2015-01-19 15:17:33.570 System Software Version: 1.146
2015-01-19 15:17:33.570 Slave Processor Version: 1.11
2015-01-19 15:17:33.570 Calibrator Type: QCAL330
2015-01-19 15:17:33.570 Calibrator Version: 1.8

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2015-01-19 15:17:33.570 Auxiliary Board Type: None  
 2015-01-19 15:17:33.570 Clock Type: Motorola M12  
 2015-01-19 15:17:33.570 PLD Version: 7.9  
 2015-01-19 15:17:33.570 Total Hours: 72067.87  
 2015-01-19 15:17:33.570 Power On Hours: 36698.26  
 2015-01-19 15:17:33.570 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-19 15:17:33.570 Total Number of Boots: 120  
 2015-01-19 15:17:33.570 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-19 15:17:33.570 Total Number of Re-Syncs: 213  
 2015-01-19 15:17:33.570 Status Inputs: 00000000  
 2015-01-19 15:17:33.570 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-19 15:17:33.570 Clock Quality: 100%  
 2015-01-19 15:17:33.570 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-19 15:17:33.570 Clock Phase: 0 usec. max allowed=50000  
 2015-01-19 15:17:33.570 Boom positions:  
 2015-01-19 15:17:33.570 ch1: -2 ch2: -1 ch3: -1 ch4: 20 ch5: 20 ch6: 20  
 2015-01-19 15:17:33.570 Analog Status  
 2015-01-19 15:17:33.570 Analog Positive Supply: 5.46V  
 2015-01-19 15:17:33.570 Input Voltage: 13.20V  
 2015-01-19 15:17:33.570 System Temperature: 5C  
 2015-01-19 15:17:33.570 Main Current: 62ma  
 2015-01-19 15:17:33.570 Antenna Current: 0ma  
 2015-01-19 15:17:33.570 Time: 15:17:32  
 2015-01-19 15:17:33.570 Date:  
 2015-01-19 15:17:33.570 Fix Type: 1-D  
 2015-01-19 15:17:33.570 Height:  
 2015-01-19 15:17:33.570 Latitude:  
 2015-01-19 15:17:33.570 Longitude:  
 2015-01-19 15:17:33.570 On Time: 0min  
 2015-01-19 15:17:33.570 Sat. Used: 0  
 2015-01-19 15:17:33.570 In View: 0  
 2015-01-19 15:17:33.570 Checksum Errors: 0  
 2015-01-19 15:17:33.570 Last GPS timemark: 2015-01-19 15:17:31  
 2015-01-19 15:17:33.570 PLL Status  
 2015-01-19 15:17:33.570 State: Lock  
 2015-01-19 15:17:33.570 Initial VCO: 2201.939453  
 2015-01-19 15:17:33.570 Time Error: 0.000000  
 2015-01-19 15:17:33.570 RMS VCO: 0.000000  
 2015-01-19 15:17:33.570 Best VCO: 2201.96  
 2015-01-19 15:17:33.570 Seconds Since Track or Lock: 0.0  
 2015-01-19 15:17:33.570 Vco Control: 2202  
 2015-01-19 15:17:33.570 timing mode: external seascan  
 2015-01-19 15:17:33.570 tempco normal  
 2015-01-19 15:17:33.570 PLL update: 10s PLL lock criterion: 5us  
 2015-01-19 15:17:33.570 Pfrac: 150.00  
 2015-01-19 15:17:33.570 VCO slope: -0.0175000  
 2015-01-19 15:17:33.570 VCO intercept: 7.1100001  
 2015-01-19 15:17:33.570 Km delta: 600.0000000  
 2015-01-19 15:17:33.570 Logical Port 4 Status  
 2015-01-19 15:17:33.570 Data Packets Sent: 28756588  
 2015-01-19 15:17:33.570 Flood Packets Sent: 0  
 2015-01-19 15:17:33.570 Packets Re-Sent: 45815  
 2015-01-19 15:17:33.570 Sequence Errors: 0  
 2015-01-19 15:17:33.570 Packet Buffer Used: 24561748  
 2015-01-19 15:17:33.570 Physical Port: Ethernet  
 2015-01-19 15:17:33.570 Baler Model: 14 Software Version: 2.28  
 2015-01-19 15:17:33.570 MAC Address: 00:04:FB:00:02:EA  
 2015-01-19 15:17:33.570 Disk Size: 20000669696  
 2015-01-19 15:17:33.570 Percent of 1177 data files in use: 54.8  
 2015-01-19 15:17:33.570 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-19 15:17:33.570 Channel Sensitivities (uV per count):  
 2015-01-19 15:17:33.570 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-19 15:17:33.570 Digitizer Calibration Results:



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2015-01-19 15:17:33.570 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-19 15:17:33.570 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-19 15:17:33.570 DMU1 Software Version=10
2015-01-19 15:17:33.570 Supply Voltage=12.5
2015-01-19 15:17:33.570 Supply Current=0.41
2015-01-19 15:17:33.570 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-19 15:17:33.570 WebLink Data Maps Restored
2015-01-19 15:17:33.570 [2015-01-19 03:16:37.999998] sequence resumes: 24887507 to
24887507
2015-01-19 15:17:33.570 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-19 15:17:32
2015-01-19 15:23:54.150 Reducing Status Polling Interval
2015-01-19 15:23:54.150 [2015-01-19 15:23:53.999998] total packets received: 73696
2015-01-19 15:23:54.150 [2015-01-19 15:23:53.999998] command timeouts: 6
2015-01-19 15:23:54.150 [2015-01-19 15:23:53.999998] out of window: 72
2015-01-19 15:23:54.150 written: HHZ-1354 HH1-1521 HH2-1604 BDH-458 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-19 15:23:54.150 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-31 LH2-31 LDH-41
VMZ-1 VM1-1
2015-01-19 15:23:54.150 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-19 15:23:54.150 [2015-01-19 15:23:53.999998] Done: 5102 recs. seq end:
24931143. run: 377 s
2015-01-20 03:24:49.630
2015-01-20 03:24:49.630 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-20 03:24:49.630 Control Port 2491 Opened
2015-01-20 03:24:49.630 Baler ready on Ethernet
2015-01-20 03:24:49.630 Power Cycled Baler Acknowledged
2015-01-20 03:24:49.630 Commands Accepted by Q330
2015-01-20 03:24:49.630 Access timeout: 300 sec
2015-01-20 03:24:49.630 Control Port 4023 Opened
2015-01-20 03:24:49.630 Data Port 4024 Opened
2015-01-20 03:24:49.630 Registered with Q330
2015-01-20 03:24:49.630 Combination Record Received
2015-01-20 03:24:49.630 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-20 03:24:49.630 Link Reset, starting window sequence: 56903
2015-01-20 03:24:49.630 GPS Receiver ID Received
2015-01-20 03:24:49.630 Manufacturer's Data Received, Property Tag=2017
2015-01-20 03:24:49.630 Digitizer Gain & Offsets Received
2015-01-20 03:24:49.630 Msg From 192.168.200.119:Baler XX-2017 readback. 5102 recs.
seq end: 24931143
2015-01-20 03:24:49.630 Baler clock set to 2015-01-20 03:24:48
2015-01-20 03:24:49.630 Starting to Read DP Tokens
2015-01-20 03:24:49.630 DP Tokens loaded, size=1474 bytes
2015-01-20 03:24:49.630 webserver advertising 192.168.200.119:5380
2015-01-20 03:24:49.630 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-20 03:24:49.630 filters & delay HH1:2@100,Linear all=0.320000
2015-01-20 03:24:49.630 filters & delay HH2:3@100,Linear all=0.320000
2015-01-20 03:24:49.630 filters & delay BDH:4@20,Linear all=1.650000
2015-01-20 03:24:49.630 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-20 03:24:49.630 filters & delay LH1:2@1,Linear all=15.000000
2015-01-20 03:24:49.630 filters & delay LH2:3@1,Linear all=15.000000
2015-01-20 03:24:49.630 filters & delay LDH:4@1,Linear all=15.000000
2015-01-20 03:24:49.630 [2015-01-19 15:23:53.999998] continuity found: 24931143
474996234.000000 Q=100
2015-01-20 03:24:49.630 [2015-01-19 15:23:53.999998] restoring continuity
2015-01-20 03:24:49.630 Sending DT_OPEN
2015-01-20 03:24:49.630 Station: XX-2017
2015-01-20 03:24:49.630 Q330 Serial Number: 0100000DB18FC351
2015-01-20 03:24:49.630 AMB Serial Number: 0100000B6909DD82
2015-01-20 03:24:49.630 Seismo 1 Serial Number: 0000000000000000
2015-01-20 03:24:49.630 Seismo 2 Serial Number: 0000000000000000
2015-01-20 03:24:49.630 QAPCHP 1 Serial Number: 4643206
2015-01-20 03:24:49.630 QAPCHP 2 Serial Number: 3743050

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2015-01-20 03:24:49.630 KMI Property Tag Number: 2017  
 2015-01-20 03:24:49.630 System Software Version: 1.146  
 2015-01-20 03:24:49.630 Slave Processor Version: 1.11  
 2015-01-20 03:24:49.630 Calibrator Type: QCAL330  
 2015-01-20 03:24:49.630 Calibrator Version: 1.8  
 2015-01-20 03:24:49.630 Auxiliary Board Type: None  
 2015-01-20 03:24:49.630 Clock Type: Motorola M12  
 2015-01-20 03:24:49.630 PLD Version: 7.9  
 2015-01-20 03:24:49.630 Total Hours: 72079.99  
 2015-01-20 03:24:49.630 Power On Hours: 36710.38  
 2015-01-20 03:24:49.630 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-20 03:24:49.630 Total Number of Boots: 120  
 2015-01-20 03:24:49.630 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-20 03:24:49.630 Total Number of Re-Syncs: 213  
 2015-01-20 03:24:49.630 Status Inputs: 00000000  
 2015-01-20 03:24:49.630 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-01-20 03:24:49.630 Clock Quality: 100%  
 2015-01-20 03:24:49.630 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-20 03:24:49.630 Clock Phase: 0 usec. max allowed=50000  
 2015-01-20 03:24:49.630 Boom positions:  
 2015-01-20 03:24:49.630 ch1: -2 ch2: -1 ch3: 0 ch4: 20 ch5: 20 ch6: 20  
 2015-01-20 03:24:49.630 Analog Status  
 2015-01-20 03:24:49.630 Analog Positive Supply: 5.44V  
 2015-01-20 03:24:49.630 Input Voltage: 13.35V  
 2015-01-20 03:24:49.630 System Temperature: 5C  
 2015-01-20 03:24:49.630 Main Current: 62ma  
 2015-01-20 03:24:49.630 Antenna Current: 0ma  
 2015-01-20 03:24:49.630 GPS Status  
 2015-01-20 03:24:49.630 Time: 03:24:48  
 2015-01-20 03:24:49.630 Date:  
 2015-01-20 03:24:49.630 Fix Type: 1-D  
 2015-01-20 03:24:49.630 Height:  
 2015-01-20 03:24:49.630 Latitude:  
 2015-01-20 03:24:49.630 Longitude:  
 2015-01-20 03:24:49.630 On Time: 0min  
 2015-01-20 03:24:49.630 Sat. Used: 0  
 2015-01-20 03:24:49.630 In View: 0  
 2015-01-20 03:24:49.630 Checksum Errors: 0  
 2015-01-20 03:24:49.630 Last GPS timemark: 2015-01-20 03:24:47  
 2015-01-20 03:24:49.630 PLL Status  
 2015-01-20 03:24:49.630 State: Lock  
 2015-01-20 03:24:49.630 Initial VCO: 2201.626953  
 2015-01-20 03:24:49.630 Time Error: 0.000000  
 2015-01-20 03:24:49.630 RMS VCO: 0.000000  
 2015-01-20 03:24:49.630 Best VCO: 2201.63  
 2015-01-20 03:24:49.630 Seconds Since Track or Lock: 0.0  
 2015-01-20 03:24:49.630 Vco Control: 2201  
 2015-01-20 03:24:49.630 timing mode: external seascan  
 2015-01-20 03:24:49.630 tempco normal  
 2015-01-20 03:24:49.630 PLL update: 10s PLL lock criterion: 5us  
 2015-01-20 03:24:49.630 Pfrac: 150.00  
 2015-01-20 03:24:49.630 VCO slope: -0.0175000  
 2015-01-20 03:24:49.630 VCO intercept: 7.1100001  
 2015-01-20 03:24:49.630 Km delta: 600.0000000  
 2015-01-20 03:24:49.630 Logical Port 4 Status  
 2015-01-20 03:24:49.630 Data Packets Sent: 28830179  
 2015-01-20 03:24:49.630 Flood Packets Sent: 0  
 2015-01-20 03:24:49.630 Packets Re-Sent: 45908  
 2015-01-20 03:24:49.630 Sequence Errors: 0  
 2015-01-20 03:24:49.630 Packet Buffer Used: 22815492  
 2015-01-20 03:24:49.630 Physical Port: Ethernet  
 2015-01-20 03:24:49.630 Baler Model: 14 Software Version: 2.28  
 2015-01-20 03:24:49.630 MAC Address: 00:04:FB:00:02:EA

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2015-01-20 03:24:49.630 Disk Size: 20000669696
2015-01-20 03:24:49.630 Percent of 1177 data files in use: 55.0
2015-01-20 03:24:49.630 Channels Enabled: 1234 Preamps ON channels:
2015-01-20 03:24:49.630 Channel Sensitivities (uV per count):
2015-01-20 03:24:49.630 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-20 03:24:49.630 Digitizer Calibration Results:
2015-01-20 03:24:49.630 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-20 03:24:49.630 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-20 03:24:49.630 DMU1 Software Version=10
2015-01-20 03:24:49.630 Supply Voltage=12.7
2015-01-20 03:24:49.630 Supply Current=0.41
2015-01-20 03:24:49.630 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-20 03:24:49.630 WebLink Data Maps Restored
2015-01-20 03:24:49.630 [2015-01-19 15:23:53.999998] sequence resumes: 24931143 to
24931143
2015-01-20 03:24:49.630 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-20 03:24:48
2015-01-20 03:29:07.560 [2015-01-19 23:59:59.999998] Saving Configuration to Backup
Memory
2015-01-20 03:30:40.110 [2015-01-20 03:23:08.000000] total packets received: 52985
2015-01-20 03:30:40.110 [2015-01-20 03:23:08.000000] command timeouts: 6
2015-01-20 03:30:40.110 [2015-01-20 03:23:08.000000] out of window: 77
2015-01-20 03:30:40.110 written: HHZ-1185 HH1-1424 HH2-1421 BDH-448 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-20 03:30:40.110 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-27 LH2-29 LDH-37
VMZ-2 VM1-2
2015-01-20 03:30:40.110 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-01-20 03:30:40.110 [2015-01-20 03:23:08.000000] Done: 4645 recs. seq end:
24974297. run: 345 s
2015-01-20 15:31:35.640
2015-01-20 15:31:35.640 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-20 15:31:35.640 Control Port 2491 Opened
2015-01-20 15:31:35.640 Baler ready on Ethernet
2015-01-20 15:31:35.640 Power Cycled Baler Acknowledged
2015-01-20 15:31:35.640 Commands Accepted by Q330
2015-01-20 15:31:35.640 Access timeout: 300 sec
2015-01-20 15:31:35.640 Control Port 4023 Opened
2015-01-20 15:31:35.640 Data Port 4024 Opened
2015-01-20 15:31:35.640 Registered with Q330
2015-01-20 15:31:35.640 Combination Record Received
2015-01-20 15:31:35.640 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-20 15:31:35.640 Link Reset, starting window sequence: 44239
2015-01-20 15:31:35.640 GPS Receiver ID Received
2015-01-20 15:31:35.640 Manufacturer's Data Received, Property Tag=2017
2015-01-20 15:31:35.640 Digitizer Gain & Offsets Received
2015-01-20 15:31:35.640 Msg From 192.168.200.119:Baler XX-2017 readback. 4645 recs.
seq end: 24974297
2015-01-20 15:31:35.640 Baler clock set to 2015-01-20 15:31:34
2015-01-20 15:31:35.640 Starting to Read DP Tokens
2015-01-20 15:31:35.640 DP Tokens loaded, size=1474 bytes
2015-01-20 15:31:35.640 Webserver advertising 192.168.200.119:5380
2015-01-20 15:31:35.640 filters & delay HH1:2@100,Linear all=0.320000
2015-01-20 15:31:35.640 filters & delay HH2:3@100,Linear all=0.320000
2015-01-20 15:31:35.640 filters & delay BDH:4@20,Linear all=1.650000
2015-01-20 15:31:35.640 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-20 15:31:35.640 filters & delay LH1:2@1,Linear all=15.000000
2015-01-20 15:31:35.640 filters & delay LH2:3@1,Linear all=15.000000
2015-01-20 15:31:35.640 filters & delay LDH:4@1,Linear all=15.000000
2015-01-20 15:31:35.640 [2015-01-20 03:23:08.000000] continuity found: 24974297
475039388.000000 Q=100
2015-01-20 15:31:35.640 [2015-01-20 03:23:08.000000] restoring continuity
2015-01-20 15:31:35.640 Sending DT_OPEN
2015-01-20 15:31:35.640 Station: XX-2017

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2015-01-20 15:31:35.640 Q330 Serial Number: 0100000DB18FC351  
 2015-01-20 15:31:35.640 AMB Serial Number: 0100000B6909DD82  
 2015-01-20 15:31:35.640 Seismo 1 Serial Number: 0000000000000000  
 2015-01-20 15:31:35.640 Seismo 2 Serial Number: 0000000000000000  
 2015-01-20 15:31:35.640 QAPCHP 1 Serial Number: 4643206  
 2015-01-20 15:31:35.640 QAPCHP 2 Serial Number: 3743050  
 2015-01-20 15:31:35.640 KMI Property Tag Number: 2017  
 2015-01-20 15:31:35.640 System Software Version: 1.146  
 2015-01-20 15:31:35.640 Slave Processor Version: 1.11  
 2015-01-20 15:31:35.640 Calibrator Type: QCAL330  
 2015-01-20 15:31:35.640 Calibrator Version: 1.8  
 2015-01-20 15:31:35.640 Auxiliary Board Type: None  
 2015-01-20 15:31:35.640 Clock Type: Motorola M12  
 2015-01-20 15:31:35.640 PLD Version: 7.9  
 2015-01-20 15:31:35.640 Total Hours: 72092.11  
 2015-01-20 15:31:35.640 Power On Hours: 36722.49  
 2015-01-20 15:31:35.640 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-20 15:31:35.640 Total Number of Boots: 120  
 2015-01-20 15:31:35.640 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-20 15:31:35.640 Total Number of Re-Syncs: 213  
 2015-01-20 15:31:35.640 Status Inputs: 00000000  
 2015-01-20 15:31:35.640 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-01-20 15:31:35.640 Clock Quality: 100%  
 2015-01-20 15:31:35.640 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-20 15:31:35.640 Clock Phase: 0 usec. max allowed=50000  
 2015-01-20 15:31:35.640 Boom positions:  
 2015-01-20 15:31:35.640 Ch1: -2 Ch2: -2 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-20 15:31:35.640 Analog Status  
 2015-01-20 15:31:35.640 Analog Positive Supply: 5.46V  
 2015-01-20 15:31:35.640 Input Voltage: 13.20V  
 2015-01-20 15:31:35.640 System Temperature: 5C  
 2015-01-20 15:31:35.640 Main Current: 62ma  
 2015-01-20 15:31:35.640 Antenna Current: 0ma  
 2015-01-20 15:31:35.640 GPS Status  
 2015-01-20 15:31:35.640 Time: 15:31:34  
 2015-01-20 15:31:35.640 Date:  
 2015-01-20 15:31:35.640 Fix Type: 1-D  
 2015-01-20 15:31:35.640 Height:  
 2015-01-20 15:31:35.640 Latitude:  
 2015-01-20 15:31:35.640 Longitude:  
 2015-01-20 15:31:35.640 On Time: 0min  
 2015-01-20 15:31:35.640 Sat. Used: 0  
 2015-01-20 15:31:35.640 In View: 0  
 2015-01-20 15:31:35.640 Checksum Errors: 0  
 2015-01-20 15:31:35.640 Last GPS timemark: 2015-01-20 15:31:33  
 2015-01-20 15:31:35.640 PLL Status  
 2015-01-20 15:31:35.640 State: Lock  
 2015-01-20 15:31:35.640 Initial VCO: 2201.534912  
 2015-01-20 15:31:35.640 Time Error: 0.000000  
 2015-01-20 15:31:35.640 RMS VCO: 0.0000000  
 2015-01-20 15:31:35.640 Best VCO: 2201.46  
 2015-01-20 15:31:35.640 Seconds Since Track or Lock: 0.0  
 2015-01-20 15:31:35.640 Vco Control: 2202  
 2015-01-20 15:31:35.640 timing mode: external seascan  
 2015-01-20 15:31:35.640 tempco normal  
 2015-01-20 15:31:35.640 PLL update: 10s PLL lock criterion: 5us  
 2015-01-20 15:31:35.640 Pfrac: 150.00  
 2015-01-20 15:31:35.640 VCO slope: -0.0175000  
 2015-01-20 15:31:35.640 VCO intercept: 7.1100001  
 2015-01-20 15:31:35.640 Km delta: 600.0000000  
 2015-01-20 15:31:35.640 Logical Port 4 Status  
 2015-01-20 15:31:35.640 Data Packets Sent: 28883056  
 2015-01-20 15:31:35.640 Flood Packets Sent: 0

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2015-01-20 15:31:35.640 Packets Re-Sent: 46014  
 2015-01-20 15:31:35.640 Sequence Errors: 0  
 2015-01-20 15:31:35.640 Packet Buffer Used: 22356668  
 2015-01-20 15:31:35.640 Physical Port: Ethernet  
 2015-01-20 15:31:35.640 Baler Model: 14 Software Version: 2.28  
 2015-01-20 15:31:35.640 MAC Address: 00:04:FB:00:02:EA  
 2015-01-20 15:31:35.640 Disk Size: 20000669696  
 2015-01-20 15:31:35.640 Percent of 1177 data files in use: 55.1  
 2015-01-20 15:31:35.640 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-20 15:31:35.640 Channel Sensitivities (uV per count):  
 2015-01-20 15:31:35.640 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-20 15:31:35.640 Digitizer Calibration Results:  
 2015-01-20 15:31:35.640 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-20 15:31:35.640 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-20 15:31:35.640 DMU1 Software Version=10  
 2015-01-20 15:31:35.640 Supply Voltage=12.7  
 2015-01-20 15:31:35.640 Supply Current=0.41  
 2015-01-20 15:31:35.640 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-20 15:31:35.640 webLink Data Maps Restored  
 2015-01-20 15:31:35.640 [2015-01-20 03:23:08.000000] sequence resumes: 24974297 to  
 24974297  
 2015-01-20 15:31:35.640 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-01-20 15:31:34  
 2015-01-20 15:37:04.480 [2015-01-20 15:32:18.000000] total packets received: 48064  
 2015-01-20 15:37:04.480 [2015-01-20 15:32:18.000000] command timeouts: 6  
 2015-01-20 15:37:04.480 [2015-01-20 15:32:18.000000] out of window: 54  
 2015-01-20 15:37:04.480 written: HHZ-1162 HH1-1380 HH2-1385 BDH-447 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-01-20 15:37:04.480 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-29  
 VMZ-2 VM1-2  
 2015-01-20 15:37:04.480 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-01-20 15:37:04.480 [2015-01-20 15:32:18.000000] Done: 4518 recs. seq end:  
 25018047. run: 325 s  
 2015-01-21 03:37:58.580  
 2015-01-21 03:37:58.580 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-21 03:37:58.580 Control Port 2491 Opened  
 2015-01-21 03:37:58.580 Baler ready on Ethernet  
 2015-01-21 03:37:58.580 Power Cycled Baler Acknowledged  
 2015-01-21 03:37:58.580 Commands Accepted by Q330  
 2015-01-21 03:37:58.580 Access timeout: 300 sec  
 2015-01-21 03:37:58.580 Control Port 4023 Opened  
 2015-01-21 03:37:58.580 Data Port 4024 Opened  
 2015-01-21 03:37:58.580 Registered with Q330  
 2015-01-21 03:37:58.580 Combination Record Received  
 2015-01-21 03:37:58.580 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-21 03:37:58.580 Link Reset, starting window sequence: 26678  
 2015-01-21 03:37:58.580 GPS Receiver ID Received  
 2015-01-21 03:37:58.580 Manufacturer's Data Received, Property Tag=2017  
 2015-01-21 03:37:58.580 Digitizer Gain & Offsets Received  
 2015-01-21 03:37:58.580 Msg From 192.168.200.119:Baler XX-2017 readback. 4518 recs.  
 seq end: 25018047  
 2015-01-21 03:37:58.580 Baler clock set to 2015-01-21 03:37:57  
 2015-01-21 03:37:58.580 Starting to Read DP Tokens  
 2015-01-21 03:37:58.580 DP Tokens loaded, size=1474 bytes  
 2015-01-21 03:37:58.580 webserver advertising 192.168.200.119:5380  
 2015-01-21 03:37:58.580 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-01-21 03:37:58.580 filters & delay HH1:2@100,Linear all=0.320000  
 2015-01-21 03:37:58.580 filters & delay HH2:3@100,Linear all=0.320000  
 2015-01-21 03:37:58.580 filters & delay BDH:4@20,Linear all=1.650000  
 2015-01-21 03:37:58.580 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-01-21 03:37:58.580 filters & delay LH1:2@1,Linear all=15.000000  
 2015-01-21 03:37:58.580 filters & delay LH2:3@1,Linear all=15.000000  
 2015-01-21 03:37:58.580 filters & delay LDH:4@1,Linear all=15.000000

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2015-01-21 03:37:58.580 [2015-01-20 15:32:18.000000] continuity found: 25018047  
 475083138.000000 Q=100  
 2015-01-21 03:37:58.580 [2015-01-20 15:32:18.000000] restoring continuity  
 2015-01-21 03:37:58.580 Sending DT\_OPEN  
 2015-01-21 03:37:58.580 Station: XX-2017  
 2015-01-21 03:37:58.580 Q330 Serial Number: 0100000DB18FC351  
 2015-01-21 03:37:58.580 AMB Serial Number: 0100000B6909DD82  
 2015-01-21 03:37:58.580 Seismo 1 Serial Number: 0000000000000000  
 2015-01-21 03:37:58.580 Seismo 2 Serial Number: 0000000000000000  
 2015-01-21 03:37:58.580 QAPCHP 1 Serial Number: 4643206  
 2015-01-21 03:37:58.580 QAPCHP 2 Serial Number: 3743050  
 2015-01-21 03:37:58.580 KMI Property Tag Number: 2017  
 2015-01-21 03:37:58.580 System Software Version: 1.146  
 2015-01-21 03:37:58.580 Slave Processor Version: 1.11  
 2015-01-21 03:37:58.580 Calibrator Type: QCAL330  
 2015-01-21 03:37:58.580 Calibrator Version: 1.8  
 2015-01-21 03:37:58.580 Auxiliary Board Type: None  
 2015-01-21 03:37:58.580 Clock Type: Motorola M12  
 2015-01-21 03:37:58.580 PLD Version: 7.9  
 2015-01-21 03:37:58.580 Total Hours: 72104.21  
 2015-01-21 03:37:58.580 Power On Hours: 36734.60  
 2015-01-21 03:37:58.580 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-21 03:37:58.580 Total Number of Boots: 120  
 2015-01-21 03:37:58.580 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-21 03:37:58.580 Total Number of Re-Syncs: 213  
 2015-01-21 03:37:58.580 Status Inputs: 00000000  
 2015-01-21 03:37:58.580 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-21 03:37:58.580 Clock Quality: 100%  
 2015-01-21 03:37:58.580 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-21 03:37:58.580 Clock Phase: 0 usec. max allowed=50000  
 2015-01-21 03:37:58.580 Boom positions:  
 2015-01-21 03:37:58.580 Ch1: -2 Ch2: -3 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-21 03:37:58.580 Analog Status  
 2015-01-21 03:37:58.580 Analog Positive Supply: 5.46V  
 2015-01-21 03:37:58.580 Input Voltage: 13.20V  
 2015-01-21 03:37:58.580 System Temperature: 5C  
 2015-01-21 03:37:58.580 Main Current: 63ma  
 2015-01-21 03:37:58.580 Antenna Current: 0ma  
 2015-01-21 03:37:58.580 GPS Status  
 2015-01-21 03:37:58.580 Time: 03:37:57  
 2015-01-21 03:37:58.580 Date:  
 2015-01-21 03:37:58.580 Fix Type: 1-D  
 2015-01-21 03:37:58.580 Height:  
 2015-01-21 03:37:58.580 Latitude:  
 2015-01-21 03:37:58.580 Longitude:  
 2015-01-21 03:37:58.580 On Time: 0min  
 2015-01-21 03:37:58.580 Sat. Used: 0  
 2015-01-21 03:37:58.580 In View: 0  
 2015-01-21 03:37:58.580 Checksum Errors: 0  
 2015-01-21 03:37:58.580 Last GPS timemark: 2015-01-21 03:37:56  
 2015-01-21 03:37:58.580 PLL Status  
 2015-01-21 03:37:58.580 State: Lock  
 2015-01-21 03:37:58.580 Initial VCO: 2201.794678  
 2015-01-21 03:37:58.580 Time Error: 0.000000  
 2015-01-21 03:37:58.580 RMS VCO: 0.000000  
 2015-01-21 03:37:58.580 Best VCO: 2201.70  
 2015-01-21 03:37:58.580 Seconds Since Track or Lock: 0.0  
 2015-01-21 03:37:58.580 Vco Control: 2202  
 2015-01-21 03:37:58.580 timing mode: external seascan  
 2015-01-21 03:37:58.580 tempco normal  
 2015-01-21 03:37:58.580 PLL update: 10s PLL lock criterion: 5us  
 2015-01-21 03:37:58.580 Pfrac: 150.00  
 2015-01-21 03:37:58.580 VCO slope: -0.0175000

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2015-01-21 03:37:58.580 VCO intercept: 7.1100001
2015-01-21 03:37:58.580 Km delta: 600.0000000
2015-01-21 03:37:58.580 Logical Port 4 Status
2015-01-21 03:37:58.580 Data Packets Sent: 28931036
2015-01-21 03:37:58.580 Flood Packets Sent: 0
2015-01-21 03:37:58.580 Packets Re-Sent: 46088
2015-01-21 03:37:58.580 Sequence Errors: 0
2015-01-21 03:37:58.580 Packet Buffer Used: 22403892
2015-01-21 03:37:58.580 Physical Port: Ethernet
2015-01-21 03:37:58.580 Baler Model: 14 Software Version: 2.28
2015-01-21 03:37:58.580 MAC Address: 00:04:FB:00:02:EA
2015-01-21 03:37:58.580 Disk Size: 20000669696
2015-01-21 03:37:58.580 Percent of 1177 data files in use: 55.1
2015-01-21 03:37:58.580 Channels Enabled: 1234 Preamps ON channels:
2015-01-21 03:37:58.580 Channel Sensitivities (uV per count):
2015-01-21 03:37:58.580 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-21 03:37:58.580 Digitizer Calibration Results:
2015-01-21 03:37:58.580 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-21 03:37:58.580 DMU1 Software Version=10
2015-01-21 03:37:58.580 Supply Voltage=12.7
2015-01-21 03:37:58.580 Supply Current=0.41
2015-01-21 03:37:58.580 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-21 03:37:58.580 webLink Data Maps Restored
2015-01-21 03:37:58.580 [2015-01-20 15:32:18.000000] sequence resumes: 25018047 to
25018047
2015-01-21 03:37:58.580 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-21 03:37:57
2015-01-21 03:41:42.780 [2015-01-21 00:00:00.000000] saving Configuration to Backup
Memory
2015-01-21 03:43:28.410 [2015-01-21 03:34:04.000000] total packets received: 46256
2015-01-21 03:43:28.410 [2015-01-21 03:34:04.000000] command timeouts: 6
2015-01-21 03:43:28.410 [2015-01-21 03:34:04.000000] out of window: 67
2015-01-21 03:43:28.410 written: HHZ-1166 HH1-1404 HH2-1349 BDH-440 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-21 03:43:28.410 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-26
VMZ-1 VM1-1
2015-01-21 03:43:28.410 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-01-21 03:43:28.410 [2015-01-21 03:34:04.000000] Done: 4499 recs. seq end:
25061353. run: 325 s
2015-01-21 15:44:20.640
2015-01-21 15:44:20.640 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-21 15:44:20.640 Control Port 2491 Opened
2015-01-21 15:44:20.640 Baler ready on Ethernet
2015-01-21 15:44:20.640 Power Cycled Baler Acknowledged
2015-01-21 15:44:20.640 Commands Accepted by Q330
2015-01-21 15:44:20.640 Access timeout: 300 sec
2015-01-21 15:44:20.640 Control Port 4023 Opened
2015-01-21 15:44:20.640 Data Port 4024 Opened
2015-01-21 15:44:20.640 Registered with Q330
2015-01-21 15:44:20.640 Combination Record Received
2015-01-21 15:44:20.640 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-21 15:44:20.640 Link Reset, starting window sequence: 7296
2015-01-21 15:44:20.640 GPS Receiver ID Received
2015-01-21 15:44:20.640 Manufacturer's Data Received, Property Tag=2017
2015-01-21 15:44:20.640 Digitizer Gain & Offsets Received
2015-01-21 15:44:20.640 Msg From 192.168.200.119:Baler XX-2017 readback. 4499 recs.
seq end: 25061353
2015-01-21 15:44:20.640 Baler clock set to 2015-01-21 15:44:19
2015-01-21 15:44:20.640 Starting to Read DP Tokens
2015-01-21 15:44:20.640 DP Tokens loaded, size=1474 bytes
2015-01-21 15:44:20.640 webserver advertising 192.168.200.119:5380
2015-01-21 15:44:20.640 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-21 15:44:20.640 filters & delay HH1:2@100,Linear all=0.320000

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2015-01-21 15:44:20.640 filters & delay HH2:3@100,Linear all=0.320000
2015-01-21 15:44:20.640 filters & delay BDH:4@20,Linear all=1.650000
2015-01-21 15:44:20.640 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-21 15:44:20.640 filters & delay LH1:2@1,Linear all=15.000000
2015-01-21 15:44:20.640 filters & delay LH2:3@1,Linear all=15.000000
2015-01-21 15:44:20.640 filters & delay LDH:4@1,Linear all=15.000000
2015-01-21 15:44:20.640 [2015-01-21 03:34:04.000000] continuity found: 25061353
475126444.000000 Q=100
2015-01-21 15:44:20.640 [2015-01-21 03:34:04.000000] restoring continuity
2015-01-21 15:44:20.640 Sending DT_OPEN
2015-01-21 15:44:20.640 Station: XX-2017
2015-01-21 15:44:20.640 Q330 Serial Number: 0100000DB18FC351
2015-01-21 15:44:20.640 AMB Serial Number: 0100000B6909DD82
2015-01-21 15:44:20.640 Seismo 1 Serial Number: 0000000000000000
2015-01-21 15:44:20.640 Seismo 2 Serial Number: 0000000000000000
2015-01-21 15:44:20.640 QAPCHP 1 Serial Number: 4643206
2015-01-21 15:44:20.640 QAPCHP 2 Serial Number: 3743050
2015-01-21 15:44:20.640 KMI Property Tag Number: 2017
2015-01-21 15:44:20.640 System Software Version: 1.146
2015-01-21 15:44:20.640 Slave Processor Version: 1.11
2015-01-21 15:44:20.640 Calibrator Type: QCAL330
2015-01-21 15:44:20.640 Calibrator Version: 1.8
2015-01-21 15:44:20.640 Auxiliary Board Type: None
2015-01-21 15:44:20.640 Clock Type: Motorola M12
2015-01-21 15:44:20.640 PLD Version: 7.9
2015-01-21 15:44:20.640 Total Hours: 72116.32
2015-01-21 15:44:20.640 Power On Hours: 36746.70
2015-01-21 15:44:20.640 Time of Last Boot: 2014-04-06 02:03:58
2015-01-21 15:44:20.640 Total Number of Boots: 120
2015-01-21 15:44:20.640 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-21 15:44:20.640 Total Number of Re-Syncs: 213
2015-01-21 15:44:20.640 Status Inputs: 00000000
2015-01-21 15:44:20.640 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2015-01-21 15:44:20.640 Clock Quality: 100%
2015-01-21 15:44:20.640 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-21 15:44:20.640 Clock Phase: 0 usec. max allowed=50000
2015-01-21 15:44:20.640 Boom positions:
2015-01-21 15:44:20.640 Ch1: -2 Ch2: -3 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-21 15:44:20.640 Analog Status
2015-01-21 15:44:20.640 Analog Positive Supply: 5.46V
2015-01-21 15:44:20.640 Input Voltage: 13.35V
2015-01-21 15:44:20.640 System Temperature: 5C
2015-01-21 15:44:20.640 Main Current: 61ma
2015-01-21 15:44:20.640 Antenna Current: 0ma
2015-01-21 15:44:20.640 GPS Status
2015-01-21 15:44:20.640 Time: 15:44:19
2015-01-21 15:44:20.640 Date:
2015-01-21 15:44:20.640 Fix Type: 1-D
2015-01-21 15:44:20.640 Height:
2015-01-21 15:44:20.640 Latitude:
2015-01-21 15:44:20.640 Longitude:
2015-01-21 15:44:20.640 On Time: 0min
2015-01-21 15:44:20.640 Sat. Used: 0
2015-01-21 15:44:20.640 In View: 0
2015-01-21 15:44:20.640 Checksum Errors: 0
2015-01-21 15:44:20.640 Last GPS timemark: 2015-01-21 15:44:18
2015-01-21 15:44:20.640 PLL Status
2015-01-21 15:44:20.640 State: Lock
2015-01-21 15:44:20.640 Initial VCO: 2201.163086
2015-01-21 15:44:20.640 Time Error: 0.000000
2015-01-21 15:44:20.640 RMS VCO: 0.0000000
2015-01-21 15:44:20.640 Best VCO: 2201.07
2015-01-21 15:44:20.640 Seconds Since Track or Lock: 0.0

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2015-01-21 15:44:20.640 Vco Control: 2201
2015-01-21 15:44:20.640 timing mode: external seascan
2015-01-21 15:44:20.640 tempco normal
2015-01-21 15:44:20.640 PLL update: 10s  PLL lock criterion: 5us
2015-01-21 15:44:20.640 Pfrac: 150.00
2015-01-21 15:44:20.640 VCO slope: -0.0175000
2015-01-21 15:44:20.640 VCO intercept: 7.1100001
2015-01-21 15:44:20.640 km delta: 600.0000000
2015-01-21 15:44:20.640 Logical Port 4 Status
2015-01-21 15:44:20.640 Data Packets Sent: 28977195
2015-01-21 15:44:20.640 Flood Packets Sent: 0
2015-01-21 15:44:20.640 Packets Re-Sent: 46170
2015-01-21 15:44:20.640 Sequence Errors: 0
2015-01-21 15:44:20.640 Packet Buffer Used: 22417848
2015-01-21 15:44:20.640 Physical Port: Ethernet
2015-01-21 15:44:20.640 Baler Model: 14  Software Version: 2.28
2015-01-21 15:44:20.640 MAC Address: 00:04:FB:00:02:EA
2015-01-21 15:44:20.640 Disk Size: 20000669696
2015-01-21 15:44:20.640 Percent of 1177 data files in use: 55.2
2015-01-21 15:44:20.640 Channels Enabled: 1234  Preamps ON channels:
2015-01-21 15:44:20.640 Channel Sensitivities (uV per count):
2015-01-21 15:44:20.640 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-21 15:44:20.640 Digitizer Calibration Results:
2015-01-21 15:44:20.640 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2015-01-21 15:44:20.640 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2015-01-21 15:44:20.640 DMU1 Software Version=10
2015-01-21 15:44:20.640 Supply Voltage=12.7
2015-01-21 15:44:20.640 Supply Current=0.41
2015-01-21 15:44:20.640 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-21 15:44:20.640 WebLink Data Maps Restored
2015-01-21 15:44:20.640 [2015-01-21 03:34:04.000000] sequence resumes: 25061353 to
25061353
2015-01-21 15:44:20.640 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-21 15:44:19
2015-01-21 15:48:44.230 Reducing Status Polling Interval
2015-01-21 15:49:51.570 [2015-01-21 15:40:09.000000] total packets received: 46447
2015-01-21 15:49:51.570 [2015-01-21 15:40:09.000000] command timeouts: 6
2015-01-21 15:49:51.570 [2015-01-21 15:40:09.000000] out of window: 65
2015-01-21 15:49:51.570 written: HHZ-1183 HH1-1378 HH2-1345 BDH-445 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-21 15:49:51.570 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2015-01-21 15:49:51.570 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1
2015-01-21 15:49:51.570 [2015-01-21 15:40:09.000000] Done: 4497 recs. seq end:
25104918. run: 326 s
2015-01-22 03:50:44.620
2015-01-22 03:50:44.620 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-22 03:50:44.620 Control Port 2491 Opened
2015-01-22 03:50:44.620 Baler ready on Ethernet
2015-01-22 03:50:44.620 Power Cycled Baler Acknowledged
2015-01-22 03:50:44.620 Commands Accepted by Q330
2015-01-22 03:50:44.620 Access timeout: 300 sec
2015-01-22 03:50:44.620 Control Port 4023 Opened
2015-01-22 03:50:44.620 Data Port 4024 Opened
2015-01-22 03:50:44.620 Registered with Q330
2015-01-22 03:50:44.620 Combination Record Received
2015-01-22 03:50:44.620 window=4  Min. Timeout=10  Max. Timeout=30
2015-01-22 03:50:44.620 Link Reset, starting window sequence: 53634
2015-01-22 03:50:44.620 GPS Receiver ID Received
2015-01-22 03:50:44.620 Manufacturer's Data Received, Property Tag=2017
2015-01-22 03:50:44.620 Digitizer Gain & Offsets Received
2015-01-22 03:50:44.620 Msg From 192.168.200.119:Baler XX-2017 readback. 4497 recs.
seq end: 25104918

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2015-01-22 03:50:44.620 Baler clock set to 2015-01-22 03:50:43
2015-01-22 03:50:44.620 Starting to Read DP Tokens
2015-01-22 03:50:44.620 DP Tokens loaded, size=1474 bytes
2015-01-22 03:50:44.620 Webserver advertising 192.168.200.119:5380
2015-01-22 03:50:44.620 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-22 03:50:44.620 filters & delay HH1:2@100,Linear all=0.320000
2015-01-22 03:50:44.620 filters & delay HH2:3@100,Linear all=0.320000
2015-01-22 03:50:44.620 filters & delay BDH:4@20,Linear all=1.650000
2015-01-22 03:50:44.620 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-22 03:50:44.620 filters & delay LH1:2@1,Linear all=15.000000
2015-01-22 03:50:44.620 filters & delay LH2:3@1,Linear all=15.000000
2015-01-22 03:50:44.620 filters & delay LDH:4@1,Linear all=15.000000
2015-01-22 03:50:44.620 [2015-01-21 15:40:09.000000] continuity found: 25104918
475170009.000000 Q=100
2015-01-22 03:50:44.620 [2015-01-21 15:40:09.000000] restoring continuity
2015-01-22 03:50:44.620 Sending DT_OPEN
2015-01-22 03:50:44.620 Station: XX-2017
2015-01-22 03:50:44.620 Q330 Serial Number: 0100000DB18FC351
2015-01-22 03:50:44.620 AMB Serial Number: 0100000B6909DD82
2015-01-22 03:50:44.620 Seismo 1 Serial Number: 0000000000000000
2015-01-22 03:50:44.620 Seismo 2 Serial Number: 0000000000000000
2015-01-22 03:50:44.620 QAPCHP 1 Serial Number: 4643206
2015-01-22 03:50:44.620 QAPCHP 2 Serial Number: 3743050
2015-01-22 03:50:44.620 KMI Property Tag Number: 2017
2015-01-22 03:50:44.620 System Software Version: 1.146
2015-01-22 03:50:44.620 Slave Processor Version: 1.11
2015-01-22 03:50:44.620 Calibrator Type: QCAL330
2015-01-22 03:50:44.620 Calibrator Version: 1.8
2015-01-22 03:50:44.620 Auxiliary Board Type: None
2015-01-22 03:50:44.620 Clock Type: Motorola M12
2015-01-22 03:50:44.620 PLD Version: 7.9
2015-01-22 03:50:44.620 Total Hours: 72128.43
2015-01-22 03:50:44.620 Power On Hours: 36758.81
2015-01-22 03:50:44.620 Time of Last Boot: 2014-04-06 02:03:58
2015-01-22 03:50:44.620 Total Number of Boots: 120
2015-01-22 03:50:44.620 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-22 03:50:44.620 Total Number of Re-Syncs: 213
2015-01-22 03:50:44.620 Status Inputs: 00000000
2015-01-22 03:50:44.620 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2015-01-22 03:50:44.620 Clock Quality: 100%
2015-01-22 03:50:44.620 Clock Phase: 0 usec. max allowed=50000
2015-01-22 03:50:44.620 Boom positions:
2015-01-22 03:50:44.620 Ch1: -2 Ch2: -3 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-22 03:50:44.620 Analog Status
2015-01-22 03:50:44.620 Analog Positive Supply: 5.46V
2015-01-22 03:50:44.620 Input Voltage: 13.20V
2015-01-22 03:50:44.620 System Temperature: 5C
2015-01-22 03:50:44.620 Main Current: 63ma
2015-01-22 03:50:44.620 Antenna Current: 0ma
2015-01-22 03:50:44.620 GPS Status
2015-01-22 03:50:44.620 Time: 03:50:43
2015-01-22 03:50:44.620 Date:
2015-01-22 03:50:44.620 Fix Type: 1-D
2015-01-22 03:50:44.620 Height:
2015-01-22 03:50:44.620 Latitude:
2015-01-22 03:50:44.620 Longitude:
2015-01-22 03:50:44.620 On Time: 0min
2015-01-22 03:50:44.620 Sat. Used: 0
2015-01-22 03:50:44.620 In View: 0
2015-01-22 03:50:44.620 Checksum Errors: 0
2015-01-22 03:50:44.620 Last GPS timemark: 2015-01-22 03:50:42
2015-01-22 03:50:44.620 PLL Status
2015-01-22 03:50:44.620 State: Lock

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2015-01-22 03:50:44.620 Initial VCO: 2201.294678
2015-01-22 03:50:44.620 Time Error: 0.000000
2015-01-22 03:50:44.620 RMS VCO: 0.000000
2015-01-22 03:50:44.620 Best VCO: 2201.08
2015-01-22 03:50:44.620 Seconds Since Track or Lock: 0.0
2015-01-22 03:50:44.620 Vco Control: 2201
2015-01-22 03:50:44.620 timing mode: external seascan
2015-01-22 03:50:44.620 tempco normal
2015-01-22 03:50:44.620 PLL update: 10s  PLL lock criterion: 5us
2015-01-22 03:50:44.620 Pfrac: 150.00
2015-01-22 03:50:44.620 VCO slope: -0.0175000
2015-01-22 03:50:44.620 VCO intercept: 7.1100001
2015-01-22 03:50:44.620 Km delta: 600.0000000
2015-01-22 03:50:44.620 Logical Port 4 Status
2015-01-22 03:50:44.620 Data Packets Sent: 29023538
2015-01-22 03:50:44.620 Flood Packets Sent: 0
2015-01-22 03:50:44.620 Packets Re-Sent: 46258
2015-01-22 03:50:44.620 Sequence Errors: 0
2015-01-22 03:50:44.620 Packet Buffer Used: 22522100
2015-01-22 03:50:44.620 Physical Port: Ethernet
2015-01-22 03:50:44.620 Baler Model: 14  Software Version: 2.28
2015-01-22 03:50:44.620 MAC Address: 00:04:FB:00:02:EA
2015-01-22 03:50:44.620 Disk Size: 20000669696
2015-01-22 03:50:44.620 Percent of 1177 data files in use: 55.3
2015-01-22 03:50:44.620 Channels Enabled: 1234  Preamps ON channels:
2015-01-22 03:50:44.620 Channel Sensitivities (uV per count):
2015-01-22 03:50:44.620 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-22 03:50:44.620 Digitizer Calibration Results:
2015-01-22 03:50:44.620 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2015-01-22 03:50:44.620 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2015-01-22 03:50:44.620 DMU1 Software Version=10
2015-01-22 03:50:44.620 Supply Voltage=12.7
2015-01-22 03:50:44.620 Supply Current=0.40
2015-01-22 03:50:44.620 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-22 03:50:44.620 webLink Data Maps Restored
2015-01-22 03:50:44.620 [2015-01-21 15:40:09.000000] sequence resumes: 25104918 to
25104918
2015-01-22 03:50:44.620 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-22 03:50:43
2015-01-22 03:54:36.900 [2015-01-22 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-22 03:56:23.950 Reducing Status Polling Interval
2015-01-22 03:56:23.950 [2015-01-22 03:56:24.000000] total packets received: 48628
2015-01-22 03:56:23.950 [2015-01-22 03:56:24.000000] command timeouts: 6
2015-01-22 03:56:23.950 [2015-01-22 03:56:24.000000] out of window: 64
2015-01-22 03:56:23.950 written: HHZ-1209 HH1-1375 HH2-1407 BDH-449 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-22 03:56:23.950 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-25 LH2-24 LDH-26
VMZ-2 VM1-2
2015-01-22 03:56:23.950 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-01-22 03:56:23.950 [2015-01-22 03:56:24.000000] Done: 4586 recs. seq end:
25149093. run: 335 s
2015-01-22 15:57:18.550
2015-01-22 15:57:18.550 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-22 15:57:18.550 Control Port 2491 Opened
2015-01-22 15:57:18.550 Baler ready on Ethernet
2015-01-22 15:57:18.550 Power Cycled Baler Acknowledged
2015-01-22 15:57:18.550 Commands Accepted by Q330
2015-01-22 15:57:18.550 Access timeout: 300 sec
2015-01-22 15:57:18.550 Control Port 4023 Opened
2015-01-22 15:57:18.550 Data Port 4024 Opened
2015-01-22 15:57:18.550 Registered with Q330
2015-01-22 15:57:18.550 Combination Record Received

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2015-01-22 15:57:18.550 window=4   Min. Timeout=10   Max. Timeout=30
2015-01-22 15:57:18.550 Link Reset, starting window sequence: 36625
2015-01-22 15:57:18.550 GPS Receiver ID Received
2015-01-22 15:57:18.550 Manufacturer's Data Received, Property Tag=2017
2015-01-22 15:57:18.550 Digitizer Gain & Offsets Received
2015-01-22 15:57:18.550 Msg From 192.168.200.119:Baler XX-2017 readback. 4586 recs.
seq end: 25149093
2015-01-22 15:57:18.550 Baler clock set to 2015-01-22 15:57:17
2015-01-22 15:57:18.550 Starting to Read DP Tokens
2015-01-22 15:57:18.550 DP Tokens loaded, size=1474 bytes
2015-01-22 15:57:18.550 webserver advertising 192.168.200.119:5380
2015-01-22 15:57:18.550 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-22 15:57:18.550 filters & delay HH1:2@100,Linear all=0.320000
2015-01-22 15:57:18.550 filters & delay HH2:3@100,Linear all=0.320000
2015-01-22 15:57:18.550 filters & delay BDH:4@20,Linear all=1.650000
2015-01-22 15:57:18.550 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-22 15:57:18.550 filters & delay LH1:2@1,Linear all=15.000000
2015-01-22 15:57:18.550 filters & delay LH2:3@1,Linear all=15.000000
2015-01-22 15:57:18.550 filters & delay LDH:4@1,Linear all=15.000000
2015-01-22 15:57:18.550 [2015-01-22 03:56:24.000000] continuity found: 25149093
475214184.000000 Q=100
2015-01-22 15:57:18.550 [2015-01-22 03:56:24.000000] restoring continuity
2015-01-22 15:57:18.550 Sending DT_OPEN
2015-01-22 15:57:18.550 Station: XX-2017
2015-01-22 15:57:18.550 Q330 Serial Number: 0100000DB18FC351
2015-01-22 15:57:18.550 AMB Serial Number: 0100000B6909DD82
2015-01-22 15:57:18.550 Seismo 1 Serial Number: 0000000000000000
2015-01-22 15:57:18.550 Seismo 2 Serial Number: 0000000000000000
2015-01-22 15:57:18.550 QAPCHP 1 Serial Number: 4643206
2015-01-22 15:57:18.550 QAPCHP 2 Serial Number: 3743050
2015-01-22 15:57:18.550 KMI Property Tag Number: 2017
2015-01-22 15:57:18.550 System Software Version: 1.146
2015-01-22 15:57:18.550 Slave Processor Version: 1.11
2015-01-22 15:57:18.550 Calibrator Type: QCAL330
2015-01-22 15:57:18.550 Calibrator Version: 1.8
2015-01-22 15:57:18.550 Auxiliary Board Type: None
2015-01-22 15:57:18.550 Clock Type: Motorola M12
2015-01-22 15:57:18.550 PLD Version: 7.9
2015-01-22 15:57:18.550 Total Hours: 72140.54
2015-01-22 15:57:18.550 Power On Hours: 36770.92
2015-01-22 15:57:18.550 Time of Last Boot: 2014-04-06 02:03:58
2015-01-22 15:57:18.550 Total Number of Boots: 120
2015-01-22 15:57:18.550 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-22 15:57:18.550 Total Number of Re-Syncs: 213
2015-01-22 15:57:18.550 Status Inputs: 00000000
2015-01-22 15:57:18.550 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2015-01-22 15:57:18.550 Clock Quality: 100%
2015-01-22 15:57:18.550 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-22 15:57:18.550 Clock Phase: 0 usec. max allowed=50000
2015-01-22 15:57:18.550 Boom positions:
2015-01-22 15:57:18.550 Ch1: -2 Ch2: -3 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-22 15:57:18.550 Analog Status
2015-01-22 15:57:18.550 Analog Positive Supply: 5.46V
2015-01-22 15:57:18.550 Input Voltage: 13.20V
2015-01-22 15:57:18.550 System Temperature: 5C
2015-01-22 15:57:18.550 Main Current: 61ma
2015-01-22 15:57:18.550 Antenna Current: 0ma
2015-01-22 15:57:18.550 GPS Status
2015-01-22 15:57:18.550 Time: 15:57:17
2015-01-22 15:57:18.550 Date:
2015-01-22 15:57:18.550 Fix Type: 1-D
2015-01-22 15:57:18.550 Height:
2015-01-22 15:57:18.550 Latitude:

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2015-01-22 15:57:18.550 Longitude:  
 2015-01-22 15:57:18.550 On Time: 0min  
 2015-01-22 15:57:18.550 Sat. Used: 0  
 2015-01-22 15:57:18.550 In View: 0  
 2015-01-22 15:57:18.550 Checksum Errors: 0  
 2015-01-22 15:57:18.550 Last GPS timemark: 2015-01-22 15:57:16  
 2015-01-22 15:57:18.550 PLL Status  
 2015-01-22 15:57:18.550 State: Lock  
 2015-01-22 15:57:18.550 Initial VCO: 2201.568359  
 2015-01-22 15:57:18.550 Time Error: 0.000000  
 2015-01-22 15:57:18.550 RMS VCO: 0.0000000  
 2015-01-22 15:57:18.550 Best VCO: 2201.54  
 2015-01-22 15:57:18.550 Seconds Since Track or Lock: 0.0  
 2015-01-22 15:57:18.550 Vco Control: 2202  
 2015-01-22 15:57:18.550 timing mode: external seascan  
 2015-01-22 15:57:18.550 tempco normal  
 2015-01-22 15:57:18.550 PLL update: 10s PLL lock criterion: 5us  
 2015-01-22 15:57:18.550 Pfrac: 150.00  
 2015-01-22 15:57:18.550 VCO slope: -0.0175000  
 2015-01-22 15:57:18.550 VCO intercept: 7.1100001  
 2015-01-22 15:57:18.550 km delta: 600.0000000  
 2015-01-22 15:57:18.550 Logical Port 4 Status  
 2015-01-22 15:57:18.550 Data Packets Sent: 29072071  
 2015-01-22 15:57:18.550 Flood Packets Sent: 0  
 2015-01-22 15:57:18.550 Packets Re-Sent: 46338  
 2015-01-22 15:57:18.550 Sequence Errors: 0  
 2015-01-22 15:57:18.550 Packet Buffer Used: 22273604  
 2015-01-22 15:57:18.550 Physical Port: Ethernet  
 2015-01-22 15:57:18.550 Baler Model: 14 Software Version: 2.28  
 2015-01-22 15:57:18.550 MAC Address: 00:04:FB:00:02:EA  
 2015-01-22 15:57:18.550 Disk Size: 20000669696  
 2015-01-22 15:57:18.550 Percent of 1177 data files in use: 55.4  
 2015-01-22 15:57:18.550 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-22 15:57:18.550 Channel sensitivities (uV per count):  
 2015-01-22 15:57:18.550 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-22 15:57:18.550 Digitizer Calibration Results:  
 2015-01-22 15:57:18.550 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-22 15:57:18.550 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-22 15:57:18.550 DMU1 Software Version=10  
 2015-01-22 15:57:18.550 Supply Voltage=12.6  
 2015-01-22 15:57:18.550 Supply Current=0.41  
 2015-01-22 15:57:18.550 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-22 15:57:18.550 webLink Data Maps Restored  
 2015-01-22 15:57:18.550 [2015-01-22 03:56:24.000000] sequence resumes: 25149093 to 25149093  
 2015-01-22 15:57:18.550 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-22 15:57:17  
 2015-01-22 16:02:54.030 Reducing Status Polling Interval  
 2015-01-22 16:02:54.030 [2015-01-22 16:02:53.999998] total packets received: 49529  
 2015-01-22 16:02:54.030 [2015-01-22 16:02:53.999998] command timeouts: 6  
 2015-01-22 16:02:54.030 [2015-01-22 16:02:53.999998] out of window: 66  
 2015-01-22 16:02:54.030 written: HHZ-1187 HH1-1372 HH2-1381 BDH-448 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2015-01-22 16:02:54.030 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-29  
 VMZ-1 VM1-1  
 2015-01-22 16:02:54.030 written: VM2-1 LOG-2 ACE-1 OCF-1  
 2015-01-22 16:02:54.030 [2015-01-22 16:02:53.999998] Done: 4528 recs. seq end: 25192683. run: 331 s  
 2015-01-23 04:03:47.640  
 2015-01-23 04:03:47.640 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-23 04:03:47.640 Control Port 2491 Opened  
 2015-01-23 04:03:47.640 Baler ready on Ethernet  
 2015-01-23 04:03:47.640 Power Cycled Baler Acknowledged

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2015-01-23 04:03:47.640 Commands Accepted by Q330
2015-01-23 04:03:47.640 Access timeout: 300 sec
2015-01-23 04:03:47.640 Control Port 4023 Opened
2015-01-23 04:03:47.640 Data Port 4024 Opened
2015-01-23 04:03:47.640 Registered with Q330
2015-01-23 04:03:47.640 Combination Record Received
2015-01-23 04:03:47.640 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-23 04:03:47.640 Link Reset, starting window sequence: 20516
2015-01-23 04:03:47.640 Manufacturer's Data Received, Property Tag=2017
2015-01-23 04:03:47.640 Digitizer Gain & Offsets Received
2015-01-23 04:03:47.640 Msg From 192.168.200.119:Baler XX-2017 readback. 4528 recs.
seq end: 25192683
2015-01-23 04:03:47.640 Baler clock set to 2015-01-23 04:03:46
2015-01-23 04:03:47.640 Starting to Read DP Tokens
2015-01-23 04:03:47.640 DP Tokens loaded, size=1474 bytes
2015-01-23 04:03:47.640 Webserver advertising 192.168.200.119:5380
2015-01-23 04:03:47.640 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-23 04:03:47.640 filters & delay HH1:2@100,Linear all=0.320000
2015-01-23 04:03:47.640 filters & delay HH2:3@100,Linear all=0.320000
2015-01-23 04:03:47.640 filters & delay BDH:4@20,Linear all=1.650000
2015-01-23 04:03:47.640 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-23 04:03:47.640 filters & delay LH1:2@1,Linear all=15.000000
2015-01-23 04:03:47.640 filters & delay LH2:3@1,Linear all=15.000000
2015-01-23 04:03:47.640 filters & delay LDH:4@1,Linear all=15.000000
2015-01-23 04:03:47.640 [2015-01-22 16:02:53.999998] continuity found: 25192683
475257774.000000 Q=100
2015-01-23 04:03:47.640 [2015-01-22 16:02:53.999998] restoring continuity
2015-01-23 04:03:47.640 Sending DT_OPEN
2015-01-23 04:03:47.640 Station: XX-2017
2015-01-23 04:03:47.640 Q330 Serial Number: 0100000DB18FC351
2015-01-23 04:03:47.640 AMB Serial Number: 0100000B6909DD82
2015-01-23 04:03:47.640 Seismo 1 Serial Number: 0000000000000000
2015-01-23 04:03:47.640 Seismo 2 Serial Number: 0000000000000000
2015-01-23 04:03:47.640 QAPCHP 1 Serial Number: 4643206
2015-01-23 04:03:47.640 QAPCHP 2 Serial Number: 3743050
2015-01-23 04:03:47.640 KMI Property Tag Number: 2017
2015-01-23 04:03:47.640 System Software Version: 1.146
2015-01-23 04:03:47.640 Slave Processor Version: 1.11
2015-01-23 04:03:47.640 Calibrator Type: QCAL330
2015-01-23 04:03:47.640 Calibrator Version: 1.8
2015-01-23 04:03:47.640 Auxiliary Board Type: None
2015-01-23 04:03:47.640 Clock Type: Motorola M12
2015-01-23 04:03:47.640 PLD Version: 7.9
2015-01-23 04:03:47.640 Total Hours: 72152.64
2015-01-23 04:03:47.640 Power On Hours: 36783.03
2015-01-23 04:03:47.640 Time of Last Boot: 2014-04-06 02:03:58
2015-01-23 04:03:47.640 Total Number of Boots: 120
2015-01-23 04:03:47.640 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-23 04:03:47.640 Total Number of Re-Syncs: 213
2015-01-23 04:03:47.640 Status Inputs: 00000000
2015-01-23 04:03:47.640 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-23 04:03:47.640 Clock Quality: 100%
2015-01-23 04:03:47.640 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-23 04:03:47.640 Clock Phase: 0 usec. max allowed=50000
2015-01-23 04:03:47.640 Boom positions:
2015-01-23 04:03:47.640 Ch1: -2 Ch2: -3 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-23 04:03:47.640 Analog Status
2015-01-23 04:03:47.640 Analog Positive Supply: 5.46V
2015-01-23 04:03:47.640 Input Voltage: 13.20V
2015-01-23 04:03:47.640 System Temperature: 5C
2015-01-23 04:03:47.640 Main Current: 62ma
2015-01-23 04:03:47.640 Antenna Current: 0ma
2015-01-23 04:03:47.640 GPS Status

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2015-01-23 04:03:47.640 Time: 04:03:46  
 2015-01-23 04:03:47.640 Date:  
 2015-01-23 04:03:47.640 Fix Type: 1-D  
 2015-01-23 04:03:47.640 Height:  
 2015-01-23 04:03:47.640 Latitude:  
 2015-01-23 04:03:47.640 Longitude:  
 2015-01-23 04:03:47.640 On Time: 0min  
 2015-01-23 04:03:47.640 Sat. Used: 0  
 2015-01-23 04:03:47.640 In View: 0  
 2015-01-23 04:03:47.640 Checksum Errors: 0  
 2015-01-23 04:03:47.640 Last GPS timemark: 2015-01-23 04:03:45  
 2015-01-23 04:03:47.640 PLL Status  
 2015-01-23 04:03:47.640 State: Lock  
 2015-01-23 04:03:47.640 Initial VCO: 2201.871826  
 2015-01-23 04:03:47.640 Time Error: 0.000000  
 2015-01-23 04:03:47.640 RMS VCO: 0.000000  
 2015-01-23 04:03:47.640 Best VCO: 2201.91  
 2015-01-23 04:03:47.640 Seconds Since Track or Lock: 0.0  
 2015-01-23 04:03:47.640 Vco Control: 2202  
 2015-01-23 04:03:47.640 timing mode: external seascan  
 2015-01-23 04:03:47.640 tempco normal  
 2015-01-23 04:03:47.640 PLL update: 10s PLL lock criterion: 5us  
 2015-01-23 04:03:47.640 Pfrac: 150.00  
 2015-01-23 04:03:47.640 VCO slope: -0.0175000  
 2015-01-23 04:03:47.640 VCO intercept: 7.1100001  
 2015-01-23 04:03:47.640 Km delta: 600.0000000  
 2015-01-23 04:03:47.640 Logical Port 4 Status  
 2015-01-23 04:03:47.640 Data Packets Sent: 29121503  
 2015-01-23 04:03:47.640 Flood Packets Sent: 0  
 2015-01-23 04:03:47.640 Packets Re-Sent: 46419  
 2015-01-23 04:03:47.640 Sequence Errors: 0  
 2015-01-23 04:03:47.640 Packet Buffer Used: 22223620  
 2015-01-23 04:03:47.640 Physical Port: Ethernet  
 2015-01-23 04:03:47.640 Baler Model: 14 Software Version: 2.28  
 2015-01-23 04:03:47.640 MAC Address: 00:04:FB:00:02:EA  
 2015-01-23 04:03:47.640 Disk Size: 20000669696  
 2015-01-23 04:03:47.640 Percent of 1177 data files in use: 55.5  
 2015-01-23 04:03:47.640 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-23 04:03:47.640 Channel Sensitivities (uV per count):  
 2015-01-23 04:03:47.640 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-23 04:03:47.640 Digitizer Calibration Results:  
 2015-01-23 04:03:47.640 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-23 04:03:47.640 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-23 04:03:47.640 DMU1 Software Version=10  
 2015-01-23 04:03:47.640 Supply Voltage=12.6  
 2015-01-23 04:03:47.640 Supply Current=0.41  
 2015-01-23 04:03:47.640 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-23 04:03:47.640 WebLink Data Maps Restored  
 2015-01-23 04:03:47.640 [2015-01-22 16:02:53.999998] sequence resumes: 25192683 to  
 25192683  
 2015-01-23 04:03:47.640 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-23 04:03:46  
 2015-01-23 04:05:04.430 Reducing Status Polling Interval  
 2015-01-23 04:07:21.140 [2015-01-23 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-01-23 04:09:23.350 [2015-01-23 04:07:46.000000] total packets received: 49741  
 2015-01-23 04:09:23.350 [2015-01-23 04:07:46.000000] command timeouts: 6  
 2015-01-23 04:09:23.350 [2015-01-23 04:07:46.000000] out of window: 63  
 2015-01-23 04:09:23.350 written: HHZ-1165 HH1-1404 HH2-1365 BDH-435 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-01-23 04:09:23.350 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-25  
 VMZ-2 VM1-2  
 2015-01-23 04:09:23.350 written: VM2-2 OAC-1 LOG-4 ACE-2 OCF-2

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2015-01-23 04:09:23.350 [2015-01-23 04:07:46.000000] Done: 4516 recs. seq end:
25236175. run: 331 s
2015-01-23 16:10:16.620
2015-01-23 16:10:16.620 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-23 16:10:16.620 Control Port 2491 Opened
2015-01-23 16:10:16.620 Baler ready on Ethernet
2015-01-23 16:10:16.620 Power Cycled Baler Acknowledged
2015-01-23 16:10:16.620 Commands Accepted by Q330
2015-01-23 16:10:16.620 Access timeout: 300 sec
2015-01-23 16:10:16.620 Control Port 4023 Opened
2015-01-23 16:10:16.620 Data Port 4024 Opened
2015-01-23 16:10:16.620 Registered with Q330
2015-01-23 16:10:16.620 Combination Record Received
2015-01-23 16:10:16.620 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-23 16:10:16.620 Link Reset, starting window sequence: 4586
2015-01-23 16:10:16.620 GPS Receiver ID Received
2015-01-23 16:10:16.620 Manufacturer's Data Received, Property Tag=2017
2015-01-23 16:10:16.620 Digitizer Gain & Offsets Received
2015-01-23 16:10:16.620 Msg From 192.168.200.119:Baler XX-2017 readback. 4516 recs.
seq end: 25236175
2015-01-23 16:10:16.620 Baler clock set to 2015-01-23 16:10:15
2015-01-23 16:10:16.620 Starting to Read DP Tokens
2015-01-23 16:10:16.620 DP Tokens loaded, size=1474 bytes
2015-01-23 16:10:16.620 Webserver advertising 192.168.200.119:5380
2015-01-23 16:10:16.620 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-23 16:10:16.620 filters & delay HH1:2@100,Linear all=0.320000
2015-01-23 16:10:16.620 filters & delay HH2:3@100,Linear all=0.320000
2015-01-23 16:10:16.620 filters & delay BDH:4@20,Linear all=1.650000
2015-01-23 16:10:16.620 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-23 16:10:16.620 filters & delay LH1:2@1,Linear all=15.000000
2015-01-23 16:10:16.620 filters & delay LH2:3@1,Linear all=15.000000
2015-01-23 16:10:16.620 filters & delay LDH:4@1,Linear all=15.000000
2015-01-23 16:10:16.620 [2015-01-23 04:07:46.000000] continuity found: 25236175
475301266.000000 Q=100
2015-01-23 16:10:16.620 [2015-01-23 04:07:46.000000] restoring continuity
2015-01-23 16:10:16.620 Sending DT_OPEN
2015-01-23 16:10:16.620 Station: XX-2017
2015-01-23 16:10:16.620 Q330 Serial Number: 0100000DB18FC351
2015-01-23 16:10:16.620 AMB Serial Number: 0100000B6909DD82
2015-01-23 16:10:16.620 Seismo 1 Serial Number: 0000000000000000
2015-01-23 16:10:16.620 Seismo 2 Serial Number: 0000000000000000
2015-01-23 16:10:16.620 QAPCHP 1 Serial Number: 4643206
2015-01-23 16:10:16.620 QAPCHP 2 Serial Number: 3743050
2015-01-23 16:10:16.620 KMI Property Tag Number: 2017
2015-01-23 16:10:16.620 System Software Version: 1.146
2015-01-23 16:10:16.620 Slave Processor Version: 1.11
2015-01-23 16:10:16.620 Calibrator Type: QCAL330
2015-01-23 16:10:16.620 Calibrator Version: 1.8
2015-01-23 16:10:16.620 Auxiliary Board Type: None
2015-01-23 16:10:16.620 Clock Type: Motorola M12
2015-01-23 16:10:16.620 PLD Version: 7.9
2015-01-23 16:10:16.620 Total Hours: 72164.75
2015-01-23 16:10:16.620 Power On Hours: 36795.14
2015-01-23 16:10:16.620 Time of Last Boot: 2014-04-06 02:03:58
2015-01-23 16:10:16.620 Total Number of Boots: 120
2015-01-23 16:10:16.620 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-23 16:10:16.620 Total Number of Re-Syncs: 213
2015-01-23 16:10:16.620 Status Inputs: 00000000
2015-01-23 16:10:16.620 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-23 16:10:16.620 Clock Quality: 100%
2015-01-23 16:10:16.620 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-23 16:10:16.620 Clock Phase: 0 usec. max allowed=50000
2015-01-23 16:10:16.620 Boom positions:

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2015-01-23 16:10:16.620 Ch1: -2 Ch2: -4 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-23 16:10:16.620 Analog Status
2015-01-23 16:10:16.620 Analog Positive Supply: 5.46V
2015-01-23 16:10:16.620 Input Voltage: 13.05V
2015-01-23 16:10:16.620 System Temperature: 5C
2015-01-23 16:10:16.620 Main Current: 63ma
2015-01-23 16:10:16.620 Antenna Current: 0ma
2015-01-23 16:10:16.620 GPS Status
2015-01-23 16:10:16.620 Time: 16:10:15
2015-01-23 16:10:16.620 Date:
2015-01-23 16:10:16.620 Fix Type: 1-D
2015-01-23 16:10:16.620 Height:
2015-01-23 16:10:16.620 Latitude:
2015-01-23 16:10:16.620 Longitude:
2015-01-23 16:10:16.620 On Time: 0min
2015-01-23 16:10:16.620 Sat. Used: 0
2015-01-23 16:10:16.620 In View: 0
2015-01-23 16:10:16.620 Checksum Errors: 0
2015-01-23 16:10:16.620 Last GPS timemark: 2015-01-23 16:10:14
2015-01-23 16:10:16.620 PLL Status
2015-01-23 16:10:16.620 State: Lock
2015-01-23 16:10:16.620 Initial VCO: 2201.699951
2015-01-23 16:10:16.620 Time Error: 0.000000
2015-01-23 16:10:16.620 RMS VCO: 0.0000000
2015-01-23 16:10:16.620 Best VCO: 2201.69
2015-01-23 16:10:16.620 Seconds Since Track or Lock: 0.0
2015-01-23 16:10:16.620 Vco Control: 2202
2015-01-23 16:10:16.620 timing mode: external seascan
2015-01-23 16:10:16.620 tempco normal
2015-01-23 16:10:16.620 PLL update: 10s PLL lock criterion: 5us
2015-01-23 16:10:16.620 Pfrac: 150.00
2015-01-23 16:10:16.620 VCO slope: -0.0175000
2015-01-23 16:10:16.620 VCO intercept: 7.1100001
2015-01-23 16:10:16.620 Km delta: 600.0000000
2015-01-23 16:10:16.620 Logical Port 4 Status
2015-01-23 16:10:16.620 Data Packets Sent: 29171114
2015-01-23 16:10:16.620 Flood Packets Sent: 0
2015-01-23 16:10:16.620 Sequence Errors: 0
2015-01-23 16:10:16.620 Packet Buffer Used: 21010204
2015-01-23 16:10:16.620 Physical Port: Ethernet
2015-01-23 16:10:16.620 Baler Model: 14 Software Version: 2.28
2015-01-23 16:10:16.620 MAC Address: 00:04:FB:00:02:EA
2015-01-23 16:10:16.620 Disk Size: 20000669696
2015-01-23 16:10:16.620 Percent of 1177 data files in use: 55.6
2015-01-23 16:10:16.620 Channels Enabled: 1234 Preamps ON channels:
2015-01-23 16:10:16.620 Channel Sensitivities (uV per count):
2015-01-23 16:10:16.620 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-23 16:10:16.620 Digitizer Calibration Results:
2015-01-23 16:10:16.620 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-23 16:10:16.620 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-23 16:10:16.620 DMU1 Software Version=10
2015-01-23 16:10:16.620 Supply Voltage=12.6
2015-01-23 16:10:16.620 Supply Current=0.41
2015-01-23 16:10:16.620 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-23 16:10:16.620 WebLink Data Maps Restored
2015-01-23 16:10:16.620 [2015-01-23 04:07:46.000000] sequence resumes: 25236175 to
25236175
2015-01-23 16:10:16.620 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-23 16:10:15
2015-01-23 16:15:38.050 Reducing Status Polling Interval
2015-01-23 16:15:38.050 [2015-01-23 16:15:36.999998] total packets received: 44246
2015-01-23 16:15:38.050 [2015-01-23 16:15:36.999998] command timeouts: 6
2015-01-23 16:15:38.050 [2015-01-23 16:15:36.999998] out of window: 60

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2015-01-23 16:15:38.050 written: HHZ-1119 HH1-1257 HH2-1269 BDH-434 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2015-01-23 16:15:38.050 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-24  
VMZ-2 VM1-2  
2015-01-23 16:15:38.050 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
2015-01-23 16:15:38.050 [2015-01-23 16:15:36.999998] Done: 4218 recs. seq end:  
25279846. run: 317 s  
2015-01-24 04:16:33.580  
2015-01-24 04:16:33.580 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2015-01-24 04:16:33.580 Control Port 2491 Opened  
2015-01-24 04:16:33.580 Baler ready on Ethernet  
2015-01-24 04:16:33.580 Power Cycled Baler Acknowledged  
2015-01-24 04:16:33.580 Commands Accepted by Q330  
2015-01-24 04:16:33.580 Access timeout: 300 sec  
2015-01-24 04:16:33.580 Control Port 4023 Opened  
2015-01-24 04:16:33.580 Data Port 4024 Opened  
2015-01-24 04:16:33.580 Registered with Q330  
2015-01-24 04:16:33.580 Combination Record Received  
2015-01-24 04:16:33.580 Window=4 Min. Timeout=10 Max. Timeout=30  
2015-01-24 04:16:33.580 Link Reset, starting window sequence: 48737  
2015-01-24 04:16:33.580 GPS Receiver ID Received  
2015-01-24 04:16:33.580 Manufacturer's Data Received, Property Tag=2017  
2015-01-24 04:16:33.580 Digitizer Gain & Offsets Received  
2015-01-24 04:16:33.580 Msg From 192.168.200.119:Baler XX-2017 readback. 4218 recs.  
seq end: 25279846  
2015-01-24 04:16:33.580 Baler clock set to 2015-01-24 04:16:32  
2015-01-24 04:16:33.580 Starting to Read DP Tokens  
2015-01-24 04:16:33.580 DP Tokens loaded, size=1474 bytes  
2015-01-24 04:16:33.580 webserver advertising 192.168.200.119:5380  
2015-01-24 04:16:33.580 filters & delay HHZ:1@100,Linear all=0.320000  
2015-01-24 04:16:33.580 filters & delay HH1:2@100,Linear all=0.320000  
2015-01-24 04:16:33.580 filters & delay HH2:3@100,Linear all=0.320000  
2015-01-24 04:16:33.580 filters & delay BDH:4@20,Linear all=1.650000  
2015-01-24 04:16:33.580 filters & delay LHZ:1@1,Linear all=15.000000  
2015-01-24 04:16:33.580 filters & delay LH1:2@1,Linear all=15.000000  
2015-01-24 04:16:33.580 filters & delay LH2:3@1,Linear all=15.000000  
2015-01-24 04:16:33.580 filters & delay LDH:4@1,Linear all=15.000000  
2015-01-24 04:16:33.580 [2015-01-23 16:15:36.999998] continuity found: 25279846  
475344937.000000 Q=100  
2015-01-24 04:16:33.580 [2015-01-23 16:15:36.999998] restoring continuity  
2015-01-24 04:16:33.580 Sending DT\_OPEN  
2015-01-24 04:16:33.580 Station: XX-2017  
2015-01-24 04:16:33.580 Q330 Serial Number: 0100000DB18FC351  
2015-01-24 04:16:33.580 AMB Serial Number: 0100000B6909DD82  
2015-01-24 04:16:33.580 Seismo 1 Serial Number: 0000000000000000  
2015-01-24 04:16:33.580 Seismo 2 Serial Number: 0000000000000000  
2015-01-24 04:16:33.580 QAPCHP 1 Serial Number: 4643206  
2015-01-24 04:16:33.580 QAPCHP 2 Serial Number: 3743050  
2015-01-24 04:16:33.580 KMI Property Tag Number: 2017  
2015-01-24 04:16:33.580 System Software Version: 1.146  
2015-01-24 04:16:33.580 Slave Processor Version: 1.11  
2015-01-24 04:16:33.580 Calibrator Type: QCAL330  
2015-01-24 04:16:33.580 Calibrator Version: 1.8  
2015-01-24 04:16:33.580 Auxiliary Board Type: None  
2015-01-24 04:16:33.580 Clock Type: Motorola M12  
2015-01-24 04:16:33.580 PLD Version: 7.9  
2015-01-24 04:16:33.580 Total Hours: 72176.86  
2015-01-24 04:16:33.580 Power On Hours: 36807.24  
2015-01-24 04:16:33.580 Time of Last Boot: 2014-04-06 02:03:58  
2015-01-24 04:16:33.580 Total Number of Boots: 120  
2015-01-24 04:16:33.580 Time of Last Re-Sync: 2014-04-06 02:17:08  
2015-01-24 04:16:33.580 Total Number of Re-Syncs: 213  
2015-01-24 04:16:33.580 Status Inputs: 00000000

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2015-01-24 04:16:33.580 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2015-01-24 04:16:33.580 Clock Quality: 100%
2015-01-24 04:16:33.580 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-24 04:16:33.580 Clock Phase: 0 usec. max allowed=50000
2015-01-24 04:16:33.580 Boom positions:
2015-01-24 04:16:33.580 Ch1: -2 Ch2: -4 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-24 04:16:33.580 Analog Status
2015-01-24 04:16:33.580 Analog Positive Supply: 5.44v
2015-01-24 04:16:33.580 Input Voltage: 13.35v
2015-01-24 04:16:33.580 System Temperature: 5C
2015-01-24 04:16:33.580 Main Current: 62ma
2015-01-24 04:16:33.580 Antenna Current: 0ma
2015-01-24 04:16:33.580 GPS Status
2015-01-24 04:16:33.580 Time: 04:16:32
2015-01-24 04:16:33.580 Date:
2015-01-24 04:16:33.580 Fix Type: 1-D
2015-01-24 04:16:33.580 Height:
2015-01-24 04:16:33.580 Latitude:
2015-01-24 04:16:33.580 Longitude:
2015-01-24 04:16:33.580 On Time: 0min
2015-01-24 04:16:33.580 Sat. Used: 0
2015-01-24 04:16:33.580 In View: 0
2015-01-24 04:16:33.580 Checksum Errors: 0
2015-01-24 04:16:33.580 Last GPS timemark: 2015-01-24 04:16:31
2015-01-24 04:16:33.580 PLL Status
2015-01-24 04:16:33.580 State: Lock
2015-01-24 04:16:33.580 Intitial VCO: 2201.659912
2015-01-24 04:16:33.580 Time Error: 0.000000
2015-01-24 04:16:33.580 RMS VCO: 0.0000000
2015-01-24 04:16:33.580 Best VCO: 2201.74
2015-01-24 04:16:33.580 Seconds Since Track or Lock: 0.0
2015-01-24 04:16:33.580 Vco Control: 2201
2015-01-24 04:16:33.580 timing mode: external seascan
2015-01-24 04:16:33.580 tempco normal
2015-01-24 04:16:33.580 PLL update: 10s  PLL lock criterion: 5us
2015-01-24 04:16:33.580 Pfrac: 150.00
2015-01-24 04:16:33.580 VCO slope: -0.0175000
2015-01-24 04:16:33.580 VCO intercept: 7.1100001
2015-01-24 04:16:33.580 km delta: 600.0000000
2015-01-24 04:16:33.580 Logical Port 4 Status
2015-01-24 04:16:33.580 Data Packets Sent: 29215270
2015-01-24 04:16:33.580 Flood Packets Sent: 0
2015-01-24 04:16:33.580 Packets Re-Sent: 46579
2015-01-24 04:16:33.580 Sequence Errors: 0
2015-01-24 04:16:33.580 Packet Buffer Used: 22163012
2015-01-24 04:16:33.580 Physical Port: Ethernet
2015-01-24 04:16:33.580 Baler Model: 14   Software Version: 2.28
2015-01-24 04:16:33.580 MAC Address: 00:04:FB:00:02:EA
2015-01-24 04:16:33.580 Disk Size: 20000669696
2015-01-24 04:16:33.580 Percent of 1177 data files in use: 55.6
2015-01-24 04:16:33.580 Channels Enabled: 1234  Preamps ON channels:
2015-01-24 04:16:33.580 Channel Sensitivities (uV per count):
2015-01-24 04:16:33.580 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-24 04:16:33.580 Digitizer Calibration Results:
2015-01-24 04:16:33.580 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2015-01-24 04:16:33.580 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2015-01-24 04:16:33.580 DMU1 Software Version=10
2015-01-24 04:16:33.580 Supply Voltage=12.7
2015-01-24 04:16:33.580 Supply Current=0.41
2015-01-24 04:16:33.580 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-24 04:16:33.580 webLink Data Maps Restored
2015-01-24 04:16:33.580 [2015-01-23 16:15:36.999998] sequence resumes: 25279846 to
25279846

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2015-01-24 04:16:33.580 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-24 04:16:32
2015-01-24 04:20:04.880 [2015-01-24 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-24 04:22:09.670 Reducing Status Polling Interval
2015-01-24 04:22:09.670 [2015-01-24 04:22:07.999998] total packets received: 47712
2015-01-24 04:22:09.670 [2015-01-24 04:22:07.999998] command timeouts: 6
2015-01-24 04:22:09.670 [2015-01-24 04:22:07.999998] out of window: 67
2015-01-24 04:22:09.670 written: HHZ-1168 HH1-1431 HH2-1334 BDH-434 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-24 04:22:09.670 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-25
VMZ-1 VM1-1
2015-01-24 04:22:09.670 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-01-24 04:22:09.670 [2015-01-24 04:22:07.999998] Done: 4508 recs. seq end:
25323437. run: 331 s
2015-01-24 16:23:03.550
2015-01-24 16:23:03.550 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-24 16:23:03.550 Control Port 2491 Opened
2015-01-24 16:23:03.550 Baler ready on Ethernet
2015-01-24 16:23:03.550 Power Cycled Baler Acknowledged
2015-01-24 16:23:03.550 Commands Accepted by Q330
2015-01-24 16:23:03.550 Access timeout: 300 sec
2015-01-24 16:23:03.550 Control Port 4023 Opened
2015-01-24 16:23:03.550 Data Port 4024 Opened
2015-01-24 16:23:03.550 Registered with Q330
2015-01-24 16:23:03.550 Combination Record Received
2015-01-24 16:23:03.550 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-24 16:23:03.550 Link Reset, starting window sequence: 30810
2015-01-24 16:23:03.550 GPS Receiver ID Received
2015-01-24 16:23:03.550 Manufacturer's Data Received, Property Tag=2017
2015-01-24 16:23:03.550 Digitizer Gain & Offsets Received
2015-01-24 16:23:03.550 Msg From 192.168.200.119:Baler XX-2017 readback. 4508 recs.
seq end: 25323437
2015-01-24 16:23:03.550 Baler clock set to 2015-01-24 16:23:02
2015-01-24 16:23:03.550 Starting to Read DP Tokens
2015-01-24 16:23:03.550 DP Tokens loaded, size=1474 bytes
2015-01-24 16:23:03.550 webserver advertising 192.168.200.119:5380
2015-01-24 16:23:03.550 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-24 16:23:03.550 filters & delay HH1:2@100,Linear all=0.320000
2015-01-24 16:23:03.550 filters & delay HH2:3@100,Linear all=0.320000
2015-01-24 16:23:03.550 filters & delay BDH:4@20,Linear all=1.650000
2015-01-24 16:23:03.550 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-24 16:23:03.550 filters & delay LH1:2@1,Linear all=15.000000
2015-01-24 16:23:03.550 filters & delay LH2:3@1,Linear all=15.000000
2015-01-24 16:23:03.550 filters & delay LDH:4@1,Linear all=15.000000
2015-01-24 16:23:03.550 [2015-01-24 04:22:07.999998] continuity found: 25323437
475388528.000000 q=100
2015-01-24 16:23:03.550 [2015-01-24 04:22:07.999998] restoring continuity
2015-01-24 16:23:03.550 Sending DT_OPEN
2015-01-24 16:23:03.550 Station: XX-2017
2015-01-24 16:23:03.550 Q330 Serial Number: 0100000DB18FC351
2015-01-24 16:23:03.550 AMB Serial Number: 0100000B6909DD82
2015-01-24 16:23:03.550 Seismo 1 Serial Number: 0000000000000000
2015-01-24 16:23:03.550 Seismo 2 Serial Number: 0000000000000000
2015-01-24 16:23:03.550 QAPCHP 1 Serial Number: 4643206
2015-01-24 16:23:03.550 QAPCHP 2 Serial Number: 3743050
2015-01-24 16:23:03.550 KMI Property Tag Number: 2017
2015-01-24 16:23:03.550 System Software Version: 1.146
2015-01-24 16:23:03.550 Calibrator Type: QCAL330
2015-01-24 16:23:03.550 Calibrator Version: 1.8
2015-01-24 16:23:03.550 Auxiliary Board Type: None
2015-01-24 16:23:03.550 Clock Type: Motorola M12
2015-01-24 16:23:03.550 PLD Version: 7.9

```

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2015-01-24 16:23:03.550 Total Hours: 72188.97  
 2015-01-24 16:23:03.550 Power On Hours: 36819.35  
 2015-01-24 16:23:03.550 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-24 16:23:03.550 Total Number of Boots: 120  
 2015-01-24 16:23:03.550 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-24 16:23:03.550 Total Number of Re-Syncs: 213  
 2015-01-24 16:23:03.550 Status Inputs: 00000000  
 2015-01-24 16:23:03.550 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-24 16:23:03.550 Clock Quality: 100%  
 2015-01-24 16:23:03.550 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-24 16:23:03.550 Clock Phase: 0 usec. max allowed=50000  
 2015-01-24 16:23:03.550 Boom positions:  
 2015-01-24 16:23:03.550 ch1: -2 ch2: -4 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2015-01-24 16:23:03.550 Analog Status  
 2015-01-24 16:23:03.550 Analog Positive Supply: 5.46V  
 2015-01-24 16:23:03.550 Input Voltage: 13.20V  
 2015-01-24 16:23:03.550 System Temperature: 5C  
 2015-01-24 16:23:03.550 Main Current: 62ma  
 2015-01-24 16:23:03.550 Antenna Current: 0ma  
 2015-01-24 16:23:03.550 GPS Status  
 2015-01-24 16:23:03.550 Time: 16:23:02  
 2015-01-24 16:23:03.550 Date:  
 2015-01-24 16:23:03.550 Fix Type: 1-D  
 2015-01-24 16:23:03.550 Height:  
 2015-01-24 16:23:03.550 Latitude:  
 2015-01-24 16:23:03.550 Longitude:  
 2015-01-24 16:23:03.550 On Time: 0min  
 2015-01-24 16:23:03.550 Sat. Used: 0  
 2015-01-24 16:23:03.550 In View: 0  
 2015-01-24 16:23:03.550 Checksum Errors: 0  
 2015-01-24 16:23:03.550 Last GPS timemark: 2015-01-24 16:23:01  
 2015-01-24 16:23:03.550 PLL Status  
 2015-01-24 16:23:03.550 State: Lock  
 2015-01-24 16:23:03.550 Initial VCO: 2201.983643  
 2015-01-24 16:23:03.550 Time Error: 0.000000  
 2015-01-24 16:23:03.550 RMS VCO: 0.000000  
 2015-01-24 16:23:03.550 Best VCO: 2201.99  
 2015-01-24 16:23:03.550 Seconds Since Track or Lock: 0.0  
 2015-01-24 16:23:03.550 Vco Control: 2202  
 2015-01-24 16:23:03.550 timing mode: external seascan  
 2015-01-24 16:23:03.550 tempco normal  
 2015-01-24 16:23:03.550 PLL update: 10s PLL lock criterion: 5us  
 2015-01-24 16:23:03.550 Pfrac: 150.00  
 2015-01-24 16:23:03.550 VCO slope: -0.0175000  
 2015-01-24 16:23:03.550 VCO intercept: 7.1100001  
 2015-01-24 16:23:03.550 km delta: 600.0000000  
 2015-01-24 16:23:03.550 Logical Port 4 Status  
 2015-01-24 16:23:03.550 Data Packets Sent: 29262884  
 2015-01-24 16:23:03.550 Flood Packets Sent: 0  
 2015-01-24 16:23:03.550 Packets Re-Sent: 46667  
 2015-01-24 16:23:03.550 Sequence Errors: 0  
 2015-01-24 16:23:03.550 Packet Buffer Used: 23530956  
 2015-01-24 16:23:03.550 Physical Port: Ethernet  
 2015-01-24 16:23:03.550 Baler Model: 14 Software Version: 2.28  
 2015-01-24 16:23:03.550 MAC Address: 00:04:FB:00:02:EA  
 2015-01-24 16:23:03.550 Disk Size: 20000669696  
 2015-01-24 16:23:03.550 Percent of 1177 data files in use: 55.8  
 2015-01-24 16:23:03.550 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-24 16:23:03.550 Channel sensitivities (uV per count):  
 2015-01-24 16:23:03.550 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-24 16:23:03.550 Digitizer Calibration Results:  
 2015-01-24 16:23:03.550 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-24 16:23:03.550 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2015-01-24 16:23:03.550 DMU1 Software Version=10  
 2015-01-24 16:23:03.550 Supply Voltage=12.6  
 2015-01-24 16:23:03.550 Supply Current=0.41  
 2015-01-24 16:23:03.550 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-24 16:23:03.550 WebLink Data Maps Restored  
 2015-01-24 16:23:03.550 [2015-01-24 04:22:07.999998] sequence resumes: 25323437 to 25323437  
 2015-01-24 16:23:03.550 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-24 16:23:02  
 2015-01-24 16:28:58.480 Reducing Status Polling Interval  
 2015-01-24 16:28:58.480 [2015-01-24 16:28:57.999998] total packets received: 62809  
 2015-01-24 16:28:58.480 [2015-01-24 16:28:57.999998] command timeouts: 6  
 2015-01-24 16:28:58.480 [2015-01-24 16:28:57.999998] out of window: 58  
 2015-01-24 16:28:58.480 written: HHZ-1285 HH1-1453 HH2-1493 BDH-456 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-01-24 16:28:58.480 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-29 LH2-29 LDH-39  
 VMZ-2 VM1-2  
 2015-01-24 16:28:58.480 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-01-24 16:28:58.480 [2015-01-24 16:28:57.999998] Done: 4851 recs. seq end: 25367047. run: 352 s  
 2015-01-25 04:29:52.630  
 2015-01-25 04:29:52.630 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-25 04:29:52.630 Control Port 2491 Opened  
 2015-01-25 04:29:52.630 Baler ready on Ethernet  
 2015-01-25 04:29:52.630 Power Cycled Baler Acknowledged  
 2015-01-25 04:29:52.630 Commands Accepted by Q330  
 2015-01-25 04:29:52.630 Access timeout: 300 sec  
 2015-01-25 04:29:52.630 Control Port 4023 Opened  
 2015-01-25 04:29:52.630 Data Port 4024 Opened  
 2015-01-25 04:29:52.630 Registered with Q330  
 2015-01-25 04:29:52.630 Combination Record Received  
 2015-01-25 04:29:52.630 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-25 04:29:52.630 Link Reset, starting window sequence: 27987  
 2015-01-25 04:29:52.630 GPS Receiver ID Received  
 2015-01-25 04:29:52.630 Manufacturer's Data Received, Property Tag=2017  
 2015-01-25 04:29:52.630 Digitizer Gain & Offsets Received  
 2015-01-25 04:29:52.630 Msg From 192.168.200.119:Baler XX-2017 readback. 4851 recs. seq end: 25367047  
 2015-01-25 04:29:52.630 Baler clock set to 2015-01-25 04:29:51  
 2015-01-25 04:29:52.630 Starting to Read DP Tokens  
 2015-01-25 04:29:52.630 DP Tokens loaded, size=1474 bytes  
 2015-01-25 04:29:52.630 Webserver advertising 192.168.200.119:5380  
 2015-01-25 04:29:52.630 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-01-25 04:29:52.630 filters & delay HH1:2@100,Linear all=0.320000  
 2015-01-25 04:29:52.630 filters & delay HH2:3@100,Linear all=0.320000  
 2015-01-25 04:29:52.630 filters & delay BDH:4@20,Linear all=1.650000  
 2015-01-25 04:29:52.630 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-01-25 04:29:52.630 filters & delay LH1:2@1,Linear all=15.000000  
 2015-01-25 04:29:52.630 filters & delay LH2:3@1,Linear all=15.000000  
 2015-01-25 04:29:52.630 filters & delay LDH:4@1,Linear all=15.000000  
 2015-01-25 04:29:52.630 [2015-01-24 16:28:57.999998] continuity found: 25367047 475432138.000000 Q=100  
 2015-01-25 04:29:52.630 [2015-01-24 16:28:57.999998] restoring continuity  
 2015-01-25 04:29:52.630 Sending DT\_OPEN  
 2015-01-25 04:29:52.630 Station: XX-2017  
 2015-01-25 04:29:52.630 Q330 Serial Number: 0100000DB18FC351  
 2015-01-25 04:29:52.630 AMB Serial Number: 0100000B6909DD82  
 2015-01-25 04:29:52.630 Seismo 1 Serial Number: 0000000000000000  
 2015-01-25 04:29:52.630 Seismo 2 Serial Number: 0000000000000000  
 2015-01-25 04:29:52.630 QAPCHP 1 Serial Number: 4643206  
 2015-01-25 04:29:52.630 QAPCHP 2 Serial Number: 3743050  
 2015-01-25 04:29:52.630 KMI Property Tag Number: 2017  
 2015-01-25 04:29:52.630 System Software Version: 1.146

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2015-01-25 04:29:52.630 Slave Processor Version: 1.11  
 2015-01-25 04:29:52.630 Calibrator Type: QCAL330  
 2015-01-25 04:29:52.630 Calibrator Version: 1.8  
 2015-01-25 04:29:52.630 Auxiliary Board Type: None  
 2015-01-25 04:29:52.630 Clock Type: Motorola M12  
 2015-01-25 04:29:52.630 PLD Version: 7.9  
 2015-01-25 04:29:52.630 Total Hours: 72201.08  
 2015-01-25 04:29:52.630 Power On Hours: 36831.47  
 2015-01-25 04:29:52.630 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-25 04:29:52.630 Total Number of Boots: 120  
 2015-01-25 04:29:52.630 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-25 04:29:52.630 Total Number of Re-Syncs: 213  
 2015-01-25 04:29:52.630 Status Inputs: 00000000  
 2015-01-25 04:29:52.630 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-25 04:29:52.630 Clock Quality: 100%  
 2015-01-25 04:29:52.630 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-25 04:29:52.630 Clock Phase: 1 usec. max allowed=50000  
 2015-01-25 04:29:52.630 Boom positions:  
 2015-01-25 04:29:52.630 ch1: -2 ch2: -6 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2015-01-25 04:29:52.630 Analog Status  
 2015-01-25 04:29:52.630 Analog Positive Supply: 5.46V  
 2015-01-25 04:29:52.630 Input Voltage: 13.35V  
 2015-01-25 04:29:52.630 System Temperature: 5C  
 2015-01-25 04:29:52.630 Main Current: 62ma  
 2015-01-25 04:29:52.630 Antenna Current: 0ma  
 2015-01-25 04:29:52.630 GPS Status  
 2015-01-25 04:29:52.630 Time: 04:29:51  
 2015-01-25 04:29:52.630 Date:  
 2015-01-25 04:29:52.630 Fix Type: 1-D  
 2015-01-25 04:29:52.630 Height:  
 2015-01-25 04:29:52.630 Latitude:  
 2015-01-25 04:29:52.630 Longitude:  
 2015-01-25 04:29:52.630 On Time: 0min  
 2015-01-25 04:29:52.630 Sat. Used: 0  
 2015-01-25 04:29:52.630 In View: 0  
 2015-01-25 04:29:52.630 Checksum Errors: 0  
 2015-01-25 04:29:52.630 Last GPS timemark: 2015-01-25 04:29:50  
 2015-01-25 04:29:52.630 PLL Status  
 2015-01-25 04:29:52.630 State: Lock  
 2015-01-25 04:29:52.630 Initial VCO: 2201.284668  
 2015-01-25 04:29:52.630 Time Error: 0.000000  
 2015-01-25 04:29:52.630 RMS VCO: 0.000000  
 2015-01-25 04:29:52.630 Best VCO: 2201.22  
 2015-01-25 04:29:52.630 Seconds Since Track or Lock: 0.0  
 2015-01-25 04:29:52.630 Vco Control: 2201  
 2015-01-25 04:29:52.630 timing mode: external seascan  
 2015-01-25 04:29:52.630 tempco normal  
 2015-01-25 04:29:52.630 PLL update: 10s PLL lock criterion: 5us  
 2015-01-25 04:29:52.630 Pfrac: 150.00  
 2015-01-25 04:29:52.630 VCO slope: -0.0175000  
 2015-01-25 04:29:52.630 VCO intercept: 7.1100001  
 2015-01-25 04:29:52.630 km delta: 600.0000000  
 2015-01-25 04:29:52.630 Logical Port 4 Status  
 2015-01-25 04:29:52.630 Data Packets Sent: 29325603  
 2015-01-25 04:29:52.630 Flood Packets Sent: 0  
 2015-01-25 04:29:52.630 Packets Re-Sent: 46741  
 2015-01-25 04:29:52.630 Sequence Errors: 0  
 2015-01-25 04:29:52.630 Packet Buffer Used: 24470976  
 2015-01-25 04:29:52.630 Physical Port: Ethernet  
 2015-01-25 04:29:52.630 Baler Model: 14 Software Version: 2.28  
 2015-01-25 04:29:52.630 MAC Address: 00:04:FB:00:02:EA  
 2015-01-25 04:29:52.630 Disk Size: 20000669696  
 2015-01-25 04:29:52.630 Percent of 1177 data files in use: 55.9

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2015-01-25 04:29:52.630 Channels Enabled: 1234 Preamps ON channels:
2015-01-25 04:29:52.630 Channel Sensitivities (uV per count):
2015-01-25 04:29:52.630 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-25 04:29:52.630 Digitizer Calibration Results:
2015-01-25 04:29:52.630 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-25 04:29:52.630 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-25 04:29:52.630 DMU1 Software Version=10
2015-01-25 04:29:52.630 Supply Voltage=12.7
2015-01-25 04:29:52.630 Supply Current=0.41
2015-01-25 04:29:52.630 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-25 04:29:52.630 WebLink Data Maps Restored
2015-01-25 04:29:52.630 [2015-01-24 16:28:57.999998] sequence resumes: 25367047 to
25367047
2015-01-25 04:29:52.630 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-25 04:29:51
2015-01-25 04:33:49.640 [2015-01-25 00:00:00.000000] saving Configuration to Backup
Memory
2015-01-25 04:36:15.580 Reducing Status Polling Interval
2015-01-25 04:36:15.580 [2015-01-25 04:36:14.999998] total packets received: 76840
2015-01-25 04:36:15.580 [2015-01-25 04:36:14.999998] command timeouts: 6
2015-01-25 04:36:15.580 [2015-01-25 04:36:14.999998] out of window: 65
2015-01-25 04:36:15.580 written: HHZ-1330 HH1-1551 HH2-1564 BDH-461 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-01-25 04:36:15.580 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-27 LH1-36 LH2-36 LDH-44
VMZ-2 VM1-2
2015-01-25 04:36:15.580 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-01-25 16:37:06.540
2015-01-25 16:37:06.540 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-25 16:37:06.540 Control Port 2491 Opened
2015-01-25 16:37:06.540 Baler ready on Ethernet
2015-01-25 16:37:06.540 Power Cycled Baler Acknowledged
2015-01-25 16:37:06.540 Commands Accepted by Q330
2015-01-25 16:37:06.540 Access timeout: 300 sec
2015-01-25 16:37:06.540 Control Port 4023 Opened
2015-01-25 16:37:06.540 Data Port 4024 Opened
2015-01-25 16:37:06.540 Registered with Q330
2015-01-25 16:37:06.540 Combination Record Received
2015-01-25 16:37:06.540 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-25 16:37:06.540 Link Reset, starting window sequence: 39187
2015-01-25 16:37:06.540 GPS Receiver ID Received
2015-01-25 16:37:06.540 Manufacturer's Data Received, Property Tag=2017
2015-01-25 16:37:06.540 Digitizer Gain & Offsets Received
2015-01-25 16:37:06.540 Msg From 192.168.200.119:Baler XX-2017 readback. 5097 recs.
seq end: 25410684
2015-01-25 16:37:06.540 Baler clock set to 2015-01-25 16:37:05
2015-01-25 16:37:06.540 Starting to Read DP Tokens
2015-01-25 16:37:06.540 DP Tokens loaded, size=1474 bytes
2015-01-25 16:37:06.540 webserver advertising 192.168.200.119:5380
2015-01-25 16:37:06.540 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-25 16:37:06.540 filters & delay HH1:2@100,Linear all=0.320000
2015-01-25 16:37:06.540 filters & delay HH2:3@100,Linear all=0.320000
2015-01-25 16:37:06.540 filters & delay BDH:4@20,Linear all=1.650000
2015-01-25 16:37:06.540 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-25 16:37:06.540 filters & delay LH1:2@1,Linear all=15.000000
2015-01-25 16:37:06.540 filters & delay LH2:3@1,Linear all=15.000000
2015-01-25 16:37:06.540 filters & delay LDH:4@1,Linear all=15.000000
2015-01-25 16:37:06.540 [2015-01-25 04:36:14.999998] continuity found: 25410684
475475775.000000 Q=100
2015-01-25 16:37:06.540 [2015-01-25 04:36:14.999998] restoring continuity
2015-01-25 16:37:06.540 Sending DT_OPEN
2015-01-25 16:37:06.540 Station: XX-2017
2015-01-25 16:37:06.540 Q330 Serial Number: 0100000DB18FC351
2015-01-25 16:37:06.540 AMB Serial Number: 0100000B6909DD82

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2015-01-25 16:37:06.540 Seismo 1 Serial Number: 0000000000000000  
 2015-01-25 16:37:06.540 Seismo 2 Serial Number: 0000000000000000  
 2015-01-25 16:37:06.540 QAPCHP 1 Serial Number: 4643206  
 2015-01-25 16:37:06.540 QAPCHP 2 Serial Number: 3743050  
 2015-01-25 16:37:06.540 KMI Property Tag Number: 2017  
 2015-01-25 16:37:06.540 System Software Version: 1.146  
 2015-01-25 16:37:06.540 Slave Processor Version: 1.11  
 2015-01-25 16:37:06.540 Calibrator Type: QCAL330  
 2015-01-25 16:37:06.540 Calibrator Version: 1.8  
 2015-01-25 16:37:06.540 Auxiliary Board Type: None  
 2015-01-25 16:37:06.540 Clock Type: Motorola M12  
 2015-01-25 16:37:06.540 PLD Version: 7.9  
 2015-01-25 16:37:06.540 Total Hours: 72213.20  
 2015-01-25 16:37:06.540 Power On Hours: 36843.59  
 2015-01-25 16:37:06.540 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-25 16:37:06.540 Total Number of Boots: 120  
 2015-01-25 16:37:06.540 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-25 16:37:06.540 Total Number of Re-Syncs: 213  
 2015-01-25 16:37:06.540 Status Inputs: 00000000  
 2015-01-25 16:37:06.540 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-25 16:37:06.540 Clock Quality: 100%  
 2015-01-25 16:37:06.540 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-25 16:37:06.540 Clock Phase: 0 usec. max allowed=50000  
 2015-01-25 16:37:06.540 Boom positions:  
 2015-01-25 16:37:06.540 ch1: -2 ch2: -6 ch3: 6 ch4: 20 ch5: 20 ch6: 20  
 2015-01-25 16:37:06.540 Analog Status  
 2015-01-25 16:37:06.540 Analog Positive Supply: 5.46V  
 2015-01-25 16:37:06.540 Input Voltage: 13.20V  
 2015-01-25 16:37:06.540 System Temperature: 5C  
 2015-01-25 16:37:06.540 Main Current: 62ma  
 2015-01-25 16:37:06.540 Antenna Current: 0ma  
 2015-01-25 16:37:06.540 GPS Status  
 2015-01-25 16:37:06.540 Time: 16:37:05  
 2015-01-25 16:37:06.540 Date:  
 2015-01-25 16:37:06.540 Fix Type: 1-D  
 2015-01-25 16:37:06.540 Height:  
 2015-01-25 16:37:06.540 Latitude:  
 2015-01-25 16:37:06.540 Longitude:  
 2015-01-25 16:37:06.540 On Time: 0min  
 2015-01-25 16:37:06.540 Sat. Used: 0  
 2015-01-25 16:37:06.540 In View: 0  
 2015-01-25 16:37:06.540 Checksum Errors: 0  
 2015-01-25 16:37:06.540 Last GPS timemark: 2015-01-25 16:37:04  
 2015-01-25 16:37:06.540 PLL Status  
 2015-01-25 16:37:06.540 State: Lock  
 2015-01-25 16:37:06.540 Initial VCO: 2201.449463  
 2015-01-25 16:37:06.540 Time Error: 0.000000  
 2015-01-25 16:37:06.540 RMS VCO: 0.000000  
 2015-01-25 16:37:06.540 Best VCO: 2201.42  
 2015-01-25 16:37:06.540 Seconds Since Track or Lock: 0.0  
 2015-01-25 16:37:06.540 Vco Control: 2201  
 2015-01-25 16:37:06.540 timing mode: external seascan  
 2015-01-25 16:37:06.540 tempco normal  
 2015-01-25 16:37:06.540 PLL update: 10s PLL lock criterion: 5us  
 2015-01-25 16:37:06.540 Pfrac: 150.00  
 2015-01-25 16:37:06.540 VCO slope: -0.0175000  
 2015-01-25 16:37:06.540 VCO intercept: 7.1100001  
 2015-01-25 16:37:06.540 km delta: 600.000000  
 2015-01-25 16:37:06.540 Logical Port 4 Status  
 2015-01-25 16:37:06.540 Data Packets Sent: 29402345  
 2015-01-25 16:37:06.540 Flood Packets Sent: 0  
 2015-01-25 16:37:06.540 Packets Re-Sent: 46821  
 2015-01-25 16:37:06.540 Sequence Errors: 0

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2015-01-25 16:37:06.540 Packet Buffer Used: 24078444
2015-01-25 16:37:06.540 Physical Port: Ethernet
2015-01-25 16:37:06.540 Baler Model: 14   Software Version: 2.28
2015-01-25 16:37:06.540 MAC Address: 00:04:FB:00:02:EA
2015-01-25 16:37:06.540 Disk Size: 20000669696
2015-01-25 16:37:06.540 Percent of 1177 data files in use: 56.0
2015-01-25 16:37:06.540 Channels Enabled: 1234   Preamps ON channels:
2015-01-25 16:37:06.540 Channel Sensitivities (uV per count):
2015-01-25 16:37:06.540 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-25 16:37:06.540 Digitizer Calibration Results:
2015-01-25 16:37:06.540 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2015-01-25 16:37:06.540 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2015-01-25 16:37:06.540 DMU1 Software Version=10
2015-01-25 16:37:06.540 Supply Voltage=12.7
2015-01-25 16:37:06.540 Supply Current=0.41
2015-01-25 16:37:06.540 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-25 16:37:06.540 webLink Data Maps Restored
2015-01-25 16:37:06.540 [2015-01-25 04:36:14.999998] sequence resumes: 25410684 to
25410684
2015-01-25 16:37:06.540 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-25 16:37:05
2015-01-25 16:40:58.220 Reducing Status Polling Interval
2015-01-25 16:43:14.270 [2015-01-25 16:37:06.000000] total packets received: 70323
2015-01-25 16:43:14.270 [2015-01-25 16:37:06.000000] command timeouts: 6
2015-01-25 16:43:14.270 [2015-01-25 16:37:06.000000] out of window: 67
2015-01-25 16:43:14.270 written: HHZ-1299 HH1-1515 HH2-1505 BDH-456 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-25 16:43:14.270 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-26 LH1-35 LH2-37 LDH-44
VMZ-1 VM1-1
2015-01-25 16:43:14.270 written: VM2-1 OAC-1 LOG-3 ACE-1 OCF-1
2015-01-25 16:43:14.270 [2015-01-25 16:37:06.000000] Done: 4958 recs. seq end:
25453935. run: 365 s
2015-01-26 04:44:10.630
2015-01-26 04:44:10.630 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-26 04:44:10.630 Control Port 2491 Opened
2015-01-26 04:44:10.630 Baler ready on Ethernet
2015-01-26 04:44:10.630 Power Cycled Baler Acknowledged
2015-01-26 04:44:10.630 Commands Accepted by Q330
2015-01-26 04:44:10.630 Access timeout: 300 sec
2015-01-26 04:44:10.630 Control Port 4023 Opened
2015-01-26 04:44:10.630 Data Port 4024 Opened
2015-01-26 04:44:10.630 Registered with Q330
2015-01-26 04:44:10.630 Combination Record Received
2015-01-26 04:44:10.630 Window=4   Min. Timeout=10   Max. Timeout=30
2015-01-26 04:44:10.630 Link Reset, starting window sequence: 43849
2015-01-26 04:44:10.630 GPS Receiver ID Received
2015-01-26 04:44:10.630 Manufacturer's Data Received, Property Tag=2017
2015-01-26 04:44:10.630 Digitizer Gain & Offsets Received
2015-01-26 04:44:10.630 Msg From 192.168.200.119:Baler XX-2017 readback. 4958 recs.
seq end: 25453935
2015-01-26 04:44:10.630 Baler clock set to 2015-01-26 04:44:09
2015-01-26 04:44:10.630 Starting to Read DP Tokens
2015-01-26 04:44:10.630 DP Tokens loaded, size=1474 bytes
2015-01-26 04:44:10.630 webserver advertising 192.168.200.119:5380
2015-01-26 04:44:10.630 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-26 04:44:10.630 filters & delay HH1:2@100,Linear all=0.320000
2015-01-26 04:44:10.630 filters & delay HH2:3@100,Linear all=0.320000
2015-01-26 04:44:10.630 filters & delay BDH:4@20,Linear all=1.650000
2015-01-26 04:44:10.630 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-26 04:44:10.630 filters & delay LH1:2@1,Linear all=15.000000
2015-01-26 04:44:10.630 filters & delay LH2:3@1,Linear all=15.000000
2015-01-26 04:44:10.630 filters & delay LDH:4@1,Linear all=15.000000
2015-01-26 04:44:10.630 [2015-01-25 16:37:06.000000] continuity found: 25453935

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475519026.000000 Q=100
2015-01-26 04:44:10.630 [2015-01-25 16:37:06.000000] restoring continuity
2015-01-26 04:44:10.630 Sending DT_OPEN
2015-01-26 04:44:10.630 Station: XX-2017
2015-01-26 04:44:10.630 Q330 Serial Number: 0100000DB18FC351
2015-01-26 04:44:10.630 AMB Serial Number: 0100000B6909DD82
2015-01-26 04:44:10.630 Seismo 1 Serial Number: 0000000000000000
2015-01-26 04:44:10.630 Seismo 2 Serial Number: 0000000000000000
2015-01-26 04:44:10.630 QAPCHP 1 Serial Number: 4643206
2015-01-26 04:44:10.630 QAPCHP 2 Serial Number: 3743050
2015-01-26 04:44:10.630 KMI Property Tag Number: 2017
2015-01-26 04:44:10.630 System Software Version: 1.146
2015-01-26 04:44:10.630 Slave Processor Version: 1.11
2015-01-26 04:44:10.630 Calibrator Type: QCAL330
2015-01-26 04:44:10.630 Calibrator Version: 1.8
2015-01-26 04:44:10.630 Auxiliary Board Type: None
2015-01-26 04:44:10.630 Clock Type: Motorola M12
2015-01-26 04:44:10.630 PLD Version: 7.9
2015-01-26 04:44:10.630 Total Hours: 72225.32
2015-01-26 04:44:10.630 Power On Hours: 36855.70
2015-01-26 04:44:10.630 Time of Last Boot: 2014-04-06 02:03:58
2015-01-26 04:44:10.630 Total Number of Boots: 120
2015-01-26 04:44:10.630 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-26 04:44:10.630 Total Number of Re-Syncs: 213
2015-01-26 04:44:10.630 Status Inputs: 00000000
2015-01-26 04:44:10.630 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-26 04:44:10.630 Clock Quality: 100%
2015-01-26 04:44:10.630 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-26 04:44:10.630 Clock Phase: 0 usec. max allowed=50000
2015-01-26 04:44:10.630 Boom positions:
2015-01-26 04:44:10.630 Ch1: -2 Ch2: -7 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-26 04:44:10.630 Analog Status
2015-01-26 04:44:10.630 Analog Positive Supply: 5.46V
2015-01-26 04:44:10.630 Input Voltage: 13.20V
2015-01-26 04:44:10.630 System Temperature: 5C
2015-01-26 04:44:10.630 Main Current: 61ma
2015-01-26 04:44:10.630 Antenna Current: 0ma
2015-01-26 04:44:10.630 GPS Status
2015-01-26 04:44:10.630 Time: 04:44:09
2015-01-26 04:44:10.630 Date:
2015-01-26 04:44:10.630 Fix Type: 1-D
2015-01-26 04:44:10.630 Height:
2015-01-26 04:44:10.630 Latitude:
2015-01-26 04:44:10.630 Longitude:
2015-01-26 04:44:10.630 On Time: 0min
2015-01-26 04:44:10.630 Sat. Used: 0
2015-01-26 04:44:10.630 In View: 0
2015-01-26 04:44:10.630 Checksum Errors: 0
2015-01-26 04:44:10.630 Last GPS timemark: 2015-01-26 04:44:08
2015-01-26 04:44:10.630 PLL Status
2015-01-26 04:44:10.630 State: Lock
2015-01-26 04:44:10.630 Initial VCO: 2201.235840
2015-01-26 04:44:10.630 Time Error: 0.000000
2015-01-26 04:44:10.630 Best VCO: 2201.36
2015-01-26 04:44:10.630 Seconds Since Track or Lock: 0.0
2015-01-26 04:44:10.630 Vco Control: 2201
2015-01-26 04:44:10.630 timing mode: external seascan
2015-01-26 04:44:10.630 tempco normal
2015-01-26 04:44:10.630 PLL update: 10s PLL lock criterion: 5us
2015-01-26 04:44:10.630 Pfrac: 150.00
2015-01-26 04:44:10.630 VCO slope: -0.0175000
2015-01-26 04:44:10.630 VCO intercept: 7.1100001
2015-01-26 04:44:10.630 km delta: 600.000000

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2015-01-26 04:44:10.630 Logical Port 4 Status  
 2015-01-26 04:44:10.630 Data Packets Sent: 29472548  
 2015-01-26 04:44:10.630 Flood Packets Sent: 0  
 2015-01-26 04:44:10.630 Packets Re-Sent: 46908  
 2015-01-26 04:44:10.630 Sequence Errors: 0  
 2015-01-26 04:44:10.630 Packet Buffer Used: 23982232  
 2015-01-26 04:44:10.630 Physical Port: Ethernet  
 2015-01-26 04:44:10.630 Baler Model: 14 Software Version: 2.28  
 2015-01-26 04:44:10.630 MAC Address: 00:04:FB:00:02:EA  
 2015-01-26 04:44:10.630 Disk Size: 20000669696  
 2015-01-26 04:44:10.630 Percent of 1177 data files in use: 56.1  
 2015-01-26 04:44:10.630 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-26 04:44:10.630 Channel Sensitivities (uV per count):  
 2015-01-26 04:44:10.630 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-26 04:44:10.630 Digitizer Calibration Results:  
 2015-01-26 04:44:10.630 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-26 04:44:10.630 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-26 04:44:10.630 DMU1 Software Version=10  
 2015-01-26 04:44:10.630 Supply Voltage=12.7  
 2015-01-26 04:44:10.630 Supply Current=0.41  
 2015-01-26 04:44:10.630 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-26 04:44:10.630 WebLink Data Maps Restored  
 2015-01-26 04:44:10.630 [2015-01-25 16:37:06.000000] sequence resumes: 25453935 to  
 25453935  
 2015-01-26 04:44:10.630 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-01-26 04:44:09  
 2015-01-26 04:48:08.120 [2015-01-26 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-01-26 04:50:13.080 Reducing Status Polling Interval  
 2015-01-26 04:50:13.080 [2015-01-26 04:50:11.999998] total packets received: 66986  
 2015-01-26 04:50:13.080 [2015-01-26 04:50:11.999998] command timeouts: 6  
 2015-01-26 04:50:13.080 [2015-01-26 04:50:11.999998] out of window: 57  
 2015-01-26 04:50:13.080 written: HHZ-1269 HH1-1546 HH2-1514 BDH-458 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-01-26 04:50:13.080 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-29 LH2-30 LDH-41  
 VMZ-2 VM1-2  
 2015-01-26 04:50:13.080 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-01-26 04:50:13.080 [2015-01-26 04:50:11.999998] Done: 4958 recs. seq end:  
 25497921. run: 360 s  
 2015-01-26 16:51:09.600  
 2015-01-26 16:51:09.600 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-26 16:51:09.600 Control Port 2491 Opened  
 2015-01-26 16:51:09.600 Baler ready on Ethernet  
 2015-01-26 16:51:09.600 Power Cycled Baler Acknowledged  
 2015-01-26 16:51:09.600 Commands Accepted by Q330  
 2015-01-26 16:51:09.600 Access timeout: 300 sec  
 2015-01-26 16:51:09.600 Control Port 4023 Opened  
 2015-01-26 16:51:09.600 Data Port 4024 Opened  
 2015-01-26 16:51:09.600 Registered with Q330  
 2015-01-26 16:51:09.600 Combination Record Received  
 2015-01-26 16:51:09.600 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-26 16:51:09.600 Link Reset, starting window sequence: 45204  
 2015-01-26 16:51:09.600 GPS Receiver ID Received  
 2015-01-26 16:51:09.600 Manufacturer's Data Received, Property Tag=2017  
 2015-01-26 16:51:09.600 Digitizer Gain & Offsets Received  
 2015-01-26 16:51:09.600 Msg From 192.168.200.119:Baler XX-2017 readback. 4958 recs.  
 seq end: 25497921  
 2015-01-26 16:51:09.600 Baler clock set to 2015-01-26 16:51:08  
 2015-01-26 16:51:09.600 Starting to Read DP Tokens  
 2015-01-26 16:51:09.600 DP Tokens loaded, size=1474 bytes  
 2015-01-26 16:51:09.600 webserver advertising 192.168.200.119:5380  
 2015-01-26 16:51:09.600 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-01-26 16:51:09.600 filters & delay HH1:2@100,Linear all=0.320000

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2015-01-26 16:51:09.600 filters & delay HH2:3@100,Linear all=0.320000
2015-01-26 16:51:09.600 filters & delay BDH:4@20,Linear all=1.650000
2015-01-26 16:51:09.600 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-26 16:51:09.600 filters & delay LH1:2@1,Linear all=15.000000
2015-01-26 16:51:09.600 filters & delay LH2:3@1,Linear all=15.000000
2015-01-26 16:51:09.600 filters & delay LDH:4@1,Linear all=15.000000
2015-01-26 16:51:09.600 [2015-01-26 04:50:11.999998] continuity found: 25497921
475563012.000000 Q=100
2015-01-26 16:51:09.600 [2015-01-26 04:50:11.999998] restoring continuity
2015-01-26 16:51:09.600 Sending DT_OPEN
2015-01-26 16:51:09.600 Station: XX-2017
2015-01-26 16:51:09.600 Q330 Serial Number: 0100000DB18FC351
2015-01-26 16:51:09.600 AMB Serial Number: 0100000B6909DD82
2015-01-26 16:51:09.600 Seismo 1 Serial Number: 0000000000000000
2015-01-26 16:51:09.600 Seismo 2 Serial Number: 0000000000000000
2015-01-26 16:51:09.600 QAPCHP 1 Serial Number: 4643206
2015-01-26 16:51:09.600 QAPCHP 2 Serial Number: 3743050
2015-01-26 16:51:09.600 KMI Property Tag Number: 2017
2015-01-26 16:51:09.600 System Software Version: 1.146
2015-01-26 16:51:09.600 Slave Processor Version: 1.11
2015-01-26 16:51:09.600 Calibrator Type: QCAL330
2015-01-26 16:51:09.600 Calibrator Version: 1.8
2015-01-26 16:51:09.600 Auxiliary Board Type: None
2015-01-26 16:51:09.600 Clock Type: Motorola M12
2015-01-26 16:51:09.600 PLD Version: 7.9
2015-01-26 16:51:09.600 Total Hours: 72237.44
2015-01-26 16:51:09.600 Power On Hours: 36867.82
2015-01-26 16:51:09.600 Time of Last Boot: 2014-04-06 02:03:58
2015-01-26 16:51:09.600 Total Number of Boots: 120
2015-01-26 16:51:09.600 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-26 16:51:09.600 Total Number of Re-Syncs: 213
2015-01-26 16:51:09.600 Status Inputs: 00000000
2015-01-26 16:51:09.600 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2015-01-26 16:51:09.600 Clock Quality: 100%
2015-01-26 16:51:09.600 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-26 16:51:09.600 Clock Phase: 0 usec. max allowed=50000
2015-01-26 16:51:09.600 Boom positions:
2015-01-26 16:51:09.600 Ch1: -2 Ch2: -7 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-26 16:51:09.600 Analog Status
2015-01-26 16:51:09.600 Analog Positive Supply: 5.46V
2015-01-26 16:51:09.600 Input Voltage: 13.20V
2015-01-26 16:51:09.600 System Temperature: 5C
2015-01-26 16:51:09.600 Main Current: 61ma
2015-01-26 16:51:09.600 Antenna Current: 0ma
2015-01-26 16:51:09.600 GPS Status
2015-01-26 16:51:09.600 Time: 16:51:08
2015-01-26 16:51:09.600 Date:
2015-01-26 16:51:09.600 Fix Type: 1-D
2015-01-26 16:51:09.600 Height:
2015-01-26 16:51:09.600 Latitude:
2015-01-26 16:51:09.600 Longitude:
2015-01-26 16:51:09.600 On Time: 0min
2015-01-26 16:51:09.600 Sat. Used: 0
2015-01-26 16:51:09.600 In View: 0
2015-01-26 16:51:09.600 Checksum Errors: 0
2015-01-26 16:51:09.600 Last GPS timemark: 2015-01-26 16:51:07
2015-01-26 16:51:09.600 PLL Status
2015-01-26 16:51:09.600 State: Lock
2015-01-26 16:51:09.600 Initial VCO: 2201.492188
2015-01-26 16:51:09.600 Time Error: 0.000000
2015-01-26 16:51:09.600 RMS VCO: 0.0000000
2015-01-26 16:51:09.600 Best VCO: 2201.54
2015-01-26 16:51:09.600 Seconds Since Track or Lock: 0.0

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2015-01-26 16:51:09.600 Vco Control: 2202
2015-01-26 16:51:09.600 timing mode: external seascan
2015-01-26 16:51:09.600 tempco normal
2015-01-26 16:51:09.600 PLL update: 10s  PLL lock criterion: 5us
2015-01-26 16:51:09.600 Pfrac: 150.00
2015-01-26 16:51:09.600 VCO slope: -0.0175000
2015-01-26 16:51:09.600 VCO intercept: 7.1100001
2015-01-26 16:51:09.600 Km delta: 600.0000000
2015-01-26 16:51:09.600 Logical Port 4 Status
2015-01-26 16:51:09.600 Data Packets Sent: 29539445
2015-01-26 16:51:09.600 Flood Packets Sent: 0
2015-01-26 16:51:09.600 Packets Re-Sent: 46983
2015-01-26 16:51:09.600 Sequence Errors: 0
2015-01-26 16:51:09.600 Packet Buffer Used: 22907468
2015-01-26 16:51:09.600 Physical Port: Ethernet
2015-01-26 16:51:09.600 Baler Model: 14  Software Version: 2.28
2015-01-26 16:51:09.600 MAC Address: 00:04:FB:00:02:EA
2015-01-26 16:51:09.600 Disk Size: 20000669696
2015-01-26 16:51:09.600 Percent of 1177 data files in use: 56.2
2015-01-26 16:51:09.600 Channels Enabled: 1234  Preamps ON channels:
2015-01-26 16:51:09.600 Channel Sensitivities (uV per count):
2015-01-26 16:51:09.600 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-26 16:51:09.600 Digitizer Calibration Results:
2015-01-26 16:51:09.600 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2015-01-26 16:51:09.600 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2015-01-26 16:51:09.600 DMU1 Software Version=10
2015-01-26 16:51:09.600 Supply Voltage=12.7
2015-01-26 16:51:09.600 Supply Current=0.41
2015-01-26 16:51:09.600 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-26 16:51:09.600 WebLink Data Maps Restored
2015-01-26 16:51:09.600 [2015-01-26 04:50:11.999998] sequence resumes: 25497921 to
25497921
2015-01-26 16:51:09.600 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-26 16:51:08
2015-01-26 16:56:55.900 Reducing Status Polling Interval
2015-01-26 16:56:55.900 [2015-01-26 16:56:54.999998] total packets received: 54374
2015-01-26 16:56:55.900 [2015-01-26 16:56:54.999998] command timeouts: 6
2015-01-26 16:56:55.900 [2015-01-26 16:56:54.999998] out of window: 66
2015-01-26 16:56:55.900 written: HHZ-1228 HH1-1457 HH2-1411 BDH-447 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-26 16:56:55.900 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-31
VMZ-2 VM1-2
2015-01-26 16:56:55.900 written: VM2-2 LOG-2 ACE-1 OCF-1
2015-01-26 16:56:55.900 [2015-01-26 16:56:54.999998] Done: 4693 recs. seq end:
25541524. run: 342 s
2015-01-27 04:57:50.550
2015-01-27 04:57:50.550 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-27 04:57:50.550 Control Port 2491 Opened
2015-01-27 04:57:50.550 Baler ready on Ethernet
2015-01-27 04:57:50.550 Power Cycled Baler Acknowledged
2015-01-27 04:57:50.550 Commands Accepted by Q330
2015-01-27 04:57:50.550 Access timeout: 300 sec
2015-01-27 04:57:50.550 Control Port 4023 Opened
2015-01-27 04:57:50.550 Data Port 4024 Opened
2015-01-27 04:57:50.550 Registered with Q330
2015-01-27 04:57:50.550 Combination Record Received
2015-01-27 04:57:50.550 window=4  Min. Timeout=10  Max. Timeout=30
2015-01-27 04:57:50.550 Link Reset, starting window sequence: 33940
2015-01-27 04:57:50.550 GPS Receiver ID Received
2015-01-27 04:57:50.550 Manufacturer's Data Received, Property Tag=2017
2015-01-27 04:57:50.550 Digitizer Gain & Offsets Received
2015-01-27 04:57:50.550 Msg From 192.168.200.119:Baler XX-2017 readback. 4693 recs.
seq end: 25541524

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2015-01-27 04:57:50.550 Baler clock set to 2015-01-27 04:57:49
2015-01-27 04:57:50.550 Starting to Read DP Tokens
2015-01-27 04:57:50.550 DP Tokens loaded, size=1474 bytes
2015-01-27 04:57:50.550 Webserver advertising 192.168.200.119:5380
2015-01-27 04:57:50.550 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-27 04:57:50.550 filters & delay HH1:2@100,Linear all=0.320000
2015-01-27 04:57:50.550 filters & delay HH2:3@100,Linear all=0.320000
2015-01-27 04:57:50.550 filters & delay BDH:4@20,Linear all=1.650000
2015-01-27 04:57:50.550 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-27 04:57:50.550 filters & delay LH1:2@1,Linear all=15.000000
2015-01-27 04:57:50.550 filters & delay LH2:3@1,Linear all=15.000000
2015-01-27 04:57:50.550 filters & delay LDH:4@1,Linear all=15.000000
2015-01-27 04:57:50.550 [2015-01-26 16:56:54.999998] continuity found: 25541524
475606615.000000 Q=100
2015-01-27 04:57:50.550 Sending DT_OPEN
2015-01-27 04:57:50.550 Station: XX-2017
2015-01-27 04:57:50.550 Q330 Serial Number: 0100000DB18FC351
2015-01-27 04:57:50.550 AMB Serial Number: 0100000B6909DD82
2015-01-27 04:57:50.550 Seismo 1 Serial Number: 0000000000000000
2015-01-27 04:57:50.550 Seismo 2 Serial Number: 0000000000000000
2015-01-27 04:57:50.550 QAPCHP 1 Serial Number: 4643206
2015-01-27 04:57:50.550 QAPCHP 2 Serial Number: 3743050
2015-01-27 04:57:50.550 KMI Property Tag Number: 2017
2015-01-27 04:57:50.550 System Software Version: 1.146
2015-01-27 04:57:50.550 Slave Processor Version: 1.11
2015-01-27 04:57:50.550 Calibrator Type: QCAL330
2015-01-27 04:57:50.550 Calibrator Version: 1.8
2015-01-27 04:57:50.550 Auxiliary Board Type: None
2015-01-27 04:57:50.550 Clock Type: Motorola M12
2015-01-27 04:57:50.550 PLD Version: 7.9
2015-01-27 04:57:50.550 Total Hours: 72249.55
2015-01-27 04:57:50.550 Power On Hours: 36879.93
2015-01-27 04:57:50.550 Time of Last Boot: 2014-04-06 02:03:58
2015-01-27 04:57:50.550 Total Number of Boots: 120
2015-01-27 04:57:50.550 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-27 04:57:50.550 Total Number of Re-Syncs: 213
2015-01-27 04:57:50.550 Status Inputs: 00000000
2015-01-27 04:57:50.550 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-27 04:57:50.550 Clock Quality: 100%
2015-01-27 04:57:50.550 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-27 04:57:50.550 Clock Phase: 1 usec. max allowed=50000
2015-01-27 04:57:50.550 Boom positions:
2015-01-27 04:57:50.550 ch1: -2 ch2: -8 ch3: 8 ch4: 20 ch5: 20 ch6: 20
2015-01-27 04:57:50.550 Analog Status
2015-01-27 04:57:50.550 Analog Positive Supply: 5.46V
2015-01-27 04:57:50.550 Input Voltage: 13.20V
2015-01-27 04:57:50.550 System Temperature: 5C
2015-01-27 04:57:50.550 Main Current: 62ma
2015-01-27 04:57:50.550 Antenna Current: 0ma
2015-01-27 04:57:50.550 GPS Status
2015-01-27 04:57:50.550 Time: 04:57:48
2015-01-27 04:57:50.550 Date:
2015-01-27 04:57:50.550 Fix Type: 1-D
2015-01-27 04:57:50.550 Height:
2015-01-27 04:57:50.550 Latitude:
2015-01-27 04:57:50.550 Longitude:
2015-01-27 04:57:50.550 On Time: 0min
2015-01-27 04:57:50.550 Sat. Used: 0
2015-01-27 04:57:50.550 In View: 0
2015-01-27 04:57:50.550 Checksum Errors: 0
2015-01-27 04:57:50.550 Last GPS timemark: 2015-01-27 04:57:47
2015-01-27 04:57:50.550 PLL Status
2015-01-27 04:57:50.550 State: Lock

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2015-01-27 04:57:50.550 Initial VCO: 2201.075928
2015-01-27 04:57:50.550 Time Error: -0.000001
2015-01-27 04:57:50.550 RMS VCO: 0.0000000
2015-01-27 04:57:50.550 Best VCO: 2201.06
2015-01-27 04:57:50.550 Seconds Since Track or Lock: 0.0
2015-01-27 04:57:50.550 Vco Control: 2201
2015-01-27 04:57:50.550 timing mode: external seascan
2015-01-27 04:57:50.550 tempco normal
2015-01-27 04:57:50.550 PLL update: 10s  PLL lock criterion: 5us
2015-01-27 04:57:50.550 Pfrac: 150.00
2015-01-27 04:57:50.550 VCO slope: -0.0175000
2015-01-27 04:57:50.550 VCO intercept: 7.1100001
2015-01-27 04:57:50.550 km delta: 600.0000000
2015-01-27 04:57:50.550 Logical Port 4 Status
2015-01-27 04:57:50.550 Data Packets Sent: 29593722
2015-01-27 04:57:50.550 Flood Packets Sent: 0
2015-01-27 04:57:50.550 Packets Re-Sent: 47064
2015-01-27 04:57:50.550 Sequence Errors: 0
2015-01-27 04:57:50.550 Packet Buffer Used: 22833484
2015-01-27 04:57:50.550 Physical Port: Ethernet
2015-01-27 04:57:50.550 Baler Model: 14  Software Version: 2.28
2015-01-27 04:57:50.550 MAC Address: 00:04:FB:00:02:EA
2015-01-27 04:57:50.550 Disk Size: 20000669696
2015-01-27 04:57:50.550 Percent of 1177 data files in use: 56.2
2015-01-27 04:57:50.550 Channels Enabled: 1234  Preamps ON channels:
2015-01-27 04:57:50.550 Channel Sensitivities (uV per count):
2015-01-27 04:57:50.550 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-27 04:57:50.550 Digitizer Calibration Results:
2015-01-27 04:57:50.550 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2015-01-27 04:57:50.550 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2015-01-27 04:57:50.550 DMU1 Software Version=10
2015-01-27 04:57:50.550 Supply Voltage=12.6
2015-01-27 04:57:50.550 Supply Current=0.41
2015-01-27 04:57:50.550 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-27 04:57:50.550 webLink Data Maps Restored
2015-01-27 04:57:50.550 [2015-01-26 16:56:54.999998] sequence resumes: 25541524 to
25541524
2015-01-27 04:57:50.550 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-27 04:57:49
2015-01-27 05:01:12.020 [2015-01-27 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-27 05:03:38.120 Reducing Status Polling Interval
2015-01-27 05:03:38.120 [2015-01-27 05:03:36.999998] total packets received: 53874
2015-01-27 05:03:38.120 [2015-01-27 05:03:36.999998] command timeouts: 6
2015-01-27 05:03:38.120 [2015-01-27 05:03:36.999998] out of window: 70
2015-01-27 05:03:38.120 written: HHZ-1187 HH1-1459 HH2-1434 BDH-452 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2015-01-27 05:03:38.120 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-26 LH2-27 LDH-34
VMZ-1 VM1-1
2015-01-27 05:03:38.120 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-01-27 05:03:38.120 [2015-01-27 05:03:36.999998] Done: 4682 recs. seq end:
25585126. run: 343 s
2015-01-27 17:04:31.620
2015-01-27 17:04:31.620 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-27 17:04:31.620 Control Port 2491 Opened
2015-01-27 17:04:31.620 Baler ready on Ethernet
2015-01-27 17:04:31.620 Power Cycled Baler Acknowledged
2015-01-27 17:04:31.620 Commands Accepted by Q330
2015-01-27 17:04:31.620 Access timeout: 300 sec
2015-01-27 17:04:31.620 Control Port 4023 Opened
2015-01-27 17:04:31.620 Data Port 4024 Opened
2015-01-27 17:04:31.620 Registered with Q330
2015-01-27 17:04:31.620 Combination Record Received

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2015-01-27 17:04:31.620 window=4   Min. Timeout=10   Max. Timeout=30
2015-01-27 17:04:31.620 Link Reset, starting window sequence: 22171
2015-01-27 17:04:31.620 GPS Receiver ID Received
2015-01-27 17:04:31.620 Manufacturer's Data Received, Property Tag=2017
2015-01-27 17:04:31.620 Digitizer Gain & Offsets Received
2015-01-27 17:04:31.620 Msg From 192.168.200.119:Baler XX-2017 readback. 4682 recs.
seq end: 25585126
2015-01-27 17:04:31.620 Baler clock set to 2015-01-27 17:04:30
2015-01-27 17:04:31.620 Starting to Read DP Tokens
2015-01-27 17:04:31.620 DP Tokens loaded, size=1474 bytes
2015-01-27 17:04:31.620 webserver advertising 192.168.200.119:5380
2015-01-27 17:04:31.620 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-27 17:04:31.620 filters & delay HH1:2@100,Linear all=0.320000
2015-01-27 17:04:31.620 filters & delay HH2:3@100,Linear all=0.320000
2015-01-27 17:04:31.620 filters & delay BDH:4@20,Linear all=1.650000
2015-01-27 17:04:31.620 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-27 17:04:31.620 filters & delay LH1:2@1,Linear all=15.000000
2015-01-27 17:04:31.620 filters & delay LH2:3@1,Linear all=15.000000
2015-01-27 17:04:31.620 filters & delay LDH:4@1,Linear all=15.000000
2015-01-27 17:04:31.620 [2015-01-27 05:03:36.999998] continuity found: 25585126
475650217.000000 Q=100
2015-01-27 17:04:31.620 [2015-01-27 05:03:36.999998] restoring continuity
2015-01-27 17:04:31.620 Sending DT_OPEN
2015-01-27 17:04:31.620 Station: XX-2017
2015-01-27 17:04:31.620 Q330 Serial Number: 0100000DB18FC351
2015-01-27 17:04:31.620 AMB Serial Number: 0100000B6909DD82
2015-01-27 17:04:31.620 Seismo 1 Serial Number: 0000000000000000
2015-01-27 17:04:31.620 Seismo 2 Serial Number: 0000000000000000
2015-01-27 17:04:31.620 QAPCHP 1 Serial Number: 4643206
2015-01-27 17:04:31.620 QAPCHP 2 Serial Number: 3743050
2015-01-27 17:04:31.620 KMI Property Tag Number: 2017
2015-01-27 17:04:31.620 System Software Version: 1.146
2015-01-27 17:04:31.620 Slave Processor Version: 1.11
2015-01-27 17:04:31.620 Calibrator Type: QCAL330
2015-01-27 17:04:31.620 Calibrator Version: 1.8
2015-01-27 17:04:31.620 Auxiliary Board Type: None
2015-01-27 17:04:31.620 Clock Type: Motorola M12
2015-01-27 17:04:31.620 PLD Version: 7.9
2015-01-27 17:04:31.620 Total Hours: 72261.66
2015-01-27 17:04:31.620 Power On Hours: 36892.04
2015-01-27 17:04:31.620 Time of Last Boot: 2014-04-06 02:03:58
2015-01-27 17:04:31.620 Total Number of Boots: 120
2015-01-27 17:04:31.620 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-27 17:04:31.620 Total Number of Re-Syncs: 213
2015-01-27 17:04:31.620 Status Inputs: 00000000
2015-01-27 17:04:31.620 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2015-01-27 17:04:31.620 Clock Quality: 100%
2015-01-27 17:04:31.620 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-27 17:04:31.620 Clock Phase: 0 usec. max allowed=50000
2015-01-27 17:04:31.620 Boom positions:
2015-01-27 17:04:31.620 Ch1: -2 Ch2: -8 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20
2015-01-27 17:04:31.620 Analog Status
2015-01-27 17:04:31.620 Analog Positive Supply: 5.46V
2015-01-27 17:04:31.620 Input Voltage: 13.35V
2015-01-27 17:04:31.620 System Temperature: 5C
2015-01-27 17:04:31.620 Main Current: 61ma
2015-01-27 17:04:31.620 Antenna Current: 0ma
2015-01-27 17:04:31.620 GPS Status
2015-01-27 17:04:31.620 Time: 17:04:30
2015-01-27 17:04:31.620 Date:
2015-01-27 17:04:31.620 Fix Type: 1-D
2015-01-27 17:04:31.620 Height:
2015-01-27 17:04:31.620 Latitude:

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2015-01-27 17:04:31.620 Longitude:
2015-01-27 17:04:31.620 On Time: 0min
2015-01-27 17:04:31.620 Sat. Used: 0
2015-01-27 17:04:31.620 In View: 0
2015-01-27 17:04:31.620 Checksum Errors: 0
2015-01-27 17:04:31.620 Last GPS timemark: 2015-01-27 17:04:29
2015-01-27 17:04:31.620 PLL Status
2015-01-27 17:04:31.620 State: Lock
2015-01-27 17:04:31.620 Initial VCO: 2201.758545
2015-01-27 17:04:31.620 Time Error: 0.000000
2015-01-27 17:04:31.620 RMS VCO: 0.0000000
2015-01-27 17:04:31.620 Best VCO: 2201.83
2015-01-27 17:04:31.620 Seconds Since Track or Lock: 0.0
2015-01-27 17:04:31.620 Vco Control: 2202
2015-01-27 17:04:31.620 timing mode: external seascan
2015-01-27 17:04:31.620 tempco normal
2015-01-27 17:04:31.620 PLL update: 10s PLL lock criterion: 5us
2015-01-27 17:04:31.620 Pfrac: 150.00
2015-01-27 17:04:31.620 VCO slope: -0.0175000
2015-01-27 17:04:31.620 VCO intercept: 7.1100001
2015-01-27 17:04:31.620 km delta: 600.0000000
2015-01-27 17:04:31.620 Logical Port 4 Status
2015-01-27 17:04:31.620 Data Packets Sent: 29647495
2015-01-27 17:04:31.620 Flood Packets Sent: 0
2015-01-27 17:04:31.620 Packets Re-Sent: 47150
2015-01-27 17:04:31.620 Sequence Errors: 0
2015-01-27 17:04:31.620 Packet Buffer Used: 23936152
2015-01-27 17:04:31.620 Physical Port: Ethernet
2015-01-27 17:04:31.620 Baler Model: 14 Software Version: 2.28
2015-01-27 17:04:31.620 MAC Address: 00:04:FB:00:02:EA
2015-01-27 17:04:31.620 Disk Size: 20000669696
2015-01-27 17:04:31.620 Percent of 1177 data files in use: 56.3
2015-01-27 17:04:31.620 Channels Enabled: 1234 Preamps ON channels:
2015-01-27 17:04:31.620 Channel sensitivities (uV per count):
2015-01-27 17:04:31.620 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-27 17:04:31.620 Digitizer Calibration Results:
2015-01-27 17:04:31.620 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-27 17:04:31.620 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-27 17:04:31.620 DMU1 Software Version=10
2015-01-27 17:04:31.620 Supply Voltage=12.7
2015-01-27 17:04:31.620 Supply Current=0.41
2015-01-27 17:04:31.620 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-27 17:04:31.620 webLink Data Maps Restored
2015-01-27 17:04:31.620 [2015-01-27 05:03:36.999998] sequence resumes: 25585126 to
25585126
2015-01-27 17:10:38.410 Reducing Status Polling Interval
2015-01-27 17:10:38.410 [2015-01-27 17:10:38.000000] total packets received: 69462
2015-01-27 17:10:38.410 [2015-01-27 17:10:38.000000] command timeouts: 6
2015-01-27 17:10:38.410 [2015-01-27 17:10:38.000000] out of window: 62
2015-01-27 17:10:38.410 written: HHZ-1300 HH1-1519 HH2-1504 BDH-459 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-27 17:10:38.410 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-27 LH1-35 LH2-36 LDH-44
VMZ-2 VM1-2
2015-01-27 17:10:38.410 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-27 17:10:38.410 [2015-01-27 17:10:38.000000] Done: 4971 recs. seq end:
25628747. run: 364 s
2015-01-28 05:11:33.610
2015-01-28 05:11:33.610 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-28 05:11:33.610 Control Port 2491 Opened
2015-01-28 05:11:33.610 Baler ready on Ethernet
2015-01-28 05:11:33.610 Power Cycled Baler Acknowledged
2015-01-28 05:11:33.610 Commands Accepted by Q330
2015-01-28 05:11:33.610 Access timeout: 300 sec

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2015-01-28 05:11:33.610 Control Port 4023 Opened  
 2015-01-28 05:11:33.610 Data Port 4024 Opened  
 2015-01-28 05:11:33.610 Registered with Q330  
 2015-01-28 05:11:33.610 Combination Record Received  
 2015-01-28 05:11:33.610 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-28 05:11:33.610 Link Reset, starting window sequence: 25997  
 2015-01-28 05:11:33.610 GPS Receiver ID Received  
 2015-01-28 05:11:33.610 Manufacturer's Data Received, Property Tag=2017  
 2015-01-28 05:11:33.610 Digitizer Gain & Offsets Received  
 2015-01-28 05:11:33.610 Msg From 192.168.200.119: Baler XX-2017 readback. 4971 recs.  
 seq end: 25628747  
 2015-01-28 05:11:33.610 Baler clock set to 2015-01-28 05:11:32  
 2015-01-28 05:11:33.610 Starting to Read DP Tokens  
 2015-01-28 05:11:33.610 DP Tokens loaded, size=1474 bytes  
 2015-01-28 05:11:33.610 Webserver advertising 192.168.200.119:5380  
 2015-01-28 05:11:33.610 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-01-28 05:11:33.610 filters & delay HH1:2@100,Linear all=0.320000  
 2015-01-28 05:11:33.610 filters & delay HH2:3@100,Linear all=0.320000  
 2015-01-28 05:11:33.610 filters & delay BDH:4@20,Linear all=1.650000  
 2015-01-28 05:11:33.610 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-01-28 05:11:33.610 filters & delay LH1:2@1,Linear all=15.000000  
 2015-01-28 05:11:33.610 filters & delay LH2:3@1,Linear all=15.000000  
 2015-01-28 05:11:33.610 filters & delay LDH:4@1,Linear all=15.000000  
 2015-01-28 05:11:33.610 [2015-01-27 17:10:38.000000] continuity found: 25628747  
 475693838.000000 Q=100  
 2015-01-28 05:11:33.610 [2015-01-27 17:10:38.000000] restoring continuity  
 2015-01-28 05:11:33.610 Sending DT\_OPEN  
 2015-01-28 05:11:33.610 Station: XX-2017  
 2015-01-28 05:11:33.610 Q330 Serial Number: 0100000DB18FC351  
 2015-01-28 05:11:33.610 AMB Serial Number: 0100000B6909DD82  
 2015-01-28 05:11:33.610 Seismo 1 Serial Number: 0000000000000000  
 2015-01-28 05:11:33.610 Seismo 2 Serial Number: 0000000000000000  
 2015-01-28 05:11:33.610 QAPCHP 1 Serial Number: 4643206  
 2015-01-28 05:11:33.610 QAPCHP 2 Serial Number: 3743050  
 2015-01-28 05:11:33.610 KMI Property Tag Number: 2017  
 2015-01-28 05:11:33.610 System Software Version: 1.146  
 2015-01-28 05:11:33.610 Slave Processor Version: 1.11  
 2015-01-28 05:11:33.610 Calibrator Type: QCAL330  
 2015-01-28 05:11:33.610 Calibrator Version: 1.8  
 2015-01-28 05:11:33.610 Auxiliary Board Type: None  
 2015-01-28 05:11:33.610 Clock Type: Motorola M12  
 2015-01-28 05:11:33.610 PLD Version: 7.9  
 2015-01-28 05:11:33.610 Total Hours: 72273.78  
 2015-01-28 05:11:33.610 Power On Hours: 36904.16  
 2015-01-28 05:11:33.610 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-28 05:11:33.610 Total Number of Boots: 120  
 2015-01-28 05:11:33.610 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-28 05:11:33.610 Total Number of Re-Syncs: 213  
 2015-01-28 05:11:33.610 Status Inputs: 00000000  
 2015-01-28 05:11:33.610 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-28 05:11:33.610 Clock Quality: 100%  
 2015-01-28 05:11:33.610 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-28 05:11:33.610 Clock Phase: 0 usec. max allowed=50000  
 2015-01-28 05:11:33.610 Boom positions:  
 2015-01-28 05:11:33.610 Ch1: -2 Ch2: -8 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-01-28 05:11:33.610 Analog Status  
 2015-01-28 05:11:33.610 Analog Positive Supply: 5.46V  
 2015-01-28 05:11:33.610 Input Voltage: 13.35V  
 2015-01-28 05:11:33.610 System Temperature: 5C  
 2015-01-28 05:11:33.610 Main Current: 62ma  
 2015-01-28 05:11:33.610 Antenna Current: 0ma  
 2015-01-28 05:11:33.610 GPS Status  
 2015-01-28 05:11:33.610 Time: 05:11:32

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2015-01-28 05:11:33.610 Date:
2015-01-28 05:11:33.610 Fix Type: 1-D
2015-01-28 05:11:33.610 Height:
2015-01-28 05:11:33.610 Latitude:
2015-01-28 05:11:33.610 Longitude:
2015-01-28 05:11:33.610 On Time: 0min
2015-01-28 05:11:33.610 Sat. Used: 0
2015-01-28 05:11:33.610 In View: 0
2015-01-28 05:11:33.610 Checksum Errors: 0
2015-01-28 05:11:33.610 Last GPS timemark: 2015-01-28 05:11:31
2015-01-28 05:11:33.610 PLL Status
2015-01-28 05:11:33.610 State: Lock
2015-01-28 05:11:33.610 Initial VCO: 2201.643555
2015-01-28 05:11:33.610 Time Error: 0.000000
2015-01-28 05:11:33.610 RMS VCO: 0.0000000
2015-01-28 05:11:33.610 Best VCO: 2201.67
2015-01-28 05:11:33.610 Seconds Since Track or Lock: 0.0
2015-01-28 05:11:33.610 Vco Control: 2202
2015-01-28 05:11:33.610 timing mode: external seascan
2015-01-28 05:11:33.610 tempco normal
2015-01-28 05:11:33.610 PLL update: 10s PLL lock criterion: 5us
2015-01-28 05:11:33.610 Pfrac: 150.00
2015-01-28 05:11:33.610 VCO slope: -0.0175000
2015-01-28 05:11:33.610 VCO intercept: 7.1100001
2015-01-28 05:11:33.610 Km delta: 600.0000000
2015-01-28 05:11:33.610 Logical Port 4 Status
2015-01-28 05:11:33.610 Data Packets Sent: 29716863
2015-01-28 05:11:33.610 Flood Packets Sent: 0
2015-01-28 05:11:33.610 Packets Re-Sent: 47230
2015-01-28 05:11:33.610 Sequence Errors: 0
2015-01-28 05:11:33.610 Packet Buffer Used: 24372876
2015-01-28 05:11:33.610 Physical Port: Ethernet
2015-01-28 05:11:33.610 Baler Model: 14 Software Version: 2.28
2015-01-28 05:11:33.610 MAC Address: 00:04:FB:00:02:EA
2015-01-28 05:11:33.610 Disk Size: 20000669696
2015-01-28 05:11:33.610 Percent of 1177 data files in use: 56.4
2015-01-28 05:11:33.610 Channels Enabled: 1234 Preamps ON channels:
2015-01-28 05:11:33.610 Channel Sensitivities (uV per count):
2015-01-28 05:11:33.610 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-28 05:11:33.610 Digitizer Calibration Results:
2015-01-28 05:11:33.610 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-28 05:11:33.610 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-28 05:11:33.610 DMU1 Software Version=10
2015-01-28 05:11:33.610 Supply Voltage=12.7
2015-01-28 05:11:33.610 Supply Current=0.40
2015-01-28 05:11:33.610 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-28 05:11:33.610 WebLink Data Maps Restored
2015-01-28 05:11:33.610 [2015-01-27 17:10:38.000000] sequence resumes: 25628747 to
25628747
2015-01-28 05:11:33.610 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-28 05:11:32
2015-01-28 05:15:09.250 [2015-01-28 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-28 05:17:40.840 [2015-01-28 05:09:42.000000] total packets received: 72072
2015-01-28 05:17:40.840 [2015-01-28 05:09:42.000000] command timeouts: 6
2015-01-28 05:17:40.840 [2015-01-28 05:09:42.000000] out of window: 59
2015-01-28 05:17:40.840 written: HHZ-1307 HH1-1528 HH2-1546 BDH-455 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-28 05:17:40.840 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-26 LH1-36 LH2-36 LDH-44
VMZ-2 VM1-2
2015-01-28 05:17:40.840 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-01-28 05:17:40.840 [2015-01-28 05:09:42.000000] Done: 5027 recs. seq end:
25671891. run: 365 s

```

S01\_messages.txt

```

2015-01-28 17:18:36.590
2015-01-28 17:18:36.590 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-28 17:18:36.590 Control Port 2491 Opened
2015-01-28 17:18:36.590 Baler ready on Ethernet
2015-01-28 17:18:36.590 Power Cycled Baler Acknowledged
2015-01-28 17:18:36.590 Commands Accepted by Q330
2015-01-28 17:18:36.590 Access timeout: 300 sec
2015-01-28 17:18:36.590 Control Port 4023 Opened
2015-01-28 17:18:36.590 Data Port 4024 Opened
2015-01-28 17:18:36.590 Registered with Q330
2015-01-28 17:18:36.590 Combination Record Received
2015-01-28 17:18:36.590 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-28 17:18:36.590 Link Reset, starting window sequence: 32437
2015-01-28 17:18:36.590 GPS Receiver ID Received
2015-01-28 17:18:36.590 Manufacturer's Data Received, Property Tag=2017
2015-01-28 17:18:36.590 Digitizer Gain & Offsets Received
2015-01-28 17:18:36.590 Msg From 192.168.200.119:Baler XX-2017 readback. 5027 recs.
seq end: 25671891
2015-01-28 17:18:36.590 Baler clock set to 2015-01-28 17:18:35
2015-01-28 17:18:36.590 Starting to Read DP Tokens
2015-01-28 17:18:36.590 DP Tokens loaded, size=1474 bytes
2015-01-28 17:18:36.590 webserver advertising 192.168.200.119:5380
2015-01-28 17:18:36.590 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-28 17:18:36.590 filters & delay HH1:2@100,Linear all=0.320000
2015-01-28 17:18:36.590 filters & delay HH2:3@100,Linear all=0.320000
2015-01-28 17:18:36.590 filters & delay BDH:4@20,Linear all=1.650000
2015-01-28 17:18:36.590 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-28 17:18:36.590 filters & delay LH1:2@1,Linear all=15.000000
2015-01-28 17:18:36.590 filters & delay LH2:3@1,Linear all=15.000000
2015-01-28 17:18:36.590 filters & delay LDH:4@1,Linear all=15.000000
2015-01-28 17:18:36.590 [2015-01-28 05:09:42.000000] continuity found: 25671891
475736982.000000 Q=100
2015-01-28 17:18:36.590 [2015-01-28 05:09:42.000000] restoring continuity
2015-01-28 17:18:36.590 Sending DT_OPEN
2015-01-28 17:18:36.590 Station: XX-2017
2015-01-28 17:18:36.590 Q330 Serial Number: 0100000DB18FC351
2015-01-28 17:18:36.590 AMB Serial Number: 0100000B6909DD82
2015-01-28 17:18:36.590 Seismo 1 Serial Number: 0000000000000000
2015-01-28 17:18:36.590 Seismo 2 Serial Number: 0000000000000000
2015-01-28 17:18:36.590 QAPCHP 1 Serial Number: 4643206
2015-01-28 17:18:36.590 QAPCHP 2 Serial Number: 3743050
2015-01-28 17:18:36.590 KMI Property Tag Number: 2017
2015-01-28 17:18:36.590 System Software Version: 1.146
2015-01-28 17:18:36.590 Slave Processor Version: 1.11
2015-01-28 17:18:36.590 Calibrator Type: QCAL330
2015-01-28 17:18:36.590 Calibrator Version: 1.8
2015-01-28 17:18:36.590 Auxiliary Board Type: None
2015-01-28 17:18:36.590 Clock Type: Motorola M12
2015-01-28 17:18:36.590 PLD Version: 7.9
2015-01-28 17:18:36.590 Total Hours: 72285.89
2015-01-28 17:18:36.590 Power On Hours: 36916.28
2015-01-28 17:18:36.590 Time of Last Boot: 2014-04-06 02:03:58
2015-01-28 17:18:36.590 Total Number of Boots: 120
2015-01-28 17:18:36.590 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-28 17:18:36.590 Total Number of Re-Syncs: 213
2015-01-28 17:18:36.590 Status Inputs: 00000000
2015-01-28 17:18:36.590 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-28 17:18:36.590 Clock Quality: 100%
2015-01-28 17:18:36.590 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-28 17:18:36.590 Clock Phase: 0 usec. max allowed=50000
2015-01-28 17:18:36.590 Boom positions:
2015-01-28 17:18:36.590 ch1: -2 ch2: -8 ch3: 8 ch4: 20 ch5: 20 ch6: 20
2015-01-28 17:18:36.590 Analog Status

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2015-01-28 17:18:36.590 Analog Positive Supply: 5.46V
2015-01-28 17:18:36.590 Input Voltage: 13.20V
2015-01-28 17:18:36.590 System Temperature: 5C
2015-01-28 17:18:36.590 Main Current: 63ma
2015-01-28 17:18:36.590 GPS Status
2015-01-28 17:18:36.590 Time: 17:18:35
2015-01-28 17:18:36.590 Date:
2015-01-28 17:18:36.590 Fix Type: 1-D
2015-01-28 17:18:36.590 Height:
2015-01-28 17:18:36.590 Latitude:
2015-01-28 17:18:36.590 Longitude:
2015-01-28 17:18:36.590 On Time: 0min
2015-01-28 17:18:36.590 Sat. Used: 0
2015-01-28 17:18:36.590 In View: 0
2015-01-28 17:18:36.590 Checksum Errors: 0
2015-01-28 17:18:36.590 Last GPS timemark: 2015-01-28 17:18:34
2015-01-28 17:18:36.590 PLL Status
2015-01-28 17:18:36.590 State: Lock
2015-01-28 17:18:36.590 Initial VCO: 2201.768555
2015-01-28 17:18:36.590 Time Error: 0.000002
2015-01-28 17:18:36.590 RMS VCO: 0.0000000
2015-01-28 17:18:36.590 Best VCO: 2201.51
2015-01-28 17:18:36.590 Seconds Since Track or Lock: 0.0
2015-01-28 17:18:36.590 Vco Control: 2201
2015-01-28 17:18:36.590 timing mode: external seascan
2015-01-28 17:18:36.590 tempco normal
2015-01-28 17:18:36.590 PLL update: 10s PLL lock criterion: 5us
2015-01-28 17:18:36.590 Pfrac: 150.00
2015-01-28 17:18:36.590 VCO slope: -0.0175000
2015-01-28 17:18:36.590 VCO intercept: 7.1100001
2015-01-28 17:18:36.590 Km delta: 600.0000000
2015-01-28 17:18:36.590 Logical Port 4 Status
2015-01-28 17:18:36.590 Data Packets Sent: 29788844
2015-01-28 17:18:36.590 Flood Packets Sent: 0
2015-01-28 17:18:36.590 Packets Re-Sent: 47306
2015-01-28 17:18:36.590 Sequence Errors: 0
2015-01-28 17:18:36.590 Packet Buffer Used: 23271836
2015-01-28 17:18:36.590 Physical Port: Ethernet
2015-01-28 17:18:36.590 Baler Model: 14 Software Version: 2.28
2015-01-28 17:18:36.590 MAC Address: 00:04:FB:00:02:EA
2015-01-28 17:18:36.590 Disk Size: 20000669696
2015-01-28 17:18:36.590 Percent of 1177 data files in use: 56.5
2015-01-28 17:18:36.590 Channels Enabled: 1234 Preamps ON channels:
2015-01-28 17:18:36.590 Channel Sensitivities (uV per count):
2015-01-28 17:18:36.590 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-28 17:18:36.590 Digitizer Calibration Results:
2015-01-28 17:18:36.590 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-28 17:18:36.590 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-28 17:18:36.590 DMU1 Software Version=10
2015-01-28 17:18:36.590 Supply Voltage=12.7
2015-01-28 17:18:36.590 Supply Current=0.41
2015-01-28 17:18:36.590 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-28 17:18:36.590 WebLink Data Maps Restored
2015-01-28 17:18:36.590 [2015-01-28 05:09:42.000000] sequence resumes: 25671891 to
25671891
2015-01-28 17:18:36.590 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-28 17:18:35
2015-01-28 17:24:33.830 Reducing Status Polling Interval
2015-01-28 17:24:33.830 [2015-01-28 17:24:32.999998] total packets received: 55966
2015-01-28 17:24:33.830 [2015-01-28 17:24:32.999998] command timeouts: 6
2015-01-28 17:24:33.830 [2015-01-28 17:24:32.999998] out of window: 73
2015-01-28 17:24:33.830 written: HHZ-1242 HH1-1436 HH2-1482 BDH-462 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1

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2015-01-28 17:24:33.830 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-31 LH2-32 LDH-43
VMZ-1 VM1-1
2015-01-28 17:24:33.830 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-28 17:24:33.830 [2015-01-28 17:24:32.999998] Done: 4790 recs. seq end:
25715982. run: 352 s
2015-01-29 05:25:28.590
2015-01-29 05:25:28.590 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-29 05:25:28.590 Control Port 2491 Opened
2015-01-29 05:25:28.590 Baler ready on Ethernet
2015-01-29 05:25:28.590 Power Cycled Baler Acknowledged
2015-01-29 05:25:28.590 Commands Accepted by Q330
2015-01-29 05:25:28.590 Access timeout: 300 sec
2015-01-29 05:25:28.590 Control Port 4023 Opened
2015-01-29 05:25:28.590 Data Port 4024 Opened
2015-01-29 05:25:28.590 Registered with Q330
2015-01-29 05:25:28.590 Combination Record Received
2015-01-29 05:25:28.590 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-29 05:25:28.590 Link Reset, starting window sequence: 22756
2015-01-29 05:25:28.590 GPS Receiver ID Received
2015-01-29 05:25:28.590 Manufacturer's Data Received, Property Tag=2017
2015-01-29 05:25:28.590 Digitizer Gain & Offsets Received
2015-01-29 05:25:28.590 Msg From 192.168.200.119:Baler XX-2017 readback. 4790 recs.
seq end: 25715982
2015-01-29 05:25:28.590 Baler clock set to 2015-01-29 05:25:27
2015-01-29 05:25:28.590 Starting to Read DP Tokens
2015-01-29 05:25:28.590 DP Tokens loaded, size=1474 bytes
2015-01-29 05:25:28.590 Webserver advertising 192.168.200.119:5380
2015-01-29 05:25:28.590 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-29 05:25:28.590 filters & delay HH1:2@100,Linear all=0.320000
2015-01-29 05:25:28.590 filters & delay HH2:3@100,Linear all=0.320000
2015-01-29 05:25:28.590 filters & delay BDH:4@20,Linear all=1.650000
2015-01-29 05:25:28.590 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-29 05:25:28.590 filters & delay LH1:2@1,Linear all=15.000000
2015-01-29 05:25:28.590 filters & delay LH2:3@1,Linear all=15.000000
2015-01-29 05:25:28.590 filters & delay LDH:4@1,Linear all=15.000000
2015-01-29 05:25:28.590 [2015-01-28 17:24:32.999998] continuity found: 25715982
475781073.000000 Q=100
2015-01-29 05:25:28.590 [2015-01-28 17:24:32.999998] restoring continuity
2015-01-29 05:25:28.590 Sending DT_OPEN
2015-01-29 05:25:28.590 Station: XX-2017
2015-01-29 05:25:28.590 Q330 Serial Number: 0100000DB18FC351
2015-01-29 05:25:28.590 AMB Serial Number: 0100000B6909DD82
2015-01-29 05:25:28.590 Seismo 1 Serial Number: 0000000000000000
2015-01-29 05:25:28.590 Seismo 2 Serial Number: 0000000000000000
2015-01-29 05:25:28.590 QAPCHP 1 Serial Number: 4643206
2015-01-29 05:25:28.590 QAPCHP 2 Serial Number: 3743050
2015-01-29 05:25:28.590 KMI Property Tag Number: 2017
2015-01-29 05:25:28.590 System Software Version: 1.146
2015-01-29 05:25:28.590 Slave Processor Version: 1.11
2015-01-29 05:25:28.590 Calibrator Type: QCAL330
2015-01-29 05:25:28.590 Calibrator Version: 1.8
2015-01-29 05:25:28.590 Auxiliary Board Type: None
2015-01-29 05:25:28.590 Clock Type: Motorola M12
2015-01-29 05:25:28.590 PLD Version: 7.9
2015-01-29 05:25:28.590 Total Hours: 72298.01
2015-01-29 05:25:28.590 Power On Hours: 36928.39
2015-01-29 05:25:28.590 Time of Last Boot: 2014-04-06 02:03:58
2015-01-29 05:25:28.590 Total Number of Boots: 120
2015-01-29 05:25:28.590 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-29 05:25:28.590 Total Number of Re-Syncs: 213
2015-01-29 05:25:28.590 Status Inputs: 00000000
2015-01-29 05:25:28.590 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-29 05:25:28.590 Clock Quality: 100%

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2015-01-29 05:25:28.590 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-29 05:25:28.590 Clock Phase: 0 usec. max allowed=50000
2015-01-29 05:25:28.590 Boom positions:
2015-01-29 05:25:28.590 ch1: -2 ch2: -8 ch3: 8 ch4: 20 ch5: 20 ch6: 20
2015-01-29 05:25:28.590 Analog Status
2015-01-29 05:25:28.590 Analog Positive Supply: 5.44V
2015-01-29 05:25:28.590 Input Voltage: 13.20V
2015-01-29 05:25:28.590 System Temperature: 5C
2015-01-29 05:25:28.590 Main Current: 63ma
2015-01-29 05:25:28.590 Antenna Current: 0ma
2015-01-29 05:25:28.590 GPS Status
2015-01-29 05:25:28.590 Time: 05:25:27
2015-01-29 05:25:28.590 Date:
2015-01-29 05:25:28.590 Fix Type: 1-D
2015-01-29 05:25:28.590 Height:
2015-01-29 05:25:28.590 Latitude:
2015-01-29 05:25:28.590 Longitude:
2015-01-29 05:25:28.590 On Time: 0min
2015-01-29 05:25:28.590 Sat. Used: 0
2015-01-29 05:25:28.590 In View: 0
2015-01-29 05:25:28.590 Checksum Errors: 0
2015-01-29 05:25:28.590 Last GPS timemark: 2015-01-29 05:25:26
2015-01-29 05:25:28.590 PLL Status
2015-01-29 05:25:28.590 State: Lock
2015-01-29 05:25:28.590 Initial VCO: 2202.114258
2015-01-29 05:25:28.590 Time Error: 0.000000
2015-01-29 05:25:28.590 RMS VCO: 0.0000000
2015-01-29 05:25:28.590 Best VCO: 2201.99
2015-01-29 05:25:28.590 Seconds Since Track or Lock: 0.0
2015-01-29 05:25:28.590 Vco Control: 2202
2015-01-29 05:25:28.590 timing mode: external seascan
2015-01-29 05:25:28.590 tempco normal
2015-01-29 05:25:28.590 PLL update: 10s PLL lock criterion: 5us
2015-01-29 05:25:28.590 Pfrac: 150.00
2015-01-29 05:25:28.590 VCO slope: -0.0175000
2015-01-29 05:25:28.590 VCO intercept: 7.1100001
2015-01-29 05:25:28.590 Km delta: 600.0000000
2015-01-29 05:25:28.590 Logical Port 4 Status
2015-01-29 05:25:28.590 Data Packets Sent: 29844705
2015-01-29 05:25:28.590 Flood Packets Sent: 0
2015-01-29 05:25:28.590 Packets Re-Sent: 47396
2015-01-29 05:25:28.590 Sequence Errors: 0
2015-01-29 05:25:28.590 Packet Buffer Used: 22468184
2015-01-29 05:25:28.590 Physical Port: Ethernet
2015-01-29 05:25:28.590 Baler Model: 14 Software Version: 2.28
2015-01-29 05:25:28.590 MAC Address: 00:04:FB:00:02:EA
2015-01-29 05:25:28.590 Disk Size: 20000669696
2015-01-29 05:25:28.590 Percent of 1177 data files in use: 56.8
2015-01-29 05:25:28.590 Channels Enabled: 1234 Preamps ON channels:
2015-01-29 05:25:28.590 Channel Sensitivities (uV per count):
2015-01-29 05:25:28.590 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-29 05:25:28.590 Digitizer Calibration Results:
2015-01-29 05:25:28.590 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-29 05:25:28.590 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-29 05:25:28.590 DMU1 Software Version=10
2015-01-29 05:25:28.590 Supply Voltage=12.7
2015-01-29 05:25:28.590 Supply Current=0.41
2015-01-29 05:25:28.590 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-29 05:25:28.590 webLink Data Maps Restored
2015-01-29 05:25:28.590 [2015-01-28 17:24:32.999998] sequence resumes: 25715982 to
25715982
2015-01-29 05:25:28.590 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-01-29 05:25:27

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S01\_messages.txt

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2015-01-29 05:28:36.320 [2015-01-29 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-29 05:31:08.520 Reducing Status Polling Interval
2015-01-29 05:31:08.520 [2015-01-29 05:31:08.000000] total packets received: 48347
2015-01-29 05:31:08.520 [2015-01-29 05:31:08.000000] command timeouts: 6
2015-01-29 05:31:08.520 [2015-01-29 05:31:08.000000] out of window: 70
2015-01-29 05:31:08.520 written: HHZ-1182 HH1-1408 HH2-1398 BDH-453 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-01-29 05:31:08.520 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-26 LDH-36
VMZ-2 VM1-2
2015-01-29 05:31:08.520 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-01-29 05:31:08.520 [2015-01-29 05:31:08.000000] Done: 4602 recs. seq end:
25759577. run: 335 s
2015-01-29 17:32:02.620
2015-01-29 17:32:02.620 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-29 17:32:02.620 Control Port 2491 Opened
2015-01-29 17:32:02.620 Baler ready on Ethernet
2015-01-29 17:32:02.620 Power Cycled Baler Acknowledged
2015-01-29 17:32:02.620 Commands Accepted by Q330
2015-01-29 17:32:02.620 Access timeout: 300 sec
2015-01-29 17:32:02.620 Control Port 4023 Opened
2015-01-29 17:32:02.620 Data Port 4024 Opened
2015-01-29 17:32:02.620 Registered with Q330
2015-01-29 17:32:02.620 Combination Record Received
2015-01-29 17:32:02.620 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-29 17:32:02.620 Link Reset, starting window sequence: 5460
2015-01-29 17:32:02.620 GPS Receiver ID Received
2015-01-29 17:32:02.620 Manufacturer's Data Received, Property Tag=2017
2015-01-29 17:32:02.620 Digitizer Gain & Offsets Received
2015-01-29 17:32:02.620 Msg From 192.168.200.119:Baler XX-2017 readback. 4602 recs.
seq end: 25759577
2015-01-29 17:32:02.620 Baler clock set to 2015-01-29 17:32:01
2015-01-29 17:32:02.620 Starting to Read DP Tokens
2015-01-29 17:32:02.620 DP Tokens loaded, size=1474 bytes
2015-01-29 17:32:02.620 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-29 17:32:02.620 filters & delay HH1:2@100,Linear all=0.320000
2015-01-29 17:32:02.620 filters & delay HH2:3@100,Linear all=0.320000
2015-01-29 17:32:02.620 filters & delay BDH:4@20,Linear all=1.650000
2015-01-29 17:32:02.620 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-29 17:32:02.620 filters & delay LH1:2@1,Linear all=15.000000
2015-01-29 17:32:02.620 filters & delay LH2:3@1,Linear all=15.000000
2015-01-29 17:32:02.620 filters & delay LDH:4@1,Linear all=15.000000
2015-01-29 17:32:02.620 [2015-01-29 05:31:08.000000] continuity found: 25759577
475824668.000000 Q=100
2015-01-29 17:32:02.620 [2015-01-29 05:31:08.000000] restoring continuity
2015-01-29 17:32:02.620 Sending DT_OPEN
2015-01-29 17:32:02.620 Station: XX-2017
2015-01-29 17:32:02.620 Q330 Serial Number: 0100000DB18FC351
2015-01-29 17:32:02.620 AMB Serial Number: 0100000B6909DD82
2015-01-29 17:32:02.620 Seismo 1 Serial Number: 0000000000000000
2015-01-29 17:32:02.620 Seismo 2 Serial Number: 0000000000000000
2015-01-29 17:32:02.620 QAPCHP 1 Serial Number: 4643206
2015-01-29 17:32:02.620 QAPCHP 2 Serial Number: 3743050
2015-01-29 17:32:02.620 KMI Property Tag Number: 2017
2015-01-29 17:32:02.620 System Software Version: 1.146
2015-01-29 17:32:02.620 Slave Processor Version: 1.11
2015-01-29 17:32:02.620 Calibrator Type: QCAL330
2015-01-29 17:32:02.620 Calibrator Version: 1.8
2015-01-29 17:32:02.620 Auxiliary Board Type: None
2015-01-29 17:32:02.620 Clock Type: Motorola M12
2015-01-29 17:32:02.620 PLD Version: 7.9
2015-01-29 17:32:02.620 Total Hours: 72310.12
2015-01-29 17:32:02.620 Power On Hours: 36940.50

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2015-01-29 17:32:02.620 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-29 17:32:02.620 Total Number of Boots: 120  
 2015-01-29 17:32:02.620 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-29 17:32:02.620 Total Number of Re-Syncs: 213  
 2015-01-29 17:32:02.620 Status Inputs: 00000000  
 2015-01-29 17:32:02.620 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-29 17:32:02.620 Clock Quality: 100%  
 2015-01-29 17:32:02.620 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-29 17:32:02.620 Clock Phase: 1 usec. max allowed=50000  
 2015-01-29 17:32:02.620 Boom positions:  
 2015-01-29 17:32:02.620 ch1: -2 ch2: -9 ch3: 9 ch4: 20 ch5: 20 ch6: 20  
 2015-01-29 17:32:02.620 Analog Status  
 2015-01-29 17:32:02.620 Analog Positive Supply: 5.46V  
 2015-01-29 17:32:02.620 Input Voltage: 13.20V  
 2015-01-29 17:32:02.620 System Temperature: 5C  
 2015-01-29 17:32:02.620 Main Current: 62ma  
 2015-01-29 17:32:02.620 Antenna Current: 0ma  
 2015-01-29 17:32:02.620 GPS Status  
 2015-01-29 17:32:02.620 Time: 17:32:01  
 2015-01-29 17:32:02.620 Date:  
 2015-01-29 17:32:02.620 Fix Type: 1-D  
 2015-01-29 17:32:02.620 Height:  
 2015-01-29 17:32:02.620 Latitude:  
 2015-01-29 17:32:02.620 Longitude:  
 2015-01-29 17:32:02.620 On Time: 0min  
 2015-01-29 17:32:02.620 Sat. Used: 0  
 2015-01-29 17:32:02.620 In View: 0  
 2015-01-29 17:32:02.620 Checksum Errors: 0  
 2015-01-29 17:32:02.620 Last GPS timemark: 2015-01-29 17:32:00  
 2015-01-29 17:32:02.620 PLL Status  
 2015-01-29 17:32:02.620 State: Lock  
 2015-01-29 17:32:02.620 Initial VCO: 2202.041992  
 2015-01-29 17:32:02.620 Time Error: -0.000001  
 2015-01-29 17:32:02.620 RMS VCO: 0.0000000  
 2015-01-29 17:32:02.620 Best VCO: 2202.13  
 2015-01-29 17:32:02.620 Seconds Since Track or Lock: 0.0  
 2015-01-29 17:32:02.620 Vco Control: 2202  
 2015-01-29 17:32:02.620 timing mode: external seascan  
 2015-01-29 17:32:02.620 tempco normal  
 2015-01-29 17:32:02.620 PLL update: 10s PLL lock criterion: 5us  
 2015-01-29 17:32:02.620 Pfrac: 150.00  
 2015-01-29 17:32:02.620 VCO slope: -0.0175000  
 2015-01-29 17:32:02.620 VCO intercept: 7.1100001  
 2015-01-29 17:32:02.620 Km delta: 600.0000000  
 2015-01-29 17:32:02.620 Logical Port 4 Status  
 2015-01-29 17:32:02.620 Data Packets Sent: 29892951  
 2015-01-29 17:32:02.620 Flood Packets Sent: 0  
 2015-01-29 17:32:02.620 Packets Re-Sent: 47480  
 2015-01-29 17:32:02.620 Sequence Errors: 0  
 2015-01-29 17:32:02.620 Packet Buffer Used: 22216560  
 2015-01-29 17:32:02.620 Physical Port: Ethernet  
 2015-01-29 17:32:02.620 Baler Model: 14 Software Version: 2.28  
 2015-01-29 17:32:02.620 MAC Address: 00:04:FB:00:02:EA  
 2015-01-29 17:32:02.620 Disk Size: 20000669696  
 2015-01-29 17:32:02.620 Percent of 1177 data files in use: 56.8  
 2015-01-29 17:32:02.620 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-29 17:32:02.620 Channel Sensitivities (uV per count):  
 2015-01-29 17:32:02.620 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-29 17:32:02.620 Digitizer Calibration Results:  
 2015-01-29 17:32:02.620 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-29 17:32:02.620 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-29 17:32:02.620 DMU1 Software Version=10  
 2015-01-29 17:32:02.620 Supply Voltage=12.7

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2015-01-29 17:32:02.620 Supply Current=0.42  
 2015-01-29 17:32:02.620 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-29 17:32:02.620 WebLink Data Maps Restored  
 2015-01-29 17:32:02.620 [2015-01-29 05:31:08.000000] sequence resumes: 25759577 to 25759577  
 2015-01-29 17:32:02.620 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-29 17:32:01  
 2015-01-29 17:37:32.230 [2015-01-29 17:36:33.000000] total packets received: 46920  
 2015-01-29 17:37:32.230 [2015-01-29 17:36:33.000000] command timeouts: 6  
 2015-01-29 17:37:32.230 [2015-01-29 17:36:33.000000] out of window: 61  
 2015-01-29 17:37:32.230 written: HHZ-1164 HH1-1321 HH2-1445 BDH-445 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-01-29 17:37:32.230 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-27  
 VMZ-2 VM1-2  
 2015-01-29 17:37:32.230 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-01-29 17:37:32.230 [2015-01-29 17:36:33.000000] Done: 4520 recs. seq end: 25803102. run: 325 s  
 2015-01-30 05:38:25.620  
 2015-01-30 05:38:25.620 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-01-30 05:38:25.620 Control Port 2491 Opened  
 2015-01-30 05:38:25.620 Baler ready on Ethernet  
 2015-01-30 05:38:25.620 Power Cycled Baler Acknowledged  
 2015-01-30 05:38:25.620 Commands Accepted by Q330  
 2015-01-30 05:38:25.620 Access timeout: 300 sec  
 2015-01-30 05:38:25.620 Control Port 4023 Opened  
 2015-01-30 05:38:25.620 Data Port 4024 Opened  
 2015-01-30 05:38:25.620 Registered with Q330  
 2015-01-30 05:38:25.620 Combination Record Received  
 2015-01-30 05:38:25.620 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-01-30 05:38:25.620 Link Reset, starting window sequence: 52284  
 2015-01-30 05:38:25.620 GPS Receiver ID Received  
 2015-01-30 05:38:25.620 Manufacturer's Data Received, Property Tag=2017  
 2015-01-30 05:38:25.620 Digitizer Gain & Offsets Received  
 2015-01-30 05:38:25.620 Msg From 192.168.200.119:Baler XX-2017 readback. 4520 recs. seq end: 25803102  
 2015-01-30 05:38:25.620 Baler clock set to 2015-01-30 05:38:24  
 2015-01-30 05:38:25.620 Starting to Read DP Tokens  
 2015-01-30 05:38:25.620 DP Tokens loaded, size=1474 bytes  
 2015-01-30 05:38:25.620 Webserver advertising 192.168.200.119:5380  
 2015-01-30 05:38:25.620 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-01-30 05:38:25.620 filters & delay HH1:2@100,Linear all=0.320000  
 2015-01-30 05:38:25.620 filters & delay HH2:3@100,Linear all=0.320000  
 2015-01-30 05:38:25.620 filters & delay BDH:4@20,Linear all=1.650000  
 2015-01-30 05:38:25.620 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-01-30 05:38:25.620 filters & delay LH1:2@1,Linear all=15.000000  
 2015-01-30 05:38:25.620 filters & delay LH2:3@1,Linear all=15.000000  
 2015-01-30 05:38:25.620 filters & delay LDH:4@1,Linear all=15.000000  
 2015-01-30 05:38:25.620 [2015-01-29 17:36:33.000000] continuity found: 25803102  
 475868193.000000 Q=100  
 2015-01-30 05:38:25.620 [2015-01-29 17:36:33.000000] restoring continuity  
 2015-01-30 05:38:25.620 Sending DT\_OPEN  
 2015-01-30 05:38:25.620 Station: XX-2017  
 2015-01-30 05:38:25.620 Q330 Serial Number: 0100000DB18FC351  
 2015-01-30 05:38:25.620 AMB Serial Number: 0100000B6909DD82  
 2015-01-30 05:38:25.620 Seismo 1 Serial Number: 0000000000000000  
 2015-01-30 05:38:25.620 Seismo 2 Serial Number: 0000000000000000  
 2015-01-30 05:38:25.620 QAPCHP 1 Serial Number: 4643206  
 2015-01-30 05:38:25.620 QAPCHP 2 Serial Number: 3743050  
 2015-01-30 05:38:25.620 KMI Property Tag Number: 2017  
 2015-01-30 05:38:25.620 System Software Version: 1.146  
 2015-01-30 05:38:25.620 Slave Processor Version: 1.11  
 2015-01-30 05:38:25.620 Calibrator Type: QCAL330  
 2015-01-30 05:38:25.620 Calibrator Version: 1.8

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2015-01-30 05:38:25.620 Auxiliary Board Type: None  
 2015-01-30 05:38:25.620 Clock Type: Motorola M12  
 2015-01-30 05:38:25.620 PLD Version: 7.9  
 2015-01-30 05:38:25.620 Total Hours: 72322.23  
 2015-01-30 05:38:25.620 Power On Hours: 36952.61  
 2015-01-30 05:38:25.620 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-30 05:38:25.620 Total Number of Boots: 120  
 2015-01-30 05:38:25.620 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-30 05:38:25.620 Total Number of Re-Syncs: 213  
 2015-01-30 05:38:25.620 Status Inputs: 00000000  
 2015-01-30 05:38:25.620 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-30 05:38:25.620 Clock Quality: 100%  
 2015-01-30 05:38:25.620 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-30 05:38:25.620 Clock Phase: 0 usec. max allowed=50000  
 2015-01-30 05:38:25.620 Boom positions:  
 2015-01-30 05:38:25.620 ch1: -2 ch2: -9 ch3: 9 ch4: 20 ch5: 20 ch6: 20  
 2015-01-30 05:38:25.620 Analog Status  
 2015-01-30 05:38:25.620 Analog Positive Supply: 5.46V  
 2015-01-30 05:38:25.620 Input Voltage: 13.20V  
 2015-01-30 05:38:25.620 System Temperature: 5C  
 2015-01-30 05:38:25.620 Main Current: 62ma  
 2015-01-30 05:38:25.620 Antenna Current: 0ma  
 2015-01-30 05:38:25.620 GPS Status  
 2015-01-30 05:38:25.620 Time: 05:38:24  
 2015-01-30 05:38:25.620 Date:  
 2015-01-30 05:38:25.620 Fix Type: 1-D  
 2015-01-30 05:38:25.620 Height:  
 2015-01-30 05:38:25.620 Latitude:  
 2015-01-30 05:38:25.620 Longitude:  
 2015-01-30 05:38:25.620 On Time: 0min  
 2015-01-30 05:38:25.620 Sat. Used: 0  
 2015-01-30 05:38:25.620 In View: 0  
 2015-01-30 05:38:25.620 Checksum Errors: 0  
 2015-01-30 05:38:25.620 Last GPS timemark: 2015-01-30 05:38:23  
 2015-01-30 05:38:25.620 PLL Status  
 2015-01-30 05:38:25.620 State: Lock  
 2015-01-30 05:38:25.620 Initial VCO: 2202.170654  
 2015-01-30 05:38:25.620 Time Error: 0.000000  
 2015-01-30 05:38:25.620 RMS VCO: 0.0000000  
 2015-01-30 05:38:25.620 Best VCO: 2202.23  
 2015-01-30 05:38:25.620 Seconds Since Track or Lock: 0.0  
 2015-01-30 05:38:25.620 Vco Control: 2202  
 2015-01-30 05:38:25.620 timing mode: external seascan  
 2015-01-30 05:38:25.620 tempco normal  
 2015-01-30 05:38:25.620 PLL update: 10s PLL lock criterion: 5us  
 2015-01-30 05:38:25.620 Pfrac: 150.00  
 2015-01-30 05:38:25.620 VCO slope: -0.0175000  
 2015-01-30 05:38:25.620 VCO intercept: 7.1100001  
 2015-01-30 05:38:25.620 km delta: 600.0000000  
 2015-01-30 05:38:25.620 Logical Port 4 Status  
 2015-01-30 05:38:25.620 Data Packets Sent: 29939780  
 2015-01-30 05:38:25.620 Flood Packets Sent: 0  
 2015-01-30 05:38:25.620 Packets Re-Sent: 47560  
 2015-01-30 05:38:25.620 Sequence Errors: 0  
 2015-01-30 05:38:25.620 Packet Buffer Used: 22065008  
 2015-01-30 05:38:25.620 Physical Port: Ethernet  
 2015-01-30 05:38:25.620 Baler Model: 14 Software Version: 2.28  
 2015-01-30 05:38:25.620 MAC Address: 00:04:FB:00:02:EA  
 2015-01-30 05:38:25.620 Disk Size: 20000669696  
 2015-01-30 05:38:25.620 Percent of 1177 data files in use: 56.8  
 2015-01-30 05:38:25.620 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-30 05:38:25.620 Channel sensitivities (uV per count):  
 2015-01-30 05:38:25.620 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2015-01-30 05:38:25.620 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-30 05:38:25.620 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-30 05:38:25.620 DMU1 Software Version=10
2015-01-30 05:38:25.620 Supply Voltage=12.6
2015-01-30 05:38:25.620 Supply Current=0.41
2015-01-30 05:38:25.620 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-30 05:38:25.620 WebLink Data Maps Restored
2015-01-30 05:38:25.620 [2015-01-29 17:36:33.000000] sequence resumes: 25803102 to
25803102
2015-01-30 05:38:25.620 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-30 05:38:24
2015-01-30 05:41:15.390 [2015-01-30 00:00:00.000000] Saving Configuration to Backup
Memory
2015-01-30 05:43:55.170 [2015-01-30 05:42:11.999998] total packets received: 48854
2015-01-30 05:43:55.170 [2015-01-30 05:42:11.999998] command timeouts: 6
2015-01-30 05:43:55.170 [2015-01-30 05:42:11.999998] out of window: 60
2015-01-30 05:43:55.170 written: HHZ-1169 HH1-1309 HH2-1418 BDH-433 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-01-30 05:43:55.170 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2015-01-30 05:43:55.170 written: VM2-1 LOG-3 ACE-2 OCF-2
2015-01-30 05:43:55.170 [2015-01-30 05:42:11.999998] Done: 4465 recs. seq end:
25846641. run: 325 s
2015-01-30 17:44:47.570
2015-01-30 17:44:47.570 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-30 17:44:47.570 Control Port 2491 Opened
2015-01-30 17:44:47.570 Baler ready on Ethernet
2015-01-30 17:44:47.570 Power Cycled Baler Acknowledged
2015-01-30 17:44:47.570 Commands Accepted by Q330
2015-01-30 17:44:47.570 Access timeout: 300 sec
2015-01-30 17:44:47.570 Control Port 4023 Opened
2015-01-30 17:44:47.570 Data Port 4024 Opened
2015-01-30 17:44:47.570 Registered with Q330
2015-01-30 17:44:47.570 Combination Record Received
2015-01-30 17:44:47.570 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-30 17:44:47.570 Link Reset, starting window sequence: 35507
2015-01-30 17:44:47.570 GPS Receiver ID Received
2015-01-30 17:44:47.570 Manufacturer's Data Received, Property Tag=2017
2015-01-30 17:44:47.570 Digitizer Gain & Offsets Received
2015-01-30 17:44:47.570 Msg From 192.168.200.119:Baler XX-2017 readback. 4465 recs.
seq end: 25846641
2015-01-30 17:44:47.570 Baler clock set to 2015-01-30 17:44:46
2015-01-30 17:44:47.570 Starting to Read DP Tokens
2015-01-30 17:44:47.570 DP Tokens loaded, size=1474 bytes
2015-01-30 17:44:47.570 Webserver advertising 192.168.200.119:5380
2015-01-30 17:44:47.570 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-30 17:44:47.570 filters & delay HH1:2@100,Linear all=0.320000
2015-01-30 17:44:47.570 filters & delay HH2:3@100,Linear all=0.320000
2015-01-30 17:44:47.570 filters & delay BDH:4@20,Linear all=1.650000
2015-01-30 17:44:47.570 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-30 17:44:47.570 filters & delay LH1:2@1,Linear all=15.000000
2015-01-30 17:44:47.570 filters & delay LH2:3@1,Linear all=15.000000
2015-01-30 17:44:47.570 filters & delay LDH:4@1,Linear all=15.000000
2015-01-30 17:44:47.570 [2015-01-30 05:42:11.999998] continuity found: 25846641
475911732.000000 Q=100
2015-01-30 17:44:47.570 [2015-01-30 05:42:11.999998] restoring continuity
2015-01-30 17:44:47.570 Sending DT_OPEN
2015-01-30 17:44:47.570 Station: XX-2017
2015-01-30 17:44:47.570 Q330 Serial Number: 0100000DB18FC351
2015-01-30 17:44:47.570 AMB Serial Number: 0100000B6909DD82
2015-01-30 17:44:47.570 Seismo 1 Serial Number: 0000000000000000
2015-01-30 17:44:47.570 Seismo 2 Serial Number: 0000000000000000
2015-01-30 17:44:47.570 QAPCHP 1 Serial Number: 4643206

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2015-01-30 17:44:47.570 QAPCHP 2 Serial Number: 3743050  
 2015-01-30 17:44:47.570 KMI Property Tag Number: 2017  
 2015-01-30 17:44:47.570 System Software Version: 1.146  
 2015-01-30 17:44:47.570 Slave Processor Version: 1.11  
 2015-01-30 17:44:47.570 Calibrator Type: QCAL330  
 2015-01-30 17:44:47.570 Calibrator Version: 1.8  
 2015-01-30 17:44:47.570 Auxiliary Board Type: None  
 2015-01-30 17:44:47.570 Clock Type: Motorola M12  
 2015-01-30 17:44:47.570 PLD Version: 7.9  
 2015-01-30 17:44:47.570 Total Hours: 72334.33  
 2015-01-30 17:44:47.570 Power On Hours: 36964.72  
 2015-01-30 17:44:47.570 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-30 17:44:47.570 Total Number of Boots: 120  
 2015-01-30 17:44:47.570 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-30 17:44:47.570 Total Number of Re-Syncs: 213  
 2015-01-30 17:44:47.570 Status Inputs: 00000000  
 2015-01-30 17:44:47.570 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-30 17:44:47.570 Clock Quality: 100%  
 2015-01-30 17:44:47.570 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-30 17:44:47.570 Clock Phase: 0 usec. max allowed=50000  
 2015-01-30 17:44:47.570 Boom positions:  
 2015-01-30 17:44:47.570 ch1: -2 ch2: -10 ch3: 10 ch4: 20 ch5: 20 ch6: 20  
 2015-01-30 17:44:47.570 Analog Status  
 2015-01-30 17:44:47.570 Analog Positive Supply: 5.46V  
 2015-01-30 17:44:47.570 Input Voltage: 13.20V  
 2015-01-30 17:44:47.570 System Temperature: 5C  
 2015-01-30 17:44:47.570 Main Current: 63ma  
 2015-01-30 17:44:47.570 Antenna Current: 0ma  
 2015-01-30 17:44:47.570 GPS Status  
 2015-01-30 17:44:47.570 Time: 17:44:46  
 2015-01-30 17:44:47.570 Date:  
 2015-01-30 17:44:47.570 Fix Type: 1-D  
 2015-01-30 17:44:47.570 Height:  
 2015-01-30 17:44:47.570 Latitude:  
 2015-01-30 17:44:47.570 Longitude:  
 2015-01-30 17:44:47.570 On Time: 0min  
 2015-01-30 17:44:47.570 Sat. Used: 0  
 2015-01-30 17:44:47.570 In View: 0  
 2015-01-30 17:44:47.570 Checksum Errors: 0  
 2015-01-30 17:44:47.570 Last GPS timemark: 2015-01-30 17:44:45  
 2015-01-30 17:44:47.570 PLL Status  
 2015-01-30 17:44:47.570 State: Lock  
 2015-01-30 17:44:47.570 Initial VCO: 2201.646240  
 2015-01-30 17:44:47.570 Time Error: 0.000000  
 2015-01-30 17:44:47.570 RMS VCO: 0.0000000  
 2015-01-30 17:44:47.570 Best VCO: 2201.59  
 2015-01-30 17:44:47.570 Seconds Since Track or Lock: 0.0  
 2015-01-30 17:44:47.570 Vco Control: 2202  
 2015-01-30 17:44:47.570 timing mode: external seascan  
 2015-01-30 17:44:47.570 tempco normal  
 2015-01-30 17:44:47.570 PLL update: 10s PLL lock criterion: 5us  
 2015-01-30 17:44:47.570 Pfrac: 150.00  
 2015-01-30 17:44:47.570 VCO slope: -0.0175000  
 2015-01-30 17:44:47.570 VCO intercept: 7.1100001  
 2015-01-30 17:44:47.570 km delta: 600.0000000  
 2015-01-30 17:44:47.570 Logical Port 4 Status  
 2015-01-30 17:44:47.570 Data Packets Sent: 29988544  
 2015-01-30 17:44:47.570 Flood Packets Sent: 0  
 2015-01-30 17:44:47.570 Packets Re-Sent: 47638  
 2015-01-30 17:44:47.570 Sequence Errors: 0  
 2015-01-30 17:44:47.570 Packet Buffer Used: 23275716  
 2015-01-30 17:44:47.570 Physical Port: Ethernet  
 2015-01-30 17:44:47.570 Baler Model: 14 Software Version: 2.28

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2015-01-30 17:44:47.570 MAC Address: 00:04:FB:00:02:EA
2015-01-30 17:44:47.570 Disk Size: 20000669696
2015-01-30 17:44:47.570 Percent of 1177 data files in use: 56.9
2015-01-30 17:44:47.570 Channels Enabled: 1234 Preamps ON channels:
2015-01-30 17:44:47.570 Channel Sensitivities (uV per count):
2015-01-30 17:44:47.570 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-30 17:44:47.570 Digitizer Calibration Results:
2015-01-30 17:44:47.570 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-30 17:44:47.570 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-30 17:44:47.570 DMU1 Software Version=10
2015-01-30 17:44:47.570 Supply Voltage=12.7
2015-01-30 17:44:47.570 Supply Current=0.40
2015-01-30 17:44:47.570 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-30 17:44:47.570 WebLink Data Maps Restored
2015-01-30 17:44:47.570 [2015-01-30 05:42:11.999998] sequence resumes: 25846641 to
25846641
2015-01-30 17:44:47.570 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-30 17:44:46
2015-01-30 17:50:35.520 Reducing Status Polling Interval
2015-01-30 17:50:35.520 [2015-01-30 17:50:34.999998] total packets received: 57489
2015-01-30 17:50:35.520 [2015-01-30 17:50:34.999998] command timeouts: 6
2015-01-30 17:50:35.520 [2015-01-30 17:50:34.999998] out of window: 59
2015-01-30 17:50:35.520 written: HHZ-1256 HH1-1430 HH2-1498 BDH-448 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-01-30 17:50:35.520 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-29
VMZ-2 VM1-2
2015-01-30 17:50:35.520 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-01-30 17:50:35.520 [2015-01-30 17:50:34.999998] Done: 4781 recs. seq end:
25890344. run: 344 s
2015-01-31 05:51:30.620
2015-01-31 05:51:30.620 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-31 05:51:30.620 Control Port 2491 Opened
2015-01-31 05:51:30.620 Baler ready on Ethernet
2015-01-31 05:51:30.620 Power Cycled Baler Acknowledged
2015-01-31 05:51:30.620 Commands Accepted by Q330
2015-01-31 05:51:30.620 Access timeout: 300 sec
2015-01-31 05:51:30.620 Control Port 4023 Opened
2015-01-31 05:51:30.620 Data Port 4024 Opened
2015-01-31 05:51:30.620 Registered with Q330
2015-01-31 05:51:30.620 Combination Record Received
2015-01-31 05:51:30.620 window=4 Min. Timeout=10 Max. Timeout=30
2015-01-31 05:51:30.620 Link Reset, starting window sequence: 27364
2015-01-31 05:51:30.620 GPS Receiver ID Received
2015-01-31 05:51:30.620 Manufacturer's Data Received, Property Tag=2017
2015-01-31 05:51:30.620 Digitizer Gain & Offsets Received
2015-01-31 05:51:30.620 Msg From 192.168.200.119:Baler XX-2017 readback. 4781 recs.
seq end: 25890344
2015-01-31 05:51:30.620 Baler clock set to 2015-01-31 05:51:29
2015-01-31 05:51:30.620 Starting to Read DP Tokens
2015-01-31 05:51:30.620 DP Tokens loaded, size=1474 bytes
2015-01-31 05:51:30.620 Webserver advertising 192.168.200.119:5380
2015-01-31 05:51:30.620 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-31 05:51:30.620 filters & delay HH1:2@100,Linear all=0.320000
2015-01-31 05:51:30.620 filters & delay HH2:3@100,Linear all=0.320000
2015-01-31 05:51:30.620 filters & delay BDH:4@20,Linear all=1.650000
2015-01-31 05:51:30.620 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-31 05:51:30.620 filters & delay LH1:2@1,Linear all=15.000000
2015-01-31 05:51:30.620 filters & delay LH2:3@1,Linear all=15.000000
2015-01-31 05:51:30.620 filters & delay LDH:4@1,Linear all=15.000000
2015-01-31 05:51:30.620 [2015-01-30 17:50:34.999998] continuity found: 25890344
475955435.000000 Q=100
2015-01-31 05:51:30.620 [2015-01-30 17:50:34.999998] restoring continuity
2015-01-31 05:51:30.620 Sending DT_OPEN

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2015-01-31 05:51:30.620 Station: XX-2017  
 2015-01-31 05:51:30.620 Q330 Serial Number: 0100000DB18FC351  
 2015-01-31 05:51:30.620 AMB Serial Number: 0100000B6909DD82  
 2015-01-31 05:51:30.620 Seismo 1 Serial Number: 0000000000000000  
 2015-01-31 05:51:30.620 Seismo 2 Serial Number: 0000000000000000  
 2015-01-31 05:51:30.620 QAPCHP 1 Serial Number: 4643206  
 2015-01-31 05:51:30.620 QAPCHP 2 Serial Number: 3743050  
 2015-01-31 05:51:30.620 KMI Property Tag Number: 2017  
 2015-01-31 05:51:30.620 System Software Version: 1.146  
 2015-01-31 05:51:30.620 Slave Processor Version: 1.11  
 2015-01-31 05:51:30.620 Calibrator Type: QCAL330  
 2015-01-31 05:51:30.620 Calibrator Version: 1.8  
 2015-01-31 05:51:30.620 Auxiliary Board Type: None  
 2015-01-31 05:51:30.620 Clock Type: Motorola M12  
 2015-01-31 05:51:30.620 PLD Version: 7.9  
 2015-01-31 05:51:30.620 Total Hours: 72346.44  
 2015-01-31 05:51:30.620 Power On Hours: 36976.83  
 2015-01-31 05:51:30.620 Time of Last Boot: 2014-04-06 02:03:58  
 2015-01-31 05:51:30.620 Total Number of Boots: 120  
 2015-01-31 05:51:30.620 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-01-31 05:51:30.620 Total Number of Re-Syncs: 213  
 2015-01-31 05:51:30.620 Status Inputs: 00000000  
 2015-01-31 05:51:30.620 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-01-31 05:51:30.620 Clock Quality: 100%  
 2015-01-31 05:51:30.620 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-01-31 05:51:30.620 Clock Phase: 0 usec. max allowed=50000  
 2015-01-31 05:51:30.620 Boom positions:  
 2015-01-31 05:51:30.620 ch1: -2 ch2: -11 ch3: 11 ch4: 20 ch5: 20 ch6: 20  
 2015-01-31 05:51:30.620 Analog Status  
 2015-01-31 05:51:30.620 Analog Positive Supply: 5.46V  
 2015-01-31 05:51:30.620 Input Voltage: 13.35V  
 2015-01-31 05:51:30.620 System Temperature: 5C  
 2015-01-31 05:51:30.620 Main Current: 62ma  
 2015-01-31 05:51:30.620 Antenna Current: 0ma  
 2015-01-31 05:51:30.620 GPS Status  
 2015-01-31 05:51:30.620 Time: 05:51:29  
 2015-01-31 05:51:30.620 Date:  
 2015-01-31 05:51:30.620 Fix Type: 1-D  
 2015-01-31 05:51:30.620 Height:  
 2015-01-31 05:51:30.620 Latitude:  
 2015-01-31 05:51:30.620 Longitude:  
 2015-01-31 05:51:30.620 On Time: 0min  
 2015-01-31 05:51:30.620 Sat. Used: 0  
 2015-01-31 05:51:30.620 In View: 0  
 2015-01-31 05:51:30.620 Checksum Errors: 0  
 2015-01-31 05:51:30.620 Last GPS timemark: 2015-01-31 05:51:28  
 2015-01-31 05:51:30.620 PLL Status  
 2015-01-31 05:51:30.620 State: Lock  
 2015-01-31 05:51:30.620 Initial VCO: 2201.790039  
 2015-01-31 05:51:30.620 Time Error: 0.000000  
 2015-01-31 05:51:30.620 RMS VCO: 0.000000  
 2015-01-31 05:51:30.620 Best VCO: 2202.03  
 2015-01-31 05:51:30.620 Seconds Since Track or Lock: 0.0  
 2015-01-31 05:51:30.620 Vco Control: 2202  
 2015-01-31 05:51:30.620 timing mode: external seascan  
 2015-01-31 05:51:30.620 tempco normal  
 2015-01-31 05:51:30.620 PLL update: 10s PLL lock criterion: 5us  
 2015-01-31 05:51:30.620 Pfrac: 150.00  
 2015-01-31 05:51:30.620 VCO slope: -0.0175000  
 2015-01-31 05:51:30.620 VCO intercept: 7.1100001  
 2015-01-31 05:51:30.620 km delta: 600.0000000  
 2015-01-31 05:51:30.620 Logical Port 4 Status  
 2015-01-31 05:51:30.620 Data Packets Sent: 30045943



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2015-01-31 05:51:30.620 Flood Packets Sent: 0
2015-01-31 05:51:30.620 Packets Re-Sent: 47712
2015-01-31 05:51:30.620 Sequence Errors: 0
2015-01-31 05:51:30.620 Packet Buffer Used: 23406956
2015-01-31 05:51:30.620 Physical Port: Ethernet
2015-01-31 05:51:30.620 Baler Model: 14 Software Version: 2.28
2015-01-31 05:51:30.620 MAC Address: 00:04:FB:00:02:EA
2015-01-31 05:51:30.620 Disk Size: 20000669696
2015-01-31 05:51:30.620 Percent of 1177 data files in use: 57.0
2015-01-31 05:51:30.620 Channels Enabled: 1234 Preamps ON channels:
2015-01-31 05:51:30.620 Channel Sensitivities (uV per count):
2015-01-31 05:51:30.620 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-01-31 05:51:30.620 Digitizer Calibration Results:
2015-01-31 05:51:30.620 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-01-31 05:51:30.620 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-01-31 05:51:30.620 DMU1 Software Version=10
2015-01-31 05:51:30.620 Supply Voltage=12.7
2015-01-31 05:51:30.620 Supply Current=0.41
2015-01-31 05:51:30.620 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-01-31 05:51:30.620 webLink Data Maps Restored
2015-01-31 05:51:30.620 [2015-01-30 17:50:34.999998] sequence resumes: 25890344 to
25890344
2015-01-31 05:51:30.620 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-01-31 05:51:29
2015-01-31 05:54:40.490 [2015-01-31 00:00:00.000000] saving Configuration to Backup
Memory
2015-01-31 05:57:30.380 Reducing Status Polling Interval
2015-01-31 05:57:30.380 [2015-01-31 05:57:29.999998] total packets received: 61090
2015-01-31 05:57:30.380 [2015-01-31 05:57:29.999998] command timeouts: 6
2015-01-31 05:57:30.380 [2015-01-31 05:57:29.999998] out of window: 73
2015-01-31 05:57:30.380 written: HHZ-1266 HH1-1476 HH2-1460 BDH-456 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-01-31 05:57:30.380 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-29 LH2-30 LDH-38
VMZ-2 VM1-2
2015-01-31 05:57:30.380 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-01-31 05:57:30.380 [2015-01-31 05:57:29.999998] Done: 4824 recs. seq end:
25933959. run: 356 s
2015-01-31 17:58:25.630
2015-01-31 17:58:25.630 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-01-31 17:58:25.630 Control Port 2491 Opened
2015-01-31 17:58:25.630 Baler ready on Ethernet
2015-01-31 17:58:25.630 Power Cycled Baler Acknowledged
2015-01-31 17:58:25.630 Commands Accepted by Q330
2015-01-31 17:58:25.630 Access timeout: 300 sec
2015-01-31 17:58:25.630 Control Port 4023 Opened
2015-01-31 17:58:25.630 Data Port 4024 Opened
2015-01-31 17:58:25.630 Registered with Q330
2015-01-31 17:58:25.630 Combination Record Received
2015-01-31 17:58:25.630 Window=4 Min. Timeout=10 Max. Timeout=30
2015-01-31 17:58:25.630 Link Reset, starting window sequence: 22807
2015-01-31 17:58:25.630 GPS Receiver ID Received
2015-01-31 17:58:25.630 Manufacturer's Data Received, Property Tag=2017
2015-01-31 17:58:25.630 Digitizer Gain & Offsets Received
2015-01-31 17:58:25.630 Msg From 192.168.200.119:Baler XX-2017 readback. 4824 recs.
seq end: 25933959
2015-01-31 17:58:25.630 Baler clock set to 2015-01-31 17:58:24
2015-01-31 17:58:25.630 Starting to Read DP Tokens
2015-01-31 17:58:25.630 DP Tokens loaded, size=1474 bytes
2015-01-31 17:58:25.630 webserver advertising 192.168.200.119:5380
2015-01-31 17:58:25.630 filters & delay HHZ:1@100,Linear all=0.320000
2015-01-31 17:58:25.630 filters & delay HH1:2@100,Linear all=0.320000
2015-01-31 17:58:25.630 filters & delay HH2:3@100,Linear all=0.320000
2015-01-31 17:58:25.630 filters & delay BDH:4@20,Linear all=1.650000

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2015-01-31 17:58:25.630 filters & delay LHZ:1@1,Linear all=15.000000
2015-01-31 17:58:25.630 filters & delay LH1:2@1,Linear all=15.000000
2015-01-31 17:58:25.630 filters & delay LH2:3@1,Linear all=15.000000
2015-01-31 17:58:25.630 filters & delay LDH:4@1,Linear all=15.000000
2015-01-31 17:58:25.630 [2015-01-31 05:57:29.999998] restoring continuity
2015-01-31 17:58:25.630 Sending DT_OPEN
2015-01-31 17:58:25.630 Station: XX-2017
2015-01-31 17:58:25.630 Q330 Serial Number: 0100000DB18FC351
2015-01-31 17:58:25.630 AMB Serial Number: 0100000B6909DD82
2015-01-31 17:58:25.630 Seismo 1 Serial Number: 0000000000000000
2015-01-31 17:58:25.630 Seismo 2 Serial Number: 0000000000000000
2015-01-31 17:58:25.630 QAPCHP 1 Serial Number: 4643206
2015-01-31 17:58:25.630 QAPCHP 2 Serial Number: 3743050
2015-01-31 17:58:25.630 KMI Property Tag Number: 2017
2015-01-31 17:58:25.630 System Software Version: 1.146
2015-01-31 17:58:25.630 Slave Processor Version: 1.11
2015-01-31 17:58:25.630 Calibrator Type: QCAL330
2015-01-31 17:58:25.630 Calibrator Version: 1.8
2015-01-31 17:58:25.630 Auxiliary Board Type: None
2015-01-31 17:58:25.630 Clock Type: Motorola M12
2015-01-31 17:58:25.630 PLD Version: 7.9
2015-01-31 17:58:25.630 Total Hours: 72358.56
2015-01-31 17:58:25.630 Power On Hours: 36988.95
2015-01-31 17:58:25.630 Time of Last Boot: 2014-04-06 02:03:58
2015-01-31 17:58:25.630 Total Number of Boots: 120
2015-01-31 17:58:25.630 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-01-31 17:58:25.630 Total Number of Re-Syncs: 213
2015-01-31 17:58:25.630 Status Inputs: 00000000
2015-01-31 17:58:25.630 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-01-31 17:58:25.630 Clock Quality: 100%
2015-01-31 17:58:25.630 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-01-31 17:58:25.630 Clock Phase: 0 usec. max allowed=50000
2015-01-31 17:58:25.630 Boom positions:
2015-01-31 17:58:25.630 ch1: -2 ch2: -11 ch3: 12 ch4: 20 ch5: 20 ch6: 20
2015-01-31 17:58:25.630 Analog Status
2015-01-31 17:58:25.630 Analog Positive Supply: 5.46V
2015-01-31 17:58:25.630 Input Voltage: 13.20V
2015-01-31 17:58:25.630 System Temperature: 5C
2015-01-31 17:58:25.630 Main Current: 63ma
2015-01-31 17:58:25.630 Antenna Current: 0ma
2015-01-31 17:58:25.630 GPS Status
2015-01-31 17:58:25.630 Time: 17:58:24
2015-01-31 17:58:25.630 Date:
2015-01-31 17:58:25.630 Fix Type: 1-D
2015-01-31 17:58:25.630 Height:
2015-01-31 17:58:25.630 Latitude:
2015-01-31 17:58:25.630 Longitude:
2015-01-31 17:58:25.630 On Time: 0min
2015-01-31 17:58:25.630 Sat. Used: 0
2015-01-31 17:58:25.630 In View: 0
2015-01-31 17:58:25.630 Checksum Errors: 0
2015-01-31 17:58:25.630 Last GPS timemark: 2015-01-31 17:58:23
2015-01-31 17:58:25.630 PLL Status
2015-01-31 17:58:25.630 State: Lock
2015-01-31 17:58:25.630 Initial VCO: 2201.930176
2015-01-31 17:58:25.630 Time Error: 0.000002
2015-01-31 17:58:25.630 RMS VCO: 0.0000000
2015-01-31 17:58:25.630 Best VCO: 2201.62
2015-01-31 17:58:25.630 Seconds Since Track or Lock: 0.0
2015-01-31 17:58:25.630 Vco Control: 2202
2015-01-31 17:58:25.630 timing mode: external seascan
2015-01-31 17:58:25.630 tempco normal
2015-01-31 17:58:25.630 PLL update: 10s PLL lock criterion: 5us

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2015-01-31 17:58:25.630 Pfrac: 150.00  
 2015-01-31 17:58:25.630 VCO slope: -0.0175000  
 2015-01-31 17:58:25.630 VCO intercept: 7.1100001  
 2015-01-31 17:58:25.630 km delta: 600.0000000  
 2015-01-31 17:58:25.630 Logical Port 4 Status  
 2015-01-31 17:58:25.630 Data Packets Sent: 30106928  
 2015-01-31 17:58:25.630 Flood Packets Sent: 0  
 2015-01-31 17:58:25.630 Packets Re-Sent: 47802  
 2015-01-31 17:58:25.630 Sequence Errors: 0  
 2015-01-31 17:58:25.630 Packet Buffer Used: 23334092  
 2015-01-31 17:58:25.630 Physical Port: Ethernet  
 2015-01-31 17:58:25.630 Baler Model: 14 Software Version: 2.28  
 2015-01-31 17:58:25.630 MAC Address: 00:04:FB:00:02:EA  
 2015-01-31 17:58:25.630 Disk Size: 20000669696  
 2015-01-31 17:58:25.630 Percent of 1177 data files in use: 57.1  
 2015-01-31 17:58:25.630 Channels Enabled: 1234 Preamps ON channels:  
 2015-01-31 17:58:25.630 Channel Sensitivities (uV per count):  
 2015-01-31 17:58:25.630 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-01-31 17:58:25.630 Digitizer Calibration Results:  
 2015-01-31 17:58:25.630 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-01-31 17:58:25.630 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-01-31 17:58:25.630 DMU1 Software Version=10  
 2015-01-31 17:58:25.630 Supply Voltage=12.7  
 2015-01-31 17:58:25.630 Supply Current=0.42  
 2015-01-31 17:58:25.630 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-01-31 17:58:25.630 webLink Data Maps Restored  
 2015-01-31 17:58:25.630 [2015-01-31 05:57:29.999998] sequence resumes: 25933959 to  
 25933959  
 2015-01-31 17:58:25.630 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-01-31 17:58:24  
 2015-01-31 18:04:20.830 Reducing Status Polling Interval  
 2015-01-31 18:04:20.830 [2015-01-31 18:04:19.999998] total packets received: 58568  
 2015-01-31 18:04:20.830 [2015-01-31 18:04:19.999998] command timeouts: 6  
 2015-01-31 18:04:20.830 [2015-01-31 18:04:19.999998] out of window: 73  
 2015-01-31 18:04:20.830 written: HHZ-1262 HH1-1462 HH2-1462 BDH-456 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-01-31 18:04:20.830 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-27 LH2-27 LDH-38  
 VMZ-1 VM1-1  
 2015-01-31 18:04:20.830 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-01-31 18:04:20.830 [2015-01-31 18:04:19.999998] Done: 4798 recs. seq end:  
 25977569. run: 351 s  
 2015-02-01 06:05:15.600  
 2015-02-01 06:05:15.600 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-01 06:05:15.600 Control Port 2491 Opened  
 2015-02-01 06:05:15.600 Baler ready on Ethernet  
 2015-02-01 06:05:15.600 Power Cycled Baler Acknowledged  
 2015-02-01 06:05:15.600 Commands Accepted by Q330  
 2015-02-01 06:05:15.600 Access timeout: 300 sec  
 2015-02-01 06:05:15.600 Control Port 4023 Opened  
 2015-02-01 06:05:15.600 Data Port 4024 Opened  
 2015-02-01 06:05:15.600 Registered with Q330  
 2015-02-01 06:05:15.600 Combination Record Received  
 2015-02-01 06:05:15.600 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-01 06:05:15.600 Link Reset, starting window sequence: 15729  
 2015-02-01 06:05:15.600 GPS Receiver ID Received  
 2015-02-01 06:05:15.600 Manufacturer's Data Received, Property Tag=2017  
 2015-02-01 06:05:15.600 Digitizer Gain & Offsets Received  
 2015-02-01 06:05:15.600 Msg From 192.168.200.119:Baler XX-2017 readback. 4798 recs.  
 seq end: 25977569  
 2015-02-01 06:05:15.600 Baler clock set to 2015-02-01 06:05:14  
 2015-02-01 06:05:15.600 Starting to Read DP Tokens  
 2015-02-01 06:05:15.600 DP Tokens loaded, size=1474 bytes  
 2015-02-01 06:05:15.600 webserver advertising 192.168.200.119:5380

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2015-02-01 06:05:15.600 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-01 06:05:15.600 filters & delay HH1:2@100,Linear all=0.320000
2015-02-01 06:05:15.600 filters & delay HH2:3@100,Linear all=0.320000
2015-02-01 06:05:15.600 filters & delay BDH:4@20,Linear all=1.650000
2015-02-01 06:05:15.600 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-01 06:05:15.600 filters & delay LH1:2@1,Linear all=15.000000
2015-02-01 06:05:15.600 filters & delay LH2:3@1,Linear all=15.000000
2015-02-01 06:05:15.600 filters & delay LDH:4@1,Linear all=15.000000
2015-02-01 06:05:15.600 [2015-01-31 18:04:19.999998] continuity found: 25977569
476042660.000000 Q=100
2015-02-01 06:05:15.600 [2015-01-31 18:04:19.999998] restoring continuity
2015-02-01 06:05:15.600 Sending DT_OPEN
2015-02-01 06:05:15.600 Station: XX-2017
2015-02-01 06:05:15.600 Q330 Serial Number: 0100000DB18FC351
2015-02-01 06:05:15.600 AMB Serial Number: 0100000B6909DD82
2015-02-01 06:05:15.600 Seismo 1 Serial Number: 0000000000000000
2015-02-01 06:05:15.600 Seismo 2 Serial Number: 0000000000000000
2015-02-01 06:05:15.600 QAPCHP 1 Serial Number: 4643206
2015-02-01 06:05:15.600 QAPCHP 2 Serial Number: 3743050
2015-02-01 06:05:15.600 KMI Property Tag Number: 2017
2015-02-01 06:05:15.600 System Software Version: 1.146
2015-02-01 06:05:15.600 Slave Processor Version: 1.11
2015-02-01 06:05:15.600 Calibrator Type: QCAL330
2015-02-01 06:05:15.600 Calibrator Version: 1.8
2015-02-01 06:05:15.600 Auxiliary Board Type: None
2015-02-01 06:05:15.600 Clock Type: Motorola M12
2015-02-01 06:05:15.600 PLD Version: 7.9
2015-02-01 06:05:15.600 Total Hours: 72370.67
2015-02-01 06:05:15.600 Power On Hours: 37001.06
2015-02-01 06:05:15.600 Time of Last Boot: 2014-04-06 02:03:58
2015-02-01 06:05:15.600 Total Number of Boots: 120
2015-02-01 06:05:15.600 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-01 06:05:15.600 Total Number of Re-Syncs: 213
2015-02-01 06:05:15.600 Status Inputs: 00000000
2015-02-01 06:05:15.600 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-01 06:05:15.600 Clock Quality: 100%
2015-02-01 06:05:15.600 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-01 06:05:15.600 Clock Phase: 0 usec. max allowed=50000
2015-02-01 06:05:15.600 Boom positions:
2015-02-01 06:05:15.600 ch1: -2 ch2: -12 ch3: 13 ch4: 20 ch5: 20 ch6: 20
2015-02-01 06:05:15.600 Analog Status
2015-02-01 06:05:15.600 Analog Positive Supply: 5.46V
2015-02-01 06:05:15.600 Input Voltage: 13.20V
2015-02-01 06:05:15.600 System Temperature: 5C
2015-02-01 06:05:15.600 Main Current: 64ma
2015-02-01 06:05:15.600 Antenna Current: 0ma
2015-02-01 06:05:15.600 GPS Status
2015-02-01 06:05:15.600 Time: 06:05:14
2015-02-01 06:05:15.600 Date:
2015-02-01 06:05:15.600 Fix Type: 1-D
2015-02-01 06:05:15.600 Height:
2015-02-01 06:05:15.600 Latitude:
2015-02-01 06:05:15.600 Longitude:
2015-02-01 06:05:15.600 On Time: 0min
2015-02-01 06:05:15.600 Sat. Used: 0
2015-02-01 06:05:15.600 In View: 0
2015-02-01 06:05:15.600 Checksum Errors: 0
2015-02-01 06:05:15.600 Last GPS timemark: 2015-02-01 06:05:13
2015-02-01 06:05:15.600 PLL Status
2015-02-01 06:05:15.600 State: Lock
2015-02-01 06:05:15.600 Initial VCO: 2202.141602
2015-02-01 06:05:15.600 Time Error: 0.000000
2015-02-01 06:05:15.600 RMS VCO: 0.0000000

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2015-02-01 06:05:15.600 Best VCO: 2202.03  
 2015-02-01 06:05:15.600 Seconds Since Track or Lock: 0.0  
 2015-02-01 06:05:15.600 Vco Control: 2202  
 2015-02-01 06:05:15.600 timing mode: external seascan  
 2015-02-01 06:05:15.600 tempco normal  
 2015-02-01 06:05:15.600 PLL update: 10s PLL lock criterion: 5us  
 2015-02-01 06:05:15.600 Pfrac: 150.00  
 2015-02-01 06:05:15.600 VCO slope: -0.0175000  
 2015-02-01 06:05:15.600 VCO intercept: 7.1100001  
 2015-02-01 06:05:15.600 km delta: 600.0000000  
 2015-02-01 06:05:15.600 Logical Port 4 Status  
 2015-02-01 06:05:15.600 Data Packets Sent: 30165391  
 2015-02-01 06:05:15.600 Flood Packets Sent: 0  
 2015-02-01 06:05:15.600 Packets Re-Sent: 47892  
 2015-02-01 06:05:15.600 Sequence Errors: 0  
 2015-02-01 06:05:15.600 Packet Buffer Used: 22317996  
 2015-02-01 06:05:15.600 Physical Port: Ethernet  
 2015-02-01 06:05:15.600 Baler Model: 14 Software Version: 2.28  
 2015-02-01 06:05:15.600 MAC Address: 00:04:FB:00:02:EA  
 2015-02-01 06:05:15.600 Disk Size: 20000669696  
 2015-02-01 06:05:15.600 Percent of 1177 data files in use: 57.2  
 2015-02-01 06:05:15.600 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-01 06:05:15.600 Channel Sensitivities (uV per count):  
 2015-02-01 06:05:15.600 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-01 06:05:15.600 Digitizer Calibration Results:  
 2015-02-01 06:05:15.600 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-01 06:05:15.600 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-01 06:05:15.600 DMU1 Software Version=10  
 2015-02-01 06:05:15.600 Supply Voltage=12.7  
 2015-02-01 06:05:15.600 Supply Current=0.42  
 2015-02-01 06:05:15.600 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-01 06:05:15.600 webLink Data Maps Restored  
 2015-02-01 06:05:15.600 [2015-01-31 18:04:19.999998] sequence resumes: 25977569 to  
 25977569  
 2015-02-01 06:05:15.600 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-01 06:05:14  
 2015-02-01 06:10:56.630 Reducing Status Polling Interval  
 2015-02-01 06:10:56.630 [2015-02-01 06:10:56.000000] total packets received: 46914  
 2015-02-01 06:10:56.630 [2015-02-01 06:10:56.000000] command timeouts: 6  
 2015-02-01 06:10:56.630 [2015-02-01 06:10:56.000000] out of window: 79  
 2015-02-01 06:10:56.630 written: HHZ-1170 HH1-1387 HH2-1395 BDH-452 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-02-01 06:10:56.630 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-32  
 VMZ-2 VM1-2  
 2015-02-01 06:10:56.630 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-02-01 06:10:56.630 [2015-02-01 06:10:56.000000] Done: 4558 recs. seq end:  
 26021165. run: 336 s  
 2015-02-01 18:11:50.620  
 2015-02-01 18:11:50.620 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-01 18:11:50.620 Control Port 2491 Opened  
 2015-02-01 18:11:50.620 Baler ready on Ethernet  
 2015-02-01 18:11:50.620 Power Cycled Baler Acknowledged  
 2015-02-01 18:11:50.620 Commands Accepted by Q330  
 2015-02-01 18:11:50.620 Access timeout: 300 sec  
 2015-02-01 18:11:50.620 Control Port 4023 Opened  
 2015-02-01 18:11:50.620 Data Port 4024 Opened  
 2015-02-01 18:11:50.620 Registered with Q330  
 2015-02-01 18:11:50.620 Combination Record Received  
 2015-02-01 18:11:50.620 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-01 18:11:50.620 Link Reset, starting window sequence: 62528  
 2015-02-01 18:11:50.620 GPS Receiver ID Received  
 2015-02-01 18:11:50.620 Manufacturer's Data Received, Property Tag=2017  
 2015-02-01 18:11:50.620 Digitizer Gain & Offsets Received

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2015-02-01 18:11:50.620 Msg From 192.168.200.119:Baler XX-2017 readback. 4558 recs.
seq end: 26021165
2015-02-01 18:11:50.620 Baler clock set to 2015-02-01 18:11:49
2015-02-01 18:11:50.620 Starting to Read DP Tokens
2015-02-01 18:11:50.620 DP Tokens loaded, size=1474 bytes
2015-02-01 18:11:50.620 webserver advertising 192.168.200.119:5380
2015-02-01 18:11:50.620 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-01 18:11:50.620 filters & delay HH1:2@100,Linear all=0.320000
2015-02-01 18:11:50.620 filters & delay HH2:3@100,Linear all=0.320000
2015-02-01 18:11:50.620 filters & delay BDH:4@20,Linear all=1.650000
2015-02-01 18:11:50.620 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-01 18:11:50.620 filters & delay LH1:2@1,Linear all=15.000000
2015-02-01 18:11:50.620 filters & delay LH2:3@1,Linear all=15.000000
2015-02-01 18:11:50.620 filters & delay LDH:4@1,Linear all=15.000000
2015-02-01 18:11:50.620 [2015-02-01 06:10:56.000000] continuity found: 26021165
476086256.000000 Q=100
2015-02-01 18:11:50.620 [2015-02-01 06:10:56.000000] restoring continuity
2015-02-01 18:11:50.620 Sending DT_OPEN
2015-02-01 18:11:50.620 Station: XX-2017
2015-02-01 18:11:50.620 Q330 Serial Number: 0100000DB18FC351
2015-02-01 18:11:50.620 AMB Serial Number: 0100000B6909DD82
2015-02-01 18:11:50.620 Seismo 1 Serial Number: 0000000000000000
2015-02-01 18:11:50.620 Seismo 2 Serial Number: 0000000000000000
2015-02-01 18:11:50.620 QAPCHP 1 Serial Number: 4643206
2015-02-01 18:11:50.620 QAPCHP 2 Serial Number: 3743050
2015-02-01 18:11:50.620 KMI Property Tag Number: 2017
2015-02-01 18:11:50.620 System Software Version: 1.146
2015-02-01 18:11:50.620 Slave Processor Version: 1.11
2015-02-01 18:11:50.620 Calibrator Type: QCAL330
2015-02-01 18:11:50.620 Calibrator Version: 1.8
2015-02-01 18:11:50.620 Auxiliary Board Type: None
2015-02-01 18:11:50.620 Clock Type: Motorola M12
2015-02-01 18:11:50.620 PLD Version: 7.9
2015-02-01 18:11:50.620 Total Hours: 72382.78
2015-02-01 18:11:50.620 Power On Hours: 37013.17
2015-02-01 18:11:50.620 Time of Last Boot: 2014-04-06 02:03:58
2015-02-01 18:11:50.620 Total Number of Boots: 120
2015-02-01 18:11:50.620 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-01 18:11:50.620 Total Number of Re-Syncs: 213
2015-02-01 18:11:50.620 Status Inputs: 00000000
2015-02-01 18:11:50.620 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-01 18:11:50.620 Clock Quality: 100%
2015-02-01 18:11:50.620 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-01 18:11:50.620 Clock Phase: 0 usec. max allowed=50000
2015-02-01 18:11:50.620 Boom positions:
2015-02-01 18:11:50.620 ch1: -2 ch2: -12 ch3: 13 ch4: 20 ch5: 20 ch6: 20
2015-02-01 18:11:50.620 Analog Status
2015-02-01 18:11:50.620 Analog Positive Supply: 5.46V
2015-02-01 18:11:50.620 Input Voltage: 13.35V
2015-02-01 18:11:50.620 System Temperature: 5C
2015-02-01 18:11:50.620 Main Current: 62ma
2015-02-01 18:11:50.620 Antenna Current: 0ma
2015-02-01 18:11:50.620 GPS Status
2015-02-01 18:11:50.620 Time: 18:11:49
2015-02-01 18:11:50.620 Date:
2015-02-01 18:11:50.620 Fix Type: 1-D
2015-02-01 18:11:50.620 Height:
2015-02-01 18:11:50.620 Latitude:
2015-02-01 18:11:50.620 Longitude:
2015-02-01 18:11:50.620 On Time: 0min
2015-02-01 18:11:50.620 Sat. Used: 0
2015-02-01 18:11:50.620 In View: 0
2015-02-01 18:11:50.620 Checksum Errors: 0

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2015-02-01 18:11:50.620 Last GPS timemark: 2015-02-01 18:11:48
2015-02-01 18:11:50.620 PLL Status
2015-02-01 18:11:50.620 State: Lock
2015-02-01 18:11:50.620 Initial VCO: 2202.374023
2015-02-01 18:11:50.620 Time Error: -0.000001
2015-02-01 18:11:50.620 RMS VCO: 0.0000000
2015-02-01 18:11:50.620 Best VCO: 2202.52
2015-02-01 18:11:50.620 Seconds Since Track or Lock: 0.0
2015-02-01 18:11:50.620 Vco Control: 2203
2015-02-01 18:11:50.620 timing mode: external seascan
2015-02-01 18:11:50.620 tempco normal
2015-02-01 18:11:50.620 PLL update: 10s PLL lock criterion: 5us
2015-02-01 18:11:50.620 Pfrac: 150.00
2015-02-01 18:11:50.620 VCO slope: -0.0175000
2015-02-01 18:11:50.620 VCO intercept: 7.1100001
2015-02-01 18:11:50.620 km delta: 600.0000000
2015-02-01 18:11:50.620 Logical Port 4 Status
2015-02-01 18:11:50.620 Data Packets Sent: 30212195
2015-02-01 18:11:50.620 Flood Packets Sent: 0
2015-02-01 18:11:50.620 Packets Re-Sent: 47986
2015-02-01 18:11:50.620 Sequence Errors: 0
2015-02-01 18:11:50.620 Packet Buffer Used: 22034480
2015-02-01 18:11:50.620 Physical Port: Ethernet
2015-02-01 18:11:50.620 Baler Model: 14 Software Version: 2.28
2015-02-01 18:11:50.620 MAC Address: 00:04:FB:00:02:EA
2015-02-01 18:11:50.620 Disk Size: 20000669696
2015-02-01 18:11:50.620 Percent of 1177 data files in use: 57.3
2015-02-01 18:11:50.620 Channels Enabled: 1234 Preamps ON channels:
2015-02-01 18:11:50.620 Channel Sensitivities (uV per count):
2015-02-01 18:11:50.620 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-01 18:11:50.620 Digitizer Calibration Results:
2015-02-01 18:11:50.620 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-01 18:11:50.620 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-01 18:11:50.620 DMU1 Software Version=10
2015-02-01 18:11:50.620 Supply Voltage=12.7
2015-02-01 18:11:50.620 Supply Current=0.41
2015-02-01 18:11:50.620 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-01 18:11:50.620 webLink Data Maps Restored
2015-02-01 18:11:50.620 [2015-02-01 06:10:56.000000] sequence resumes: 26021165 to
26021165
2015-02-01 18:11:50.620 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-01 18:11:49
2015-02-01 18:17:17.540 Reducing Status Polling Interval
2015-02-01 18:17:17.540 [2015-02-01 18:17:15.999998] total packets received: 46236
2015-02-01 18:17:17.540 [2015-02-01 18:17:15.999998] command timeouts: 6
2015-02-01 18:17:17.540 [2015-02-01 18:17:15.999998] out of window: 54
2015-02-01 18:17:17.540 written: HHZ-1173 HH1-1358 HH2-1364 BDH-445 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-01 18:17:17.540 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2015-02-01 18:17:17.540 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-01 18:17:17.540 [2015-02-01 18:17:15.999998] Done: 4481 recs. seq end:
26064745. run: 323 s
2015-02-02 06:18:10.600
2015-02-02 06:18:10.600 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-02 06:18:10.600 Control Port 2491 Opened
2015-02-02 06:18:10.600 Baler ready on Ethernet
2015-02-02 06:18:10.600 Power Cycled Baler Acknowledged
2015-02-02 06:18:10.600 Commands Accepted by Q330
2015-02-02 06:18:10.600 Access timeout: 300 sec
2015-02-02 06:18:10.600 Control Port 4023 Opened
2015-02-02 06:18:10.600 Data Port 4024 Opened
2015-02-02 06:18:10.600 Registered with Q330

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2015-02-02 06:18:10.600 Combination Record Received  
 2015-02-02 06:18:10.600 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-02 06:18:10.600 Link Reset, starting window sequence: 43138  
 2015-02-02 06:18:10.600 GPS Receiver ID Received  
 2015-02-02 06:18:10.600 Manufacturer's Data Received, Property Tag=2017  
 2015-02-02 06:18:10.600 Digitizer Gain & Offsets Received  
 2015-02-02 06:18:10.600 Msg From 192.168.200.119: Baler XX-2017 readback. 4481 recs.  
 seq end: 26064745  
 2015-02-02 06:18:10.600 Baler clock set to 2015-02-02 06:18:09  
 2015-02-02 06:18:10.600 Starting to Read DP Tokens  
 2015-02-02 06:18:10.600 DP Tokens loaded, size=1474 bytes  
 2015-02-02 06:18:10.600 webserver advertising 192.168.200.119:5380  
 2015-02-02 06:18:10.600 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-02-02 06:18:10.600 filters & delay HH1:2@100,Linear all=0.320000  
 2015-02-02 06:18:10.600 filters & delay HH2:3@100,Linear all=0.320000  
 2015-02-02 06:18:10.600 filters & delay BDH:4@20,Linear all=1.650000  
 2015-02-02 06:18:10.600 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-02-02 06:18:10.600 filters & delay LH1:2@1,Linear all=15.000000  
 2015-02-02 06:18:10.600 filters & delay LH2:3@1,Linear all=15.000000  
 2015-02-02 06:18:10.600 filters & delay LDH:4@1,Linear all=15.000000  
 2015-02-02 06:18:10.600 [2015-02-01 18:17:15.999998] continuity found: 26064745  
 476129836.000000 Q=100  
 2015-02-02 06:18:10.600 [2015-02-01 18:17:15.999998] restoring continuity  
 2015-02-02 06:18:10.600 Sending DT\_OPEN  
 2015-02-02 06:18:10.600 Station: XX-2017  
 2015-02-02 06:18:10.600 Q330 Serial Number: 0100000DB18FC351  
 2015-02-02 06:18:10.600 AMB Serial Number: 0100000B6909DD82  
 2015-02-02 06:18:10.600 Seismo 1 Serial Number: 0000000000000000  
 2015-02-02 06:18:10.600 Seismo 2 Serial Number: 0000000000000000  
 2015-02-02 06:18:10.600 QAPCHP 1 Serial Number: 4643206  
 2015-02-02 06:18:10.600 QAPCHP 2 Serial Number: 3743050  
 2015-02-02 06:18:10.600 KMI Property Tag Number: 2017  
 2015-02-02 06:18:10.600 System Software Version: 1.146  
 2015-02-02 06:18:10.600 Slave Processor Version: 1.11  
 2015-02-02 06:18:10.600 Calibrator Type: QCAL330  
 2015-02-02 06:18:10.600 Calibrator Version: 1.8  
 2015-02-02 06:18:10.600 Auxiliary Board Type: None  
 2015-02-02 06:18:10.600 Clock Type: Motorola M12  
 2015-02-02 06:18:10.600 PLD Version: 7.9  
 2015-02-02 06:18:10.600 Total Hours: 72394.89  
 2015-02-02 06:18:10.600 Power On Hours: 37025.28  
 2015-02-02 06:18:10.600 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-02 06:18:10.600 Total Number of Boots: 120  
 2015-02-02 06:18:10.600 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-02 06:18:10.600 Total Number of Re-Syncs: 213  
 2015-02-02 06:18:10.600 Status Inputs: 00000000  
 2015-02-02 06:18:10.600 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-02 06:18:10.600 Clock Quality: 100%  
 2015-02-02 06:18:10.600 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-02 06:18:10.600 Clock Phase: 1 usec. max allowed=50000  
 2015-02-02 06:18:10.600 Boom positions:  
 2015-02-02 06:18:10.600 ch1: -2 ch2: -12 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2015-02-02 06:18:10.600 Analog Status  
 2015-02-02 06:18:10.600 Analog Positive Supply: 5.46V  
 2015-02-02 06:18:10.600 Input Voltage: 13.20V  
 2015-02-02 06:18:10.600 System Temperature: 5C  
 2015-02-02 06:18:10.600 Main Current: 61ma  
 2015-02-02 06:18:10.600 GPS Status  
 2015-02-02 06:18:10.600 Time: 06:18:09  
 2015-02-02 06:18:10.600 Date:  
 2015-02-02 06:18:10.600 Fix Type: 1-D  
 2015-02-02 06:18:10.600 Height:  
 2015-02-02 06:18:10.600 Latitude:



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2015-02-02 06:18:10.600 Longitude:
2015-02-02 06:18:10.600 On Time: 0min
2015-02-02 06:18:10.600 Sat. Used: 0
2015-02-02 06:18:10.600 In View: 0
2015-02-02 06:18:10.600 Checksum Errors: 0
2015-02-02 06:18:10.600 Last GPS timemark: 2015-02-02 06:18:08
2015-02-02 06:18:10.600 PLL Status
2015-02-02 06:18:10.600 State: Lock
2015-02-02 06:18:10.600 Initial VCO: 2202.178955
2015-02-02 06:18:10.600 Time Error: 0.000000
2015-02-02 06:18:10.600 RMS VCO: 0.0000000
2015-02-02 06:18:10.600 Best VCO: 2202.23
2015-02-02 06:18:10.600 Seconds Since Track or Lock: 0.0
2015-02-02 06:18:10.600 Vco Control: 2202
2015-02-02 06:18:10.600 timing mode: external seascan
2015-02-02 06:18:10.600 tempco normal
2015-02-02 06:18:10.600 PLL update: 10s PLL lock criterion: 5us
2015-02-02 06:18:10.600 Pfrac: 150.00
2015-02-02 06:18:10.600 VCO slope: -0.0175000
2015-02-02 06:18:10.600 VCO intercept: 7.1100001
2015-02-02 06:18:10.600 km delta: 600.0000000
2015-02-02 06:18:10.600 Logical Port 4 Status
2015-02-02 06:18:10.600 Data Packets Sent: 30258347
2015-02-02 06:18:10.600 Flood Packets Sent: 0
2015-02-02 06:18:10.600 Packets Re-Sent: 48061
2015-02-02 06:18:10.600 Sequence Errors: 0
2015-02-02 06:18:10.600 Packet Buffer Used: 22038228
2015-02-02 06:18:10.600 Physical Port: Ethernet
2015-02-02 06:18:10.600 Baler Model: 14 Software Version: 2.28
2015-02-02 06:18:10.600 MAC Address: 00:04:FB:00:02:EA
2015-02-02 06:18:10.600 Disk Size: 20000669696
2015-02-02 06:18:10.600 Percent of 1177 data files in use: 57.3
2015-02-02 06:18:10.600 Channels Enabled: 1234 Preamps ON channels:
2015-02-02 06:18:10.600 Channel Sensitivities (uV per count):
2015-02-02 06:18:10.600 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-02 06:18:10.600 Digitizer Calibration Results:
2015-02-02 06:18:10.600 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-02 06:18:10.600 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-02 06:18:10.600 DMU1 Software Version=10
2015-02-02 06:18:10.600 Supply Voltage=12.6
2015-02-02 06:18:10.600 Supply Current=0.42
2015-02-02 06:18:10.600 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-02 06:18:10.600 webLink Data Maps Restored
2015-02-02 06:18:10.600 [2015-02-01 18:17:15.999998] sequence resumes: 26064745 to
26064745
2015-02-02 06:18:10.600 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-02 06:18:09
2015-02-02 06:20:48.400 [2015-02-02 00:00:00.000001] Saving Configuration to Backup
Memory
2015-02-02 06:23:47.950 Reducing Status Polling Interval
2015-02-02 06:23:47.950 [2015-02-02 06:23:46.999998] total packets received: 46784
2015-02-02 06:23:47.950 [2015-02-02 06:23:46.999998] command timeouts: 6
2015-02-02 06:23:47.950 [2015-02-02 06:23:46.999998] out of window: 66
2015-02-02 06:23:47.950 written: HHZ-1168 HH1-1345 HH2-1377 BDH-444 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2015-02-02 06:23:47.950 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-26
VMZ-1 VM1-1
2015-02-02 06:23:47.950 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-02-02 06:23:47.950 [2015-02-02 06:23:46.999998] Done: 4476 recs. seq end:
26108336. run: 332 s
2015-02-02 18:24:41.610
2015-02-02 18:24:41.610 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-02 18:24:41.610 Control Port 2491 Opened

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2015-02-02 18:24:41.610 Baler ready on Ethernet
2015-02-02 18:24:41.610 Power Cycled Baler Acknowledged
2015-02-02 18:24:41.610 Commands Accepted by Q330
2015-02-02 18:24:41.610 Access timeout: 300 sec
2015-02-02 18:24:41.610 Control Port 4023 Opened
2015-02-02 18:24:41.610 Data Port 4024 Opened
2015-02-02 18:24:41.610 Registered with Q330
2015-02-02 18:24:41.610 Combination Record Received
2015-02-02 18:24:41.610 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-02 18:24:41.610 Link Reset, starting window sequence: 24284
2015-02-02 18:24:41.610 GPS Receiver ID Received
2015-02-02 18:24:41.610 Manufacturer's Data Received, Property Tag=2017
2015-02-02 18:24:41.610 Digitizer Gain & Offsets Received
2015-02-02 18:24:41.610 Msg From 192.168.200.119:Baler XX-2017 readback. 4476 recs.
seq end: 26108336
2015-02-02 18:24:41.610 Baler clock set to 2015-02-02 18:24:40
2015-02-02 18:24:41.610 Starting to Read DP Tokens
2015-02-02 18:24:41.610 DP Tokens loaded, size=1474 bytes
2015-02-02 18:24:41.610 webserver advertising 192.168.200.119:5380
2015-02-02 18:24:41.610 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-02 18:24:41.610 filters & delay HH1:2@100,Linear all=0.320000
2015-02-02 18:24:41.610 filters & delay HH2:3@100,Linear all=0.320000
2015-02-02 18:24:41.610 filters & delay BDH:4@20,Linear all=1.650000
2015-02-02 18:24:41.610 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-02 18:24:41.610 filters & delay LH1:2@1,Linear all=15.000000
2015-02-02 18:24:41.610 filters & delay LH2:3@1,Linear all=15.000000
2015-02-02 18:24:41.610 filters & delay LDH:4@1,Linear all=15.000000
2015-02-02 18:24:41.610 [2015-02-02 06:23:46.999998] continuity found: 26108336
476173427.000000 Q=100
2015-02-02 18:24:41.610 [2015-02-02 06:23:46.999998] restoring continuity
2015-02-02 18:24:41.610 Sending DT_OPEN
2015-02-02 18:24:41.610 Station: XX-2017
2015-02-02 18:24:41.610 Q330 Serial Number: 0100000DB18FC351
2015-02-02 18:24:41.610 AMB Serial Number: 0100000B6909DD82
2015-02-02 18:24:41.610 Seismo 1 Serial Number: 0000000000000000
2015-02-02 18:24:41.610 Seismo 2 Serial Number: 0000000000000000
2015-02-02 18:24:41.610 QAPCHP 1 Serial Number: 4643206
2015-02-02 18:24:41.610 QAPCHP 2 Serial Number: 3743050
2015-02-02 18:24:41.610 KMI Property Tag Number: 2017
2015-02-02 18:24:41.610 System Software Version: 1.146
2015-02-02 18:24:41.610 Slave Processor Version: 1.11
2015-02-02 18:24:41.610 Calibrator Type: QCAL330
2015-02-02 18:24:41.610 Calibrator Version: 1.8
2015-02-02 18:24:41.610 Auxiliary Board Type: None
2015-02-02 18:24:41.610 Clock Type: Motorola M12
2015-02-02 18:24:41.610 PLD Version: 7.9
2015-02-02 18:24:41.610 Total Hours: 72407.00
2015-02-02 18:24:41.610 Power On Hours: 37037.38
2015-02-02 18:24:41.610 Time of Last Boot: 2014-04-06 02:03:58
2015-02-02 18:24:41.610 Total Number of Boots: 120
2015-02-02 18:24:41.610 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-02 18:24:41.610 Total Number of Re-Syncs: 213
2015-02-02 18:24:41.610 Status Inputs: 00000000
2015-02-02 18:24:41.610 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-02 18:24:41.610 Clock Quality: 100%
2015-02-02 18:24:41.610 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-02 18:24:41.610 Clock Phase: 0 usec. max allowed=50000
2015-02-02 18:24:41.610 Boom positions:
2015-02-02 18:24:41.610 Ch1: -2 Ch2: -14 Ch3: 14 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-02 18:24:41.610 Analog Status
2015-02-02 18:24:41.610 Analog Positive Supply: 5.46v
2015-02-02 18:24:41.610 Input Voltage: 13.20v
2015-02-02 18:24:41.610 System Temperature: 5C

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2015-02-02 18:24:41.610 Main Current: 62ma  
 2015-02-02 18:24:41.610 Antenna Current: 0ma  
 2015-02-02 18:24:41.610 GPS Status  
 2015-02-02 18:24:41.610 Time: 18:24:40  
 2015-02-02 18:24:41.610 Date:  
 2015-02-02 18:24:41.610 Fix Type: 1-D  
 2015-02-02 18:24:41.610 Height:  
 2015-02-02 18:24:41.610 Latitude:  
 2015-02-02 18:24:41.610 Longitude:  
 2015-02-02 18:24:41.610 On Time: 0min  
 2015-02-02 18:24:41.610 Sat. Used: 0  
 2015-02-02 18:24:41.610 In View: 0  
 2015-02-02 18:24:41.610 Checksum Errors: 0  
 2015-02-02 18:24:41.610 Last GPS timemark: 2015-02-02 18:24:39  
 2015-02-02 18:24:41.610 PLL Status  
 2015-02-02 18:24:41.610 State: Lock  
 2015-02-02 18:24:41.610 Initial VCO: 2202.062500  
 2015-02-02 18:24:41.610 Time Error: 0.000000  
 2015-02-02 18:24:41.610 RMS VCO: 0.000000  
 2015-02-02 18:24:41.610 Best VCO: 2202.06  
 2015-02-02 18:24:41.610 Seconds Since Track or Lock: 0.0  
 2015-02-02 18:24:41.610 Vco Control: 2202  
 2015-02-02 18:24:41.610 timing mode: external seascan  
 2015-02-02 18:24:41.610 tempco normal  
 2015-02-02 18:24:41.610 PLL update: 10s PLL lock criterion: 5us  
 2015-02-02 18:24:41.610 Pfrac: 150.00  
 2015-02-02 18:24:41.610 VCO slope: -0.0175000  
 2015-02-02 18:24:41.610 VCO intercept: 7.1100001  
 2015-02-02 18:24:41.610 Km delta: 600.000000  
 2015-02-02 18:24:41.610 Logical Port 4 Status  
 2015-02-02 18:24:41.610 Data Packets Sent: 30305034  
 2015-02-02 18:24:41.610 Flood Packets Sent: 0  
 2015-02-02 18:24:41.610 Packets Re-Sent: 48143  
 2015-02-02 18:24:41.610 Sequence Errors: 0  
 2015-02-02 18:24:41.610 Packet Buffer Used: 23550876  
 2015-02-02 18:24:41.610 Physical Port: Ethernet  
 2015-02-02 18:24:41.610 Baler Model: 14 Software Version: 2.28  
 2015-02-02 18:24:41.610 MAC Address: 00:04:FB:00:02:EA  
 2015-02-02 18:24:41.610 Disk Size: 20000669696  
 2015-02-02 18:24:41.610 Percent of 1177 data files in use: 57.5  
 2015-02-02 18:24:41.610 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-02 18:24:41.610 Channel Sensitivities (uV per count):  
 2015-02-02 18:24:41.610 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-02 18:24:41.610 Digitizer Calibration Results:  
 2015-02-02 18:24:41.610 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-02 18:24:41.610 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-02 18:24:41.610 DMU1 Software Version=10  
 2015-02-02 18:24:41.610 Supply Voltage=12.6  
 2015-02-02 18:24:41.610 Supply Current=0.41  
 2015-02-02 18:24:41.610 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-02 18:24:41.610 WebLink Data Maps Restored  
 2015-02-02 18:24:41.610 [2015-02-02 06:23:46.999998] sequence resumes: 26108336 to  
 26108336  
 2015-02-02 18:24:41.610 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-02 18:24:40  
 2015-02-02 18:29:42.000 Reducing Status Polling Interval  
 2015-02-02 18:29:42.000 [2015-02-02 18:27:29.000000] total packets received: 61698  
 2015-02-02 18:29:42.000 [2015-02-02 18:27:29.000000] command timeouts: 6  
 2015-02-02 18:29:42.000 [2015-02-02 18:27:29.000000] out of window: 67  
 2015-02-02 18:29:42.000 written: HHZ-1279 HH1-1487 HH2-1455 BDH-453 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-02-02 18:29:42.000 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-26 LH2-27 LDH-36  
 VMZ-2 VM1-2

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2015-02-02 18:29:42.000 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-02 18:29:42.000 [2015-02-02 18:27:29.000000] Done: 4830 recs. seq end:
26151758. run: 352 s
2015-02-03 06:31:32.620
2015-02-03 06:31:32.620 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-03 06:31:32.620 Control Port 2491 Opened
2015-02-03 06:31:32.620 Baler ready on Ethernet
2015-02-03 06:31:32.620 Power Cycled Baler Acknowledged
2015-02-03 06:31:32.620 Commands Accepted by Q330
2015-02-03 06:31:32.620 Access timeout: 300 sec
2015-02-03 06:31:32.620 Control Port 4023 Opened
2015-02-03 06:31:32.620 Data Port 4024 Opened
2015-02-03 06:31:32.620 Registered with Q330
2015-02-03 06:31:32.620 Combination Record Received
2015-02-03 06:31:32.620 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-03 06:31:32.620 Link Reset, starting window sequence: 20332
2015-02-03 06:31:32.620 GPS Receiver ID Received
2015-02-03 06:31:32.620 Manufacturer's Data Received, Property Tag=2017
2015-02-03 06:31:32.620 Digitizer Gain & Offsets Received
2015-02-03 06:31:32.620 Msg From 192.168.200.119:Baler XX-2017 readback. 4830 recs.
seq end: 26151758
2015-02-03 06:31:32.620 Baler clock set to 2015-02-03 06:31:31
2015-02-03 06:31:32.620 Starting to Read DP Tokens
2015-02-03 06:31:32.620 DP Tokens loaded, size=1474 bytes
2015-02-03 06:31:32.620 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-03 06:31:32.620 filters & delay HH1:2@100,Linear all=0.320000
2015-02-03 06:31:32.620 filters & delay HH2:3@100,Linear all=0.320000
2015-02-03 06:31:32.620 filters & delay BDH:4@20,Linear all=1.650000
2015-02-03 06:31:32.620 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-03 06:31:32.620 filters & delay LH1:2@1,Linear all=15.000000
2015-02-03 06:31:32.620 filters & delay LH2:3@1,Linear all=15.000000
2015-02-03 06:31:32.620 filters & delay LDH:4@1,Linear all=15.000000
2015-02-03 06:31:32.620 [2015-02-02 18:27:29.000000] continuity found: 26151758
476216849.000000 Q=100
2015-02-03 06:31:32.620 [2015-02-02 18:27:29.000000] restoring continuity
2015-02-03 06:31:32.620 Sending DT_OPEN
2015-02-03 06:31:32.620 Station: XX-2017
2015-02-03 06:31:32.620 Q330 Serial Number: 0100000DB18FC351
2015-02-03 06:31:32.620 AMB Serial Number: 0100000B6909DD82
2015-02-03 06:31:32.620 Seismo 1 Serial Number: 0000000000000000
2015-02-03 06:31:32.620 Seismo 2 Serial Number: 0000000000000000
2015-02-03 06:31:32.620 QAPCHP 1 Serial Number: 4643206
2015-02-03 06:31:32.620 QAPCHP 2 Serial Number: 3743050
2015-02-03 06:31:32.620 KMI Property Tag Number: 2017
2015-02-03 06:31:32.620 System Software Version: 1.146
2015-02-03 06:31:32.620 Slave Processor Version: 1.11
2015-02-03 06:31:32.620 Calibrator Type: QCAL330
2015-02-03 06:31:32.620 Calibrator Version: 1.8
2015-02-03 06:31:32.620 Auxiliary Board Type: None
2015-02-03 06:31:32.620 Clock Type: Motorola M12
2015-02-03 06:31:32.620 PLD Version: 7.9
2015-02-03 06:31:32.620 Total Hours: 72419.11
2015-02-03 06:31:32.620 Power On Hours: 37049.50
2015-02-03 06:31:32.620 Time of Last Boot: 2014-04-06 02:03:58
2015-02-03 06:31:32.620 Total Number of Boots: 120
2015-02-03 06:31:32.620 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-03 06:31:32.620 Total Number of Re-Syncs: 213
2015-02-03 06:31:32.620 Status Inputs: 00000000
2015-02-03 06:31:32.620 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-03 06:31:32.620 Clock Quality: 100%
2015-02-03 06:31:32.620 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-03 06:31:32.620 Clock Phase: 1 usec. max allowed=50000
2015-02-03 06:31:32.620 Boom positions:

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2015-02-03 06:31:32.620 Ch1: -2 Ch2: -14 Ch3: 15 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-03 06:31:32.620 Analog Status
2015-02-03 06:31:32.620 Analog Positive Supply: 5.46V
2015-02-03 06:31:32.620 Input Voltage: 13.35V
2015-02-03 06:31:32.620 System Temperature: 5C
2015-02-03 06:31:32.620 Main Current: 62ma
2015-02-03 06:31:32.620 Antenna Current: 0ma
2015-02-03 06:31:32.620 GPS Status
2015-02-03 06:31:32.620 Time: 06:31:31
2015-02-03 06:31:32.620 Date:
2015-02-03 06:31:32.620 Fix Type: 1-D
2015-02-03 06:31:32.620 Height:
2015-02-03 06:31:32.620 Latitude:
2015-02-03 06:31:32.620 Longitude:
2015-02-03 06:31:32.620 On Time: 0min
2015-02-03 06:31:32.620 Sat. Used: 0
2015-02-03 06:31:32.620 In View: 0
2015-02-03 06:31:32.620 Checksum Errors: 0
2015-02-03 06:31:32.620 Last GPS timemark: 2015-02-03 06:31:30
2015-02-03 06:31:32.620 PLL Status
2015-02-03 06:31:32.620 State: Lock
2015-02-03 06:31:32.620 Initial VCO: 2201.999756
2015-02-03 06:31:32.620 Time Error: 0.000000
2015-02-03 06:31:32.620 RMS VCO: 0.0000000
2015-02-03 06:31:32.620 Best VCO: 2201.99
2015-02-03 06:31:32.620 Seconds Since Track or Lock: 0.0
2015-02-03 06:31:32.620 Vco Control: 2202
2015-02-03 06:31:32.620 timing mode: external seascan
2015-02-03 06:31:32.620 tempco normal
2015-02-03 06:31:32.620 PLL update: 10s PLL lock criterion: 5us
2015-02-03 06:31:32.620 Pfrac: 150.00
2015-02-03 06:31:32.620 VCO slope: -0.0175000
2015-02-03 06:31:32.620 VCO intercept: 7.1100001
2015-02-03 06:31:32.620 Km delta: 600.0000000
2015-02-03 06:31:32.620 Logical Port 4 Status
2015-02-03 06:31:32.620 Data Packets Sent: 30366625
2015-02-03 06:31:32.620 Flood Packets Sent: 0
2015-02-03 06:31:32.620 Packets Re-Sent: 48230
2015-02-03 06:31:32.620 Sequence Errors: 0
2015-02-03 06:31:32.620 Packet Buffer Used: 24841348
2015-02-03 06:31:32.620 Physical Port: Ethernet
2015-02-03 06:31:32.620 Baler Model: 14 Software Version: 2.28
2015-02-03 06:31:32.620 MAC Address: 00:04:FB:00:02:EA
2015-02-03 06:31:32.620 Disk Size: 20000669696
2015-02-03 06:31:32.620 Percent of 1177 data files in use: 57.7
2015-02-03 06:31:32.620 Channels Enabled: 1234 Preamps ON channels:
2015-02-03 06:31:32.620 Channel Sensitivities (uV per count):
2015-02-03 06:31:32.620 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-03 06:31:32.620 Digitizer Calibration Results:
2015-02-03 06:31:32.620 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-03 06:31:32.620 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-03 06:31:32.620 DMU1 Software Version=10
2015-02-03 06:31:32.620 Supply Voltage=12.6
2015-02-03 06:31:32.620 Supply Current=0.42
2015-02-03 06:31:32.620 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-03 06:31:32.620 WebLink Data Maps Restored
2015-02-03 06:31:32.620 [2015-02-02 18:27:29.000000] sequence resumes overlapping:
26151758 to 26151757
2015-02-03 06:31:32.620 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-02-03 06:31:31
2015-02-03 06:34:18.820 [2015-02-03 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-03 06:37:59.180 Reducing Status Polling Interval

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2015-02-03 06:37:59.180 [2015-02-03 06:37:57.999998] total packets received: 75621
2015-02-03 06:37:59.180 [2015-02-03 06:37:57.999998] command timeouts: 6
2015-02-03 06:37:59.180 [2015-02-03 06:37:57.999998] out of window: 77
2015-02-03 06:37:59.180 written: HHZ-1354 HH1-1582 HH2-1601 BDH-463 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-03 06:37:59.180 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-27 LH1-35 LH2-35 LDH-44
VMZ-2 VM1-2
2015-02-03 06:37:59.180 written: VM2-2 LOG-3 ACE-2 OCF-3
2015-02-03 06:37:59.180 [2015-02-03 06:37:57.999998] Done: 5190 recs. seq end:
26195587. run: 383 s
2015-02-03 18:38:51.640
2015-02-03 18:38:51.640 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-03 18:38:51.640 Control Port 2491 Opened
2015-02-03 18:38:51.640 Baler ready on Ethernet
2015-02-03 18:38:51.640 Power Cycled Baler Acknowledged
2015-02-03 18:38:51.640 Commands Accepted by Q330
2015-02-03 18:38:51.640 Access timeout: 300 sec
2015-02-03 18:38:51.640 Control Port 4023 Opened
2015-02-03 18:38:51.640 Data Port 4024 Opened
2015-02-03 18:38:51.640 Registered with Q330
2015-02-03 18:38:51.640 Combination Record Received
2015-02-03 18:38:51.640 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-03 18:38:51.640 Link Reset, starting window sequence: 30301
2015-02-03 18:38:51.640 GPS Receiver ID Received
2015-02-03 18:38:51.640 Manufacturer's Data Received, Property Tag=2017
2015-02-03 18:38:51.640 Digitizer Gain & Offsets Received
2015-02-03 18:38:51.640 Msg From 192.168.200.119:Baler XX-2017 readback. 5190 recs.
seq end: 26195587
2015-02-03 18:38:51.640 Baler clock set to 2015-02-03 18:38:50
2015-02-03 18:38:51.640 Starting to Read DP Tokens
2015-02-03 18:38:51.640 DP Tokens loaded, size=1474 bytes
2015-02-03 18:38:51.640 webserver advertising 192.168.200.119:5380
2015-02-03 18:38:51.640 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-03 18:38:51.640 filters & delay HH1:2@100,Linear all=0.320000
2015-02-03 18:38:51.640 filters & delay HH2:3@100,Linear all=0.320000
2015-02-03 18:38:51.640 filters & delay BDH:4@20,Linear all=1.650000
2015-02-03 18:38:51.640 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-03 18:38:51.640 filters & delay LH1:2@1,Linear all=15.000000
2015-02-03 18:38:51.640 filters & delay LH2:3@1,Linear all=15.000000
2015-02-03 18:38:51.640 filters & delay LDH:4@1,Linear all=15.000000
2015-02-03 18:38:51.640 [2015-02-03 06:37:57.999998] continuity found: 26195587
476260678.000000 Q=100
2015-02-03 18:38:51.640 [2015-02-03 06:37:57.999998] restoring continuity
2015-02-03 18:38:51.640 Sending DT_OPEN
2015-02-03 18:38:51.640 Station: XX-2017
2015-02-03 18:38:51.640 Q330 Serial Number: 0100000DB18FC351
2015-02-03 18:38:51.640 AMB Serial Number: 0100000B6909DD82
2015-02-03 18:38:51.640 Seismo 1 Serial Number: 0000000000000000
2015-02-03 18:38:51.640 Seismo 2 Serial Number: 0000000000000000
2015-02-03 18:38:51.640 QAPCHP 1 Serial Number: 4643206
2015-02-03 18:38:51.640 QAPCHP 2 Serial Number: 3743050
2015-02-03 18:38:51.640 KMI Property Tag Number: 2017
2015-02-03 18:38:51.640 System Software Version: 1.146
2015-02-03 18:38:51.640 Slave Processor Version: 1.11
2015-02-03 18:38:51.640 Calibrator Type: QCAL330
2015-02-03 18:38:51.640 Calibrator Version: 1.8
2015-02-03 18:38:51.640 Auxiliary Board Type: None
2015-02-03 18:38:51.640 Clock Type: Motorola M12
2015-02-03 18:38:51.640 PLD Version: 7.9
2015-02-03 18:38:51.640 Total Hours: 72431.24
2015-02-03 18:38:51.640 Power On Hours: 37061.62
2015-02-03 18:38:51.640 Time of Last Boot: 2014-04-06 02:03:58
2015-02-03 18:38:51.640 Total Number of Boots: 120

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2015-02-03 18:38:51.640 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-03 18:38:51.640 Total Number of Re-Syncs: 213  
 2015-02-03 18:38:51.640 Status Inputs: 00000000  
 2015-02-03 18:38:51.640 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-03 18:38:51.640 Clock Quality: 100%  
 2015-02-03 18:38:51.640 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-03 18:38:51.640 Clock Phase: 0 usec. max allowed=50000  
 2015-02-03 18:38:51.640 Boom positions:  
 2015-02-03 18:38:51.640 Ch1: -2 Ch2: -15 Ch3: 15 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-03 18:38:51.640 Analog Status  
 2015-02-03 18:38:51.640 Analog Positive Supply: 5.46V  
 2015-02-03 18:38:51.640 Input Voltage: 13.20V  
 2015-02-03 18:38:51.640 System Temperature: 5C  
 2015-02-03 18:38:51.640 Main Current: 63ma  
 2015-02-03 18:38:51.640 Antenna Current: 0ma  
 2015-02-03 18:38:51.640 GPS Status  
 2015-02-03 18:38:51.640 Time: 18:38:50  
 2015-02-03 18:38:51.640 Date:  
 2015-02-03 18:38:51.640 Fix Type: 1-D  
 2015-02-03 18:38:51.640 Height:  
 2015-02-03 18:38:51.640 Latitude:  
 2015-02-03 18:38:51.640 Longitude:  
 2015-02-03 18:38:51.640 On Time: 0min  
 2015-02-03 18:38:51.640 Sat. Used: 0  
 2015-02-03 18:38:51.640 In View: 0  
 2015-02-03 18:38:51.640 Checksum Errors: 0  
 2015-02-03 18:38:51.640 Last GPS timemark: 2015-02-03 18:38:49  
 2015-02-03 18:38:51.640 PLL Status  
 2015-02-03 18:38:51.640 State: Lock  
 2015-02-03 18:38:51.640 Initial VCO: 2202.123047  
 2015-02-03 18:38:51.640 Time Error: 0.000000  
 2015-02-03 18:38:51.640 RMS VCO: 0.000000  
 2015-02-03 18:38:51.640 Best VCO: 2202.06  
 2015-02-03 18:38:51.640 Seconds Since Track or Lock: 0.0  
 2015-02-03 18:38:51.640 Vco Control: 2202  
 2015-02-03 18:38:51.640 timing mode: external seascan  
 2015-02-03 18:38:51.640 tempco normal  
 2015-02-03 18:38:51.640 PLL update: 10s PLL lock criterion: 5us  
 2015-02-03 18:38:51.640 Pfrac: 150.00  
 2015-02-03 18:38:51.640 VCO slope: -0.0175000  
 2015-02-03 18:38:51.640 VCO intercept: 7.1100001  
 2015-02-03 18:38:51.640 Km delta: 600.000000  
 2015-02-03 18:38:51.640 Logical Port 4 Status  
 2015-02-03 18:38:51.640 Data Packets Sent: 30442136  
 2015-02-03 18:38:51.640 Flood Packets Sent: 0  
 2015-02-03 18:38:51.640 Packets Re-Sent: 48323  
 2015-02-03 18:38:51.640 Sequence Errors: 0  
 2015-02-03 18:38:51.640 Packet Buffer Used: 24977100  
 2015-02-03 18:38:51.640 Physical Port: Ethernet  
 2015-02-03 18:38:51.640 Baler Model: 14 Software Version: 2.28  
 2015-02-03 18:38:51.640 MAC Address: 00:04:FB:00:02:EA  
 2015-02-03 18:38:51.640 Disk Size: 20000669696  
 2015-02-03 18:38:51.640 Percent of 1177 data files in use: 57.7  
 2015-02-03 18:38:51.640 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-03 18:38:51.640 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-03 18:38:51.640 Digitizer Calibration Results:  
 2015-02-03 18:38:51.640 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-03 18:38:51.640 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-03 18:38:51.640 DMU1 Software Version=10  
 2015-02-03 18:38:51.640 Supply Voltage=12.6  
 2015-02-03 18:38:51.640 Supply Current=0.42  
 2015-02-03 18:38:51.640 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-03 18:38:51.640 webLink Data Maps Restored

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2015-02-03 18:38:51.640 [2015-02-03 06:37:57.999998] sequence resumes: 26195587 to
26195587
2015-02-03 18:38:51.640 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-03 18:38:50
2015-02-03 18:45:22.160 [2015-02-03 18:35:53.000000] total packets received: 79284
2015-02-03 18:45:22.160 [2015-02-03 18:35:53.000000] command timeouts: 6
2015-02-03 18:45:22.160 [2015-02-03 18:35:53.000000] out of window: 81
2015-02-03 18:45:22.160 written: HHZ-1357 HH1-1595 HH2-1562 BDH-455 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-02-03 18:45:22.160 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-30 LH1-39 LH2-39 LDH-45
VMZ-1 VM1-1
2015-02-03 18:45:22.160 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-03 18:45:22.160 [2015-02-03 18:35:53.000000] Done: 5162 recs. seq end:
26238662. run: 387 s
2015-02-04 06:46:15.600
2015-02-04 06:46:15.600 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-04 06:46:15.600 Control Port 2491 Opened
2015-02-04 06:46:15.600 Baler ready on Ethernet
2015-02-04 06:46:15.600 Power Cycled Baler Acknowledged
2015-02-04 06:46:15.600 Commands Accepted by Q330
2015-02-04 06:46:15.600 Access timeout: 300 sec
2015-02-04 06:46:15.600 Control Port 4023 Opened
2015-02-04 06:46:15.600 Data Port 4024 Opened
2015-02-04 06:46:15.600 Registered with Q330
2015-02-04 06:46:15.600 Combination Record Received
2015-02-04 06:46:15.600 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-04 06:46:15.600 Link Reset, starting window sequence: 43930
2015-02-04 06:46:15.600 GPS Receiver ID Received
2015-02-04 06:46:15.600 Manufacturer's Data Received, Property Tag=2017
2015-02-04 06:46:15.600 Digitizer Gain & Offsets Received
2015-02-04 06:46:15.600 Msg From 192.168.200.119:Baler XX-2017 readback. 5162 recs.
seq end: 26238662
2015-02-04 06:46:15.600 Baler clock set to 2015-02-04 06:46:14
2015-02-04 06:46:15.600 Starting to Read DP Tokens
2015-02-04 06:46:15.600 DP Tokens loaded, size=1474 bytes
2015-02-04 06:46:15.600 Webserver advertising 192.168.200.119:5380
2015-02-04 06:46:15.600 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-04 06:46:15.600 filters & delay HH1:2@100,Linear all=0.320000
2015-02-04 06:46:15.600 filters & delay HH2:3@100,Linear all=0.320000
2015-02-04 06:46:15.600 filters & delay BDH:4@20,Linear all=1.650000
2015-02-04 06:46:15.600 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-04 06:46:15.600 filters & delay LH1:2@1,Linear all=15.000000
2015-02-04 06:46:15.600 filters & delay LH2:3@1,Linear all=15.000000
2015-02-04 06:46:15.600 filters & delay LDH:4@1,Linear all=15.000000
2015-02-04 06:46:15.600 [2015-02-03 18:35:53.000000] continuity found: 26238662
476303753.000000 Q=100
2015-02-04 06:46:15.600 [2015-02-03 18:35:53.000000] restoring continuity
2015-02-04 06:46:15.600 Sending DT_OPEN
2015-02-04 06:46:15.600 Station: XX-2017
2015-02-04 06:46:15.600 Q330 Serial Number: 0100000DB18FC351
2015-02-04 06:46:15.600 AMB Serial Number: 0100000B6909DD82
2015-02-04 06:46:15.600 Seismo 1 Serial Number: 0000000000000000
2015-02-04 06:46:15.600 Seismo 2 Serial Number: 0000000000000000
2015-02-04 06:46:15.600 QAPCHP 1 Serial Number: 4643206
2015-02-04 06:46:15.600 QAPCHP 2 Serial Number: 3743050
2015-02-04 06:46:15.600 KMI Property Tag Number: 2017
2015-02-04 06:46:15.600 System Software Version: 1.146
2015-02-04 06:46:15.600 Slave Processor Version: 1.11
2015-02-04 06:46:15.600 Calibrator Type: QCAL330
2015-02-04 06:46:15.600 Calibrator Version: 1.8
2015-02-04 06:46:15.600 Auxiliary Board Type: None
2015-02-04 06:46:15.600 Clock Type: Motorola M12
2015-02-04 06:46:15.600 PLD Version: 7.9

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2015-02-04 06:46:15.600 Total Hours: 72443.36  
 2015-02-04 06:46:15.600 Power On Hours: 37073.74  
 2015-02-04 06:46:15.600 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-04 06:46:15.600 Total Number of Boots: 120  
 2015-02-04 06:46:15.600 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-04 06:46:15.600 Total Number of Re-Syncs: 213  
 2015-02-04 06:46:15.600 Status Inputs: 00000000  
 2015-02-04 06:46:15.600 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-04 06:46:15.600 Clock Quality: 100%  
 2015-02-04 06:46:15.600 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-04 06:46:15.600 Clock Phase: 1 usec. max allowed=50000  
 2015-02-04 06:46:15.600 Boom positions:  
 2015-02-04 06:46:15.600 ch1: -2 ch2: 9 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2015-02-04 06:46:15.600 Analog Status  
 2015-02-04 06:46:15.600 Analog Positive Supply: 5.46V  
 2015-02-04 06:46:15.600 Input Voltage: 13.20V  
 2015-02-04 06:46:15.600 System Temperature: 5C  
 2015-02-04 06:46:15.600 Main Current: 63ma  
 2015-02-04 06:46:15.600 Antenna Current: 0ma  
 2015-02-04 06:46:15.600 GPS Status  
 2015-02-04 06:46:15.600 Time: 06:46:14  
 2015-02-04 06:46:15.600 Date:  
 2015-02-04 06:46:15.600 Fix Type: 1-D  
 2015-02-04 06:46:15.600 Height:  
 2015-02-04 06:46:15.600 Latitude:  
 2015-02-04 06:46:15.600 Longitude:  
 2015-02-04 06:46:15.600 On Time: 0min  
 2015-02-04 06:46:15.600 Sat. Used: 0  
 2015-02-04 06:46:15.600 In View: 0  
 2015-02-04 06:46:15.600 Checksum Errors: 0  
 2015-02-04 06:46:15.600 Last GPS timemark: 2015-02-04 06:46:13  
 2015-02-04 06:46:15.600 PLL Status  
 2015-02-04 06:46:15.600 State: Lock  
 2015-02-04 06:46:15.600 Initial VCO: 2202.105957  
 2015-02-04 06:46:15.600 Time Error: 0.000000  
 2015-02-04 06:46:15.600 RMS VCO: 0.000000  
 2015-02-04 06:46:15.600 Best VCO: 2201.97  
 2015-02-04 06:46:15.600 Seconds Since Track or Lock: 0.0  
 2015-02-04 06:46:15.600 Vco Control: 2202  
 2015-02-04 06:46:15.600 timing mode: external seascan  
 2015-02-04 06:46:15.600 tempco normal  
 2015-02-04 06:46:15.600 PLL update: 10s PLL lock criterion: 5us  
 2015-02-04 06:46:15.600 Pfrac: 150.00  
 2015-02-04 06:46:15.600 VCO slope: -0.0175000  
 2015-02-04 06:46:15.600 VCO intercept: 7.1100001  
 2015-02-04 06:46:15.600 km delta: 600.0000000  
 2015-02-04 06:46:15.600 Logical Port 4 Status  
 2015-02-04 06:46:15.600 Data Packets Sent: 30521306  
 2015-02-04 06:46:15.600 Flood Packets Sent: 0  
 2015-02-04 06:46:15.600 Packets Re-Sent: 48415  
 2015-02-04 06:46:15.600 Sequence Errors: 0  
 2015-02-04 06:46:15.600 Packet Buffer Used: 23165276  
 2015-02-04 06:46:15.600 Physical Port: Ethernet  
 2015-02-04 06:46:15.600 Baler Model: 14 Software Version: 2.28  
 2015-02-04 06:46:15.600 MAC Address: 00:04:FB:00:02:EA  
 2015-02-04 06:46:15.600 Disk Size: 20000669696  
 2015-02-04 06:46:15.600 Percent of 1177 data files in use: 57.8  
 2015-02-04 06:46:15.600 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-04 06:46:15.600 Channel sensitivities (uV per count):  
 2015-02-04 06:46:15.600 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-04 06:46:15.600 Digitizer Calibration Results:  
 2015-02-04 06:46:15.600 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-04 06:46:15.600 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2015-02-04 06:46:15.600 DMU1 Software Version=10
2015-02-04 06:46:15.600 Supply Voltage=12.6
2015-02-04 06:46:15.600 Supply Current=0.41
2015-02-04 06:46:15.600 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-04 06:46:15.600 WebLink Data Maps Restored
2015-02-04 06:46:15.600 [2015-02-03 18:35:53.000000] sequence resumes: 26238662 to
26238662
2015-02-04 06:46:15.600 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-04 06:46:14
2015-02-04 06:48:55.650 [2015-02-04 00:00:00.000000] saving Configuration to Backup
Memory
2015-02-04 06:52:04.870 [2015-02-04 06:52:04.000000] total packets received: 54772
2015-02-04 06:52:04.870 [2015-02-04 06:52:04.000000] command timeouts: 6
2015-02-04 06:52:04.870 [2015-02-04 06:52:04.000000] out of window: 62
2015-02-04 06:52:04.870 written: HHZ-1234 HH1-1430 HH2-1466 BDH-461 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-04 06:52:04.870 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-30 LH2-31 LDH-42
VMZ-2 VM1-2
2015-02-04 06:52:04.870 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-02-04 06:52:04.870 [2015-02-04 06:52:04.000000] Done: 4766 recs. seq end:
26282833. run: 345 s
2015-02-04 18:52:58.640
2015-02-04 18:52:58.640 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-04 18:52:58.640 Control Port 2491 Opened
2015-02-04 18:52:58.640 Baler ready on Ethernet
2015-02-04 18:52:58.640 Power Cycled Baler Acknowledged
2015-02-04 18:52:58.640 Commands Accepted by Q330
2015-02-04 18:52:58.640 Access timeout: 300 sec
2015-02-04 18:52:58.640 Control Port 4023 Opened
2015-02-04 18:52:58.640 Data Port 4024 Opened
2015-02-04 18:52:58.640 Registered with Q330
2015-02-04 18:52:58.640 Combination Record Received
2015-02-04 18:52:58.640 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-04 18:52:58.640 Link Reset, starting window sequence: 33068
2015-02-04 18:52:58.640 GPS Receiver ID Received
2015-02-04 18:52:58.640 Manufacturer's Data Received, Property Tag=2017
2015-02-04 18:52:58.640 Digitizer Gain & Offsets Received
2015-02-04 18:52:58.640 Msg From 192.168.200.119:Baler XX-2017 readback. 4766 recs.
seq end: 26282833
2015-02-04 18:52:58.640 Baler clock set to 2015-02-04 18:52:57
2015-02-04 18:52:58.640 Starting to Read DP Tokens
2015-02-04 18:52:58.640 DP Tokens loaded, size=1474 bytes
2015-02-04 18:52:58.640 webserver advertising 192.168.200.119:5380
2015-02-04 18:52:58.640 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-04 18:52:58.640 filters & delay HH1:2@100,Linear all=0.320000
2015-02-04 18:52:58.640 filters & delay HH2:3@100,Linear all=0.320000
2015-02-04 18:52:58.640 filters & delay BDH:4@20,Linear all=1.650000
2015-02-04 18:52:58.640 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-04 18:52:58.640 filters & delay LH1:2@1,Linear all=15.000000
2015-02-04 18:52:58.640 filters & delay LH2:3@1,Linear all=15.000000
2015-02-04 18:52:58.640 filters & delay LDH:4@1,Linear all=15.000000
2015-02-04 18:52:58.640 [2015-02-04 06:52:04.000000] continuity found: 26282833
476347924.000000 Q=100
2015-02-04 18:52:58.640 [2015-02-04 06:52:04.000000] restoring continuity
2015-02-04 18:52:58.640 Sending DT_OPEN
2015-02-04 18:52:58.640 Station: XX-2017
2015-02-04 18:52:58.640 Q330 Serial Number: 0100000DB18FC351
2015-02-04 18:52:58.640 AMB Serial Number: 0100000B6909DD82
2015-02-04 18:52:58.640 Seismo 1 Serial Number: 0000000000000000
2015-02-04 18:52:58.640 Seismo 2 Serial Number: 0000000000000000
2015-02-04 18:52:58.640 QAPCHP 1 Serial Number: 4643206
2015-02-04 18:52:58.640 QAPCHP 2 Serial Number: 3743050
2015-02-04 18:52:58.640 KMI Property Tag Number: 2017

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2015-02-04 18:52:58.640 System Software Version: 1.146  
 2015-02-04 18:52:58.640 Slave Processor Version: 1.11  
 2015-02-04 18:52:58.640 Calibrator Type: QCAL330  
 2015-02-04 18:52:58.640 Calibrator Version: 1.8  
 2015-02-04 18:52:58.640 Auxiliary Board Type: None  
 2015-02-04 18:52:58.640 Clock Type: Motorola M12  
 2015-02-04 18:52:58.640 PLD Version: 7.9  
 2015-02-04 18:52:58.640 Total Hours: 72455.47  
 2015-02-04 18:52:58.640 Power On Hours: 37085.86  
 2015-02-04 18:52:58.640 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-04 18:52:58.640 Total Number of Boots: 120  
 2015-02-04 18:52:58.640 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-04 18:52:58.640 Status Inputs: 00000000  
 2015-02-04 18:52:58.640 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-04 18:52:58.640 Clock Quality: 100%  
 2015-02-04 18:52:58.640 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-04 18:52:58.640 Clock Phase: 0 usec. max allowed=50000  
 2015-02-04 18:52:58.640 Boom positions:  
 2015-02-04 18:52:58.640 ch1: -2 ch2: 9 ch3: -2 ch4: 20 ch5: 20 ch6: 20  
 2015-02-04 18:52:58.640 Analog Status  
 2015-02-04 18:52:58.640 Analog Positive Supply: 5.46V  
 2015-02-04 18:52:58.640 Input Voltage: 13.20V  
 2015-02-04 18:52:58.640 System Temperature: 5C  
 2015-02-04 18:52:58.640 Main Current: 63ma  
 2015-02-04 18:52:58.640 Antenna Current: 0ma  
 2015-02-04 18:52:58.640 GPS Status  
 2015-02-04 18:52:58.640 Time: 18:52:56  
 2015-02-04 18:52:58.640 Date:  
 2015-02-04 18:52:58.640 Fix Type: 1-D  
 2015-02-04 18:52:58.640 Height:  
 2015-02-04 18:52:58.640 Latitude:  
 2015-02-04 18:52:58.640 Longitude:  
 2015-02-04 18:52:58.640 On Time: 0min  
 2015-02-04 18:52:58.640 Sat. Used: 0  
 2015-02-04 18:52:58.640 In View: 0  
 2015-02-04 18:52:58.640 Checksum Errors: 0  
 2015-02-04 18:52:58.640 Last GPS timemark: 2015-02-04 18:52:55  
 2015-02-04 18:52:58.640 PLL Status  
 2015-02-04 18:52:58.640 State: Lock  
 2015-02-04 18:52:58.640 Initial VCO: 2201.784180  
 2015-02-04 18:52:58.640 Time Error: 0.000000  
 2015-02-04 18:52:58.640 RMS VCO: 0.000000  
 2015-02-04 18:52:58.640 Best VCO: 2201.77  
 2015-02-04 18:52:58.640 Seconds Since Track or Lock: 0.0  
 2015-02-04 18:52:58.640 Vco Control: 2202  
 2015-02-04 18:52:58.640 timing mode: external seascan  
 2015-02-04 18:52:58.640 tempco normal  
 2015-02-04 18:52:58.640 PLL update: 10s PLL lock criterion: 5us  
 2015-02-04 18:52:58.640 Pfrac: 150.00  
 2015-02-04 18:52:58.640 VCO slope: -0.0175000  
 2015-02-04 18:52:58.640 VCO intercept: 7.1100001  
 2015-02-04 18:52:58.640 km delta: 600.0000000  
 2015-02-04 18:52:58.640 Logical Port 4 Status  
 2015-02-04 18:52:58.640 Data Packets Sent: 30575985  
 2015-02-04 18:52:58.640 Flood Packets Sent: 0  
 2015-02-04 18:52:58.640 Packets Re-Sent: 48492  
 2015-02-04 18:52:58.640 Sequence Errors: 0  
 2015-02-04 18:52:58.640 Packet Buffer Used: 22068972  
 2015-02-04 18:52:58.640 Physical Port: Ethernet  
 2015-02-04 18:52:58.640 Baler Model: 14 Software Version: 2.28  
 2015-02-04 18:52:58.640 MAC Address: 00:04:FB:00:02:EA  
 2015-02-04 18:52:58.640 Disk Size: 20000669696  
 2015-02-04 18:52:58.640 Percent of 1177 data files in use: 57.9

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2015-02-04 18:52:58.640 Channels Enabled: 1234 Preamps ON channels:
2015-02-04 18:52:58.640 Channel Sensitivities (uV per count):
2015-02-04 18:52:58.640 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-04 18:52:58.640 Digitizer Calibration Results:
2015-02-04 18:52:58.640 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-04 18:52:58.640 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-04 18:52:58.640 DMU1 Software Version=10
2015-02-04 18:52:58.640 Supply Voltage=12.6
2015-02-04 18:52:58.640 Supply Current=0.41
2015-02-04 18:52:58.640 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-04 18:52:58.640 WebLink Data Maps Restored
2015-02-04 18:52:58.640 [2015-02-04 06:52:04.000000] sequence resumes: 26282833 to
26282833
2015-02-04 18:52:58.640 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-04 18:52:57
2015-02-04 18:58:28.030 [2015-02-04 18:50:16.000000] total packets received: 48020
2015-02-04 18:58:28.030 [2015-02-04 18:50:16.000000] command timeouts: 6
2015-02-04 18:58:28.030 [2015-02-04 18:50:16.000000] out of window: 68
2015-02-04 18:58:28.030 written: HHZ-1152 HH1-1388 HH2-1320 BDH-434 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-02-04 18:58:28.030 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-31
VMZ-2 VM1-2
2015-02-04 18:58:28.030 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-04 18:58:28.030 [2015-02-04 18:50:16.000000] Done: 4442 recs. seq end:
26325925. run: 325 s
2015-02-05 06:59:21.580
2015-02-05 06:59:21.580 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-05 06:59:21.580 Control Port 2491 Opened
2015-02-05 06:59:21.580 Baler ready on Ethernet
2015-02-05 06:59:21.580 Power Cycled Baler Acknowledged
2015-02-05 06:59:21.580 Commands Accepted by Q330
2015-02-05 06:59:21.580 Access timeout: 300 sec
2015-02-05 06:59:21.580 Control Port 4023 Opened
2015-02-05 06:59:21.580 Data Port 4024 Opened
2015-02-05 06:59:21.580 Registered with Q330
2015-02-05 06:59:21.580 Combination Record Received
2015-02-05 06:59:21.580 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-05 06:59:21.580 Link Reset, starting window sequence: 15449
2015-02-05 06:59:21.580 GPS Receiver ID Received
2015-02-05 06:59:21.580 Manufacturer's Data Received, Property Tag=2017
2015-02-05 06:59:21.580 Digitizer Gain & Offsets Received
2015-02-05 06:59:21.580 Msg From 192.168.200.119:Baler XX-2017 readback. 4442 recs.
seq end: 26325925
2015-02-05 06:59:21.580 Baler clock set to 2015-02-05 06:59:20
2015-02-05 06:59:21.580 Starting to Read DP Tokens
2015-02-05 06:59:21.580 DP Tokens loaded, size=1474 bytes
2015-02-05 06:59:21.580 webserver advertising 192.168.200.119:5380
2015-02-05 06:59:21.580 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-05 06:59:21.580 filters & delay HH1:2@100,Linear all=0.320000
2015-02-05 06:59:21.580 filters & delay HH2:3@100,Linear all=0.320000
2015-02-05 06:59:21.580 filters & delay BDH:4@20,Linear all=1.650000
2015-02-05 06:59:21.580 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-05 06:59:21.580 filters & delay LH1:2@1,Linear all=15.000000
2015-02-05 06:59:21.580 filters & delay LH2:3@1,Linear all=15.000000
2015-02-05 06:59:21.580 filters & delay LDH:4@1,Linear all=15.000000
2015-02-05 06:59:21.580 [2015-02-04 18:50:16.000000] continuity found: 26325925
476391016.000000 Q=100
2015-02-05 06:59:21.580 [2015-02-04 18:50:16.000000] restoring continuity
2015-02-05 06:59:21.580 Sending DT_OPEN
2015-02-05 06:59:21.580 Station: XX-2017
2015-02-05 06:59:21.580 Q330 Serial Number: 0100000DB18FC351
2015-02-05 06:59:21.580 AMB Serial Number: 0100000B6909DD82
2015-02-05 06:59:21.580 Seismo 1 Serial Number: 0000000000000000

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2015-02-05 06:59:21.580 Seismo 2 Serial Number: 0000000000000000  
 2015-02-05 06:59:21.580 QAPCHP 1 Serial Number: 4643206  
 2015-02-05 06:59:21.580 QAPCHP 2 Serial Number: 3743050  
 2015-02-05 06:59:21.580 KMI Property Tag Number: 2017  
 2015-02-05 06:59:21.580 System Software Version: 1.146  
 2015-02-05 06:59:21.580 Slave Processor Version: 1.11  
 2015-02-05 06:59:21.580 Calibrator Type: QCAL330  
 2015-02-05 06:59:21.580 Calibrator Version: 1.8  
 2015-02-05 06:59:21.580 Auxiliary Board Type: None  
 2015-02-05 06:59:21.580 Clock Type: Motorola M12  
 2015-02-05 06:59:21.580 PLD Version: 7.9  
 2015-02-05 06:59:21.580 Total Hours: 72467.58  
 2015-02-05 06:59:21.580 Power On Hours: 37097.96  
 2015-02-05 06:59:21.580 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-05 06:59:21.580 Total Number of Boots: 120  
 2015-02-05 06:59:21.580 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-05 06:59:21.580 Total Number of Re-Syncs: 213  
 2015-02-05 06:59:21.580 Status Inputs: 00000000  
 2015-02-05 06:59:21.580 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-02-05 06:59:21.580 Clock Quality: 100%  
 2015-02-05 06:59:21.580 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-05 06:59:21.580 Clock Phase: 0 usec. max allowed=50000  
 2015-02-05 06:59:21.580 Boom positions:  
 2015-02-05 06:59:21.580 Ch1: -2 Ch2: 8 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-05 06:59:21.580 Analog Status  
 2015-02-05 06:59:21.580 Analog Positive Supply: 5.46v  
 2015-02-05 06:59:21.580 Input Voltage: 13.35V  
 2015-02-05 06:59:21.580 System Temperature: 5C  
 2015-02-05 06:59:21.580 Main Current: 64ma  
 2015-02-05 06:59:21.580 Antenna Current: 0ma  
 2015-02-05 06:59:21.580 GPS Status  
 2015-02-05 06:59:21.580 Time: 06:59:20  
 2015-02-05 06:59:21.580 Date:  
 2015-02-05 06:59:21.580 Fix Type: 1-D  
 2015-02-05 06:59:21.580 Height:  
 2015-02-05 06:59:21.580 Latitude:  
 2015-02-05 06:59:21.580 Longitude:  
 2015-02-05 06:59:21.580 On Time: 0min  
 2015-02-05 06:59:21.580 Sat. Used: 0  
 2015-02-05 06:59:21.580 In View: 0  
 2015-02-05 06:59:21.580 Checksum Errors: 0  
 2015-02-05 06:59:21.580 Last GPS timemark: 2015-02-05 06:59:19  
 2015-02-05 06:59:21.580 PLL Status  
 2015-02-05 06:59:21.580 State: Lock  
 2015-02-05 06:59:21.580 Initial VCO: 2201.926514  
 2015-02-05 06:59:21.580 Time Error: 0.000000  
 2015-02-05 06:59:21.580 RMS VCO: 0.000000  
 2015-02-05 06:59:21.580 Best VCO: 2201.95  
 2015-02-05 06:59:21.580 Seconds Since Track or Lock: 0.0  
 2015-02-05 06:59:21.580 Vco Control: 2202  
 2015-02-05 06:59:21.580 timing mode: external seascan  
 2015-02-05 06:59:21.580 tempco normal  
 2015-02-05 06:59:21.580 PLL update: 10s PLL lock criterion: 5us  
 2015-02-05 06:59:21.580 Pfrac: 150.00  
 2015-02-05 06:59:21.580 VCO slope: -0.0175000  
 2015-02-05 06:59:21.580 VCO intercept: 7.1100001  
 2015-02-05 06:59:21.580 km delta: 600.0000000  
 2015-02-05 06:59:21.580 Logical Port 4 Status  
 2015-02-05 06:59:21.580 Data Packets Sent: 30623907  
 2015-02-05 06:59:21.580 Flood Packets Sent: 0  
 2015-02-05 06:59:21.580 Packets Re-Sent: 48576  
 2015-02-05 06:59:21.580 Sequence Errors: 0  
 2015-02-05 06:59:21.580 Packet Buffer Used: 22785368

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2015-02-05 06:59:21.580 Physical Port: Ethernet  
 2015-02-05 06:59:21.580 Baler Model: 14 Software Version: 2.28  
 2015-02-05 06:59:21.580 MAC Address: 00:04:FB:00:02:EA  
 2015-02-05 06:59:21.580 Disk Size: 20000669696  
 2015-02-05 06:59:21.580 Percent of 1177 data files in use: 57.9  
 2015-02-05 06:59:21.580 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-05 06:59:21.580 Channel Sensitivities (uV per count):  
 2015-02-05 06:59:21.580 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-05 06:59:21.580 Digitizer Calibration Results:  
 2015-02-05 06:59:21.580 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-05 06:59:21.580 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-05 06:59:21.580 DMU1 Software Version=10  
 2015-02-05 06:59:21.580 Supply Voltage=12.7  
 2015-02-05 06:59:21.580 Supply Current=0.41  
 2015-02-05 06:59:21.580 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-05 06:59:21.580 WebLink Data Maps Restored  
 2015-02-05 06:59:21.580 [2015-02-04 18:50:16.000000] sequence resumes: 26325925 to 26325925  
 2015-02-05 06:59:21.580 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-05 06:59:20  
 2015-02-05 07:01:44.170 [2015-02-05 00:00:00.000000] Saving Configuration to Backup Memory  
 2015-02-05 07:05:01.850 Reducing Status Polling Interval  
 2015-02-05 07:05:01.850 [2015-02-05 07:05:00.999998] total packets received: 51941  
 2015-02-05 07:05:01.850 [2015-02-05 07:05:00.999998] command timeouts: 6  
 2015-02-05 07:05:01.850 [2015-02-05 07:05:00.999998] out of window: 65  
 2015-02-05 07:05:01.850 written: HHZ-1197 HH1-1460 HH2-1411 BDH-436 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-02-05 07:05:01.850 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-24  
 VMZ-1 VM1-1  
 2015-02-05 07:05:01.850 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-02-05 07:05:01.850 [2015-02-05 07:05:00.999998] Done: 4645 recs. seq end: 26370010. run: 336 s  
 2015-02-05 19:05:56.610  
 2015-02-05 19:05:56.610 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-05 19:05:56.610 Control Port 2491 Opened  
 2015-02-05 19:05:56.610 Baler ready on Ethernet  
 2015-02-05 19:05:56.610 Power Cycled Baler Acknowledged  
 2015-02-05 19:05:56.610 Commands Accepted by Q330  
 2015-02-05 19:05:56.610 Access timeout: 300 sec  
 2015-02-05 19:05:56.610 Control Port 4023 Opened  
 2015-02-05 19:05:56.610 Data Port 4024 Opened  
 2015-02-05 19:05:56.610 Registered with Q330  
 2015-02-05 19:05:56.610 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-05 19:05:56.610 Link Reset, starting window sequence: 1753  
 2015-02-05 19:05:56.610 GPS Receiver ID Received  
 2015-02-05 19:05:56.610 Manufacturer's Data Received, Property Tag=2017  
 2015-02-05 19:05:56.610 Digitizer Gain & Offsets Received  
 2015-02-05 19:05:56.610 Msg From 192.168.200.119:Baler XX-2017 readback. 4645 recs. seq end: 26370010  
 2015-02-05 19:05:56.610 Baler clock set to 2015-02-05 19:05:55  
 2015-02-05 19:05:56.610 Starting to Read DP Tokens  
 2015-02-05 19:05:56.610 DP Tokens loaded, size=1474 bytes  
 2015-02-05 19:05:56.610 webserver advertising 192.168.200.119:5380  
 2015-02-05 19:05:56.610 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-02-05 19:05:56.610 filters & delay HH1:2@100,Linear all=0.320000  
 2015-02-05 19:05:56.610 filters & delay HH2:3@100,Linear all=0.320000  
 2015-02-05 19:05:56.610 filters & delay BDH:4@20,Linear all=1.650000  
 2015-02-05 19:05:56.610 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-02-05 19:05:56.610 filters & delay LH1:2@1,Linear all=15.000000  
 2015-02-05 19:05:56.610 filters & delay LH2:3@1,Linear all=15.000000  
 2015-02-05 19:05:56.610 filters & delay LDH:4@1,Linear all=15.000000  
 2015-02-05 19:05:56.610 [2015-02-05 07:05:00.999998] continuity found: 26370010

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476435101.000000 Q=100
2015-02-05 19:05:56.610 [2015-02-05 07:05:00.999998] restoring continuity
2015-02-05 19:05:56.610 Sending DT_OPEN
2015-02-05 19:05:56.610 Station: XX-2017
2015-02-05 19:05:56.610 Q330 Serial Number: 0100000DB18FC351
2015-02-05 19:05:56.610 AMB Serial Number: 0100000B6909DD82
2015-02-05 19:05:56.610 Seismo 1 Serial Number: 0000000000000000
2015-02-05 19:05:56.610 Seismo 2 Serial Number: 0000000000000000
2015-02-05 19:05:56.610 QAPCHP 1 Serial Number: 4643206
2015-02-05 19:05:56.610 QAPCHP 2 Serial Number: 3743050
2015-02-05 19:05:56.610 KMI Property Tag Number: 2017
2015-02-05 19:05:56.610 System Software Version: 1.146
2015-02-05 19:05:56.610 Slave Processor Version: 1.11
2015-02-05 19:05:56.610 Calibrator Type: QCAL330
2015-02-05 19:05:56.610 Calibrator Version: 1.8
2015-02-05 19:05:56.610 Auxiliary Board Type: None
2015-02-05 19:05:56.610 Clock Type: Motorola M12
2015-02-05 19:05:56.610 PLD Version: 7.9
2015-02-05 19:05:56.610 Total Hours: 72479.69
2015-02-05 19:05:56.610 Power On Hours: 37110.07
2015-02-05 19:05:56.610 Time of Last Boot: 2014-04-06 02:03:58
2015-02-05 19:05:56.610 Total Number of Boots: 120
2015-02-05 19:05:56.610 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-05 19:05:56.610 Total Number of Re-Syncs: 213
2015-02-05 19:05:56.610 Status Inputs: 00000000
2015-02-05 19:05:56.610 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-05 19:05:56.610 Clock Quality: 100%
2015-02-05 19:05:56.610 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-05 19:05:56.610 Clock Phase: 0 usec. max allowed=50000
2015-02-05 19:05:56.610 Boom positions:
2015-02-05 19:05:56.610 Ch1: -2 Ch2: 7 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-05 19:05:56.610 Analog Status
2015-02-05 19:05:56.610 Analog Positive Supply: 5.46V
2015-02-05 19:05:56.610 Input Voltage: 13.20V
2015-02-05 19:05:56.610 System Temperature: 5C
2015-02-05 19:05:56.610 Main Current: 62ma
2015-02-05 19:05:56.610 Antenna Current: 0ma
2015-02-05 19:05:56.610 GPS Status
2015-02-05 19:05:56.610 Time: 19:05:55
2015-02-05 19:05:56.610 Date:
2015-02-05 19:05:56.610 Fix Type: 1-D
2015-02-05 19:05:56.610 Height:
2015-02-05 19:05:56.610 Latitude:
2015-02-05 19:05:56.610 Longitude:
2015-02-05 19:05:56.610 On Time: 0min
2015-02-05 19:05:56.610 Sat. Used: 0
2015-02-05 19:05:56.610 In View: 0
2015-02-05 19:05:56.610 Checksum Errors: 0
2015-02-05 19:05:56.610 Last GPS timemark: 2015-02-05 19:05:54
2015-02-05 19:05:56.610 PLL Status
2015-02-05 19:05:56.610 State: Lock
2015-02-05 19:05:56.610 Initial VCO: 2201.228760
2015-02-05 19:05:56.610 Time Error: 0.000000
2015-02-05 19:05:56.610 RMS VCO: 0.000000
2015-02-05 19:05:56.610 Best VCO: 2201.16
2015-02-05 19:05:56.610 Seconds Since Track or Lock: 0.0
2015-02-05 19:05:56.610 Vco Control: 2201
2015-02-05 19:05:56.610 timing mode: external seascan
2015-02-05 19:05:56.610 tempco normal
2015-02-05 19:05:56.610 PLL update: 10s PLL lock criterion: 5us
2015-02-05 19:05:56.610 Pfrac: 150.00
2015-02-05 19:05:56.610 VCO slope: -0.0175000
2015-02-05 19:05:56.610 VCO intercept: 7.1100001

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2015-02-05 19:05:56.610 Km delta: 600.000000
2015-02-05 19:05:56.610 Logical Port 4 Status
2015-02-05 19:05:56.610 Data Packets Sent: 30675752
2015-02-05 19:05:56.610 Flood Packets Sent: 0
2015-02-05 19:05:56.610 Packets Re-Sent: 48657
2015-02-05 19:05:56.610 Sequence Errors: 0
2015-02-05 19:05:56.610 Packet Buffer Used: 22925276
2015-02-05 19:05:56.610 Physical Port: Ethernet
2015-02-05 19:05:56.610 Baler Model: 14 Software Version: 2.28
2015-02-05 19:05:56.610 MAC Address: 00:04:FB:00:02:EA
2015-02-05 19:05:56.610 Disk Size: 20000669696
2015-02-05 19:05:56.610 Percent of 1177 data files in use: 58.0
2015-02-05 19:05:56.610 Channels Enabled: 1234 Preamps ON channels:
2015-02-05 19:05:56.610 Channel Sensitivities (uV per count):
2015-02-05 19:05:56.610 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-05 19:05:56.610 Digitizer Calibration Results:
2015-02-05 19:05:56.610 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-05 19:05:56.610 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-05 19:05:56.610 DMU1 Software Version=10
2015-02-05 19:05:56.610 Supply Voltage=12.7
2015-02-05 19:05:56.610 Supply Current=0.40
2015-02-05 19:05:56.610 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-05 19:05:56.610 webLink Data Maps Restored
2015-02-05 19:05:56.610 [2015-02-05 07:05:00.999998] sequence resumes: 26370010 to
26370010
2015-02-05 19:05:56.610 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-05 19:05:55
2015-02-05 19:11:42.200 Reducing Status Polling Interval
2015-02-05 19:11:42.200 [2015-02-05 19:11:41.000000] total packets received: 56927
2015-02-05 19:11:42.200 [2015-02-05 19:11:41.000000] command timeouts: 6
2015-02-05 19:11:42.200 [2015-02-05 19:11:41.000000] out of window: 63
2015-02-05 19:11:42.200 written: HHZ-1208 HH1-1424 HH2-1464 BDH-452 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-05 19:11:42.200 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-28 LH2-28 LDH-33
VMZ-2 VM1-2
2015-02-05 19:11:42.200 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-05 19:11:42.200 [2015-02-05 19:11:41.000000] Done: 4705 recs. seq end:
26413610. run: 342 s
2015-02-06 07:12:36.570
2015-02-06 07:12:36.570 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-06 07:12:36.570 Control Port 2491 Opened
2015-02-06 07:12:36.570 Baler ready on Ethernet
2015-02-06 07:12:36.570 Power Cycled Baler Acknowledged
2015-02-06 07:12:36.570 Commands Accepted by Q330
2015-02-06 07:12:36.570 Access timeout: 300 sec
2015-02-06 07:12:36.570 Control Port 4023 Opened
2015-02-06 07:12:36.570 Data Port 4024 Opened
2015-02-06 07:12:36.570 Registered with Q330
2015-02-06 07:12:36.570 Combination Record Received
2015-02-06 07:12:36.570 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-06 07:12:36.570 Link Reset, starting window sequence: 58580
2015-02-06 07:12:36.570 GPS Receiver ID Received
2015-02-06 07:12:36.570 Manufacturer's Data Received, Property Tag=2017
2015-02-06 07:12:36.570 Digitizer Gain & Offsets Received
2015-02-06 07:12:36.570 Msg From 192.168.200.119:Baler XX-2017 readback. 4705 recs.
seq end: 26413610
2015-02-06 07:12:36.570 Baler clock set to 2015-02-06 07:12:35
2015-02-06 07:12:36.570 Starting to Read DP Tokens
2015-02-06 07:12:36.570 DP Tokens loaded, size=1474 bytes
2015-02-06 07:12:36.570 webserver advertising 192.168.200.119:5380
2015-02-06 07:12:36.570 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-06 07:12:36.570 filters & delay HH1:2@100,Linear all=0.320000
2015-02-06 07:12:36.570 filters & delay HH2:3@100,Linear all=0.320000

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2015-02-06 07:12:36.570 filters & delay BDH:4@20,Linear all=1.650000
2015-02-06 07:12:36.570 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-06 07:12:36.570 filters & delay LH1:2@1,Linear all=15.000000
2015-02-06 07:12:36.570 filters & delay LH2:3@1,Linear all=15.000000
2015-02-06 07:12:36.570 filters & delay LDH:4@1,Linear all=15.000000
2015-02-06 07:12:36.570 [2015-02-05 19:11:41.000000] continuity found: 26413610
476478701.000000 Q=100
2015-02-06 07:12:36.570 [2015-02-05 19:11:41.000000] restoring continuity
2015-02-06 07:12:36.570 Sending DT_OPEN
2015-02-06 07:12:36.570 Station: XX-2017
2015-02-06 07:12:36.570 Q330 Serial Number: 0100000DB18FC351
2015-02-06 07:12:36.570 AMB Serial Number: 0100000B6909DD82
2015-02-06 07:12:36.570 Seismo 1 Serial Number: 0000000000000000
2015-02-06 07:12:36.570 Seismo 2 Serial Number: 0000000000000000
2015-02-06 07:12:36.570 QAPCHP 1 Serial Number: 4643206
2015-02-06 07:12:36.570 QAPCHP 2 Serial Number: 3743050
2015-02-06 07:12:36.570 KMI Property Tag Number: 2017
2015-02-06 07:12:36.570 System Software Version: 1.146
2015-02-06 07:12:36.570 Slave Processor Version: 1.11
2015-02-06 07:12:36.570 Calibrator Type: QCAL330
2015-02-06 07:12:36.570 Calibrator Version: 1.8
2015-02-06 07:12:36.570 Auxiliary Board Type: None
2015-02-06 07:12:36.570 Clock Type: Motorola M12
2015-02-06 07:12:36.570 PLD Version: 7.9
2015-02-06 07:12:36.570 Total Hours: 72491.80
2015-02-06 07:12:36.570 Power On Hours: 37122.19
2015-02-06 07:12:36.570 Time of Last Boot: 2014-04-06 02:03:58
2015-02-06 07:12:36.570 Total Number of Boots: 120
2015-02-06 07:12:36.570 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-06 07:12:36.570 Total Number of Re-Syncs: 213
2015-02-06 07:12:36.570 Status Inputs: 00000000
2015-02-06 07:12:36.570 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-06 07:12:36.570 Clock Quality: 100%
2015-02-06 07:12:36.570 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-06 07:12:36.570 Clock Phase: 0 usec. max allowed=50000
2015-02-06 07:12:36.570 Boom positions:
2015-02-06 07:12:36.570 ch1: -2 ch2: 7 ch3: -3 ch4: 20 ch5: 20 ch6: 20
2015-02-06 07:12:36.570 Analog Status
2015-02-06 07:12:36.570 Analog Positive Supply: 5.46V
2015-02-06 07:12:36.570 Input Voltage: 13.20V
2015-02-06 07:12:36.570 System Temperature: 5C
2015-02-06 07:12:36.570 Main Current: 63ma
2015-02-06 07:12:36.570 Antenna Current: 0ma
2015-02-06 07:12:36.570 GPS Status
2015-02-06 07:12:36.570 Time: 07:12:35
2015-02-06 07:12:36.570 Date:
2015-02-06 07:12:36.570 Fix Type: 1-D
2015-02-06 07:12:36.570 Height:
2015-02-06 07:12:36.570 Latitude:
2015-02-06 07:12:36.570 Longitude:
2015-02-06 07:12:36.570 On Time: 0min
2015-02-06 07:12:36.570 Sat. Used: 0
2015-02-06 07:12:36.570 In View: 0
2015-02-06 07:12:36.570 Checksum Errors: 0
2015-02-06 07:12:36.570 Last GPS timemark: 2015-02-06 07:12:34
2015-02-06 07:12:36.570 PLL Status
2015-02-06 07:12:36.570 State: Lock
2015-02-06 07:12:36.570 Initial VCO: 2201.660889
2015-02-06 07:12:36.570 Time Error: 0.000000
2015-02-06 07:12:36.570 RMS VCO: 0.0000000
2015-02-06 07:12:36.570 Best VCO: 2201.62
2015-02-06 07:12:36.570 Seconds Since Track or Lock: 0.0
2015-02-06 07:12:36.570 vco control: 2202

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2015-02-06 07:12:36.570 timing mode: external seascan
2015-02-06 07:12:36.570 tempco normal
2015-02-06 07:12:36.570 PLL update: 10s PLL lock criterion: 5us
2015-02-06 07:12:36.570 Pfrac: 150.00
2015-02-06 07:12:36.570 VCO slope: -0.0175000
2015-02-06 07:12:36.570 VCO intercept: 7.1100001
2015-02-06 07:12:36.570 km delta: 600.0000000
2015-02-06 07:12:36.570 Logical Port 4 Status
2015-02-06 07:12:36.570 Flood Packets Sent: 0
2015-02-06 07:12:36.570 Packets Re-Sent: 48734
2015-02-06 07:12:36.570 Sequence Errors: 0
2015-02-06 07:12:36.570 Packet Buffer Used: 25050920
2015-02-06 07:12:36.570 Physical Port: Ethernet
2015-02-06 07:12:36.570 Baler Model: 14 Software Version: 2.28
2015-02-06 07:12:36.570 MAC Address: 00:04:FB:00:02:EA
2015-02-06 07:12:36.570 Disk Size: 20000669696
2015-02-06 07:12:36.570 Percent of 1177 data files in use: 58.1
2015-02-06 07:12:36.570 Channels Enabled: 1234 Preamps ON channels:
2015-02-06 07:12:36.570 Channel Sensitivities (uV per count):
2015-02-06 07:12:36.570 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-06 07:12:36.570 Digitizer Calibration Results:
2015-02-06 07:12:36.570 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-06 07:12:36.570 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-06 07:12:36.570 DMU1 Software Version=10
2015-02-06 07:12:36.570 Supply Voltage=12.7
2015-02-06 07:12:36.570 Supply Current=0.40
2015-02-06 07:12:36.570 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-06 07:12:36.570 WebLink Data Maps Restored
2015-02-06 07:12:36.570 [2015-02-05 19:11:41.000000] sequence resumes: 26413610 to
26413610
2015-02-06 07:12:36.570 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-02-06 07:12:35
2015-02-06 07:15:11.850 [2015-02-06 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-06 07:19:22.310 Reducing Status Polling Interval
2015-02-06 07:19:22.310 [2015-02-06 07:19:20.999998] total packets received: 82728
2015-02-06 07:19:22.310 [2015-02-06 07:19:20.999998] command timeouts: 6
2015-02-06 07:19:22.310 [2015-02-06 07:19:20.999998] out of window: 101
2015-02-06 07:19:22.310 written: HHZ-1353 HH1-1596 HH2-1640 BDH-460 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-06 07:19:22.310 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-27 LH1-37 LH2-39 LDH-44
VMZ-2 VM1-2
2015-02-06 07:19:22.310 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-02-06 07:19:22.310 [2015-02-06 07:19:20.999998] Done: 5245 recs. seq end:
26457270. run: 402 s
2015-02-06 19:20:16.630
2015-02-06 19:20:16.630 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-06 19:20:16.630 Control Port 2491 Opened
2015-02-06 19:20:16.630 Baler ready on Ethernet
2015-02-06 19:20:16.630 Power Cycled Baler Acknowledged
2015-02-06 19:20:16.630 Commands Accepted by Q330
2015-02-06 19:20:16.630 Access timeout: 300 sec
2015-02-06 19:20:16.630 Control Port 4023 Opened
2015-02-06 19:20:16.630 Data Port 4024 Opened
2015-02-06 19:20:16.630 Registered with Q330
2015-02-06 19:20:16.630 Combination Record Received
2015-02-06 19:20:16.630 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-06 19:20:16.630 Link Reset, starting window sequence: 10095
2015-02-06 19:20:16.630 GPS Receiver ID Received
2015-02-06 19:20:16.630 Manufacturer's Data Received, Property Tag=2017
2015-02-06 19:20:16.630 Digitizer Gain & Offsets Received
2015-02-06 19:20:16.630 Msg From 192.168.200.119:Baler XX-2017 readback. 5245 recs.
seq end: 26457270

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2015-02-06 19:20:16.630 Baler clock set to 2015-02-06 19:20:15
2015-02-06 19:20:16.630 Starting to Read DP Tokens
2015-02-06 19:20:16.630 DP Tokens loaded, size=1474 bytes
2015-02-06 19:20:16.630 Webserver advertising 192.168.200.119:5380
2015-02-06 19:20:16.630 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-06 19:20:16.630 filters & delay HH1:2@100,Linear all=0.320000
2015-02-06 19:20:16.630 filters & delay HH2:3@100,Linear all=0.320000
2015-02-06 19:20:16.630 filters & delay BDH:4@20,Linear all=1.650000
2015-02-06 19:20:16.630 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-06 19:20:16.630 filters & delay LH1:2@1,Linear all=15.000000
2015-02-06 19:20:16.630 filters & delay LH2:3@1,Linear all=15.000000
2015-02-06 19:20:16.630 filters & delay LDH:4@1,Linear all=15.000000
2015-02-06 19:20:16.630 [2015-02-06 07:19:20.999998] continuity found: 26457270
476522361.000000 Q=100
2015-02-06 19:20:16.630 [2015-02-06 07:19:20.999998] restoring continuity
2015-02-06 19:20:16.630 Sending DT_OPEN
2015-02-06 19:20:16.630 Station: XX-2017
2015-02-06 19:20:16.630 Q330 Serial Number: 0100000DB18FC351
2015-02-06 19:20:16.630 AMB Serial Number: 0100000B6909DD82
2015-02-06 19:20:16.630 Seismo 1 Serial Number: 0000000000000000
2015-02-06 19:20:16.630 Seismo 2 Serial Number: 0000000000000000
2015-02-06 19:20:16.630 QAPCHP 1 Serial Number: 4643206
2015-02-06 19:20:16.630 QAPCHP 2 Serial Number: 3743050
2015-02-06 19:20:16.630 KMI Property Tag Number: 2017
2015-02-06 19:20:16.630 System Software Version: 1.146
2015-02-06 19:20:16.630 Slave Processor Version: 1.11
2015-02-06 19:20:16.630 Calibrator Type: QCAL330
2015-02-06 19:20:16.630 Calibrator Version: 1.8
2015-02-06 19:20:16.630 Auxiliary Board Type: None
2015-02-06 19:20:16.630 Clock Type: Motorola M12
2015-02-06 19:20:16.630 PLD Version: 7.9
2015-02-06 19:20:16.630 Total Hours: 72503.93
2015-02-06 19:20:16.630 Power On Hours: 37134.31
2015-02-06 19:20:16.630 Time of Last Boot: 2014-04-06 02:03:58
2015-02-06 19:20:16.630 Total Number of Boots: 120
2015-02-06 19:20:16.630 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-06 19:20:16.630 Total Number of Re-Syncs: 213
2015-02-06 19:20:16.630 Status Inputs: 00000000
2015-02-06 19:20:16.630 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2015-02-06 19:20:16.630 Clock Quality: 100%
2015-02-06 19:20:16.630 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-06 19:20:16.630 Clock Phase: 0 usec. max allowed=50000
2015-02-06 19:20:16.630 Boom positions:
2015-02-06 19:20:16.630 Ch1: -2 Ch2: 7 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-06 19:20:16.630 Analog Status
2015-02-06 19:20:16.630 Analog Positive Supply: 5.46V
2015-02-06 19:20:16.630 Input Voltage: 13.20V
2015-02-06 19:20:16.630 System Temperature: 5C
2015-02-06 19:20:16.630 Main Current: 62ma
2015-02-06 19:20:16.630 Antenna Current: 0ma
2015-02-06 19:20:16.630 GPS Status
2015-02-06 19:20:16.630 Time: 19:20:15
2015-02-06 19:20:16.630 Date:
2015-02-06 19:20:16.630 Fix Type: 1-D
2015-02-06 19:20:16.630 Height:
2015-02-06 19:20:16.630 Latitude:
2015-02-06 19:20:16.630 Longitude:
2015-02-06 19:20:16.630 On Time: 0min
2015-02-06 19:20:16.630 Sat. Used: 0
2015-02-06 19:20:16.630 In View: 0
2015-02-06 19:20:16.630 Checksum Errors: 0
2015-02-06 19:20:16.630 Last GPS timemark: 2015-02-06 19:20:14
2015-02-06 19:20:16.630 PLL Status

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2015-02-06 19:20:16.630 State: Lock  
 2015-02-06 19:20:16.630 Initial VCO: 2201.646973  
 2015-02-06 19:20:16.630 Time Error: 0.000000  
 2015-02-06 19:20:16.630 RMS VCO: 0.0000000  
 2015-02-06 19:20:16.630 Best VCO: 2201.73  
 2015-02-06 19:20:16.630 Seconds Since Track or Lock: 0.0  
 2015-02-06 19:20:16.630 Vco Control: 2202  
 2015-02-06 19:20:16.630 timing mode: external seascan  
 2015-02-06 19:20:16.630 tempco normal  
 2015-02-06 19:20:16.630 PLL update: 10s PLL lock criterion: 5us  
 2015-02-06 19:20:16.630 Pfrac: 150.00  
 2015-02-06 19:20:16.630 VCO slope: -0.0175000  
 2015-02-06 19:20:16.630 VCO intercept: 7.1100001  
 2015-02-06 19:20:16.630 Km delta: 600.0000000  
 2015-02-06 19:20:16.630 Logical Port 4 Status  
 2015-02-06 19:20:16.630 Data Packets Sent: 30815178  
 2015-02-06 19:20:16.630 Flood Packets Sent: 0  
 2015-02-06 19:20:16.630 Packets Re-Sent: 48852  
 2015-02-06 19:20:16.630 Sequence Errors: 0  
 2015-02-06 19:20:16.630 Packet Buffer Used: 23232120  
 2015-02-06 19:20:16.630 Physical Port: Ethernet  
 2015-02-06 19:20:16.630 Baler Model: 14 Software Version: 2.28  
 2015-02-06 19:20:16.630 MAC Address: 00:04:FB:00:02:EA  
 2015-02-06 19:20:16.630 Disk Size: 20000669696  
 2015-02-06 19:20:16.630 Percent of 1177 data files in use: 58.2  
 2015-02-06 19:20:16.630 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-06 19:20:16.630 Channel Sensitivities (uV per count):  
 2015-02-06 19:20:16.630 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-06 19:20:16.630 Digitizer Calibration Results:  
 2015-02-06 19:20:16.630 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-06 19:20:16.630 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-06 19:20:16.630 DMU1 Software Version=10  
 2015-02-06 19:20:16.630 Supply Voltage=12.7  
 2015-02-06 19:20:16.630 Supply Current=0.40  
 2015-02-06 19:20:16.630 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-06 19:20:16.630 WebLink Data Maps Restored  
 2015-02-06 19:20:16.630 [2015-02-06 07:19:20.999998] sequence resumes: 26457270 to  
 26457270  
 2015-02-06 19:20:16.630 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-06 19:20:15  
 2015-02-06 19:26:18.420 Reducing Status Polling Interval  
 2015-02-06 19:26:18.420 [2015-02-06 19:26:17.999998] total packets received: 58340  
 2015-02-06 19:26:18.420 [2015-02-06 19:26:17.999998] command timeouts: 6  
 2015-02-06 19:26:18.420 [2015-02-06 19:26:17.999998] out of window: 85  
 2015-02-06 19:26:18.420 written: HHZ-1231 HH1-1452 HH2-1480 BDH-456 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2015-02-06 19:26:18.420 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-27 LH2-27 LDH-39  
 VMZ-1 VM1-1  
 2015-02-06 19:26:18.420 written: VM2-1 LOG-2 ACE-1 OCF-1  
 2015-02-06 19:26:18.420 [2015-02-06 19:26:17.999998] Done: 4770 recs. seq end:  
 26500887. run: 357 s  
 2015-02-07 07:27:13.630  
 2015-02-07 07:27:13.630 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-07 07:27:13.630 Control Port 2491 Opened  
 2015-02-07 07:27:13.630 Baler ready on Ethernet  
 2015-02-07 07:27:13.630 Power Cycled Baler Acknowledged  
 2015-02-07 07:27:13.630 Commands Accepted by Q330  
 2015-02-07 07:27:13.630 Access timeout: 300 sec  
 2015-02-07 07:27:13.630 Control Port 4023 Opened  
 2015-02-07 07:27:13.630 Data Port 4024 Opened  
 2015-02-07 07:27:13.630 Registered with Q330  
 2015-02-07 07:27:13.630 Combination Record Received  
 2015-02-07 07:27:13.630 window=4 Min. Timeout=10 Max. Timeout=30

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2015-02-07 07:27:13.630 Link Reset, starting window sequence: 2777  
 2015-02-07 07:27:13.630 GPS Receiver ID Received  
 2015-02-07 07:27:13.630 Manufacturer's Data Received, Property Tag=2017  
 2015-02-07 07:27:13.630 Digitizer Gain & Offsets Received  
 2015-02-07 07:27:13.630 Msg From 192.168.200.119:Baler XX-2017 readback. 4770 recs.  
 seq end: 26500887  
 2015-02-07 07:27:13.630 Baler clock set to 2015-02-07 07:27:12  
 2015-02-07 07:27:13.630 Starting to Read DP Tokens  
 2015-02-07 07:27:13.630 DP Tokens loaded, size=1474 bytes  
 2015-02-07 07:27:13.630 webserver advertising 192.168.200.119:5380  
 2015-02-07 07:27:13.630 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-02-07 07:27:13.630 filters & delay HH1:2@100,Linear all=0.320000  
 2015-02-07 07:27:13.630 filters & delay HH2:3@100,Linear all=0.320000  
 2015-02-07 07:27:13.630 filters & delay BDH:4@20,Linear all=1.650000  
 2015-02-07 07:27:13.630 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-02-07 07:27:13.630 filters & delay LH1:2@1,Linear all=15.000000  
 2015-02-07 07:27:13.630 filters & delay LH2:3@1,Linear all=15.000000  
 2015-02-07 07:27:13.630 filters & delay LDH:4@1,Linear all=15.000000  
 2015-02-07 07:27:13.630 [2015-02-06 19:26:17.999998] continuity found: 26500887  
 476565978.000000 Q=100  
 2015-02-07 07:27:13.630 [2015-02-06 19:26:17.999998] restoring continuity  
 2015-02-07 07:27:13.630 Sending DT\_OPEN  
 2015-02-07 07:27:13.630 Station: XX-2017  
 2015-02-07 07:27:13.630 Q330 Serial Number: 0100000DB18FC351  
 2015-02-07 07:27:13.630 AMB Serial Number: 0100000B6909DD82  
 2015-02-07 07:27:13.630 Seismo 1 Serial Number: 0000000000000000  
 2015-02-07 07:27:13.630 Seismo 2 Serial Number: 0000000000000000  
 2015-02-07 07:27:13.630 QAPCHP 1 Serial Number: 4643206  
 2015-02-07 07:27:13.630 QAPCHP 2 Serial Number: 3743050  
 2015-02-07 07:27:13.630 KMI Property Tag Number: 2017  
 2015-02-07 07:27:13.630 Slave Processor Version: 1.11  
 2015-02-07 07:27:13.630 Calibrator Type: QCAL330  
 2015-02-07 07:27:13.630 Calibrator Version: 1.8  
 2015-02-07 07:27:13.630 Auxiliary Board Type: None  
 2015-02-07 07:27:13.630 Clock Type: Motorola M12  
 2015-02-07 07:27:13.630 PLD Version: 7.9  
 2015-02-07 07:27:13.630 Total Hours: 72516.04  
 2015-02-07 07:27:13.630 Power On Hours: 37146.43  
 2015-02-07 07:27:13.630 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-07 07:27:13.630 Total Number of Boots: 120  
 2015-02-07 07:27:13.630 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-07 07:27:13.630 Total Number of Re-Syncs: 213  
 2015-02-07 07:27:13.630 Status Inputs: 00000000  
 2015-02-07 07:27:13.630 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-07 07:27:13.630 Clock Quality: 100%  
 2015-02-07 07:27:13.630 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-07 07:27:13.630 Clock Phase: 0 usec. max allowed=50000  
 2015-02-07 07:27:13.630 Boom positions:  
 2015-02-07 07:27:13.630 ch1: -2 ch2: 6 ch3: -2 ch4: 20 ch5: 20 ch6: 20  
 2015-02-07 07:27:13.630 Analog Status  
 2015-02-07 07:27:13.630 Analog Positive Supply: 5.46V  
 2015-02-07 07:27:13.630 Input Voltage: 13.20V  
 2015-02-07 07:27:13.630 System Temperature: 5C  
 2015-02-07 07:27:13.630 Main Current: 62ma  
 2015-02-07 07:27:13.630 Antenna Current: 0ma  
 2015-02-07 07:27:13.630 GPS Status  
 2015-02-07 07:27:13.630 Time: 07:27:12  
 2015-02-07 07:27:13.630 Date:  
 2015-02-07 07:27:13.630 Fix Type: 1-D  
 2015-02-07 07:27:13.630 Height:  
 2015-02-07 07:27:13.630 Latitude:  
 2015-02-07 07:27:13.630 Longitude:  
 2015-02-07 07:27:13.630 On Time: 0min

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2015-02-07 07:27:13.630 Sat. Used: 0  
 2015-02-07 07:27:13.630 In View: 0  
 2015-02-07 07:27:13.630 Checksum Errors: 0  
 2015-02-07 07:27:13.630 Last GPS timemark: 2015-02-07 07:27:11  
 2015-02-07 07:27:13.630 PLL Status  
 2015-02-07 07:27:13.630 State: Lock  
 2015-02-07 07:27:13.630 Initial VCO: 2201.163818  
 2015-02-07 07:27:13.630 Time Error: -0.000001  
 2015-02-07 07:27:13.630 RMS VCO: 0.000000  
 2015-02-07 07:27:13.630 Best VCO: 2201.19  
 2015-02-07 07:27:13.630 Seconds Since Track or Lock: 0.0  
 2015-02-07 07:27:13.630 Vco Control: 2201  
 2015-02-07 07:27:13.630 timing mode: external seascan  
 2015-02-07 07:27:13.630 tempco normal  
 2015-02-07 07:27:13.630 PLL update: 10s PLL lock criterion: 5us  
 2015-02-07 07:27:13.630 Pfrac: 150.00  
 2015-02-07 07:27:13.630 VCO slope: -0.0175000  
 2015-02-07 07:27:13.630 VCO intercept: 7.1100001  
 2015-02-07 07:27:13.630 Km delta: 600.0000000  
 2015-02-07 07:27:13.630 Logical Port 4 Status  
 2015-02-07 07:27:13.630 Data Packets Sent: 30873401  
 2015-02-07 07:27:13.630 Flood Packets Sent: 0  
 2015-02-07 07:27:13.630 Packets Re-Sent: 48953  
 2015-02-07 07:27:13.630 Sequence Errors: 0  
 2015-02-07 07:27:13.630 Packet Buffer Used: 21620088  
 2015-02-07 07:27:13.630 Physical Port: Ethernet  
 2015-02-07 07:27:13.630 Baler Model: 14 Software Version: 2.28  
 2015-02-07 07:27:13.630 MAC Address: 00:04:FB:00:02:EA  
 2015-02-07 07:27:13.630 Disk Size: 20000669696  
 2015-02-07 07:27:13.630 Percent of 1177 data files in use: 58.4  
 2015-02-07 07:27:13.630 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-07 07:27:13.630 Channel Sensitivities (uV per count):  
 2015-02-07 07:27:13.630 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-07 07:27:13.630 Digitizer Calibration Results:  
 2015-02-07 07:27:13.630 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-07 07:27:13.630 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-07 07:27:13.630 DMU1 Software Version=10  
 2015-02-07 07:27:13.630 Supply Voltage=12.6  
 2015-02-07 07:27:13.630 Supply Current=0.41  
 2015-02-07 07:27:13.630 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-07 07:27:13.630 webLink Data Maps Restored  
 2015-02-07 07:27:13.630 [2015-02-06 19:26:17.999998] sequence resumes: 26500887 to  
 26500887  
 2015-02-07 07:27:13.630 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-07 07:27:12  
 2015-02-07 07:29:15.670 [2015-02-07 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-02-07 07:32:37.800 Reducing Status Polling Interval  
 2015-02-07 07:32:37.800 [2015-02-07 07:32:37.000000] total packets received: 45549  
 2015-02-07 07:32:37.800 [2015-02-07 07:32:37.000000] command timeouts: 6  
 2015-02-07 07:32:37.800 [2015-02-07 07:32:37.000000] out of window: 59  
 2015-02-07 07:32:37.800 written: HHZ-1117 HH1-1352 HH2-1327 BDH-443 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-02-07 07:32:37.800 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-28  
 VMZ-2 VM1-2  
 2015-02-07 07:32:37.800 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-02-07 07:32:37.800 [2015-02-07 07:32:37.000000] Done: 4389 recs. seq end:  
 26544466. run: 320 s  
 2015-02-07 19:33:29.590  
 2015-02-07 19:33:29.590 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-07 19:33:29.590 Control Port 2491 Opened  
 2015-02-07 19:33:29.590 Baler ready on Ethernet  
 2015-02-07 19:33:29.590 Power Cycled Baler Acknowledged

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2015-02-07 19:33:29.590 Commands Accepted by Q330
2015-02-07 19:33:29.590 Access timeout: 300 sec
2015-02-07 19:33:29.590 Control Port 4023 Opened
2015-02-07 19:33:29.590 Data Port 4024 Opened
2015-02-07 19:33:29.590 Registered with Q330
2015-02-07 19:33:29.590 Combination Record Received
2015-02-07 19:33:29.590 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-07 19:33:29.590 Link Reset, starting window sequence: 48232
2015-02-07 19:33:29.590 GPS Receiver ID Received
2015-02-07 19:33:29.590 Manufacturer's Data Received, Property Tag=2017
2015-02-07 19:33:29.590 Digitizer Gain & Offsets Received
2015-02-07 19:33:29.590 Msg From 192.168.200.119:Baler XX-2017 readback. 4389 recs.
seq end: 26544466
2015-02-07 19:33:29.590 Baler clock set to 2015-02-07 19:33:28
2015-02-07 19:33:29.590 Starting to Read DP Tokens
2015-02-07 19:33:29.590 DP Tokens loaded, size=1474 bytes
2015-02-07 19:33:29.590 webserver advertising 192.168.200.119:5380
2015-02-07 19:33:29.590 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-07 19:33:29.590 filters & delay HH1:2@100,Linear all=0.320000
2015-02-07 19:33:29.590 filters & delay HH2:3@100,Linear all=0.320000
2015-02-07 19:33:29.590 filters & delay BDH:4@20,Linear all=1.650000
2015-02-07 19:33:29.590 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-07 19:33:29.590 filters & delay LH1:2@1,Linear all=15.000000
2015-02-07 19:33:29.590 filters & delay LH2:3@1,Linear all=15.000000
2015-02-07 19:33:29.590 filters & delay LDH:4@1,Linear all=15.000000
2015-02-07 19:33:29.590 [2015-02-07 07:32:37.000000] continuity found: 26544466
476609557.000000 Q=100
2015-02-07 19:33:29.590 [2015-02-07 07:32:37.000000] restoring continuity
2015-02-07 19:33:29.590 Sending DT_OPEN
2015-02-07 19:33:29.590 Station: XX-2017
2015-02-07 19:33:29.590 Q330 Serial Number: 0100000DB18FC351
2015-02-07 19:33:29.590 AMB Serial Number: 0100000B6909DD82
2015-02-07 19:33:29.590 Seismo 1 Serial Number: 0000000000000000
2015-02-07 19:33:29.590 Seismo 2 Serial Number: 0000000000000000
2015-02-07 19:33:29.590 QAPCHP 1 Serial Number: 4643206
2015-02-07 19:33:29.590 QAPCHP 2 Serial Number: 3743050
2015-02-07 19:33:29.590 KMI Property Tag Number: 2017
2015-02-07 19:33:29.590 System Software Version: 1.146
2015-02-07 19:33:29.590 Slave Processor Version: 1.11
2015-02-07 19:33:29.590 Calibrator Type: QCAL330
2015-02-07 19:33:29.590 Calibrator Version: 1.8
2015-02-07 19:33:29.590 Auxiliary Board Type: None
2015-02-07 19:33:29.590 Clock Type: Motorola M12
2015-02-07 19:33:29.590 PLD Version: 7.9
2015-02-07 19:33:29.590 Total Hours: 72528.15
2015-02-07 19:33:29.590 Power On Hours: 37158.53
2015-02-07 19:33:29.590 Time of Last Boot: 2014-04-06 02:03:58
2015-02-07 19:33:29.590 Total Number of Boots: 120
2015-02-07 19:33:29.590 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-07 19:33:29.590 Total Number of Re-Syncs: 213
2015-02-07 19:33:29.590 Status Inputs: 00000000
2015-02-07 19:33:29.590 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-07 19:33:29.590 Clock Quality: 100%
2015-02-07 19:33:29.590 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-07 19:33:29.590 Clock Phase: 0 usec. max allowed=50000
2015-02-07 19:33:29.590 Boom positions:
2015-02-07 19:33:29.590 ch1: -2 ch2: 5 ch3: -3 ch4: 20 ch5: 20 ch6: 20
2015-02-07 19:33:29.590 Analog Status
2015-02-07 19:33:29.590 Analog Positive Supply: 5.46V
2015-02-07 19:33:29.590 Input Voltage: 13.35V
2015-02-07 19:33:29.590 System Temperature: 5C
2015-02-07 19:33:29.590 Main Current: 61ma
2015-02-07 19:33:29.590 Antenna Current: 0ma

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2015-02-07 19:33:29.590 GPS Status
2015-02-07 19:33:29.590 Time: 19:33:28
2015-02-07 19:33:29.590 Date:
2015-02-07 19:33:29.590 Fix Type: 1-D
2015-02-07 19:33:29.590 Height:
2015-02-07 19:33:29.590 Latitude:
2015-02-07 19:33:29.590 Longitude:
2015-02-07 19:33:29.590 On Time: 0min
2015-02-07 19:33:29.590 Sat. Used: 0
2015-02-07 19:33:29.590 In View: 0
2015-02-07 19:33:29.590 Checksum Errors: 0
2015-02-07 19:33:29.590 Last GPS timemark: 2015-02-07 19:33:27
2015-02-07 19:33:29.590 PLL Status
2015-02-07 19:33:29.590 State: Lock
2015-02-07 19:33:29.590 Initial VCO: 2201.343750
2015-02-07 19:33:29.590 Time Error: 0.000000
2015-02-07 19:33:29.590 RMS VCO: 0.0000000
2015-02-07 19:33:29.590 Best VCO: 2201.35
2015-02-07 19:33:29.590 Seconds Since Track or Lock: 0.0
2015-02-07 19:33:29.590 Vco Control: 2201
2015-02-07 19:33:29.590 timing mode: external seascan
2015-02-07 19:33:29.590 tempco normal
2015-02-07 19:33:29.590 PLL update: 10s PLL lock criterion: 5us
2015-02-07 19:33:29.590 Pfrac: 150.00
2015-02-07 19:33:29.590 VCO slope: -0.0175000
2015-02-07 19:33:29.590 VCO intercept: 7.1100001
2015-02-07 19:33:29.590 km delta: 600.0000000
2015-02-07 19:33:29.590 Logical Port 4 Status
2015-02-07 19:33:29.590 Data Packets Sent: 30918861
2015-02-07 19:33:29.590 Flood Packets Sent: 0
2015-02-07 19:33:29.590 Packets Re-Sent: 49025
2015-02-07 19:33:29.590 Sequence Errors: 0
2015-02-07 19:33:29.590 Packet Buffer Used: 21485360
2015-02-07 19:33:29.590 Physical Port: Ethernet
2015-02-07 19:33:29.590 Baler Model: 14 Software Version: 2.28
2015-02-07 19:33:29.590 MAC Address: 00:04:FB:00:02:EA
2015-02-07 19:33:29.590 Disk Size: 20000669696
2015-02-07 19:33:29.590 Percent of 1177 data files in use: 58.5
2015-02-07 19:33:29.590 Channels Enabled: 1234 Preamps ON channels:
2015-02-07 19:33:29.590 Channel Sensitivities (uV per count):
2015-02-07 19:33:29.590 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-07 19:33:29.590 Digitizer Calibration Results:
2015-02-07 19:33:29.590 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-07 19:33:29.590 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-07 19:33:29.590 DMU1 Software Version=10
2015-02-07 19:33:29.590 Supply Voltage=12.7
2015-02-07 19:33:29.590 Supply Current=0.41
2015-02-07 19:33:29.590 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-07 19:33:29.590 webLink Data Maps Restored
2015-02-07 19:33:29.590 [2015-02-07 07:32:37.000000] sequence resumes: 26544466 to
26544466
2015-02-07 19:33:29.590 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-07 19:33:28
2015-02-07 19:38:56.510 Reducing Status Polling Interval
2015-02-07 19:38:56.510 [2015-02-07 19:38:56.000000] total packets received: 43945
2015-02-07 19:38:56.510 [2015-02-07 19:38:56.000000] command timeouts: 6
2015-02-07 19:38:56.510 [2015-02-07 19:38:56.000000] out of window: 71
2015-02-07 19:38:56.510 written: HHZ-1128 HH1-1310 HH2-1329 BDH-437 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-07 19:38:56.510 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2015-02-07 19:38:56.510 [2015-02-07 19:38:56.000000] Done: 4347 recs. seq end:
26588045. run: 322 s

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2015-02-08 07:39:47.640
2015-02-08 07:39:47.640 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-08 07:39:47.640 Control Port 2491 Opened
2015-02-08 07:39:47.640 Baler ready on Ethernet
2015-02-08 07:39:47.640 Power Cycled Baler Acknowledged
2015-02-08 07:39:47.640 Commands Accepted by Q330
2015-02-08 07:39:47.640 Access timeout: 300 sec
2015-02-08 07:39:47.640 Control Port 4023 Opened
2015-02-08 07:39:47.640 Data Port 4024 Opened
2015-02-08 07:39:47.640 Registered with Q330
2015-02-08 07:39:47.640 Combination Record Received
2015-02-08 07:39:47.640 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-08 07:39:47.640 Link Reset, starting window sequence: 26535
2015-02-08 07:39:47.640 GPS Receiver ID Received
2015-02-08 07:39:47.640 Manufacturer's Data Received, Property Tag=2017
2015-02-08 07:39:47.640 Digitizer Gain & Offsets Received
2015-02-08 07:39:47.640 Msg From 192.168.200.119:Baler XX-2017 readback. 4347 recs.
seq end: 26588045
2015-02-08 07:39:47.640 Baler clock set to 2015-02-08 07:39:46
2015-02-08 07:39:47.640 Starting to Read DP Tokens
2015-02-08 07:39:47.640 DP Tokens loaded, size=1474 bytes
2015-02-08 07:39:47.640 webserver advertising 192.168.200.119:5380
2015-02-08 07:39:47.640 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-08 07:39:47.640 filters & delay HH1:2@100,Linear all=0.320000
2015-02-08 07:39:47.640 filters & delay HH2:3@100,Linear all=0.320000
2015-02-08 07:39:47.640 filters & delay BDH:4@20,Linear all=1.650000
2015-02-08 07:39:47.640 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-08 07:39:47.640 filters & delay LH1:2@1,Linear all=15.000000
2015-02-08 07:39:47.640 filters & delay LH2:3@1,Linear all=15.000000
2015-02-08 07:39:47.640 filters & delay LDH:4@1,Linear all=15.000000
2015-02-08 07:39:47.640 [2015-02-07 19:38:56.000000] continuity found: 26588045
476653136.000000 Q=100
2015-02-08 07:39:47.640 [2015-02-07 19:38:56.000000] restoring continuity
2015-02-08 07:39:47.640 Sending DT_OPEN
2015-02-08 07:39:47.640 Station: XX-2017
2015-02-08 07:39:47.640 Q330 Serial Number: 0100000DB18FC351
2015-02-08 07:39:47.640 AMB Serial Number: 0100000B6909DD82
2015-02-08 07:39:47.640 Seismo 1 Serial Number: 0000000000000000
2015-02-08 07:39:47.640 Seismo 2 Serial Number: 0000000000000000
2015-02-08 07:39:47.640 QAPCHP 1 Serial Number: 4643206
2015-02-08 07:39:47.640 QAPCHP 2 Serial Number: 3743050
2015-02-08 07:39:47.640 KMI Property Tag Number: 2017
2015-02-08 07:39:47.640 System Software Version: 1.146
2015-02-08 07:39:47.640 Slave Processor Version: 1.11
2015-02-08 07:39:47.640 Calibrator Type: QCAL330
2015-02-08 07:39:47.640 Calibrator Version: 1.8
2015-02-08 07:39:47.640 Auxiliary Board Type: None
2015-02-08 07:39:47.640 Clock Type: Motorola M12
2015-02-08 07:39:47.640 PLD Version: 7.9
2015-02-08 07:39:47.640 Total Hours: 72540.25
2015-02-08 07:39:47.640 Power On Hours: 37170.64
2015-02-08 07:39:47.640 Time of Last Boot: 2014-04-06 02:03:58
2015-02-08 07:39:47.640 Total Number of Boots: 120
2015-02-08 07:39:47.640 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-08 07:39:47.640 Total Number of Re-Syncs: 213
2015-02-08 07:39:47.640 Status Inputs: 00000000
2015-02-08 07:39:47.640 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-08 07:39:47.640 Clock Quality: 100%
2015-02-08 07:39:47.640 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-08 07:39:47.640 Clock Phase: 0 usec. max allowed=50000
2015-02-08 07:39:47.640 Boom positions:
2015-02-08 07:39:47.640 Ch1: -2 Ch2: 4 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-08 07:39:47.640 Analog Status

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2015-02-08 07:39:47.640 Analog Positive Supply: 5.46V
2015-02-08 07:39:47.640 Input Voltage: 13.20V
2015-02-08 07:39:47.640 System Temperature: 5C
2015-02-08 07:39:47.640 Main Current: 62ma
2015-02-08 07:39:47.640 Antenna Current: 0ma
2015-02-08 07:39:47.640 GPS Status
2015-02-08 07:39:47.640 Time: 07:39:46
2015-02-08 07:39:47.640 Date:
2015-02-08 07:39:47.640 Fix Type: 1-D
2015-02-08 07:39:47.640 Height:
2015-02-08 07:39:47.640 Latitude:
2015-02-08 07:39:47.640 Longitude:
2015-02-08 07:39:47.640 On Time: 0min
2015-02-08 07:39:47.640 Sat. Used: 0
2015-02-08 07:39:47.640 In View: 0
2015-02-08 07:39:47.640 Checksum Errors: 0
2015-02-08 07:39:47.640 Last GPS timemark: 2015-02-08 07:39:45
2015-02-08 07:39:47.640 PLL Status
2015-02-08 07:39:47.640 State: Lock
2015-02-08 07:39:47.640 Initial VCO: 2201.327881
2015-02-08 07:39:47.640 Time Error: 0.000000
2015-02-08 07:39:47.640 RMS VCO: 0.0000000
2015-02-08 07:39:47.640 Best VCO: 2201.29
2015-02-08 07:39:47.640 Seconds Since Track or Lock: 0.0
2015-02-08 07:39:47.640 Vco Control: 2201
2015-02-08 07:39:47.640 timing mode: external seascan
2015-02-08 07:39:47.640 tempco normal
2015-02-08 07:39:47.640 PLL update: 10s PLL lock criterion: 5us
2015-02-08 07:39:47.640 Pfrac: 150.00
2015-02-08 07:39:47.640 VCO slope: -0.0175000
2015-02-08 07:39:47.640 VCO intercept: 7.1100001
2015-02-08 07:39:47.640 Km delta: 600.0000000
2015-02-08 07:39:47.640 Logical Port 4 Status
2015-02-08 07:39:47.640 Data Packets Sent: 30962705
2015-02-08 07:39:47.640 Flood Packets Sent: 0
2015-02-08 07:39:47.640 Packets Re-Sent: 49112
2015-02-08 07:39:47.640 Sequence Errors: 0
2015-02-08 07:39:47.640 Packet Buffer Used: 22655564
2015-02-08 07:39:47.640 Physical Port: Ethernet
2015-02-08 07:39:47.640 Baler Model: 14 Software Version: 2.28
2015-02-08 07:39:47.640 MAC Address: 00:04:FB:00:02:EA
2015-02-08 07:39:47.640 Disk Size: 20000669696
2015-02-08 07:39:47.640 Percent of 1177 data files in use: 58.5
2015-02-08 07:39:47.640 Channels Enabled: 1234 Preamps ON channels:
2015-02-08 07:39:47.640 Channel Sensitivities (uV per count):
2015-02-08 07:39:47.640 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-08 07:39:47.640 Digitizer Calibration Results:
2015-02-08 07:39:47.640 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-08 07:39:47.640 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-08 07:39:47.640 DMU1 Software Version=10
2015-02-08 07:39:47.640 Supply Voltage=12.7
2015-02-08 07:39:47.640 Supply Current=0.40
2015-02-08 07:39:47.640 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-08 07:39:47.640 webLink Data Maps Restored
2015-02-08 07:39:47.640 [2015-02-07 19:38:56.000000] sequence resumes: 26588045 to
26588045
2015-02-08 07:39:47.640 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-08 07:39:46
2015-02-08 07:41:44.690 [2015-02-08 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-08 07:45:32.300 Reducing Status Polling Interval
2015-02-08 07:45:32.300 [2015-02-08 07:45:31.999998] total packets received: 56585
2015-02-08 07:45:32.300 [2015-02-08 07:45:31.999998] command timeouts: 6

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2015-02-08 07:45:32.300 [2015-02-08 07:45:31.999998] out of window: 51
2015-02-08 07:45:32.300 written: HHZ-1201 HH1-1419 HH2-1423 BDH-435 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-02-08 07:45:32.300 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2015-02-08 07:45:32.300 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-02-08 07:45:32.300 [2015-02-08 07:45:31.999998] Done: 4612 recs. seq end:
26631641. run: 341 s
2015-02-08 19:46:26.560
2015-02-08 19:46:26.560 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-08 19:46:26.560 Control Port 2491 Opened
2015-02-08 19:46:26.560 Baler ready on Ethernet
2015-02-08 19:46:26.560 Power Cycled Baler Acknowledged
2015-02-08 19:46:26.560 Commands Accepted by Q330
2015-02-08 19:46:26.560 Access timeout: 300 sec
2015-02-08 19:46:26.560 Control Port 4023 Opened
2015-02-08 19:46:26.560 Data Port 4024 Opened
2015-02-08 19:46:26.560 Registered with Q330
2015-02-08 19:46:26.560 Combination Record Received
2015-02-08 19:46:26.560 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-08 19:46:26.560 Link Reset, starting window sequence: 17497
2015-02-08 19:46:26.560 GPS Receiver ID Received
2015-02-08 19:46:26.560 Manufacturer's Data Received, Property Tag=2017
2015-02-08 19:46:26.560 Digitizer Gain & Offsets Received
2015-02-08 19:46:26.560 Msg From 192.168.200.119:Baler XX-2017 readback. 4612 recs.
seq end: 26631641
2015-02-08 19:46:26.560 Baler clock set to 2015-02-08 19:46:25
2015-02-08 19:46:26.560 Starting to Read DP Tokens
2015-02-08 19:46:26.560 DP Tokens loaded, size=1474 bytes
2015-02-08 19:46:26.560 Webserver advertising 192.168.200.119:5380
2015-02-08 19:46:26.560 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-08 19:46:26.560 filters & delay HH1:2@100,Linear all=0.320000
2015-02-08 19:46:26.560 filters & delay HH2:3@100,Linear all=0.320000
2015-02-08 19:46:26.560 filters & delay BDH:4@20,Linear all=1.650000
2015-02-08 19:46:26.560 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-08 19:46:26.560 filters & delay LH1:2@1,Linear all=15.000000
2015-02-08 19:46:26.560 filters & delay LH2:3@1,Linear all=15.000000
2015-02-08 19:46:26.560 filters & delay LDH:4@1,Linear all=15.000000
2015-02-08 19:46:26.560 [2015-02-08 07:45:31.999998] continuity found: 26631641
476696732.000000 Q=100
2015-02-08 19:46:26.560 [2015-02-08 07:45:31.999998] restoring continuity
2015-02-08 19:46:26.560 Sending DT_OPEN
2015-02-08 19:46:26.560 Station: XX-2017
2015-02-08 19:46:26.560 Q330 Serial Number: 0100000DB18FC351
2015-02-08 19:46:26.560 AMB Serial Number: 0100000B6909DD82
2015-02-08 19:46:26.560 Seismo 1 Serial Number: 0000000000000000
2015-02-08 19:46:26.560 Seismo 2 Serial Number: 0000000000000000
2015-02-08 19:46:26.560 QAPCHP 1 Serial Number: 4643206
2015-02-08 19:46:26.560 QAPCHP 2 Serial Number: 3743050
2015-02-08 19:46:26.560 KMI Property Tag Number: 2017
2015-02-08 19:46:26.560 System Software Version: 1.146
2015-02-08 19:46:26.560 Slave Processor Version: 1.11
2015-02-08 19:46:26.560 Calibrator Type: QCAL330
2015-02-08 19:46:26.560 Calibrator Version: 1.8
2015-02-08 19:46:26.560 Auxiliary Board Type: None
2015-02-08 19:46:26.560 Clock Type: Motorola M12
2015-02-08 19:46:26.560 PLD Version: 7.9
2015-02-08 19:46:26.560 Total Hours: 72552.37
2015-02-08 19:46:26.560 Power On Hours: 37182.75
2015-02-08 19:46:26.560 Time of Last Boot: 2014-04-06 02:03:58
2015-02-08 19:46:26.560 Total Number of Boots: 120
2015-02-08 19:46:26.560 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-08 19:46:26.560 Total Number of Re-Syncs: 213

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2015-02-08 19:46:26.560 Status Inputs: 00000000
2015-02-08 19:46:26.560 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-08 19:46:26.560 Clock Quality: 100%
2015-02-08 19:46:26.560 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-08 19:46:26.560 Clock Phase: 0 usec. max allowed=50000
2015-02-08 19:46:26.560 Boom positions:
2015-02-08 19:46:26.560 Ch1: -2 Ch2: 4 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-08 19:46:26.560 Analog Status
2015-02-08 19:46:26.560 Analog Positive Supply: 5.46V
2015-02-08 19:46:26.560 Input Voltage: 13.20V
2015-02-08 19:46:26.560 System Temperature: 5C
2015-02-08 19:46:26.560 Main Current: 62ma
2015-02-08 19:46:26.560 Antenna Current: 0ma
2015-02-08 19:46:26.560 GPS Status
2015-02-08 19:46:26.560 Time: 19:46:25
2015-02-08 19:46:26.560 Date:
2015-02-08 19:46:26.560 Fix Type: 1-D
2015-02-08 19:46:26.560 Height:
2015-02-08 19:46:26.560 Latitude:
2015-02-08 19:46:26.560 Longitude:
2015-02-08 19:46:26.560 On Time: 0min
2015-02-08 19:46:26.560 Sat. Used: 0
2015-02-08 19:46:26.560 In View: 0
2015-02-08 19:46:26.560 Checksum Errors: 0
2015-02-08 19:46:26.560 Last GPS timemark: 2015-02-08 19:46:24
2015-02-08 19:46:26.560 State: Lock
2015-02-08 19:46:26.560 Initial VCO: 2201.369385
2015-02-08 19:46:26.560 Time Error: 0.000000
2015-02-08 19:46:26.560 RMS VCO: 0.0000000
2015-02-08 19:46:26.560 Best VCO: 2201.38
2015-02-08 19:46:26.560 Seconds Since Track or Lock: 0.0
2015-02-08 19:46:26.560 Vco Control: 2201
2015-02-08 19:46:26.560 timing mode: external seascan
2015-02-08 19:46:26.560 tempco normal
2015-02-08 19:46:26.560 PLL update: 10s PLL lock criterion: 5us
2015-02-08 19:46:26.560 Pfrac: 150.00
2015-02-08 19:46:26.560 VCO slope: -0.0175000
2015-02-08 19:46:26.560 VCO intercept: 7.1100001
2015-02-08 19:46:26.560 km delta: 600.0000000
2015-02-08 19:46:26.560 Logical Port 4 Status
2015-02-08 19:46:26.560 Data Packets Sent: 31019208
2015-02-08 19:46:26.560 Flood Packets Sent: 0
2015-02-08 19:46:26.560 Packets Re-Sent: 49181
2015-02-08 19:46:26.560 Sequence Errors: 0
2015-02-08 19:46:26.560 Packet Buffer Used: 22309244
2015-02-08 19:46:26.560 Physical Port: Ethernet
2015-02-08 19:46:26.560 Baler Model: 14 Software Version: 2.28
2015-02-08 19:46:26.560 MAC Address: 00:04:FB:00:02:EA
2015-02-08 19:46:26.560 Disk Size: 20000669696
2015-02-08 19:46:26.560 Percent of 1177 data files in use: 58.6
2015-02-08 19:46:26.560 Channels Enabled: 1234 Preamps ON channels:
2015-02-08 19:46:26.560 Channel Sensitivities (uV per count):
2015-02-08 19:46:26.560 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-08 19:46:26.560 Digitizer Calibration Results:
2015-02-08 19:46:26.560 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-08 19:46:26.560 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-08 19:46:26.560 DMU1 Software Version=10
2015-02-08 19:46:26.560 Supply Voltage=12.7
2015-02-08 19:46:26.560 Supply Current=0.41
2015-02-08 19:46:26.560 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-08 19:46:26.560 webLink Data Maps Restored
2015-02-08 19:46:26.560 [2015-02-08 07:45:31.999998] sequence resumes: 26631641 to
26631641

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2015-02-08 19:46:26.560 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
2015-02-08 19:46:25  
2015-02-08 19:52:03.040 Reducing Status Polling Interval  
2015-02-08 19:52:03.040 [2015-02-08 19:52:02.000000] total packets received: 48627  
2015-02-08 19:52:03.040 [2015-02-08 19:52:02.000000] command timeouts: 6  
2015-02-08 19:52:03.040 [2015-02-08 19:52:02.000000] out of window: 67  
2015-02-08 19:52:03.040 written: HHZ-1157 HH1-1383 HH2-1423 BDH-444 VEP-2 VEC-1  
VEA-2 VKI-2 VCO-2  
2015-02-08 19:52:03.040 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26  
VMZ-2 VM1-2  
2015-02-08 19:52:03.040 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
2015-02-08 19:52:03.040 [2015-02-08 19:52:02.000000] Done: 4551 recs. seq end:  
26675231. run: 332 s  
2015-02-09 07:52:55.600  
2015-02-09 07:52:55.600 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2015-02-09 07:52:55.600 Control Port 2491 Opened  
2015-02-09 07:52:55.600 Baler ready on Ethernet  
2015-02-09 07:52:55.600 Power Cycled Baler Acknowledged  
2015-02-09 07:52:55.600 Commands Accepted by Q330  
2015-02-09 07:52:55.600 Access timeout: 300 sec  
2015-02-09 07:52:55.600 Control Port 4023 Opened  
2015-02-09 07:52:55.600 Data Port 4024 Opened  
2015-02-09 07:52:55.600 Registered with Q330  
2015-02-09 07:52:55.600 Combination Record Received  
2015-02-09 07:52:55.600 Window=4 Min. Timeout=10 Max. Timeout=30  
2015-02-09 07:52:55.600 Link Reset, starting window sequence: 484  
2015-02-09 07:52:55.600 GPS Receiver ID Received  
2015-02-09 07:52:55.600 Manufacturer's Data Received, Property Tag=2017  
2015-02-09 07:52:55.600 Digitizer Gain & Offsets Received  
2015-02-09 07:52:55.600 Msg From 192.168.200.119:Baler XX-2017 readback. 4551 recs.  
seq end: 26675231  
2015-02-09 07:52:55.600 Baler clock set to 2015-02-09 07:52:54  
2015-02-09 07:52:55.600 Starting to Read DP Tokens  
2015-02-09 07:52:55.600 DP Tokens loaded, size=1474 bytes  
2015-02-09 07:52:55.600 webserver advertising 192.168.200.119:5380  
2015-02-09 07:52:55.600 filters & delay HHZ:1@100,Linear all=0.320000  
2015-02-09 07:52:55.600 filters & delay HH1:2@100,Linear all=0.320000  
2015-02-09 07:52:55.600 filters & delay HH2:3@100,Linear all=0.320000  
2015-02-09 07:52:55.600 filters & delay BDH:4@20,Linear all=1.650000  
2015-02-09 07:52:55.600 filters & delay LHZ:1@1,Linear all=15.000000  
2015-02-09 07:52:55.600 filters & delay LH1:2@1,Linear all=15.000000  
2015-02-09 07:52:55.600 filters & delay LH2:3@1,Linear all=15.000000  
2015-02-09 07:52:55.600 filters & delay LDH:4@1,Linear all=15.000000  
2015-02-09 07:52:55.600 [2015-02-08 19:52:02.000000] continuity found: 26675231  
476740322.000000 Q=100  
2015-02-09 07:52:55.600 [2015-02-08 19:52:02.000000] restoring continuity  
2015-02-09 07:52:55.600 Sending DT\_OPEN  
2015-02-09 07:52:55.600 Station: XX-2017  
2015-02-09 07:52:55.600 Q330 Serial Number: 0100000DB18FC351  
2015-02-09 07:52:55.600 AMB Serial Number: 0100000B6909DD82  
2015-02-09 07:52:55.600 Seismo 1 Serial Number: 0000000000000000  
2015-02-09 07:52:55.600 Seismo 2 Serial Number: 0000000000000000  
2015-02-09 07:52:55.600 QAPCHP 1 Serial Number: 4643206  
2015-02-09 07:52:55.600 QAPCHP 2 Serial Number: 3743050  
2015-02-09 07:52:55.600 KMI Property Tag Number: 2017  
2015-02-09 07:52:55.600 System Software Version: 1.146  
2015-02-09 07:52:55.600 Slave Processor Version: 1.11  
2015-02-09 07:52:55.600 Calibrator Type: QCAL330  
2015-02-09 07:52:55.600 Calibrator Version: 1.8  
2015-02-09 07:52:55.600 Auxiliary Board Type: None  
2015-02-09 07:52:55.600 Clock Type: Motorola M12  
2015-02-09 07:52:55.600 PLD Version: 7.9  
2015-02-09 07:52:55.600 Total Hours: 72564.47

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2015-02-09 07:52:55.600 Power On Hours: 37194.86  
 2015-02-09 07:52:55.600 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-09 07:52:55.600 Total Number of Boots: 120  
 2015-02-09 07:52:55.600 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-09 07:52:55.600 Total Number of Re-Syncs: 213  
 2015-02-09 07:52:55.600 Status Inputs: 00000000  
 2015-02-09 07:52:55.600 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-09 07:52:55.600 Clock Quality: 100%  
 2015-02-09 07:52:55.600 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-09 07:52:55.600 Clock Phase: 0 usec. max allowed=50000  
 2015-02-09 07:52:55.600 Boom positions:  
 2015-02-09 07:52:55.600 Ch1: -2 Ch2: 4 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-09 07:52:55.600 Analog Status  
 2015-02-09 07:52:55.600 Analog Positive Supply: 5.44v  
 2015-02-09 07:52:55.600 Input Voltage: 13.20V  
 2015-02-09 07:52:55.600 System Temperature: 5C  
 2015-02-09 07:52:55.600 Main Current: 63ma  
 2015-02-09 07:52:55.600 Antenna Current: 0ma  
 2015-02-09 07:52:55.600 GPS Status  
 2015-02-09 07:52:55.600 Time: 07:52:54  
 2015-02-09 07:52:55.600 Date:  
 2015-02-09 07:52:55.600 Fix Type: 1-D  
 2015-02-09 07:52:55.600 Height:  
 2015-02-09 07:52:55.600 Latitude:  
 2015-02-09 07:52:55.600 Longitude:  
 2015-02-09 07:52:55.600 On Time: 0min  
 2015-02-09 07:52:55.600 Sat. Used: 0  
 2015-02-09 07:52:55.600 In View: 0  
 2015-02-09 07:52:55.600 Checksum Errors: 0  
 2015-02-09 07:52:55.600 Last GPS timemark: 2015-02-09 07:52:53  
 2015-02-09 07:52:55.600 PLL Status  
 2015-02-09 07:52:55.600 State: Lock  
 2015-02-09 07:52:55.600 Initial VCO: 2201.660645  
 2015-02-09 07:52:55.600 Time Error: 0.000000  
 2015-02-09 07:52:55.600 RMS VCO: 0.000000  
 2015-02-09 07:52:55.600 Best VCO: 2201.68  
 2015-02-09 07:52:55.600 Seconds Since Track or Lock: 0.0  
 2015-02-09 07:52:55.600 Vco Control: 2201  
 2015-02-09 07:52:55.600 timing mode: external seascan  
 2015-02-09 07:52:55.600 tempco normal  
 2015-02-09 07:52:55.600 PLL update: 10s PLL lock criterion: 5us  
 2015-02-09 07:52:55.600 Pfrac: 150.00  
 2015-02-09 07:52:55.600 VCO slope: -0.0175000  
 2015-02-09 07:52:55.600 VCO intercept: 7.1100001  
 2015-02-09 07:52:55.600 Km delta: 600.000000  
 2015-02-09 07:52:55.600 Logical Port 4 Status  
 2015-02-09 07:52:55.600 Data Packets Sent: 31067737  
 2015-02-09 07:52:55.600 Flood Packets Sent: 0  
 2015-02-09 07:52:55.600 Packets Re-Sent: 49261  
 2015-02-09 07:52:55.600 Sequence Errors: 0  
 2015-02-09 07:52:55.600 Packet Buffer Used: 21998088  
 2015-02-09 07:52:55.600 Physical Port: Ethernet  
 2015-02-09 07:52:55.600 Baler Model: 14 Software Version: 2.28  
 2015-02-09 07:52:55.600 MAC Address: 00:04:FB:00:02:EA  
 2015-02-09 07:52:55.600 Disk Size: 20000669696  
 2015-02-09 07:52:55.600 Percent of 1177 data files in use: 58.7  
 2015-02-09 07:52:55.600 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-09 07:52:55.600 Channel Sensitivities (uV per count):  
 2015-02-09 07:52:55.600 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-09 07:52:55.600 Digitizer Calibration Results:  
 2015-02-09 07:52:55.600 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-09 07:52:55.600 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-09 07:52:55.600 DMU1 Software Version=10

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2015-02-09 07:52:55.600 Supply Voltage=12.7
2015-02-09 07:52:55.600 Supply Current=0.41
2015-02-09 07:52:55.600 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-09 07:52:55.600 WebLink Data Maps Restored
2015-02-09 07:52:55.600 [2015-02-08 19:52:02.000000] sequence resumes: 26675231 to
26675231
2015-02-09 07:52:55.600 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-09 07:52:54
2015-02-09 07:54:52.210 [2015-02-09 00:00:00.000001] Saving Configuration to Backup
Memory
2015-02-09 07:58:24.880 [2015-02-09 07:53:15.000000] total packets received: 49556
2015-02-09 07:58:24.880 [2015-02-09 07:53:15.000000] command timeouts: 6
2015-02-09 07:58:24.880 [2015-02-09 07:53:15.000000] out of window: 62
2015-02-09 07:58:24.880 written: HHZ-1135 HH1-1348 HH2-1367 BDH-443 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-09 07:58:24.880 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2015-02-09 07:58:24.880 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-02-09 07:58:24.880 [2015-02-09 07:53:15.000000] Done: 4437 recs. seq end:
26718504. run: 325 s
2015-02-09 19:59:19.590
2015-02-09 19:59:19.590 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-09 19:59:19.590 Control Port 2491 Opened
2015-02-09 19:59:19.590 Baler ready on Ethernet
2015-02-09 19:59:19.590 Power Cycled Baler Acknowledged
2015-02-09 19:59:19.590 Commands Accepted by Q330
2015-02-09 19:59:19.590 Access timeout: 300 sec
2015-02-09 19:59:19.590 Control Port 4023 Opened
2015-02-09 19:59:19.590 Data Port 4024 Opened
2015-02-09 19:59:19.590 Registered with Q330
2015-02-09 19:59:19.590 Combination Record Received
2015-02-09 19:59:19.590 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-09 19:59:19.590 Link Reset, starting window sequence: 49943
2015-02-09 19:59:19.590 GPS Receiver ID Received
2015-02-09 19:59:19.590 Manufacturer's Data Received, Property Tag=2017
2015-02-09 19:59:19.590 Digitizer Gain & Offsets Received
2015-02-09 19:59:19.590 Msg From 192.168.200.119:Baler XX-2017 readback. 4437 recs.
seq end: 26718504
2015-02-09 19:59:19.590 Baler clock set to 2015-02-09 19:59:18
2015-02-09 19:59:19.590 Starting to Read DP Tokens
2015-02-09 19:59:19.590 DP Tokens loaded, size=1474 bytes
2015-02-09 19:59:19.590 Webserver advertising 192.168.200.119:5380
2015-02-09 19:59:19.590 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-09 19:59:19.590 filters & delay HH1:2@100,Linear all=0.320000
2015-02-09 19:59:19.590 filters & delay HH2:3@100,Linear all=0.320000
2015-02-09 19:59:19.590 filters & delay BDH:4@20,Linear all=1.650000
2015-02-09 19:59:19.590 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-09 19:59:19.590 filters & delay LH1:2@1,Linear all=15.000000
2015-02-09 19:59:19.590 filters & delay LH2:3@1,Linear all=15.000000
2015-02-09 19:59:19.590 [2015-02-09 07:53:15.000000] continuity found: 26718504
476783595.000000 Q=100
2015-02-09 19:59:19.590 [2015-02-09 07:53:15.000000] restoring continuity
2015-02-09 19:59:19.590 Sending DT_OPEN
2015-02-09 19:59:19.590 Station: XX-2017
2015-02-09 19:59:19.590 Q330 Serial Number: 0100000DB18FC351
2015-02-09 19:59:19.590 AMB Serial Number: 0100000B6909DD82
2015-02-09 19:59:19.590 Seismo 1 Serial Number: 0000000000000000
2015-02-09 19:59:19.590 Seismo 2 Serial Number: 0000000000000000
2015-02-09 19:59:19.590 QAPCHP 1 Serial Number: 4643206
2015-02-09 19:59:19.590 QAPCHP 2 Serial Number: 3743050
2015-02-09 19:59:19.590 KMI Property Tag Number: 2017
2015-02-09 19:59:19.590 System Software Version: 1.146
2015-02-09 19:59:19.590 Slave Processor Version: 1.11

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2015-02-09 19:59:19.590 Calibrator Type: QCAL330  
 2015-02-09 19:59:19.590 Calibrator Version: 1.8  
 2015-02-09 19:59:19.590 Auxiliary Board Type: None  
 2015-02-09 19:59:19.590 Clock Type: Motorola M12  
 2015-02-09 19:59:19.590 PLD Version: 7.9  
 2015-02-09 19:59:19.590 Total Hours: 72576.58  
 2015-02-09 19:59:19.590 Power On Hours: 37206.97  
 2015-02-09 19:59:19.590 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-09 19:59:19.590 Total Number of Boots: 120  
 2015-02-09 19:59:19.590 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-09 19:59:19.590 Total Number of Re-Syncs: 213  
 2015-02-09 19:59:19.590 Status Inputs: 00000000  
 2015-02-09 19:59:19.590 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-02-09 19:59:19.590 Clock Quality: 100%  
 2015-02-09 19:59:19.590 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-09 19:59:19.590 Clock Phase: 0 usec. max allowed=50000  
 2015-02-09 19:59:19.590 Boom positions:  
 2015-02-09 19:59:19.590 Ch1: -2 Ch2: 4 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-09 19:59:19.590 Analog Status  
 2015-02-09 19:59:19.590 Analog Positive Supply: 5.46v  
 2015-02-09 19:59:19.590 Input Voltage: 13.20V  
 2015-02-09 19:59:19.590 System Temperature: 5C  
 2015-02-09 19:59:19.590 Main Current: 62ma  
 2015-02-09 19:59:19.590 Antenna Current: 0ma  
 2015-02-09 19:59:19.590 GPS Status  
 2015-02-09 19:59:19.590 Time: 19:59:18  
 2015-02-09 19:59:19.590 Date:  
 2015-02-09 19:59:19.590 Fix Type: 1-D  
 2015-02-09 19:59:19.590 Height:  
 2015-02-09 19:59:19.590 Latitude:  
 2015-02-09 19:59:19.590 Longitude:  
 2015-02-09 19:59:19.590 On Time: 0min  
 2015-02-09 19:59:19.590 Sat. Used: 0  
 2015-02-09 19:59:19.590 In View: 0  
 2015-02-09 19:59:19.590 Checksum Errors: 0  
 2015-02-09 19:59:19.590 Last GPS timemark: 2015-02-09 19:59:17  
 2015-02-09 19:59:19.590 PLL Status  
 2015-02-09 19:59:19.590 State: Lock  
 2015-02-09 19:59:19.590 Initial VCO: 2201.243896  
 2015-02-09 19:59:19.590 Time Error: -0.000001  
 2015-02-09 19:59:19.590 RMS VCO: 0.0000000  
 2015-02-09 19:59:19.590 Best VCO: 2201.32  
 2015-02-09 19:59:19.590 Seconds Since Track or Lock: 0.0  
 2015-02-09 19:59:19.590 Vco Control: 2201  
 2015-02-09 19:59:19.590 timing mode: external seascan  
 2015-02-09 19:59:19.590 tempco normal  
 2015-02-09 19:59:19.590 PLL update: 10s PLL lock criterion: 5us  
 2015-02-09 19:59:19.590 Pfrac: 150.00  
 2015-02-09 19:59:19.590 VCO slope: -0.0175000  
 2015-02-09 19:59:19.590 VCO intercept: 7.1100001  
 2015-02-09 19:59:19.590 Km delta: 600.0000000  
 2015-02-09 19:59:19.590 Logical Port 4 Status  
 2015-02-09 19:59:19.590 Data Packets Sent: 31117201  
 2015-02-09 19:59:19.590 Flood Packets Sent: 0  
 2015-02-09 19:59:19.590 Packets Re-Sent: 49343  
 2015-02-09 19:59:19.590 Sequence Errors: 0  
 2015-02-09 19:59:19.590 Packet Buffer Used: 23011252  
 2015-02-09 19:59:19.590 Physical Port: Ethernet  
 2015-02-09 19:59:19.590 Baler Model: 14 Software Version: 2.28  
 2015-02-09 19:59:19.590 MAC Address: 00:04:FB:00:02:EA  
 2015-02-09 19:59:19.590 Disk Size: 20000669696  
 2015-02-09 19:59:19.590 Percent of 1177 data files in use: 58.8  
 2015-02-09 19:59:19.590 Channels Enabled: 1234 Preamps ON channels:



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2015-02-09 19:59:19.590 Channel Sensitivities (uV per count):
2015-02-09 19:59:19.590 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-09 19:59:19.590 Digitizer Calibration Results:
2015-02-09 19:59:19.590 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-09 19:59:19.590 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-09 19:59:19.590 DMU1 Software Version=10
2015-02-09 19:59:19.590 Supply Voltage=12.7
2015-02-09 19:59:19.590 Supply Current=0.41
2015-02-09 19:59:19.590 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-09 19:59:19.590 WebLink Data Maps Restored
2015-02-09 19:59:19.590 [2015-02-09 07:53:15.000000] sequence resumes: 26718504 to
26718504
2015-02-09 19:59:19.590 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-09 19:59:18
2015-02-09 20:05:05.340 Reducing Status Polling Interval
2015-02-09 20:05:05.340 [2015-02-09 20:05:03.999998] total packets received: 52118
2015-02-09 20:05:05.340 [2015-02-09 20:05:03.999998] command timeouts: 6
2015-02-09 20:05:05.340 [2015-02-09 20:05:03.999998] out of window: 57
2015-02-09 20:05:05.340 written: HHZ-1189 HH1-1447 HH2-1479 BDH-454 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-02-09 20:05:05.340 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-28
VMZ-1 VM1-1
2015-02-09 20:05:05.340 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-09 20:05:05.340 [2015-02-09 20:05:03.999998] Done: 4706 recs. seq end:
26762413. run: 341 s
2015-02-10 08:05:59.720
2015-02-10 08:05:59.720 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-10 08:05:59.720 Control Port 2491 Opened
2015-02-10 08:05:59.720 Baler ready on Ethernet
2015-02-10 08:05:59.720 Power Cycled Baler Acknowledged
2015-02-10 08:05:59.720 Commands Accepted by Q330
2015-02-10 08:05:59.720 Access timeout: 300 sec
2015-02-10 08:05:59.720 Control Port 4023 Opened
2015-02-10 08:05:59.720 Data Port 4024 Opened
2015-02-10 08:05:59.720 Registered with Q330
2015-02-10 08:05:59.720 Combination Record Received
2015-02-10 08:05:59.720 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-10 08:05:59.720 Link Reset, starting window sequence: 36431
2015-02-10 08:05:59.720 GPS Receiver ID Received
2015-02-10 08:05:59.720 Manufacturer's Data Received, Property Tag=2017
2015-02-10 08:05:59.720 Digitizer Gain & Offsets Received
2015-02-10 08:05:59.720 Msg From 192.168.200.119:Baler XX-2017 readback. 4706 recs.
seq end: 26762413
2015-02-10 08:05:59.720 Baler clock set to 2015-02-10 08:05:58
2015-02-10 08:05:59.720 Starting to Read DP Tokens
2015-02-10 08:05:59.720 DP Tokens loaded, size=1474 bytes
2015-02-10 08:05:59.720 webserver advertising 192.168.200.119:5380
2015-02-10 08:05:59.720 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-10 08:05:59.720 filters & delay HH1:2@100,Linear all=0.320000
2015-02-10 08:05:59.720 filters & delay HH2:3@100,Linear all=0.320000
2015-02-10 08:05:59.720 filters & delay BDH:4@20,Linear all=1.650000
2015-02-10 08:05:59.720 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-10 08:05:59.720 filters & delay LH1:2@1,Linear all=15.000000
2015-02-10 08:05:59.720 filters & delay LH2:3@1,Linear all=15.000000
2015-02-10 08:05:59.720 filters & delay LDH:4@1,Linear all=15.000000
2015-02-10 08:05:59.720 [2015-02-09 20:05:03.999998] continuity found: 26762413
476827504.000000 Q=100
2015-02-10 08:05:59.720 [2015-02-09 20:05:03.999998] restoring continuity
2015-02-10 08:05:59.720 Sending DT_OPEN
2015-02-10 08:05:59.720 Station: XX-2017
2015-02-10 08:05:59.720 Q330 Serial Number: 0100000DB18FC351
2015-02-10 08:05:59.720 AMB Serial Number: 0100000B6909DD82
2015-02-10 08:05:59.720 Seismo 1 Serial Number: 0000000000000000

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2015-02-10 08:05:59.720 Seismo 2 Serial Number: 0000000000000000  
 2015-02-10 08:05:59.720 QAPCHP 1 Serial Number: 4643206  
 2015-02-10 08:05:59.720 QAPCHP 2 Serial Number: 3743050  
 2015-02-10 08:05:59.720 KMI Property Tag Number: 2017  
 2015-02-10 08:05:59.720 System Software Version: 1.146  
 2015-02-10 08:05:59.720 Slave Processor Version: 1.11  
 2015-02-10 08:05:59.720 Calibrator Type: QCAL330  
 2015-02-10 08:05:59.720 Calibrator Version: 1.8  
 2015-02-10 08:05:59.720 Auxiliary Board Type: None  
 2015-02-10 08:05:59.720 Clock Type: Motorola M12  
 2015-02-10 08:05:59.720 PLD Version: 7.9  
 2015-02-10 08:05:59.720 Total Hours: 72588.69  
 2015-02-10 08:05:59.720 Power On Hours: 37219.08  
 2015-02-10 08:05:59.720 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-10 08:05:59.720 Total Number of Boots: 120  
 2015-02-10 08:05:59.720 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-10 08:05:59.720 Total Number of Re-Syncs: 213  
 2015-02-10 08:05:59.720 Status Inputs: 00000000  
 2015-02-10 08:05:59.720 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-02-10 08:05:59.720 Clock Quality: 100%  
 2015-02-10 08:05:59.720 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-10 08:05:59.720 Clock Phase: 0 usec. max allowed=50000  
 2015-02-10 08:05:59.720 Boom positions:  
 2015-02-10 08:05:59.720 Ch1: -2 Ch2: 4 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-10 08:05:59.720 Analog Status  
 2015-02-10 08:05:59.720 Analog Positive Supply: 5.46v  
 2015-02-10 08:05:59.720 Input Voltage: 13.35V  
 2015-02-10 08:05:59.720 System Temperature: 5C  
 2015-02-10 08:05:59.720 Main Current: 61ma  
 2015-02-10 08:05:59.720 Antenna Current: 0ma  
 2015-02-10 08:05:59.720 GPS Status  
 2015-02-10 08:05:59.720 Time: 08:05:58  
 2015-02-10 08:05:59.720 Date:  
 2015-02-10 08:05:59.720 Fix Type: 1-D  
 2015-02-10 08:05:59.720 Height:  
 2015-02-10 08:05:59.720 Latitude:  
 2015-02-10 08:05:59.720 Longitude:  
 2015-02-10 08:05:59.720 On Time: 0min  
 2015-02-10 08:05:59.720 Sat. Used: 0  
 2015-02-10 08:05:59.720 In View: 0  
 2015-02-10 08:05:59.720 Checksum Errors: 0  
 2015-02-10 08:05:59.720 Last GPS timemark: 2015-02-10 08:05:57  
 2015-02-10 08:05:59.720 PLL Status  
 2015-02-10 08:05:59.720 State: Lock  
 2015-02-10 08:05:59.720 Initial VCO: 2201.249512  
 2015-02-10 08:05:59.720 Time Error: 0.000000  
 2015-02-10 08:05:59.720 RMS VCO: 0.000000  
 2015-02-10 08:05:59.720 Best VCO: 2201.23  
 2015-02-10 08:05:59.720 Seconds Since Track or Lock: 0.0  
 2015-02-10 08:05:59.720 Vco Control: 2201  
 2015-02-10 08:05:59.720 timing mode: external seascan  
 2015-02-10 08:05:59.720 tempco normal  
 2015-02-10 08:05:59.720 PLL update: 10s PLL lock criterion: 5us  
 2015-02-10 08:05:59.720 Pfrac: 150.00  
 2015-02-10 08:05:59.720 VCO slope: -0.0175000  
 2015-02-10 08:05:59.720 VCO intercept: 7.1100001  
 2015-02-10 08:05:59.720 km delta: 600.0000000  
 2015-02-10 08:05:59.720 Logical Port 4 Status  
 2015-02-10 08:05:59.720 Data Packets Sent: 31169231  
 2015-02-10 08:05:59.720 Flood Packets Sent: 0  
 2015-02-10 08:05:59.720 Packets Re-Sent: 49417  
 2015-02-10 08:05:59.720 Sequence Errors: 0  
 2015-02-10 08:05:59.720 Packet Buffer Used: 22583372

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2015-02-10 08:05:59.720 Physical Port: Ethernet
2015-02-10 08:05:59.720 Baler Model: 14 Software Version: 2.28
2015-02-10 08:05:59.720 MAC Address: 00:04:FB:00:02:EA
2015-02-10 08:05:59.720 Disk Size: 20000669696
2015-02-10 08:05:59.720 Percent of 1177 data files in use: 59.1
2015-02-10 08:05:59.720 Channels Enabled: 1234 Preamps ON channels:
2015-02-10 08:05:59.720 Channel Sensitivities (uV per count):
2015-02-10 08:05:59.720 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-10 08:05:59.720 Digitizer Calibration Results:
2015-02-10 08:05:59.720 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-10 08:05:59.720 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-10 08:05:59.720 DMU1 Software Version=10
2015-02-10 08:05:59.720 Supply Voltage=12.7
2015-02-10 08:05:59.720 Supply Current=0.40
2015-02-10 08:05:59.720 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-10 08:05:59.720 WebLink Data Maps Restored
2015-02-10 08:05:59.720 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-10 08:05:58
2015-02-10 08:07:52.430 [2015-02-10 00:00:00.000000] saving Configuration to Backup
Memory
2015-02-10 08:11:43.170 Reducing Status Polling Interval
2015-02-10 08:11:43.170 [2015-02-10 08:11:42.999998] total packets received: 51092
2015-02-10 08:11:43.170 [2015-02-10 08:11:42.999998] command timeouts: 6
2015-02-10 08:11:43.170 [2015-02-10 08:11:42.999998] out of window: 62
2015-02-10 08:11:43.170 written: HHZ-1188 HH1-1447 HH2-1385 BDH-446 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-10 08:11:43.170 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-29
VMZ-2 VM1-2
2015-02-10 08:11:43.170 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-02-10 08:11:43.170 [2015-02-10 08:11:42.999998] Done: 4617 recs. seq end:
26806012. run: 339 s
2015-02-10 20:12:36.720
2015-02-10 20:12:36.720 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-10 20:12:36.720 Control Port 2491 Opened
2015-02-10 20:12:36.720 Baler ready on Ethernet
2015-02-10 20:12:36.720 Power Cycled Baler Acknowledged
2015-02-10 20:12:36.720 Commands Accepted by Q330
2015-02-10 20:12:36.720 Access timeout: 300 sec
2015-02-10 20:12:36.720 Control Port 4023 Opened
2015-02-10 20:12:36.720 Data Port 4024 Opened
2015-02-10 20:12:36.720 Registered with Q330
2015-02-10 20:12:36.720 Combination Record Received
2015-02-10 20:12:36.720 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-10 20:12:36.720 Link Reset, starting window sequence: 21889
2015-02-10 20:12:36.720 GPS Receiver ID Received
2015-02-10 20:12:36.720 Manufacturer's Data Received, Property Tag=2017
2015-02-10 20:12:36.720 Digitizer Gain & Offsets Received
2015-02-10 20:12:36.720 Msg From 192.168.200.119:Baler XX-2017 readback. 4617 recs.
seq end: 26806012
2015-02-10 20:12:36.720 Baler clock set to 2015-02-10 20:12:35
2015-02-10 20:12:36.720 Starting to Read DP Tokens
2015-02-10 20:12:36.720 DP Tokens loaded, size=1474 bytes
2015-02-10 20:12:36.720 webserver advertising 192.168.200.119:5380
2015-02-10 20:12:36.720 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-10 20:12:36.720 filters & delay HH1:2@100,Linear all=0.320000
2015-02-10 20:12:36.720 filters & delay HH2:3@100,Linear all=0.320000
2015-02-10 20:12:36.720 filters & delay BDH:4@20,Linear all=1.650000
2015-02-10 20:12:36.720 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-10 20:12:36.720 filters & delay LH1:2@1,Linear all=15.000000
2015-02-10 20:12:36.720 filters & delay LH2:3@1,Linear all=15.000000
2015-02-10 20:12:36.720 filters & delay LDH:4@1,Linear all=15.000000
2015-02-10 20:12:36.720 [2015-02-10 08:11:42.999998] continuity found: 26806012
476871103.000000 Q=100

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2015-02-10 20:12:36.720 [2015-02-10 08:11:42.999998] restoring continuity  
 2015-02-10 20:12:36.720 Sending DT\_OPEN  
 2015-02-10 20:12:36.720 Station: XX-2017  
 2015-02-10 20:12:36.720 Q330 Serial Number: 0100000DB18FC351  
 2015-02-10 20:12:36.720 AMB Serial Number: 0100000B6909DD82  
 2015-02-10 20:12:36.720 Seismo 1 Serial Number: 0000000000000000  
 2015-02-10 20:12:36.720 Seismo 2 Serial Number: 0000000000000000  
 2015-02-10 20:12:36.720 QAPCHP 1 Serial Number: 4643206  
 2015-02-10 20:12:36.720 QAPCHP 2 Serial Number: 3743050  
 2015-02-10 20:12:36.720 KMI Property Tag Number: 2017  
 2015-02-10 20:12:36.720 System Software Version: 1.146  
 2015-02-10 20:12:36.720 Slave Processor Version: 1.11  
 2015-02-10 20:12:36.720 Calibrator Type: QCAL330  
 2015-02-10 20:12:36.720 Calibrator Version: 1.8  
 2015-02-10 20:12:36.720 Auxiliary Board Type: None  
 2015-02-10 20:12:36.720 Clock Type: Motorola M12  
 2015-02-10 20:12:36.720 PLD Version: 7.9  
 2015-02-10 20:12:36.720 Total Hours: 72600.80  
 2015-02-10 20:12:36.720 Power On Hours: 37231.19  
 2015-02-10 20:12:36.720 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-10 20:12:36.720 Total Number of Boots: 120  
 2015-02-10 20:12:36.720 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-10 20:12:36.720 Total Number of Re-Syncs: 213  
 2015-02-10 20:12:36.720 Status Inputs: 00000000  
 2015-02-10 20:12:36.720 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-02-10 20:12:36.720 Clock Quality: 100%  
 2015-02-10 20:12:36.720 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-10 20:12:36.720 Clock Phase: -2 usec. max allowed=50000  
 2015-02-10 20:12:36.720 Boom positions:  
 2015-02-10 20:12:36.720 Ch1: -2 Ch2: 3 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-10 20:12:36.720 Analog Status  
 2015-02-10 20:12:36.720 Analog Positive Supply: 5.46v  
 2015-02-10 20:12:36.720 Input Voltage: 13.20V  
 2015-02-10 20:12:36.720 System Temperature: 5C  
 2015-02-10 20:12:36.720 Main Current: 63ma  
 2015-02-10 20:12:36.720 Antenna Current: 0ma  
 2015-02-10 20:12:36.720 GPS Status  
 2015-02-10 20:12:36.720 Time: 20:12:36  
 2015-02-10 20:12:36.720 Date:  
 2015-02-10 20:12:36.720 Fix Type: 1-D  
 2015-02-10 20:12:36.720 Height:  
 2015-02-10 20:12:36.720 Latitude:  
 2015-02-10 20:12:36.720 Longitude:  
 2015-02-10 20:12:36.720 On Time: 0min  
 2015-02-10 20:12:36.720 Sat. Used: 0  
 2015-02-10 20:12:36.720 In View: 0  
 2015-02-10 20:12:36.720 Checksum Errors: 0  
 2015-02-10 20:12:36.720 Last GPS timemark: 2015-02-10 20:12:35  
 2015-02-10 20:12:36.720 PLL Status  
 2015-02-10 20:12:36.720 State: Lock  
 2015-02-10 20:12:36.720 Initial VCO: 2201.767090  
 2015-02-10 20:12:36.720 Time Error: 0.000000  
 2015-02-10 20:12:36.720 RMS VCO: 0.000000  
 2015-02-10 20:12:36.720 Best VCO: 2201.82  
 2015-02-10 20:12:36.720 Seconds Since Track or Lock: 0.0  
 2015-02-10 20:12:36.720 Vco Control: 2202  
 2015-02-10 20:12:36.720 timing mode: external seascan  
 2015-02-10 20:12:36.720 tempco normal  
 2015-02-10 20:12:36.720 PLL update: 10s PLL lock criterion: 5us  
 2015-02-10 20:12:36.720 Pfrac: 150.00  
 2015-02-10 20:12:36.720 VCO slope: -0.0175000  
 2015-02-10 20:12:36.720 VCO intercept: 7.1100001  
 2015-02-10 20:12:36.720 km delta: 600.0000000

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2015-02-10 20:12:36.720 Logical Port 4 Status  
 2015-02-10 20:12:36.720 Data Packets Sent: 31220230  
 2015-02-10 20:12:36.720 Flood Packets Sent: 0  
 2015-02-10 20:12:36.720 Packets Re-Sent: 49499  
 2015-02-10 20:12:36.720 Sequence Errors: 0  
 2015-02-10 20:12:36.720 Packet Buffer Used: 22990796  
 2015-02-10 20:12:36.720 Physical Port: Ethernet  
 2015-02-10 20:12:36.720 Baler Model: 14 Software Version: 2.28  
 2015-02-10 20:12:36.720 MAC Address: 00:04:FB:00:02:EA  
 2015-02-10 20:12:36.720 Disk Size: 20000669696  
 2015-02-10 20:12:36.720 Percent of 1177 data files in use: 59.2  
 2015-02-10 20:12:36.720 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-10 20:12:36.720 Channel Sensitivities (uV per count):  
 2015-02-10 20:12:36.720 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-10 20:12:36.720 Digitizer Calibration Results:  
 2015-02-10 20:12:36.720 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-10 20:12:36.720 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-10 20:12:36.720 DMU1 Software Version=10  
 2015-02-10 20:12:36.720 Supply Voltage=12.6  
 2015-02-10 20:12:36.720 Supply Current=0.41  
 2015-02-10 20:12:36.720 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-10 20:12:36.720 WebLink Data Maps Restored  
 2015-02-10 20:12:36.720 [2015-02-10 08:11:42.999998] sequence resumes: 26806012 to  
 26806012  
 2015-02-10 20:12:36.720 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-02-10 20:12:35  
 2015-02-10 20:18:25.940 [2015-02-10 20:18:25.999998] total packets received: 54547  
 2015-02-10 20:18:25.940 [2015-02-10 20:18:25.999998] command timeouts: 6  
 2015-02-10 20:18:25.940 [2015-02-10 20:18:25.999998] out of window: 64  
 2015-02-10 20:18:25.940 written: HHZ-1230 HH1-1451 HH2-1432 BDH-453 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-02-10 20:18:25.940 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-29 LH2-29 LDH-35  
 VMZ-2 VM1-2  
 2015-02-10 20:18:25.940 written: VM2-2 LOG-2 ACE-1 OCF-1  
 2015-02-10 20:18:25.940 [2015-02-10 20:18:25.999998] Done: 4725 recs. seq end:  
 26849615. run: 345 s  
 2015-02-11 08:19:21.740  
 2015-02-11 08:19:21.740 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-11 08:19:21.740 Control Port 2491 Opened  
 2015-02-11 08:19:21.740 Baler ready on Ethernet  
 2015-02-11 08:19:21.740 Power Cycled Baler Acknowledged  
 2015-02-11 08:19:21.740 Commands Accepted by Q330  
 2015-02-11 08:19:21.740 Access timeout: 300 sec  
 2015-02-11 08:19:21.740 Control Port 4023 Opened  
 2015-02-11 08:19:21.740 Data Port 4024 Opened  
 2015-02-11 08:19:21.740 Registered with Q330  
 2015-02-11 08:19:21.740 Combination Record Received  
 2015-02-11 08:19:21.740 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-11 08:19:21.740 Link Reset, starting window sequence: 10799  
 2015-02-11 08:19:21.740 GPS Receiver ID Received  
 2015-02-11 08:19:21.740 Manufacturer's Data Received, Property Tag=2017  
 2015-02-11 08:19:21.740 Digitizer Gain & Offsets Received  
 2015-02-11 08:19:21.740 Msg From 192.168.200.119:Baler XX-2017 readback. 4725 recs.  
 seq end: 26849615  
 2015-02-11 08:19:21.740 Baler clock set to 2015-02-11 08:19:20  
 2015-02-11 08:19:21.740 Starting to Read DP Tokens  
 2015-02-11 08:19:21.740 DP Tokens loaded, size=1474 bytes  
 2015-02-11 08:19:21.740 webserver advertising 192.168.200.119:5380  
 2015-02-11 08:19:21.740 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-02-11 08:19:21.740 filters & delay HH1:2@100,Linear all=0.320000  
 2015-02-11 08:19:21.740 filters & delay HH2:3@100,Linear all=0.320000  
 2015-02-11 08:19:21.740 filters & delay BDH:4@20,Linear all=1.650000  
 2015-02-11 08:19:21.740 filters & delay LHZ:1@1,Linear all=15.000000

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2015-02-11 08:19:21.740 filters & delay LH1:2@1,Linear all=15.000000
2015-02-11 08:19:21.740 filters & delay LH2:3@1,Linear all=15.000000
2015-02-11 08:19:21.740 filters & delay LDH:4@1,Linear all=15.000000
2015-02-11 08:19:21.740 [2015-02-10 20:18:25.999998] continuity found: 26849615
476914706.000000 Q=100
2015-02-11 08:19:21.740 [2015-02-10 20:18:25.999998] restoring continuity
2015-02-11 08:19:21.740 Sending DT_OPEN
2015-02-11 08:19:21.740 Station: XX-2017
2015-02-11 08:19:21.740 Q330 Serial Number: 0100000DB18FC351
2015-02-11 08:19:21.740 AMB Serial Number: 0100000B6909DD82
2015-02-11 08:19:21.740 Seismo 1 Serial Number: 0000000000000000
2015-02-11 08:19:21.740 Seismo 2 Serial Number: 0000000000000000
2015-02-11 08:19:21.740 QAPCHP 1 Serial Number: 4643206
2015-02-11 08:19:21.740 QAPCHP 2 Serial Number: 3743050
2015-02-11 08:19:21.740 KMI Property Tag Number: 2017
2015-02-11 08:19:21.740 System Software Version: 1.146
2015-02-11 08:19:21.740 Slave Processor Version: 1.11
2015-02-11 08:19:21.740 Calibrator Type: QCAL330
2015-02-11 08:19:21.740 Calibrator Version: 1.8
2015-02-11 08:19:21.740 Auxiliary Board Type: None
2015-02-11 08:19:21.740 Clock Type: Motorola M12
2015-02-11 08:19:21.740 PLD Version: 7.9
2015-02-11 08:19:21.740 Total Hours: 72612.92
2015-02-11 08:19:21.740 Power On Hours: 37243.30
2015-02-11 08:19:21.740 Time of Last Boot: 2014-04-06 02:03:58
2015-02-11 08:19:21.740 Total Number of Boots: 120
2015-02-11 08:19:21.740 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-11 08:19:21.740 Total Number of Re-Syncs: 213
2015-02-11 08:19:21.740 Status Inputs: 00000000
2015-02-11 08:19:21.740 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-11 08:19:21.740 Clock Quality: 100%
2015-02-11 08:19:21.740 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-11 08:19:21.740 Clock Phase: 0 usec. max allowed=50000
2015-02-11 08:19:21.740 Boom positions:
2015-02-11 08:19:21.740 Ch1: -2 Ch2: 2 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-11 08:19:21.740 Analog Status
2015-02-11 08:19:21.740 Analog Positive Supply: 5.44v
2015-02-11 08:19:21.740 Input Voltage: 13.35v
2015-02-11 08:19:21.740 Main Current: 61ma
2015-02-11 08:19:21.740 Antenna Current: 0ma
2015-02-11 08:19:21.740 GPS Status
2015-02-11 08:19:21.740 Time: 08:19:20
2015-02-11 08:19:21.740 Date:
2015-02-11 08:19:21.740 Fix Type: 1-D
2015-02-11 08:19:21.740 Height:
2015-02-11 08:19:21.740 Latitude:
2015-02-11 08:19:21.740 Longitude:
2015-02-11 08:19:21.740 On Time: 0min
2015-02-11 08:19:21.740 Sat. Used: 0
2015-02-11 08:19:21.740 In View: 0
2015-02-11 08:19:21.740 Checksum Errors: 0
2015-02-11 08:19:21.740 Last GPS timemark: 2015-02-11 08:19:19
2015-02-11 08:19:21.740 PLL Status
2015-02-11 08:19:21.740 State: Lock
2015-02-11 08:19:21.740 Initial VCO: 2201.659912
2015-02-11 08:19:21.740 Time Error: 0.000000
2015-02-11 08:19:21.740 RMS VCO: 0.0000000
2015-02-11 08:19:21.740 Best VCO: 2201.73
2015-02-11 08:19:21.740 Seconds Since Track or Lock: 0.0
2015-02-11 08:19:21.740 Vco Control: 2201
2015-02-11 08:19:21.740 timing mode: external seascan
2015-02-11 08:19:21.740 tempco normal
2015-02-11 08:19:21.740 PLL update: 10s PLL lock criterion: 5us

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2015-02-11 08:19:21.740 Pfrac: 150.00  
 2015-02-11 08:19:21.740 VCO slope: -0.0175000  
 2015-02-11 08:19:21.740 VCO intercept: 7.1100001  
 2015-02-11 08:19:21.740 km delta: 600.0000000  
 2015-02-11 08:19:21.740 Logical Port 4 Status  
 2015-02-11 08:19:21.740 Data Packets Sent: 31274682  
 2015-02-11 08:19:21.740 Flood Packets Sent: 0  
 2015-02-11 08:19:21.740 Packets Re-Sent: 49581  
 2015-02-11 08:19:21.740 Sequence Errors: 0  
 2015-02-11 08:19:21.740 Packet Buffer Used: 23860164  
 2015-02-11 08:19:21.740 Physical Port: Ethernet  
 2015-02-11 08:19:21.740 Baler Model: 14 Software Version: 2.28  
 2015-02-11 08:19:21.740 MAC Address: 00:04:FB:00:02:EA  
 2015-02-11 08:19:21.740 Disk Size: 20000669696  
 2015-02-11 08:19:21.740 Percent of 1177 data files in use: 59.3  
 2015-02-11 08:19:21.740 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-11 08:19:21.740 Channel Sensitivities (uV per count):  
 2015-02-11 08:19:21.740 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-11 08:19:21.740 Digitizer Calibration Results:  
 2015-02-11 08:19:21.740 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-11 08:19:21.740 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-11 08:19:21.740 DMU1 Software Version=10  
 2015-02-11 08:19:21.740 Supply Voltage=12.7  
 2015-02-11 08:19:21.740 Supply Current=0.40  
 2015-02-11 08:19:21.740 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-11 08:19:21.740 webLink Data Maps Restored  
 2015-02-11 08:19:21.740 [2015-02-10 20:18:25.999998] sequence resumes: 26849615 to  
 26849615  
 2015-02-11 08:19:21.740 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-11 08:19:20  
 2015-02-11 08:21:11.920 [2015-02-11 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2015-02-11 08:25:38.090 Reducing Status Polling Interval  
 2015-02-11 08:25:38.090 [2015-02-11 08:25:36.999998] total packets received: 69122  
 2015-02-11 08:25:38.090 [2015-02-11 08:25:36.999998] command timeouts: 6  
 2015-02-11 08:25:38.090 [2015-02-11 08:25:36.999998] out of window: 78  
 2015-02-11 08:25:38.090 written: HHZ-1300 HH1-1500 HH2-1501 BDH-461 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2015-02-11 08:25:38.090 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-30 LH2-32 LDH-41  
 VMZ-1 VM1-1  
 2015-02-11 08:25:38.090 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-02-11 08:25:38.090 [2015-02-11 08:25:36.999998] Done: 4931 recs. seq end:  
 26893246. run: 372 s  
 2015-02-11 20:26:33.730  
 2015-02-11 20:26:33.730 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-11 20:26:33.730 Control Port 2491 Opened  
 2015-02-11 20:26:33.730 Baler ready on Ethernet  
 2015-02-11 20:26:33.730 Power Cycled Baler Acknowledged  
 2015-02-11 20:26:33.730 Commands Accepted by Q330  
 2015-02-11 20:26:33.730 Access timeout: 300 sec  
 2015-02-11 20:26:33.730 Control Port 4023 Opened  
 2015-02-11 20:26:33.730 Data Port 4024 Opened  
 2015-02-11 20:26:33.730 Registered with Q330  
 2015-02-11 20:26:33.730 Combination Record Received  
 2015-02-11 20:26:33.730 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-11 20:26:33.730 Link Reset, starting window sequence: 14268  
 2015-02-11 20:26:33.730 GPS Receiver ID Received  
 2015-02-11 20:26:33.730 Manufacturer's Data Received, Property Tag=2017  
 2015-02-11 20:26:33.730 Digitizer Gain & Offsets Received  
 2015-02-11 20:26:33.730 Msg From 192.168.200.119:Baler XX-2017 readback. 4931 recs.  
 seq end: 26893246  
 2015-02-11 20:26:33.730 Baler clock set to 2015-02-11 20:26:32  
 2015-02-11 20:26:33.730 Starting to Read DP Tokens

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2015-02-11 20:26:33.730 DP Tokens loaded, size=1474 bytes
2015-02-11 20:26:33.730 Webserver advertising 192.168.200.119:5380
2015-02-11 20:26:33.730 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-11 20:26:33.730 filters & delay HH1:2@100,Linear all=0.320000
2015-02-11 20:26:33.730 filters & delay HH2:3@100,Linear all=0.320000
2015-02-11 20:26:33.730 filters & delay BDH:4@20,Linear all=1.650000
2015-02-11 20:26:33.730 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-11 20:26:33.730 filters & delay LH1:2@1,Linear all=15.000000
2015-02-11 20:26:33.730 filters & delay LH2:3@1,Linear all=15.000000
2015-02-11 20:26:33.730 filters & delay LDH:4@1,Linear all=15.000000
2015-02-11 20:26:33.730 [2015-02-11 08:25:36.999998] continuity found: 26893246
476958337.000000 Q=100
2015-02-11 20:26:33.730 [2015-02-11 08:25:36.999998] restoring continuity
2015-02-11 20:26:33.730 Sending DT_OPEN
2015-02-11 20:26:33.730 Station: XX-2017
2015-02-11 20:26:33.730 Q330 Serial Number: 0100000DB18FC351
2015-02-11 20:26:33.730 AMB Serial Number: 0100000B6909DD82
2015-02-11 20:26:33.730 Seismo 1 Serial Number: 0000000000000000
2015-02-11 20:26:33.730 Seismo 2 Serial Number: 0000000000000000
2015-02-11 20:26:33.730 QAPCHP 1 Serial Number: 4643206
2015-02-11 20:26:33.730 QAPCHP 2 Serial Number: 3743050
2015-02-11 20:26:33.730 KMI Property Tag Number: 2017
2015-02-11 20:26:33.730 System Software Version: 1.146
2015-02-11 20:26:33.730 Slave Processor Version: 1.11
2015-02-11 20:26:33.730 Calibrator Type: QCAL330
2015-02-11 20:26:33.730 Calibrator Version: 1.8
2015-02-11 20:26:33.730 Auxiliary Board Type: None
2015-02-11 20:26:33.730 Clock Type: Motorola M12
2015-02-11 20:26:33.730 PLD Version: 7.9
2015-02-11 20:26:33.730 Total Hours: 72625.04
2015-02-11 20:26:33.730 Power On Hours: 37255.42
2015-02-11 20:26:33.730 Time of Last Boot: 2014-04-06 02:03:58
2015-02-11 20:26:33.730 Total Number of Boots: 120
2015-02-11 20:26:33.730 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-11 20:26:33.730 Total Number of Re-Syncs: 213
2015-02-11 20:26:33.730 Status Inputs: 00000000
2015-02-11 20:26:33.730 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-11 20:26:33.730 Clock Quality: 100%
2015-02-11 20:26:33.730 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-11 20:26:33.730 Clock Phase: 0 usec. max allowed=50000
2015-02-11 20:26:33.730 Boom positions:
2015-02-11 20:26:33.730 Ch1: -2 Ch2: 2 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-11 20:26:33.730 Analog Status
2015-02-11 20:26:33.730 Analog Positive Supply: 5.46V
2015-02-11 20:26:33.730 Input Voltage: 13.35V
2015-02-11 20:26:33.730 System Temperature: 5C
2015-02-11 20:26:33.730 Main Current: 62ma
2015-02-11 20:26:33.730 Antenna Current: 0ma
2015-02-11 20:26:33.730 GPS Status
2015-02-11 20:26:33.730 Time: 20:26:32
2015-02-11 20:26:33.730 Date:
2015-02-11 20:26:33.730 Fix Type: 1-D
2015-02-11 20:26:33.730 Height:
2015-02-11 20:26:33.730 Latitude:
2015-02-11 20:26:33.730 Longitude:
2015-02-11 20:26:33.730 On Time: 0min
2015-02-11 20:26:33.730 Sat. Used: 0
2015-02-11 20:26:33.730 In View: 0
2015-02-11 20:26:33.730 Checksum Errors: 0
2015-02-11 20:26:33.730 Last GPS timemark: 2015-02-11 20:26:31
2015-02-11 20:26:33.730 PLL Status
2015-02-11 20:26:33.730 State: Lock
2015-02-11 20:26:33.730 Initial VCO: 2201.447754

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2015-02-11 20:26:33.730 Time Error: 0.000000
2015-02-11 20:26:33.730 RMS VCO: 0.0000000
2015-02-11 20:26:33.730 Best VCO: 2201.47
2015-02-11 20:26:33.730 Seconds Since Track or Lock: 0.0
2015-02-11 20:26:33.730 Vco Control: 2201
2015-02-11 20:26:33.730 timing mode: external seascan
2015-02-11 20:26:33.730 tempco normal
2015-02-11 20:26:33.730 PLL update: 10s PLL lock criterion: 5us
2015-02-11 20:26:33.730 Pfrac: 150.00
2015-02-11 20:26:33.730 VCO slope: -0.0175000
2015-02-11 20:26:33.730 VCO intercept: 7.1100001
2015-02-11 20:26:33.730 km delta: 600.0000000
2015-02-11 20:26:33.730 Logical Port 4 Status
2015-02-11 20:26:33.730 Data Packets Sent: 31343693
2015-02-11 20:26:33.730 Flood Packets Sent: 0
2015-02-11 20:26:33.730 Packets Re-Sent: 49677
2015-02-11 20:26:33.730 Sequence Errors: 0
2015-02-11 20:26:33.730 Packet Buffer Used: 24065644
2015-02-11 20:26:33.730 Physical Port: Ethernet
2015-02-11 20:26:33.730 Baler Model: 14 Software Version: 2.28
2015-02-11 20:26:33.730 MAC Address: 00:04:FB:00:02:EA
2015-02-11 20:26:33.730 Disk Size: 20000669696
2015-02-11 20:26:33.730 Percent of 1177 data files in use: 59.6
2015-02-11 20:26:33.730 Channels Enabled: 1234 Preamps ON channels:
2015-02-11 20:26:33.730 Channel Sensitivities (uV per count):
2015-02-11 20:26:33.730 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-11 20:26:33.730 Digitizer Calibration Results:
2015-02-11 20:26:33.730 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-11 20:26:33.730 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-11 20:26:33.730 DMU1 Software Version=10
2015-02-11 20:26:33.730 Supply Voltage=12.6
2015-02-11 20:26:33.730 Supply Current=0.41
2015-02-11 20:26:33.730 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-11 20:26:33.730 WebLink Data Maps Restored
2015-02-11 20:26:33.730 [2015-02-11 08:25:36.999998] sequence resumes: 26893246 to
26893246
2015-02-11 20:26:33.730 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-02-11 20:26:32
2015-02-11 20:32:40.910 [2015-02-11 20:26:01.000000] total packets received: 70880
2015-02-11 20:32:40.910 [2015-02-11 20:26:01.000000] command timeouts: 6
2015-02-11 20:32:40.910 [2015-02-11 20:26:01.000000] out of window: 65
2015-02-11 20:32:40.910 written: HHZ-1296 HH1-1510 HH2-1505 BDH-456 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-11 20:32:40.910 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-31 LH2-32 LDH-41
VMZ-2 VM1-2
2015-02-11 20:32:40.910 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-11 20:32:40.910 [2015-02-11 20:26:01.000000] Done: 4942 recs. seq end:
26936470. run: 365 s
2015-02-12 08:33:37.700
2015-02-12 08:33:37.700 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-12 08:33:37.700 Control Port 2491 Opened
2015-02-12 08:33:37.700 Baler ready on Ethernet
2015-02-12 08:33:37.700 Power Cycled Baler Acknowledged
2015-02-12 08:33:37.700 Commands Accepted by Q330
2015-02-12 08:33:37.700 Access timeout: 300 sec
2015-02-12 08:33:37.700 Control Port 4023 Opened
2015-02-12 08:33:37.700 Data Port 4024 Opened
2015-02-12 08:33:37.700 Registered with Q330
2015-02-12 08:33:37.700 Combination Record Received
2015-02-12 08:33:37.700 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-12 08:33:37.700 Link Reset, starting window sequence: 19508
2015-02-12 08:33:37.700 GPS Receiver ID Received
2015-02-12 08:33:37.700 Manufacturer's Data Received, Property Tag=2017

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2015-02-12 08:33:37.700 Digitizer Gain & Offsets Received
2015-02-12 08:33:37.700 Msg From 192.168.200.119:Baler XX-2017 readback. 4942 recs.
seq end: 26936470
2015-02-12 08:33:37.700 Baler clock set to 2015-02-12 08:33:36
2015-02-12 08:33:37.700 Starting to Read DP Tokens
2015-02-12 08:33:37.700 DP Tokens loaded, size=1474 bytes
2015-02-12 08:33:37.700 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-12 08:33:37.700 filters & delay HH1:2@100,Linear all=0.320000
2015-02-12 08:33:37.700 filters & delay HH2:3@100,Linear all=0.320000
2015-02-12 08:33:37.700 filters & delay BDH:4@20,Linear all=1.650000
2015-02-12 08:33:37.700 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-12 08:33:37.700 filters & delay LH1:2@1,Linear all=15.000000
2015-02-12 08:33:37.700 filters & delay LH2:3@1,Linear all=15.000000
2015-02-12 08:33:37.700 filters & delay LDH:4@1,Linear all=15.000000
2015-02-12 08:33:37.700 [2015-02-11 20:26:01.000000] continuity found: 26936470
477001561.000000 Q=100
2015-02-12 08:33:37.700 [2015-02-11 20:26:01.000000] restoring continuity
2015-02-12 08:33:37.700 Sending DT_OPEN
2015-02-12 08:33:37.700 Station: XX-2017
2015-02-12 08:33:37.700 Q330 Serial Number: 0100000DB18FC351
2015-02-12 08:33:37.700 AMB Serial Number: 0100000B6909DD82
2015-02-12 08:33:37.700 Seismo 1 Serial Number: 0000000000000000
2015-02-12 08:33:37.700 Seismo 2 Serial Number: 0000000000000000
2015-02-12 08:33:37.700 QAPCHP 1 Serial Number: 4643206
2015-02-12 08:33:37.700 QAPCHP 2 Serial Number: 3743050
2015-02-12 08:33:37.700 KMI Property Tag Number: 2017
2015-02-12 08:33:37.700 System Software Version: 1.146
2015-02-12 08:33:37.700 Slave Processor Version: 1.11
2015-02-12 08:33:37.700 Calibrator Type: QCAL330
2015-02-12 08:33:37.700 Calibrator Version: 1.8
2015-02-12 08:33:37.700 Auxiliary Board Type: None
2015-02-12 08:33:37.700 Clock Type: Motorola M12
2015-02-12 08:33:37.700 PLD Version: 7.9
2015-02-12 08:33:37.700 Total Hours: 72637.15
2015-02-12 08:33:37.700 Power On Hours: 37267.54
2015-02-12 08:33:37.700 Time of Last Boot: 2014-04-06 02:03:58
2015-02-12 08:33:37.700 Total Number of Boots: 120
2015-02-12 08:33:37.700 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-12 08:33:37.700 Total Number of Re-Syncs: 213
2015-02-12 08:33:37.700 Status Inputs: 00000000
2015-02-12 08:33:37.700 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-12 08:33:37.700 Clock Quality: 100%
2015-02-12 08:33:37.700 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-12 08:33:37.700 Clock Phase: 0 usec. max allowed=50000
2015-02-12 08:33:37.700 Boom positions:
2015-02-12 08:33:37.700 ch1: -2 ch2: -1 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2015-02-12 08:33:37.700 Analog Status
2015-02-12 08:33:37.700 Analog Positive Supply: 5.46V
2015-02-12 08:33:37.700 Input Voltage: 13.05V
2015-02-12 08:33:37.700 System Temperature: 5C
2015-02-12 08:33:37.700 Main Current: 68ma
2015-02-12 08:33:37.700 Antenna Current: 0ma
2015-02-12 08:33:37.700 GPS Status
2015-02-12 08:33:37.700 Time: 08:33:36
2015-02-12 08:33:37.700 Date:
2015-02-12 08:33:37.700 Fix Type: 1-D
2015-02-12 08:33:37.700 Height:
2015-02-12 08:33:37.700 Latitude:
2015-02-12 08:33:37.700 Longitude:
2015-02-12 08:33:37.700 On Time: 0min
2015-02-12 08:33:37.700 Sat. Used: 0
2015-02-12 08:33:37.700 In View: 0
2015-02-12 08:33:37.700 Checksum Errors: 0

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2015-02-12 08:33:37.700 Last GPS timemark: 2015-02-12 08:33:35  
 2015-02-12 08:33:37.700 PLL Status  
 2015-02-12 08:33:37.700 State: Lock  
 2015-02-12 08:33:37.700 Initial VCO: 2201.340088  
 2015-02-12 08:33:37.700 Time Error: 0.000000  
 2015-02-12 08:33:37.700 RMS VCO: 0.000000  
 2015-02-12 08:33:37.700 Best VCO: 2201.33  
 2015-02-12 08:33:37.700 Seconds Since Track or Lock: 0.0  
 2015-02-12 08:33:37.700 Vco Control: 2201  
 2015-02-12 08:33:37.700 timing mode: external seascan  
 2015-02-12 08:33:37.700 tempco normal  
 2015-02-12 08:33:37.700 PLL update: 10s PLL lock criterion: 5us  
 2015-02-12 08:33:37.700 Pfrac: 150.00  
 2015-02-12 08:33:37.700 VCO slope: -0.0175000  
 2015-02-12 08:33:37.700 VCO intercept: 7.1100001  
 2015-02-12 08:33:37.700 km delta: 600.0000000  
 2015-02-12 08:33:37.700 Logical Port 4 Status  
 2015-02-12 08:33:37.700 Data Packets Sent: 31414476  
 2015-02-12 08:33:37.700 Flood Packets Sent: 0  
 2015-02-12 08:33:37.700 Packets Re-Sent: 49761  
 2015-02-12 08:33:37.700 Sequence Errors: 0  
 2015-02-12 08:33:37.700 Packet Buffer Used: 23784824  
 2015-02-12 08:33:37.700 Physical Port: Ethernet  
 2015-02-12 08:33:37.700 Baler Model: 14 Software Version: 2.28  
 2015-02-12 08:33:37.700 MAC Address: 00:04:FB:00:02:EA  
 2015-02-12 08:33:37.700 Disk Size: 20000669696  
 2015-02-12 08:33:37.700 Percent of 1177 data files in use: 59.6  
 2015-02-12 08:33:37.700 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-12 08:33:37.700 Channel Sensitivities (uV per count):  
 2015-02-12 08:33:37.700 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-12 08:33:37.700 Digitizer Calibration Results:  
 2015-02-12 08:33:37.700 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-12 08:33:37.700 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-12 08:33:37.700 DMU1 Software Version=10  
 2015-02-12 08:33:37.700 Supply Voltage=12.6  
 2015-02-12 08:33:37.700 Supply Current=0.41  
 2015-02-12 08:33:37.700 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-12 08:33:37.700 webLink Data Maps Restored  
 2015-02-12 08:33:37.700 [2015-02-11 20:26:01.000000] sequence resumes overlapping:  
 26936470 to 26936469  
 2015-02-12 08:33:37.700 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-02-12 08:33:36  
 2015-02-12 08:35:23.380 [2015-02-12 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2015-02-12 08:39:40.100 Reducing Status Polling Interval  
 2015-02-12 08:39:40.100 [2015-02-12 08:39:38.999998] total packets received: 63698  
 2015-02-12 08:39:40.100 [2015-02-12 08:39:38.999998] command timeouts: 6  
 2015-02-12 08:39:40.100 [2015-02-12 08:39:38.999998] out of window: 55  
 2015-02-12 08:39:40.100 written: HHZ-1267 HH1-1493 HH2-1516 BDH-461 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-02-12 08:39:40.100 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-27 LH2-28 LDH-39  
 VMZ-2 VM1-2  
 2015-02-12 08:39:40.100 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-3  
 2015-02-12 08:39:40.100 [2015-02-12 08:39:38.999998] Done: 4903 recs. seq end:  
 26980488. run: 359 s  
 2015-02-12 20:40:35.790  
 2015-02-12 20:40:35.790 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-12 20:40:35.790 Control Port 2491 Opened  
 2015-02-12 20:40:35.790 Baler ready on Ethernet  
 2015-02-12 20:40:35.790 Power Cycled Baler Acknowledged  
 2015-02-12 20:40:35.790 Commands Accepted by Q330  
 2015-02-12 20:40:35.790 Access timeout: 300 sec  
 2015-02-12 20:40:35.790 Control Port 4023 Opened

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2015-02-12 20:40:35.790 Data Port 4024 Opened
2015-02-12 20:40:35.790 Registered with Q330
2015-02-12 20:40:35.790 Combination Record Received
2015-02-12 20:40:35.790 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-12 20:40:35.790 Link Reset, starting window sequence: 17577
2015-02-12 20:40:35.790 GPS Receiver ID Received
2015-02-12 20:40:35.790 Manufacturer's Data Received, Property Tag=2017
2015-02-12 20:40:35.790 Digitizer Gain & Offsets Received
2015-02-12 20:40:35.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4903 recs.
seq end: 26980488
2015-02-12 20:40:35.790 Baler clock set to 2015-02-12 20:40:34
2015-02-12 20:40:35.790 Starting to Read DP Tokens
2015-02-12 20:40:35.790 DP Tokens loaded, size=1474 bytes
2015-02-12 20:40:35.790 webserver advertising 192.168.200.119:5380
2015-02-12 20:40:35.790 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-12 20:40:35.790 filters & delay HH1:2@100,Linear all=0.320000
2015-02-12 20:40:35.790 filters & delay HH2:3@100,Linear all=0.320000
2015-02-12 20:40:35.790 filters & delay BDH:4@20,Linear all=1.650000
2015-02-12 20:40:35.790 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-12 20:40:35.790 filters & delay LH1:2@1,Linear all=15.000000
2015-02-12 20:40:35.790 filters & delay LH2:3@1,Linear all=15.000000
2015-02-12 20:40:35.790 filters & delay LDH:4@1,Linear all=15.000000
2015-02-12 20:40:35.790 [2015-02-12 08:39:38.999998] continuity found: 26980488
477045579.000000 Q=100
2015-02-12 20:40:35.790 [2015-02-12 08:39:38.999998] restoring continuity
2015-02-12 20:40:35.790 Sending DT_OPEN
2015-02-12 20:40:35.790 Station: XX-2017
2015-02-12 20:40:35.790 Q330 Serial Number: 0100000DB18FC351
2015-02-12 20:40:35.790 AMB Serial Number: 0100000B6909DD82
2015-02-12 20:40:35.790 Seismo 1 Serial Number: 0000000000000000
2015-02-12 20:40:35.790 Seismo 2 Serial Number: 0000000000000000
2015-02-12 20:40:35.790 QAPCHP 1 Serial Number: 4643206
2015-02-12 20:40:35.790 QAPCHP 2 Serial Number: 3743050
2015-02-12 20:40:35.790 KMI Property Tag Number: 2017
2015-02-12 20:40:35.790 System Software Version: 1.146
2015-02-12 20:40:35.790 Slave Processor Version: 1.11
2015-02-12 20:40:35.790 Calibrator Type: QCAL330
2015-02-12 20:40:35.790 Calibrator Version: 1.8
2015-02-12 20:40:35.790 Auxiliary Board Type: None
2015-02-12 20:40:35.790 Clock Type: Motorola M12
2015-02-12 20:40:35.790 PLD Version: 7.9
2015-02-12 20:40:35.790 Total Hours: 72649.27
2015-02-12 20:40:35.790 Power On Hours: 37279.66
2015-02-12 20:40:35.790 Time of Last Boot: 2014-04-06 02:03:58
2015-02-12 20:40:35.790 Total Number of Boots: 120
2015-02-12 20:40:35.790 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-12 20:40:35.790 Total Number of Re-Syncs: 213
2015-02-12 20:40:35.790 Status Inputs: 00000000
2015-02-12 20:40:35.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-12 20:40:35.790 Clock Quality: 100%
2015-02-12 20:40:35.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-12 20:40:35.790 Clock Phase: 0 usec. max allowed=50000
2015-02-12 20:40:35.790 Boom positions:
2015-02-12 20:40:35.790 ch1: -2 ch2: 1 ch3: 4 ch4: 20 ch5: 20 ch6: 20
2015-02-12 20:40:35.790 Analog Status
2015-02-12 20:40:35.790 Analog Positive Supply: 5.46V
2015-02-12 20:40:35.790 Input Voltage: 13.20V
2015-02-12 20:40:35.790 System Temperature: 5C
2015-02-12 20:40:35.790 Main Current: 62ma
2015-02-12 20:40:35.790 Antenna Current: 0ma
2015-02-12 20:40:35.790 GPS Status
2015-02-12 20:40:35.790 Time: 20:40:34
2015-02-12 20:40:35.790 Date:

```

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2015-02-12 20:40:35.790 Fix Type: 1-D  
 2015-02-12 20:40:35.790 Height:  
 2015-02-12 20:40:35.790 Latitude:  
 2015-02-12 20:40:35.790 Longitude:  
 2015-02-12 20:40:35.790 On Time: 0min  
 2015-02-12 20:40:35.790 Sat. Used: 0  
 2015-02-12 20:40:35.790 In View: 0  
 2015-02-12 20:40:35.790 Checksum Errors: 0  
 2015-02-12 20:40:35.790 Last GPS timemark: 2015-02-12 20:40:33  
 2015-02-12 20:40:35.790 PLL Status  
 2015-02-12 20:40:35.790 State: Lock  
 2015-02-12 20:40:35.790 Initial VCO: 2201.440186  
 2015-02-12 20:40:35.790 Time Error: 0.000000  
 2015-02-12 20:40:35.790 RMS VCO: 0.000000  
 2015-02-12 20:40:35.790 Best VCO: 2201.54  
 2015-02-12 20:40:35.790 Seconds Since Track or Lock: 0.0  
 2015-02-12 20:40:35.790 Vco Control: 2201  
 2015-02-12 20:40:35.790 timing mode: external seascan  
 2015-02-12 20:40:35.790 tempco normal  
 2015-02-12 20:40:35.790 PLL update: 10s PLL lock criterion: 5us  
 2015-02-12 20:40:35.790 Pfrac: 150.00  
 2015-02-12 20:40:35.790 VCO slope: -0.0175000  
 2015-02-12 20:40:35.790 VCO intercept: 7.1100001  
 2015-02-12 20:40:35.790 km delta: 600.0000000  
 2015-02-12 20:40:35.790 Logical Port 4 Status  
 2015-02-12 20:40:35.790 Data Packets Sent: 31478087  
 2015-02-12 20:40:35.790 Flood Packets Sent: 0  
 2015-02-12 20:40:35.790 Packets Re-Sent: 49831  
 2015-02-12 20:40:35.790 Sequence Errors: 0  
 2015-02-12 20:40:35.790 Packet Buffer Used: 22709604  
 2015-02-12 20:40:35.790 Physical Port: Ethernet  
 2015-02-12 20:40:35.790 Baler Model: 14 Software Version: 2.28  
 2015-02-12 20:40:35.790 MAC Address: 00:04:FB:00:02:EA  
 2015-02-12 20:40:35.790 Disk Size: 20000669696  
 2015-02-12 20:40:35.790 Percent of 1177 data files in use: 59.7  
 2015-02-12 20:40:35.790 Channel Sensitivities (uV per count):  
 2015-02-12 20:40:35.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-12 20:40:35.790 Digitizer Calibration Results:  
 2015-02-12 20:40:35.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-12 20:40:35.790 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-12 20:40:35.790 DMU1 Software Version=10  
 2015-02-12 20:40:35.790 Supply Voltage=12.6  
 2015-02-12 20:40:35.790 Supply Current=0.41  
 2015-02-12 20:40:35.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-12 20:40:35.790 WebLink Data Maps Restored  
 2015-02-12 20:40:35.790 [2015-02-12 08:39:38.999998] sequence resumes: 26980488 to 26980488  
 2015-02-12 20:40:35.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-12 20:40:34  
 2015-02-12 20:46:22.040 Reducing Status Polling Interval  
 2015-02-12 20:46:22.040 [2015-02-12 20:46:21.000000] total packets received: 50276  
 2015-02-12 20:46:22.040 [2015-02-12 20:46:21.000000] command timeouts: 6  
 2015-02-12 20:46:22.040 [2015-02-12 20:46:21.000000] out of window: 69  
 2015-02-12 20:46:22.040 written: HHZ-1194 HH1-1412 HH2-1442 BDH-451 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-02-12 20:46:22.040 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-31  
 VMZ-1 VM1-1  
 2015-02-12 20:46:22.040 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-02-12 20:46:22.040 [2015-02-12 20:46:21.000000] Done: 4642 recs. seq end:  
 27024090. run: 341 s  
 2015-02-13 08:47:18.730  
 2015-02-13 08:47:18.730 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-13 08:47:18.730 Control Port 2491 Opened

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2015-02-13 08:47:18.730 Baler ready on Ethernet  
 2015-02-13 08:47:18.730 Power Cycled Baler Acknowledged  
 2015-02-13 08:47:18.730 Commands Accepted by Q330  
 2015-02-13 08:47:18.730 Access timeout: 300 sec  
 2015-02-13 08:47:18.730 Control Port 4023 Opened  
 2015-02-13 08:47:18.730 Data Port 4024 Opened  
 2015-02-13 08:47:18.730 Registered with Q330  
 2015-02-13 08:47:18.730 Combination Record Received  
 2015-02-13 08:47:18.730 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-13 08:47:18.730 Link Reset, starting window sequence: 2212  
 2015-02-13 08:47:18.730 GPS Receiver ID Received  
 2015-02-13 08:47:18.730 Manufacturer's Data Received, Property Tag=2017  
 2015-02-13 08:47:18.730 Digitizer Gain & Offsets Received  
 2015-02-13 08:47:18.730 Msg From 192.168.200.119:Baler XX-2017 readback. 4642 recs.  
 seq end: 27024090  
 2015-02-13 08:47:18.730 Baler clock set to 2015-02-13 08:47:17  
 2015-02-13 08:47:18.730 Starting to Read DP Tokens  
 2015-02-13 08:47:18.730 DP Tokens loaded, size=1474 bytes  
 2015-02-13 08:47:18.730 webserver advertising 192.168.200.119:5380  
 2015-02-13 08:47:18.730 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-02-13 08:47:18.730 filters & delay HH1:2@100,Linear all=0.320000  
 2015-02-13 08:47:18.730 filters & delay HH2:3@100,Linear all=0.320000  
 2015-02-13 08:47:18.730 filters & delay BDH:4@20,Linear all=1.650000  
 2015-02-13 08:47:18.730 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-02-13 08:47:18.730 filters & delay LH1:2@1,Linear all=15.000000  
 2015-02-13 08:47:18.730 filters & delay LH2:3@1,Linear all=15.000000  
 2015-02-13 08:47:18.730 filters & delay LDH:4@1,Linear all=15.000000  
 2015-02-13 08:47:18.730 [2015-02-12 20:46:21.000000] continuity found: 27024090  
 477089181.000000 Q=100  
 2015-02-13 08:47:18.730 [2015-02-12 20:46:21.000000] restoring continuity  
 2015-02-13 08:47:18.730 Sending DT\_OPEN  
 2015-02-13 08:47:18.730 Station: XX-2017  
 2015-02-13 08:47:18.730 Q330 Serial Number: 0100000DB18FC351  
 2015-02-13 08:47:18.730 AMB Serial Number: 0100000B6909DD82  
 2015-02-13 08:47:18.730 Seismo 1 Serial Number: 0000000000000000  
 2015-02-13 08:47:18.730 Seismo 2 Serial Number: 0000000000000000  
 2015-02-13 08:47:18.730 QAPCHP 1 Serial Number: 4643206  
 2015-02-13 08:47:18.730 QAPCHP 2 Serial Number: 3743050  
 2015-02-13 08:47:18.730 KMI Property Tag Number: 2017  
 2015-02-13 08:47:18.730 System Software Version: 1.146  
 2015-02-13 08:47:18.730 Slave Processor Version: 1.11  
 2015-02-13 08:47:18.730 Calibrator Type: QCAL330  
 2015-02-13 08:47:18.730 Calibrator Version: 1.8  
 2015-02-13 08:47:18.730 Auxiliary Board Type: None  
 2015-02-13 08:47:18.730 Clock Type: Motorola M12  
 2015-02-13 08:47:18.730 PLD Version: 7.9  
 2015-02-13 08:47:18.730 Total Hours: 72661.38  
 2015-02-13 08:47:18.730 Power On Hours: 37291.77  
 2015-02-13 08:47:18.730 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-13 08:47:18.730 Total Number of Boots: 120  
 2015-02-13 08:47:18.730 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-13 08:47:18.730 Total Number of Re-Syncs: 213  
 2015-02-13 08:47:18.730 Status Inputs: 00000000  
 2015-02-13 08:47:18.730 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-13 08:47:18.730 Clock Quality: 100%  
 2015-02-13 08:47:18.730 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-13 08:47:18.730 Clock Phase: 0 usec. max allowed=50000  
 2015-02-13 08:47:18.730 Boom positions:  
 2015-02-13 08:47:18.730 Ch1: -2 Ch2: 1 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-13 08:47:18.730 Analog Status  
 2015-02-13 08:47:18.730 Analog Positive Supply: 5.46v  
 2015-02-13 08:47:18.730 Input Voltage: 13.20v  
 2015-02-13 08:47:18.730 System Temperature: 5C

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2015-02-13 08:47:18.730 Main Current: 63ma
2015-02-13 08:47:18.730 Antenna Current: 0ma
2015-02-13 08:47:18.730 GPS Status
2015-02-13 08:47:18.730 Time: 08:47:16
2015-02-13 08:47:18.730 Date:
2015-02-13 08:47:18.730 Fix Type: 1-D
2015-02-13 08:47:18.730 Height:
2015-02-13 08:47:18.730 Latitude:
2015-02-13 08:47:18.730 Longitude:
2015-02-13 08:47:18.730 On Time: 0min
2015-02-13 08:47:18.730 Sat. Used: 0
2015-02-13 08:47:18.730 In View: 0
2015-02-13 08:47:18.730 Checksum Errors: 0
2015-02-13 08:47:18.730 Last GPS timemark: 2015-02-13 08:47:15
2015-02-13 08:47:18.730 PLL Status
2015-02-13 08:47:18.730 State: Lock
2015-02-13 08:47:18.730 Initial VCO: 2201.143311
2015-02-13 08:47:18.730 Time Error: -0.000001
2015-02-13 08:47:18.730 RMS VCO: 0.0000000
2015-02-13 08:47:18.730 Best VCO: 2201.33
2015-02-13 08:47:18.730 Seconds Since Track or Lock: 0.0
2015-02-13 08:47:18.730 Vco Control: 2202
2015-02-13 08:47:18.730 timing mode: external seascan
2015-02-13 08:47:18.730 tempco normal
2015-02-13 08:47:18.730 PLL update: 10s PLL lock criterion: 5us
2015-02-13 08:47:18.730 Pfrac: 150.00
2015-02-13 08:47:18.730 VCO slope: -0.0175000
2015-02-13 08:47:18.730 VCO intercept: 7.1100001
2015-02-13 08:47:18.730 Km delta: 600.0000000
2015-02-13 08:47:18.730 Logical Port 4 Status
2015-02-13 08:47:18.730 Data Packets Sent: 31528263
2015-02-13 08:47:18.730 Flood Packets Sent: 0
2015-02-13 08:47:18.730 Packets Re-Sent: 49920
2015-02-13 08:47:18.730 Sequence Errors: 0
2015-02-13 08:47:18.730 Packet Buffer Used: 25126132
2015-02-13 08:47:18.730 Physical Port: Ethernet
2015-02-13 08:47:18.730 Baler Model: 14 Software Version: 2.28
2015-02-13 08:47:18.730 MAC Address: 00:04:FB:00:02:EA
2015-02-13 08:47:18.730 Disk Size: 20000669696
2015-02-13 08:47:18.730 Percent of 1177 data files in use: 59.9
2015-02-13 08:47:18.730 Channels Enabled: 1234 Preamps ON channels:
2015-02-13 08:47:18.730 Channel Sensitivities (uV per count):
2015-02-13 08:47:18.730 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-13 08:47:18.730 Digitizer Calibration Results:
2015-02-13 08:47:18.730 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-13 08:47:18.730 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-13 08:47:18.730 DMU1 Software Version=10
2015-02-13 08:47:18.730 Supply Voltage=12.6
2015-02-13 08:47:18.730 Supply Current=0.41
2015-02-13 08:47:18.730 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-13 08:47:18.730 WebLink Data Maps Restored
2015-02-13 08:47:18.730 [2015-02-12 20:46:21.000000] sequence resumes: 27024090 to
27024090
2015-02-13 08:47:18.730 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-13 08:47:17
2015-02-13 08:48:58.640 [2015-02-13 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-13 08:53:56.660 Reducing Status Polling Interval
2015-02-13 08:53:56.660 [2015-02-13 08:53:54.999998] total packets received: 81490
2015-02-13 08:53:56.660 [2015-02-13 08:53:54.999998] command timeouts: 6
2015-02-13 08:53:56.660 [2015-02-13 08:53:54.999998] out of window: 73
2015-02-13 08:53:56.660 written: HHZ-1360 HH1-1620 HH2-1633 BDH-459 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2

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2015-02-13 08:53:56.660 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-28 LH1-38 LH2-37 LDH-43
VMZ-2 VM1-2
2015-02-13 08:53:56.660 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-02-13 08:53:56.660 [2015-02-13 08:53:54.999998] Done: 5264 recs. seq end:
27067744. run: 395 s
2015-02-13 20:54:49.720
2015-02-13 20:54:49.720 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-13 20:54:49.720 Control Port 2491 Opened
2015-02-13 20:54:49.720 Baler ready on Ethernet
2015-02-13 20:54:49.720 Power Cycled Baler Acknowledged
2015-02-13 20:54:49.720 Commands Accepted by Q330
2015-02-13 20:54:49.720 Access timeout: 300 sec
2015-02-13 20:54:49.720 Control Port 4023 Opened
2015-02-13 20:54:49.720 Data Port 4024 Opened
2015-02-13 20:54:49.720 Registered with Q330
2015-02-13 20:54:49.720 Combination Record Received
2015-02-13 20:54:49.720 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-13 20:54:49.720 Link Reset, starting window sequence: 18053
2015-02-13 20:54:49.720 GPS Receiver ID Received
2015-02-13 20:54:49.720 Manufacturer's Data Received, Property Tag=2017
2015-02-13 20:54:49.720 Digitizer Gain & Offsets Received
2015-02-13 20:54:49.720 Msg From 192.168.200.119:Baler XX-2017 readback. 5264 recs.
seq end: 27067744
2015-02-13 20:54:49.720 Baler clock set to 2015-02-13 20:54:48
2015-02-13 20:54:49.720 Starting to Read DP Tokens
2015-02-13 20:54:49.720 DP Tokens loaded, size=1474 bytes
2015-02-13 20:54:49.720 Webserver advertising 192.168.200.119:5380
2015-02-13 20:54:49.720 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-13 20:54:49.720 filters & delay HH1:2@100,Linear all=0.320000
2015-02-13 20:54:49.720 filters & delay HH2:3@100,Linear all=0.320000
2015-02-13 20:54:49.720 filters & delay BDH:4@20,Linear all=1.650000
2015-02-13 20:54:49.720 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-13 20:54:49.720 filters & delay LH1:2@1,Linear all=15.000000
2015-02-13 20:54:49.720 filters & delay LH2:3@1,Linear all=15.000000
2015-02-13 20:54:49.720 filters & delay LDH:4@1,Linear all=15.000000
2015-02-13 20:54:49.720 [2015-02-13 08:53:54.999998] continuity found: 27067744
477132835.000000 Q=100
2015-02-13 20:54:49.720 [2015-02-13 08:53:54.999998] restoring continuity
2015-02-13 20:54:49.720 Sending DT_OPEN
2015-02-13 20:54:49.720 Station: XX-2017
2015-02-13 20:54:49.720 Q330 Serial Number: 0100000DB18FC351
2015-02-13 20:54:49.720 AMB Serial Number: 0100000B6909DD82
2015-02-13 20:54:49.720 Seismo 1 Serial Number: 0000000000000000
2015-02-13 20:54:49.720 Seismo 2 Serial Number: 0000000000000000
2015-02-13 20:54:49.720 QAPCHP 1 Serial Number: 4643206
2015-02-13 20:54:49.720 QAPCHP 2 Serial Number: 3743050
2015-02-13 20:54:49.720 KMI Property Tag Number: 2017
2015-02-13 20:54:49.720 System Software Version: 1.146
2015-02-13 20:54:49.720 Slave Processor Version: 1.11
2015-02-13 20:54:49.720 Calibrator Type: QCAL330
2015-02-13 20:54:49.720 Calibrator Version: 1.8
2015-02-13 20:54:49.720 Auxiliary Board Type: None
2015-02-13 20:54:49.720 Clock Type: Motorola M12
2015-02-13 20:54:49.720 PLD Version: 7.9
2015-02-13 20:54:49.720 Total Hours: 72673.51
2015-02-13 20:54:49.720 Power On Hours: 37303.89
2015-02-13 20:54:49.720 Time of Last Boot: 2014-04-06 02:03:58
2015-02-13 20:54:49.720 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-13 20:54:49.720 Total Number of Re-Syncs: 213
2015-02-13 20:54:49.720 Status Inputs: 00000000
2015-02-13 20:54:49.720 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-13 20:54:49.720 Clock quality: 100%
2015-02-13 20:54:49.720 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

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2015-02-13 20:54:49.720 Clock Phase: 0 usec. max allowed=50000  
 2015-02-13 20:54:49.720 Boom positions:  
 2015-02-13 20:54:49.720 Ch1: -2 Ch2: -1 Ch3: 4 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-13 20:54:49.720 Analog Status  
 2015-02-13 20:54:49.720 Analog Positive Supply: 5.46v  
 2015-02-13 20:54:49.720 Input Voltage: 13.20V  
 2015-02-13 20:54:49.720 System Temperature: 5C  
 2015-02-13 20:54:49.720 Main Current: 62ma  
 2015-02-13 20:54:49.720 Antenna Current: 0ma  
 2015-02-13 20:54:49.720 GPS Status  
 2015-02-13 20:54:49.720 Time: 20:54:48  
 2015-02-13 20:54:49.720 Date:  
 2015-02-13 20:54:49.720 Fix Type: 1-D  
 2015-02-13 20:54:49.720 Height:  
 2015-02-13 20:54:49.720 Latitude:  
 2015-02-13 20:54:49.720 Longitude:  
 2015-02-13 20:54:49.720 On Time: 0min  
 2015-02-13 20:54:49.720 Sat. Used: 0  
 2015-02-13 20:54:49.720 In View: 0  
 2015-02-13 20:54:49.720 Checksum Errors: 0  
 2015-02-13 20:54:49.720 Last GPS timemark: 2015-02-13 20:54:47  
 2015-02-13 20:54:49.720 PLL Status  
 2015-02-13 20:54:49.720 State: Lock  
 2015-02-13 20:54:49.720 Initial VCO: 2201.256348  
 2015-02-13 20:54:49.720 Time Error: 0.000000  
 2015-02-13 20:54:49.720 RMS VCO: 0.000000  
 2015-02-13 20:54:49.720 Best VCO: 2201.24  
 2015-02-13 20:54:49.720 Seconds Since Track or Lock: 0.0  
 2015-02-13 20:54:49.720 Vco Control: 2202  
 2015-02-13 20:54:49.720 timing mode: external seascan  
 2015-02-13 20:54:49.720 tempco normal  
 2015-02-13 20:54:49.720 PLL update: 10s PLL lock criterion: 5us  
 2015-02-13 20:54:49.720 Pfrac: 150.00  
 2015-02-13 20:54:49.720 VCO slope: -0.0175000  
 2015-02-13 20:54:49.720 VCO intercept: 7.1100001  
 2015-02-13 20:54:49.720 km delta: 600.0000000  
 2015-02-13 20:54:49.720 Logical Port 4 Status  
 2015-02-13 20:54:49.720 Data Packets Sent: 31609646  
 2015-02-13 20:54:49.720 Flood Packets Sent: 0  
 2015-02-13 20:54:49.720 Packets Re-Sent: 50011  
 2015-02-13 20:54:49.720 Sequence Errors: 0  
 2015-02-13 20:54:49.720 Packet Buffer Used: 23929476  
 2015-02-13 20:54:49.720 Physical Port: Ethernet  
 2015-02-13 20:54:49.720 Baler Model: 14 Software Version: 2.28  
 2015-02-13 20:54:49.720 MAC Address: 00:04:FB:00:02:EA  
 2015-02-13 20:54:49.720 Disk Size: 20000669696  
 2015-02-13 20:54:49.720 Percent of 1177 data files in use: 59.9  
 2015-02-13 20:54:49.720 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-13 20:54:49.720 Channel Sensitivities (uV per count):  
 2015-02-13 20:54:49.720 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-13 20:54:49.720 Digitizer Calibration Results:  
 2015-02-13 20:54:49.720 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-13 20:54:49.720 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-13 20:54:49.720 DMU1 Software Version=10  
 2015-02-13 20:54:49.720 Supply voltage=12.7  
 2015-02-13 20:54:49.720 Supply Current=0.41  
 2015-02-13 20:54:49.720 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-13 20:54:49.720 webLink Data Maps Restored  
 2015-02-13 20:54:49.720 [2015-02-13 08:53:54.999998] sequence resumes: 27067744 to  
 27067744  
 2015-02-13 20:54:49.720 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-13 20:54:48  
 2015-02-13 21:00:53.160 Reducing Status Polling Interval

```

S01_messages.txt
2015-02-13 21:00:53.160 [2015-02-13 21:00:52.999998] total packets received: 66633
2015-02-13 21:00:53.160 [2015-02-13 21:00:52.999998] command timeouts: 6
2015-02-13 21:00:53.160 [2015-02-13 21:00:52.999998] out of window: 54
2015-02-13 21:00:53.160 written: HHZ-1295 HH1-1529 HH2-1500 BDH-459 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-13 21:00:53.160 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-26 LH1-33 LH2-34 LDH-44
VMZ-2 VM1-2
2015-02-13 21:00:53.160 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-13 21:00:53.160 [2015-02-13 21:00:52.999998] Done: 4964 recs. seq end:
27111362. run: 361 s
2015-02-14 09:01:49.790
2015-02-14 09:01:49.790 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-14 09:01:49.790 Control Port 2491 Opened
2015-02-14 09:01:49.790 Baler ready on Ethernet
2015-02-14 09:01:49.790 Power Cycled Baler Acknowledged
2015-02-14 09:01:49.790 Commands Accepted by Q330
2015-02-14 09:01:49.790 Access timeout: 300 sec
2015-02-14 09:01:49.790 Control Port 4023 Opened
2015-02-14 09:01:49.790 Data Port 4024 Opened
2015-02-14 09:01:49.790 Registered with Q330
2015-02-14 09:01:49.790 Combination Record Received
2015-02-14 09:01:49.790 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-14 09:01:49.790 Link Reset, starting window sequence: 19059
2015-02-14 09:01:49.790 GPS Receiver ID Received
2015-02-14 09:01:49.790 Manufacturer's Data Received, Property Tag=2017
2015-02-14 09:01:49.790 Digitizer Gain & Offsets Received
2015-02-14 09:01:49.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4964 recs.
seq end: 27111362
2015-02-14 09:01:49.790 Baler clock set to 2015-02-14 09:01:48
2015-02-14 09:01:49.790 Starting to Read DP Tokens
2015-02-14 09:01:49.790 DP Tokens loaded, size=1474 bytes
2015-02-14 09:01:49.790 webserver advertising 192.168.200.119:5380
2015-02-14 09:01:49.790 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-14 09:01:49.790 filters & delay HH1:2@100,Linear all=0.320000
2015-02-14 09:01:49.790 filters & delay HH2:3@100,Linear all=0.320000
2015-02-14 09:01:49.790 filters & delay BDH:4@20,Linear all=1.650000
2015-02-14 09:01:49.790 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-14 09:01:49.790 filters & delay LH1:2@1,Linear all=15.000000
2015-02-14 09:01:49.790 filters & delay LH2:3@1,Linear all=15.000000
2015-02-14 09:01:49.790 filters & delay LDH:4@1,Linear all=15.000000
2015-02-14 09:01:49.790 [2015-02-13 21:00:52.999998] continuity found: 27111362
477176453.000000 Q=100
2015-02-14 09:01:49.790 [2015-02-13 21:00:52.999998] restoring continuity
2015-02-14 09:01:49.790 Sending DT_OPEN
2015-02-14 09:01:49.790 Station: XX-2017
2015-02-14 09:01:49.790 Q330 Serial Number: 0100000DB18FC351
2015-02-14 09:01:49.790 AMB Serial Number: 0100000B6909DD82
2015-02-14 09:01:49.790 Seismo 1 Serial Number: 0000000000000000
2015-02-14 09:01:49.790 Seismo 2 Serial Number: 0000000000000000
2015-02-14 09:01:49.790 QAPCHP 1 Serial Number: 4643206
2015-02-14 09:01:49.790 QAPCHP 2 Serial Number: 3743050
2015-02-14 09:01:49.790 KMI Property Tag Number: 2017
2015-02-14 09:01:49.790 System Software Version: 1.146
2015-02-14 09:01:49.790 Slave Processor Version: 1.11
2015-02-14 09:01:49.790 Calibrator Type: QCAL330
2015-02-14 09:01:49.790 Calibrator Version: 1.8
2015-02-14 09:01:49.790 Auxiliary Board Type: None
2015-02-14 09:01:49.790 Clock Type: Motorola M12
2015-02-14 09:01:49.790 PLD Version: 7.9
2015-02-14 09:01:49.790 Total Hours: 72685.62
2015-02-14 09:01:49.790 Power On Hours: 37316.01
2015-02-14 09:01:49.790 Time of Last Boot: 2014-04-06 02:03:58
2015-02-14 09:01:49.790 Total Number of Boots: 120

```

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2015-02-14 09:01:49.790 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-14 09:01:49.790 Total Number of Re-Syncs: 213  
 2015-02-14 09:01:49.790 Status Inputs: 00000000  
 2015-02-14 09:01:49.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-14 09:01:49.790 Clock Quality: 100%  
 2015-02-14 09:01:49.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-14 09:01:49.790 Clock Phase: 0 usec. max allowed=50000  
 2015-02-14 09:01:49.790 Boom positions:  
 2015-02-14 09:01:49.790 ch1: -2 ch2: 0 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2015-02-14 09:01:49.790 Analog Status  
 2015-02-14 09:01:49.790 Analog Positive Supply: 5.46V  
 2015-02-14 09:01:49.790 Input Voltage: 13.35V  
 2015-02-14 09:01:49.790 System Temperature: 5C  
 2015-02-14 09:01:49.790 Main Current: 62ma  
 2015-02-14 09:01:49.790 Antenna Current: 0ma  
 2015-02-14 09:01:49.790 GPS Status  
 2015-02-14 09:01:49.790 Time: 09:01:48  
 2015-02-14 09:01:49.790 Date:  
 2015-02-14 09:01:49.790 Fix Type: 1-D  
 2015-02-14 09:01:49.790 Height:  
 2015-02-14 09:01:49.790 Latitude:  
 2015-02-14 09:01:49.790 Longitude:  
 2015-02-14 09:01:49.790 On Time: 0min  
 2015-02-14 09:01:49.790 Sat. Used: 0  
 2015-02-14 09:01:49.790 In View: 0  
 2015-02-14 09:01:49.790 Checksum Errors: 0  
 2015-02-14 09:01:49.790 Last GPS timemark: 2015-02-14 09:01:47  
 2015-02-14 09:01:49.790 PLL Status  
 2015-02-14 09:01:49.790 State: Lock  
 2015-02-14 09:01:49.790 Initial VCO: 2201.241211  
 2015-02-14 09:01:49.790 Time Error: 0.000000  
 2015-02-14 09:01:49.790 RMS VCO: 0.000000  
 2015-02-14 09:01:49.790 Best VCO: 2201.40  
 2015-02-14 09:01:49.790 Seconds Since Track or Lock: 0.0  
 2015-02-14 09:01:49.790 Vco Control: 2201  
 2015-02-14 09:01:49.790 timing mode: external seascan  
 2015-02-14 09:01:49.790 tempco normal  
 2015-02-14 09:01:49.790 PLL update: 10s PLL lock criterion: 5us  
 2015-02-14 09:01:49.790 Pfrac: 150.00  
 2015-02-14 09:01:49.790 VCO slope: -0.0175000  
 2015-02-14 09:01:49.790 VCO intercept: 7.1100001  
 2015-02-14 09:01:49.790 Km delta: 600.000000  
 2015-02-14 09:01:49.790 Logical Port 4 Status  
 2015-02-14 09:01:49.790 Data Packets Sent: 31676193  
 2015-02-14 09:01:49.790 Flood Packets Sent: 0  
 2015-02-14 09:01:49.790 Packets Re-Sent: 50086  
 2015-02-14 09:01:49.790 Sequence Errors: 0  
 2015-02-14 09:01:49.790 Packet Buffer Used: 22474544  
 2015-02-14 09:01:49.790 Physical Port: Ethernet  
 2015-02-14 09:01:49.790 Baler Model: 14 Software Version: 2.28  
 2015-02-14 09:01:49.790 MAC Address: 00:04:FB:00:02:EA  
 2015-02-14 09:01:49.790 Disk Size: 20000669696  
 2015-02-14 09:01:49.790 Percent of 1177 data files in use: 60.0  
 2015-02-14 09:01:49.790 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-14 09:01:49.790 Channel Sensitivities (uV per count):  
 2015-02-14 09:01:49.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-14 09:01:49.790 Digitizer Calibration Results:  
 2015-02-14 09:01:49.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-14 09:01:49.790 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-14 09:01:49.790 DMU1 Software Version=10  
 2015-02-14 09:01:49.790 Supply Voltage=12.7  
 2015-02-14 09:01:49.790 Supply Current=0.41  
 2015-02-14 09:01:49.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A

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2015-02-14 09:01:49.790 WebLink Data Maps Restored
2015-02-14 09:01:49.790 [2015-02-13 21:00:52.999998] sequence resumes: 27111362 to
27111362
2015-02-14 09:01:49.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-14 09:01:48
2015-02-14 09:03:13.610 [2015-02-14 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-14 09:07:27.420 Reducing Status Polling Interval
2015-02-14 09:07:27.420 [2015-02-14 09:07:26.999998] total packets received: 49621
2015-02-14 09:07:27.420 [2015-02-14 09:07:26.999998] command timeouts: 6
2015-02-14 09:07:27.420 [2015-02-14 09:07:26.999998] out of window: 62
2015-02-14 09:07:27.420 written: HHZ-1178 HH1-1383 HH2-1432 BDH-449 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-02-14 09:07:27.420 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-34
VMZ-1 VM1-1
2015-02-14 09:07:27.420 written: VM2-1 LOG-3 ACE-2 OCF-2
2015-02-14 09:07:27.420 [2015-02-14 09:07:26.999998] Done: 4591 recs. seq end:
27154956. run: 333 s
2015-02-14 21:08:21.740
2015-02-14 21:08:21.740 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-14 21:08:21.740 Control Port 2491 Opened
2015-02-14 21:08:21.740 Baler ready on Ethernet
2015-02-14 21:08:21.740 Power Cycled Baler Acknowledged
2015-02-14 21:08:21.740 Commands Accepted by Q330
2015-02-14 21:08:21.740 Access timeout: 300 sec
2015-02-14 21:08:21.740 Data Port 4024 Opened
2015-02-14 21:08:21.740 Registered with Q330
2015-02-14 21:08:21.740 Combination Record Received
2015-02-14 21:08:21.740 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-14 21:08:21.740 Link Reset, starting window sequence: 3046
2015-02-14 21:08:21.740 GPS Receiver ID Received
2015-02-14 21:08:21.740 Manufacturer's Data Received, Property Tag=2017
2015-02-14 21:08:21.740 Digitizer Gain & Offsets Received
2015-02-14 21:08:21.740 Msg From 192.168.200.119:Baler XX-2017 readback. 4591 recs.
seq end: 27154956
2015-02-14 21:08:21.740 Baler clock set to 2015-02-14 21:08:20
2015-02-14 21:08:21.740 Starting to Read DP Tokens
2015-02-14 21:08:21.740 DP Tokens loaded, size=1474 bytes
2015-02-14 21:08:21.740 Webserver advertising 192.168.200.119:5380
2015-02-14 21:08:21.740 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-14 21:08:21.740 filters & delay HH1:2@100,Linear all=0.320000
2015-02-14 21:08:21.740 filters & delay HH2:3@100,Linear all=0.320000
2015-02-14 21:08:21.740 filters & delay BDH:4@20,Linear all=1.650000
2015-02-14 21:08:21.740 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-14 21:08:21.740 filters & delay LH1:2@1,Linear all=15.000000
2015-02-14 21:08:21.740 filters & delay LH2:3@1,Linear all=15.000000
2015-02-14 21:08:21.740 filters & delay LDH:4@1,Linear all=15.000000
2015-02-14 21:08:21.740 [2015-02-14 09:07:26.999998] continuity found: 27154956
477220047.000000 Q=100
2015-02-14 21:08:21.740 [2015-02-14 09:07:26.999998] restoring continuity
2015-02-14 21:08:21.740 Sending DT_OPEN
2015-02-14 21:08:21.740 Station: XX-2017
2015-02-14 21:08:21.740 Q330 Serial Number: 0100000DB18FC351
2015-02-14 21:08:21.740 AMB Serial Number: 0100000B6909DD82
2015-02-14 21:08:21.740 Seismo 1 Serial Number: 0000000000000000
2015-02-14 21:08:21.740 Seismo 2 Serial Number: 0000000000000000
2015-02-14 21:08:21.740 QAPCHP 1 Serial Number: 4643206
2015-02-14 21:08:21.740 QAPCHP 2 Serial Number: 3743050
2015-02-14 21:08:21.740 KMI Property Tag Number: 2017
2015-02-14 21:08:21.740 System Software Version: 1.146
2015-02-14 21:08:21.740 Slave Processor Version: 1.11
2015-02-14 21:08:21.740 Calibrator Type: QCAL330
2015-02-14 21:08:21.740 Calibrator Version: 1.8

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2015-02-14 21:08:21.740 Auxiliary Board Type: None  
 2015-02-14 21:08:21.740 Clock Type: Motorola M12  
 2015-02-14 21:08:21.740 PLD Version: 7.9  
 2015-02-14 21:08:21.740 Total Hours: 72697.73  
 2015-02-14 21:08:21.740 Power On Hours: 37328.12  
 2015-02-14 21:08:21.740 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-14 21:08:21.740 Total Number of Boots: 120  
 2015-02-14 21:08:21.740 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-14 21:08:21.740 Total Number of Re-Syncs: 213  
 2015-02-14 21:08:21.740 Status Inputs: 00000000  
 2015-02-14 21:08:21.740 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-14 21:08:21.740 Clock Quality: 100%  
 2015-02-14 21:08:21.740 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-14 21:08:21.740 Clock Phase: 0 usec. max allowed=50000  
 2015-02-14 21:08:21.740 Boom positions:  
 2015-02-14 21:08:21.740 ch1: -2 ch2: 0 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2015-02-14 21:08:21.740 Analog Status  
 2015-02-14 21:08:21.740 Analog Positive Supply: 5.46V  
 2015-02-14 21:08:21.740 Input Voltage: 13.20V  
 2015-02-14 21:08:21.740 System Temperature: 5C  
 2015-02-14 21:08:21.740 Main Current: 62ma  
 2015-02-14 21:08:21.740 Antenna Current: 0ma  
 2015-02-14 21:08:21.740 GPS Status  
 2015-02-14 21:08:21.740 Time: 21:08:20  
 2015-02-14 21:08:21.740 Date:  
 2015-02-14 21:08:21.740 Fix Type: 1-D  
 2015-02-14 21:08:21.740 Height:  
 2015-02-14 21:08:21.740 Latitude:  
 2015-02-14 21:08:21.740 Longitude:  
 2015-02-14 21:08:21.740 On Time: 0min  
 2015-02-14 21:08:21.740 Sat. Used: 0  
 2015-02-14 21:08:21.740 In View: 0  
 2015-02-14 21:08:21.740 Checksum Errors: 0  
 2015-02-14 21:08:21.740 Last GPS timemark: 2015-02-14 21:08:19  
 2015-02-14 21:08:21.740 PLL Status  
 2015-02-14 21:08:21.740 State: Lock  
 2015-02-14 21:08:21.740 Initial VCO: 2201.562012  
 2015-02-14 21:08:21.740 Time Error: 0.000000  
 2015-02-14 21:08:21.740 RMS VCO: 0.0000000  
 2015-02-14 21:08:21.740 Best VCO: 2201.77  
 2015-02-14 21:08:21.740 Seconds Since Track or Lock: 0.0  
 2015-02-14 21:08:21.740 Vco Control: 2201  
 2015-02-14 21:08:21.740 timing mode: external seascan  
 2015-02-14 21:08:21.740 tempco normal  
 2015-02-14 21:08:21.740 PLL update: 10s PLL lock criterion: 5us  
 2015-02-14 21:08:21.740 Pfrac: 150.00  
 2015-02-14 21:08:21.740 VCO slope: -0.0175000  
 2015-02-14 21:08:21.740 VCO intercept: 7.1100001  
 2015-02-14 21:08:21.740 km delta: 600.0000000  
 2015-02-14 21:08:21.740 Logical Port 4 Status  
 2015-02-14 21:08:21.740 Data Packets Sent: 31725721  
 2015-02-14 21:08:21.740 Flood Packets Sent: 0  
 2015-02-14 21:08:21.740 Packets Re-Sent: 50163  
 2015-02-14 21:08:21.740 Sequence Errors: 0  
 2015-02-14 21:08:21.740 Packet Buffer Used: 22082240  
 2015-02-14 21:08:21.740 Physical Port: Ethernet  
 2015-02-14 21:08:21.740 Baler Model: 14 Software Version: 2.28  
 2015-02-14 21:08:21.740 MAC Address: 00:04:FB:00:02:EA  
 2015-02-14 21:08:21.740 Disk Size: 20000669696  
 2015-02-14 21:08:21.740 Percent of 1177 data files in use: 60.1  
 2015-02-14 21:08:21.740 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-14 21:08:21.740 Channel sensitivities (uV per count):  
 2015-02-14 21:08:21.740 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2015-02-14 21:08:21.740 Digitizer Calibration Results:
2015-02-14 21:08:21.740 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-14 21:08:21.740 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-14 21:08:21.740 DMU1 Software Version=10
2015-02-14 21:08:21.740 Supply Voltage=12.6
2015-02-14 21:08:21.740 Supply Current=0.41
2015-02-14 21:08:21.740 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-14 21:08:21.740 WebLink Data Maps Restored
2015-02-14 21:08:21.740 [2015-02-14 09:07:26.999998] sequence resumes: 27154956 to
27154956
2015-02-14 21:08:21.740 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-14 21:08:20
2015-02-14 21:13:51.460 [2015-02-14 21:09:50.000000] total packets received: 46332
2015-02-14 21:13:51.460 [2015-02-14 21:09:50.000000] command timeouts: 6
2015-02-14 21:13:51.460 [2015-02-14 21:09:50.000000] out of window: 54
2015-02-14 21:13:51.460 written: HHZ-1138 HH1-1353 HH2-1403 BDH-431 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-14 21:13:51.460 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2015-02-14 21:13:51.460 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-14 21:13:51.460 [2015-02-14 21:09:50.000000] Done: 4466 recs. seq end:
27198299. run: 325 s
2015-02-15 09:14:45.720
2015-02-15 09:14:45.720 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-15 09:14:45.720 Control Port 2491 Opened
2015-02-15 09:14:45.720 Baler ready on Ethernet
2015-02-15 09:14:45.720 Power Cycled Baler Acknowledged
2015-02-15 09:14:45.720 Commands Accepted by Q330
2015-02-15 09:14:45.720 Access timeout: 300 sec
2015-02-15 09:14:45.720 Control Port 4023 Opened
2015-02-15 09:14:45.720 Data Port 4024 Opened
2015-02-15 09:14:45.720 Registered with Q330
2015-02-15 09:14:45.720 Combination Record Received
2015-02-15 09:14:45.720 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-15 09:14:45.720 Link Reset, starting window sequence: 49289
2015-02-15 09:14:45.720 GPS Receiver ID Received
2015-02-15 09:14:45.720 Manufacturer's Data Received, Property Tag=2017
2015-02-15 09:14:45.720 Digitizer Gain & Offsets Received
2015-02-15 09:14:45.720 Msg From 192.168.200.119:Baler XX-2017 readback. 4466 recs.
seq end: 27198299
2015-02-15 09:14:45.720 Baler clock set to 2015-02-15 09:14:44
2015-02-15 09:14:45.720 Starting to Read DP Tokens
2015-02-15 09:14:45.720 DP Tokens loaded, size=1474 bytes
2015-02-15 09:14:45.720 webserver advertising 192.168.200.119:5380
2015-02-15 09:14:45.720 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-15 09:14:45.720 filters & delay HH1:2@100,Linear all=0.320000
2015-02-15 09:14:45.720 filters & delay HH2:3@100,Linear all=0.320000
2015-02-15 09:14:45.720 filters & delay BDH:4@20,Linear all=1.650000
2015-02-15 09:14:45.720 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-15 09:14:45.720 filters & delay LH1:2@1,Linear all=15.000000
2015-02-15 09:14:45.720 filters & delay LH2:3@1,Linear all=15.000000
2015-02-15 09:14:45.720 filters & delay LDH:4@1,Linear all=15.000000
2015-02-15 09:14:45.720 [2015-02-14 21:09:50.000000] continuity found: 27198299
477263390.000000 Q=100
2015-02-15 09:14:45.720 [2015-02-14 21:09:50.000000] restoring continuity
2015-02-15 09:14:45.720 Sending DT_OPEN
2015-02-15 09:14:45.720 Station: XX-2017
2015-02-15 09:14:45.720 Q330 Serial Number: 0100000DB18FC351
2015-02-15 09:14:45.720 AMB Serial Number: 0100000B6909DD82
2015-02-15 09:14:45.720 Seismo 1 Serial Number: 0000000000000000
2015-02-15 09:14:45.720 Seismo 2 Serial Number: 0000000000000000
2015-02-15 09:14:45.720 QAPCHP 1 Serial Number: 4643206
2015-02-15 09:14:45.720 QAPCHP 2 Serial Number: 3743050

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2015-02-15 09:14:45.720 KMI Property Tag Number: 2017  
 2015-02-15 09:14:45.720 System Software Version: 1.146  
 2015-02-15 09:14:45.720 Slave Processor Version: 1.11  
 2015-02-15 09:14:45.720 Calibrator Type: QCAL330  
 2015-02-15 09:14:45.720 Calibrator Version: 1.8  
 2015-02-15 09:14:45.720 Auxiliary Board Type: None  
 2015-02-15 09:14:45.720 Clock Type: Motorola M12  
 2015-02-15 09:14:45.720 PLD Version: 7.9  
 2015-02-15 09:14:45.720 Total Hours: 72709.84  
 2015-02-15 09:14:45.720 Power On Hours: 37340.23  
 2015-02-15 09:14:45.720 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-15 09:14:45.720 Total Number of Boots: 120  
 2015-02-15 09:14:45.720 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-15 09:14:45.720 Total Number of Re-Syncs: 213  
 2015-02-15 09:14:45.720 Status Inputs: 00000000  
 2015-02-15 09:14:45.720 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-02-15 09:14:45.720 Clock Quality: 100%  
 2015-02-15 09:14:45.720 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-15 09:14:45.720 Clock Phase: 0 usec. max allowed=50000  
 2015-02-15 09:14:45.720 Boom positions:  
 2015-02-15 09:14:45.720 ch1: -2 ch2: 1 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2015-02-15 09:14:45.720 Analog Status  
 2015-02-15 09:14:45.720 Analog Positive Supply: 5.46V  
 2015-02-15 09:14:45.720 Input Voltage: 13.20V  
 2015-02-15 09:14:45.720 System Temperature: 5C  
 2015-02-15 09:14:45.720 Main Current: 62ma  
 2015-02-15 09:14:45.720 Antenna Current: 0ma  
 2015-02-15 09:14:45.720 GPS Status  
 2015-02-15 09:14:45.720 Time: 09:14:44  
 2015-02-15 09:14:45.720 Date:  
 2015-02-15 09:14:45.720 Fix Type: 1-D  
 2015-02-15 09:14:45.720 Height:  
 2015-02-15 09:14:45.720 Latitude:  
 2015-02-15 09:14:45.720 Longitude:  
 2015-02-15 09:14:45.720 On Time: 0min  
 2015-02-15 09:14:45.720 Sat. Used: 0  
 2015-02-15 09:14:45.720 In View: 0  
 2015-02-15 09:14:45.720 Checksum Errors: 0  
 2015-02-15 09:14:45.720 Last GPS timemark: 2015-02-15 09:14:43  
 2015-02-15 09:14:45.720 PLL Status  
 2015-02-15 09:14:45.720 State: Lock  
 2015-02-15 09:14:45.720 Initial VCO: 2201.570313  
 2015-02-15 09:14:45.720 Time Error: 0.000000  
 2015-02-15 09:14:45.720 RMS VCO: 0.000000  
 2015-02-15 09:14:45.720 Best VCO: 2201.64  
 2015-02-15 09:14:45.720 Seconds Since Track or Lock: 0.0  
 2015-02-15 09:14:45.720 Vco Control: 2202  
 2015-02-15 09:14:45.720 timing mode: external seascan  
 2015-02-15 09:14:45.720 tempco normal  
 2015-02-15 09:14:45.720 PLL update: 10s PLL lock criterion: 5us  
 2015-02-15 09:14:45.720 Pfrac: 150.00  
 2015-02-15 09:14:45.720 VCO slope: -0.0175000  
 2015-02-15 09:14:45.720 VCO intercept: 7.1100001  
 2015-02-15 09:14:45.720 Logical Port 4 Status  
 2015-02-15 09:14:45.720 Data Packets Sent: 31771969  
 2015-02-15 09:14:45.720 Flood Packets Sent: 0  
 2015-02-15 09:14:45.720 Packets Re-Sent: 50240  
 2015-02-15 09:14:45.720 Sequence Errors: 0  
 2015-02-15 09:14:45.720 Packet Buffer Used: 24022564  
 2015-02-15 09:14:45.720 Physical Port: Ethernet  
 2015-02-15 09:14:45.720 Baler Model: 14 Software Version: 2.28  
 2015-02-15 09:14:45.720 MAC Address: 00:04:FB:00:02:EA  
 2015-02-15 09:14:45.720 Disk Size: 20000669696

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2015-02-15 09:14:45.720 Percent of 1177 data files in use: 60.2
2015-02-15 09:14:45.720 Channels Enabled: 1234 Preamps ON channels:
2015-02-15 09:14:45.720 Channel Sensitivities (uV per count):
2015-02-15 09:14:45.720 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-15 09:14:45.720 Digitizer Calibration Results:
2015-02-15 09:14:45.720 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-15 09:14:45.720 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-15 09:14:45.720 DMU1 Software Version=10
2015-02-15 09:14:45.720 Supply Voltage=12.7
2015-02-15 09:14:45.720 Supply Current=0.40
2015-02-15 09:14:45.720 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-15 09:14:45.720 WebLink Data Maps Restored
2015-02-15 09:14:45.720 [2015-02-14 21:09:50.000000] sequence resumes: 27198299 to
27198299
2015-02-15 09:14:45.720 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-15 09:14:44
2015-02-15 09:15:59.710 [2015-02-15 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-15 09:20:54.000 [2015-02-15 09:19:09.000000] total packets received: 66394
2015-02-15 09:20:54.000 [2015-02-15 09:19:09.000000] command timeouts: 6
2015-02-15 09:20:54.000 [2015-02-15 09:19:09.000000] out of window: 63
2015-02-15 09:20:54.000 written: HHZ-1314 HH1-1501 HH2-1523 BDH-455 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-02-15 09:20:54.000 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-28 LH2-28 LDH-35
VMZ-2 VM1-2
2015-02-15 09:20:54.000 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-02-15 09:20:54.000 [2015-02-15 09:19:09.000000] Done: 4958 recs. seq end:
27242058. run: 365 s
2015-02-15 21:21:49.750
2015-02-15 21:21:49.750 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-15 21:21:49.750 Control Port 2491 Opened
2015-02-15 21:21:49.750 Baler ready on Ethernet
2015-02-15 21:21:49.750 Power Cycled Baler Acknowledged
2015-02-15 21:21:49.750 Commands Accepted by Q330
2015-02-15 21:21:49.750 Access timeout: 300 sec
2015-02-15 21:21:49.750 Control Port 4023 Opened
2015-02-15 21:21:49.750 Data Port 4024 Opened
2015-02-15 21:21:49.750 Registered with Q330
2015-02-15 21:21:49.750 Combination Record Received
2015-02-15 21:21:49.750 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-15 21:21:49.750 Link Reset, starting window sequence: 50045
2015-02-15 21:21:49.750 GPS Receiver ID Received
2015-02-15 21:21:49.750 Manufacturer's Data Received, Property Tag=2017
2015-02-15 21:21:49.750 Digitizer Gain & Offsets Received
2015-02-15 21:21:49.750 Msg From 192.168.200.119:Baler XX-2017 readback. 4958 recs.
seq end: 27242058
2015-02-15 21:21:49.750 Baler clock set to 2015-02-15 21:21:48
2015-02-15 21:21:49.750 Starting to Read DP Tokens
2015-02-15 21:21:49.750 DP Tokens loaded, size=1474 bytes
2015-02-15 21:21:49.750 webserver advertising 192.168.200.119:5380
2015-02-15 21:21:49.750 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-15 21:21:49.750 filters & delay HH1:2@100,Linear all=0.320000
2015-02-15 21:21:49.750 filters & delay HH2:3@100,Linear all=0.320000
2015-02-15 21:21:49.750 filters & delay BDH:4@20,Linear all=1.650000
2015-02-15 21:21:49.750 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-15 21:21:49.750 filters & delay LH1:2@1,Linear all=15.000000
2015-02-15 21:21:49.750 filters & delay LH2:3@1,Linear all=15.000000
2015-02-15 21:21:49.750 filters & delay LDH:4@1,Linear all=15.000000
2015-02-15 21:21:49.750 [2015-02-15 09:19:09.000000] continuity found: 27242058
477307149.000000 Q=100
2015-02-15 21:21:49.750 [2015-02-15 09:19:09.000000] restoring continuity
2015-02-15 21:21:49.750 Sending DT_OPEN
2015-02-15 21:21:49.750 Station: XX-2017

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2015-02-15 21:21:49.750 Q330 Serial Number: 0100000DB18FC351  
 2015-02-15 21:21:49.750 AMB Serial Number: 0100000B6909DD82  
 2015-02-15 21:21:49.750 Seismo 1 Serial Number: 0000000000000000  
 2015-02-15 21:21:49.750 Seismo 2 Serial Number: 0000000000000000  
 2015-02-15 21:21:49.750 QAPCHP 1 Serial Number: 4643206  
 2015-02-15 21:21:49.750 QAPCHP 2 Serial Number: 3743050  
 2015-02-15 21:21:49.750 KMI Property Tag Number: 2017  
 2015-02-15 21:21:49.750 System Software Version: 1.146  
 2015-02-15 21:21:49.750 Slave Processor Version: 1.11  
 2015-02-15 21:21:49.750 Calibrator Type: QCAL330  
 2015-02-15 21:21:49.750 Calibrator Version: 1.8  
 2015-02-15 21:21:49.750 Auxiliary Board Type: None  
 2015-02-15 21:21:49.750 Clock Type: Motorola M12  
 2015-02-15 21:21:49.750 PLD Version: 7.9  
 2015-02-15 21:21:49.750 Total Hours: 72721.96  
 2015-02-15 21:21:49.750 Power On Hours: 37352.34  
 2015-02-15 21:21:49.750 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-15 21:21:49.750 Total Number of Boots: 120  
 2015-02-15 21:21:49.750 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-15 21:21:49.750 Total Number of Re-Syncs: 213  
 2015-02-15 21:21:49.750 Status Inputs: 00000000  
 2015-02-15 21:21:49.750 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-02-15 21:21:49.750 Clock Quality: 100%  
 2015-02-15 21:21:49.750 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-15 21:21:49.750 Clock Phase: 0 usec. max allowed=50000  
 2015-02-15 21:21:49.750 Boom positions:  
 2015-02-15 21:21:49.750 Ch1: -2 Ch2: 1 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-15 21:21:49.750 Analog Status  
 2015-02-15 21:21:49.750 Analog Positive Supply: 5.46V  
 2015-02-15 21:21:49.750 Input Voltage: 13.35V  
 2015-02-15 21:21:49.750 System Temperature: 5C  
 2015-02-15 21:21:49.750 Main Current: 62ma  
 2015-02-15 21:21:49.750 Antenna Current: 0ma  
 2015-02-15 21:21:49.750 GPS Status  
 2015-02-15 21:21:49.750 Time: 21:21:48  
 2015-02-15 21:21:49.750 Date:  
 2015-02-15 21:21:49.750 Fix Type: 1-D  
 2015-02-15 21:21:49.750 Height:  
 2015-02-15 21:21:49.750 Latitude:  
 2015-02-15 21:21:49.750 Longitude:  
 2015-02-15 21:21:49.750 On Time: 0min  
 2015-02-15 21:21:49.750 Sat. Used: 0  
 2015-02-15 21:21:49.750 In View: 0  
 2015-02-15 21:21:49.750 Checksum Errors: 0  
 2015-02-15 21:21:49.750 Last GPS timemark: 2015-02-15 21:21:47  
 2015-02-15 21:21:49.750 PLL Status  
 2015-02-15 21:21:49.750 State: Lock  
 2015-02-15 21:21:49.750 Initial VCO: 2201.634766  
 2015-02-15 21:21:49.750 Time Error: 0.000000  
 2015-02-15 21:21:49.750 RMS VCO: 0.0000000  
 2015-02-15 21:21:49.750 Best VCO: 2201.68  
 2015-02-15 21:21:49.750 Seconds Since Track or Lock: 0.0  
 2015-02-15 21:21:49.750 Vco Control: 2202  
 2015-02-15 21:21:49.750 timing mode: external seascan  
 2015-02-15 21:21:49.750 tempco normal  
 2015-02-15 21:21:49.750 PLL update: 10s PLL lock criterion: 5us  
 2015-02-15 21:21:49.750 Pfrac: 150.00  
 2015-02-15 21:21:49.750 VCO slope: -0.0175000  
 2015-02-15 21:21:49.750 VCO intercept: 7.1100001  
 2015-02-15 21:21:49.750 Km delta: 600.0000000  
 2015-02-15 21:21:49.750 Logical Port 4 Status  
 2015-02-15 21:21:49.750 Data Packets Sent: 31838268  
 2015-02-15 21:21:49.750 Flood Packets Sent: 0

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2015-02-15 21:21:49.750 Packets Re-Sent: 50323  
 2015-02-15 21:21:49.750 Sequence Errors: 0  
 2015-02-15 21:21:49.750 Packet Buffer Used: 24672524  
 2015-02-15 21:21:49.750 Physical Port: Ethernet  
 2015-02-15 21:21:49.750 Baler Model: 14 Software Version: 2.28  
 2015-02-15 21:21:49.750 MAC Address: 00:04:FB:00:02:EA  
 2015-02-15 21:21:49.750 Disk Size: 20000669696  
 2015-02-15 21:21:49.750 Percent of 1177 data files in use: 60.2  
 2015-02-15 21:21:49.750 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-15 21:21:49.750 Channel Sensitivities (uV per count):  
 2015-02-15 21:21:49.750 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-15 21:21:49.750 Digitizer Calibration Results:  
 2015-02-15 21:21:49.750 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-15 21:21:49.750 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-15 21:21:49.750 DMU1 Software Version=10  
 2015-02-15 21:21:49.750 Supply Voltage=12.7  
 2015-02-15 21:21:49.750 Supply Current=0.41  
 2015-02-15 21:21:49.750 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-15 21:21:49.750 webLink Data Maps Restored  
 2015-02-15 21:21:49.750 [2015-02-15 09:19:09.000000] sequence resumes overlapping:  
 27242058 to 27242057  
 2015-02-15 21:21:49.750 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-02-15 21:21:48  
 2015-02-15 21:28:14.990 Reducing Status Polling Interval  
 2015-02-15 21:28:14.990 [2015-02-15 21:28:13.999998] total packets received: 78032  
 2015-02-15 21:28:14.990 [2015-02-15 21:28:13.999998] command timeouts: 6  
 2015-02-15 21:28:14.990 [2015-02-15 21:28:13.999998] out of window: 67  
 2015-02-15 21:28:14.990 written: HHZ-1373 HH1-1543 HH2-1574 BDH-462 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-02-15 21:28:14.990 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-28 LH1-36 LH2-37 LDH-44  
 VMZ-1 VM1-1  
 2015-02-15 21:28:14.990 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-2  
 2015-02-15 21:28:14.990 [2015-02-15 21:28:13.999998] Done: 5137 recs. seq end:  
 27285803. run: 383 s  
 2015-02-16 09:29:11.730  
 2015-02-16 09:29:11.730 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-16 09:29:11.730 Control Port 2491 Opened  
 2015-02-16 09:29:11.730 Baler ready on Ethernet  
 2015-02-16 09:29:11.730 Power Cycled Baler Acknowledged  
 2015-02-16 09:29:11.730 Commands Accepted by Q330  
 2015-02-16 09:29:11.730 Access timeout: 300 sec  
 2015-02-16 09:29:11.730 Control Port 4023 Opened  
 2015-02-16 09:29:11.730 Data Port 4024 Opened  
 2015-02-16 09:29:11.730 Registered with Q330  
 2015-02-16 09:29:11.730 Combination Record Received  
 2015-02-16 09:29:11.730 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-16 09:29:11.730 Link Reset, starting window sequence: 62435  
 2015-02-16 09:29:11.730 GPS Receiver ID Received  
 2015-02-16 09:29:11.730 Manufacturer's Data Received, Property Tag=2017  
 2015-02-16 09:29:11.730 Digitizer Gain & Offsets Received  
 2015-02-16 09:29:11.730 Msg From 192.168.200.119:Baler XX-2017 readback. 5137 recs.  
 seq end: 27285803  
 2015-02-16 09:29:11.730 Baler clock set to 2015-02-16 09:29:10  
 2015-02-16 09:29:11.730 Starting to Read DP Tokens  
 2015-02-16 09:29:11.730 DP Tokens loaded, size=1474 bytes  
 2015-02-16 09:29:11.730 Webserver advertising 192.168.200.119:5380  
 2015-02-16 09:29:11.730 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-02-16 09:29:11.730 filters & delay HH1:2@100,Linear all=0.320000  
 2015-02-16 09:29:11.730 filters & delay HH2:3@100,Linear all=0.320000  
 2015-02-16 09:29:11.730 filters & delay BDH:4@20,Linear all=1.650000  
 2015-02-16 09:29:11.730 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-02-16 09:29:11.730 filters & delay LH1:2@1,Linear all=15.000000  
 2015-02-16 09:29:11.730 filters & delay LH2:3@1,Linear all=15.000000

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2015-02-16 09:29:11.730 filters & delay LDH:4@1,Linear all=15.000000  
 2015-02-16 09:29:11.730 [2015-02-15 21:28:13.999998] continuity found: 27285803  
 477350894.000000 Q=100  
 2015-02-16 09:29:11.730 [2015-02-15 21:28:13.999998] restoring continuity  
 2015-02-16 09:29:11.730 Sending DT\_OPEN  
 2015-02-16 09:29:11.730 Station: XX-2017  
 2015-02-16 09:29:11.730 Q330 Serial Number: 0100000DB18FC351  
 2015-02-16 09:29:11.730 AMB Serial Number: 0100000B6909DD82  
 2015-02-16 09:29:11.730 Seismo 1 Serial Number: 0000000000000000  
 2015-02-16 09:29:11.730 Seismo 2 Serial Number: 0000000000000000  
 2015-02-16 09:29:11.730 QAPCHP 1 Serial Number: 4643206  
 2015-02-16 09:29:11.730 KMI Property Tag Number: 2017  
 2015-02-16 09:29:11.730 System Software Version: 1.146  
 2015-02-16 09:29:11.730 Slave Processor Version: 1.11  
 2015-02-16 09:29:11.730 Calibrator Type: QCAL330  
 2015-02-16 09:29:11.730 Calibrator Version: 1.8  
 2015-02-16 09:29:11.730 Auxiliary Board Type: None  
 2015-02-16 09:29:11.730 Clock Type: Motorola M12  
 2015-02-16 09:29:11.730 PLD Version: 7.9  
 2015-02-16 09:29:11.730 Total Hours: 72734.08  
 2015-02-16 09:29:11.730 Power On Hours: 37364.47  
 2015-02-16 09:29:11.730 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-16 09:29:11.730 Total Number of Boots: 120  
 2015-02-16 09:29:11.730 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-16 09:29:11.730 Total Number of Re-Syncs: 213  
 2015-02-16 09:29:11.730 Status Inputs: 00000000  
 2015-02-16 09:29:11.730 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-16 09:29:11.730 Clock Quality: 100%  
 2015-02-16 09:29:11.730 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-16 09:29:11.730 Clock Phase: 0 usec. max allowed=50000  
 2015-02-16 09:29:11.730 Boom positions:  
 2015-02-16 09:29:11.730 Ch1: -2 Ch2: 1 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-16 09:29:11.730 Analog Status  
 2015-02-16 09:29:11.730 Analog Positive Supply: 5.46V  
 2015-02-16 09:29:11.730 Input Voltage: 13.35V  
 2015-02-16 09:29:11.730 System Temperature: 5C  
 2015-02-16 09:29:11.730 Main Current: 64ma  
 2015-02-16 09:29:11.730 Antenna Current: 0ma  
 2015-02-16 09:29:11.730 GPS Status  
 2015-02-16 09:29:11.730 Time: 09:29:09  
 2015-02-16 09:29:11.730 Date:  
 2015-02-16 09:29:11.730 Fix Type: 1-D  
 2015-02-16 09:29:11.730 Height:  
 2015-02-16 09:29:11.730 Latitude:  
 2015-02-16 09:29:11.730 Longitude:  
 2015-02-16 09:29:11.730 On Time: 0min  
 2015-02-16 09:29:11.730 Sat. Used: 0  
 2015-02-16 09:29:11.730 In View: 0  
 2015-02-16 09:29:11.730 Checksum Errors: 0  
 2015-02-16 09:29:11.730 Last GPS timemark: 2015-02-16 09:29:08  
 2015-02-16 09:29:11.730 PLL Status  
 2015-02-16 09:29:11.730 State: Lock  
 2015-02-16 09:29:11.730 Initial VCO: 2201.896484  
 2015-02-16 09:29:11.730 Time Error: 0.000000  
 2015-02-16 09:29:11.730 RMS VCO: 0.000000  
 2015-02-16 09:29:11.730 Best VCO: 2201.93  
 2015-02-16 09:29:11.730 Seconds Since Track or Lock: 0.0  
 2015-02-16 09:29:11.730 Vco Control: 2202  
 2015-02-16 09:29:11.730 timing mode: external seascan  
 2015-02-16 09:29:11.730 tempco normal  
 2015-02-16 09:29:11.730 PLL update: 10s PLL lock criterion: 5us  
 2015-02-16 09:29:11.730 Pfrac: 150.00  
 2015-02-16 09:29:11.730 VCO slope: -0.0175000

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2015-02-16 09:29:11.730 VCO intercept: 7.1100001  
 2015-02-16 09:29:11.730 Km delta: 600.0000000  
 2015-02-16 09:29:11.730 Logical Port 4 Status  
 2015-02-16 09:29:11.730 Data Packets Sent: 31916200  
 2015-02-16 09:29:11.730 Flood Packets Sent: 0  
 2015-02-16 09:29:11.730 Packets Re-Sent: 50408  
 2015-02-16 09:29:11.730 Sequence Errors: 0  
 2015-02-16 09:29:11.730 Packet Buffer Used: 23241444  
 2015-02-16 09:29:11.730 Physical Port: Ethernet  
 2015-02-16 09:29:11.730 Baler Model: 14 Software Version: 2.28  
 2015-02-16 09:29:11.730 MAC Address: 00:04:FB:00:02:EA  
 2015-02-16 09:29:11.730 Disk Size: 20000669696  
 2015-02-16 09:29:11.730 Percent of 1177 data files in use: 60.4  
 2015-02-16 09:29:11.730 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-16 09:29:11.730 Channel Sensitivities (uV per count):  
 2015-02-16 09:29:11.730 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-16 09:29:11.730 Digitizer Calibration Results:  
 2015-02-16 09:29:11.730 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-16 09:29:11.730 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-16 09:29:11.730 DMU1 Software Version=10  
 2015-02-16 09:29:11.730 Supply Voltage=12.7  
 2015-02-16 09:29:11.730 Supply Current=0.40  
 2015-02-16 09:29:11.730 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-16 09:29:11.730 WebLink Data Maps Restored  
 2015-02-16 09:29:11.730 [2015-02-15 21:28:13.999998] sequence resumes: 27285803 to  
 27285803  
 2015-02-16 09:29:11.730 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-16 09:29:10  
 2015-02-16 09:30:30.770 [2015-02-16 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-02-16 09:35:06.830 Reducing Status Polling Interval  
 2015-02-16 09:35:06.830 [2015-02-16 09:35:05.999998] total packets received: 58498  
 2015-02-16 09:35:06.830 [2015-02-16 09:35:05.999998] command timeouts: 6  
 2015-02-16 09:35:06.830 [2015-02-16 09:35:05.999998] out of window: 63  
 2015-02-16 09:35:06.830 written: HHZ-1252 HH1-1451 HH2-1458 BDH-459 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-02-16 09:35:06.830 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-30 LH2-30 LDH-42  
 VMZ-2 VM1-2  
 2015-02-16 09:35:06.830 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-02-16 09:35:06.830 [2015-02-16 09:35:05.999998] Done: 4793 recs. seq end:  
 27329415. run: 351 s  
 2015-02-16 21:35:59.720  
 2015-02-16 21:35:59.720 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-16 21:35:59.720 Control Port 2491 Opened  
 2015-02-16 21:35:59.720 Baler ready on Ethernet  
 2015-02-16 21:35:59.720 Power Cycled Baler Acknowledged  
 2015-02-16 21:35:59.720 Commands Accepted by Q330  
 2015-02-16 21:35:59.720 Access timeout: 300 sec  
 2015-02-16 21:35:59.720 Control Port 4023 Opened  
 2015-02-16 21:35:59.720 Data Port 4024 Opened  
 2015-02-16 21:35:59.720 Registered with Q330  
 2015-02-16 21:35:59.720 Combination Record Received  
 2015-02-16 21:35:59.720 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-16 21:35:59.720 Link Reset, starting window sequence: 55297  
 2015-02-16 21:35:59.720 GPS Receiver ID Received  
 2015-02-16 21:35:59.720 Manufacturer's Data Received, Property Tag=2017  
 2015-02-16 21:35:59.720 Digitizer Gain & Offsets Received  
 2015-02-16 21:35:59.720 Msg From 192.168.200.119:Baler XX-2017 readback. 4793 recs.  
 seq end: 27329415  
 2015-02-16 21:35:59.720 Baler clock set to 2015-02-16 21:35:58  
 2015-02-16 21:35:59.720 Starting to Read DP Tokens  
 2015-02-16 21:35:59.720 DP Tokens loaded, size=1474 bytes  
 2015-02-16 21:35:59.720 webserver advertising 192.168.200.119:5380

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2015-02-16 21:35:59.720 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-16 21:35:59.720 filters & delay HH1:2@100,Linear all=0.320000
2015-02-16 21:35:59.720 filters & delay HH2:3@100,Linear all=0.320000
2015-02-16 21:35:59.720 filters & delay BDH:4@20,Linear all=1.650000
2015-02-16 21:35:59.720 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-16 21:35:59.720 filters & delay LH1:2@1,Linear all=15.000000
2015-02-16 21:35:59.720 filters & delay LH2:3@1,Linear all=15.000000
2015-02-16 21:35:59.720 filters & delay LDH:4@1,Linear all=15.000000
2015-02-16 21:35:59.720 [2015-02-16 09:35:05.999998] continuity found: 27329415
477394506.000000 Q=100
2015-02-16 21:35:59.720 [2015-02-16 09:35:05.999998] restoring continuity
2015-02-16 21:35:59.720 Sending DT_OPEN
2015-02-16 21:35:59.720 Station: XX-2017
2015-02-16 21:35:59.720 Q330 Serial Number: 0100000DB18FC351
2015-02-16 21:35:59.720 AMB Serial Number: 0100000B6909DD82
2015-02-16 21:35:59.720 Seismo 1 Serial Number: 0000000000000000
2015-02-16 21:35:59.720 Seismo 2 Serial Number: 0000000000000000
2015-02-16 21:35:59.720 QAPCHP 1 Serial Number: 4643206
2015-02-16 21:35:59.720 QAPCHP 2 Serial Number: 3743050
2015-02-16 21:35:59.720 KMI Property Tag Number: 2017
2015-02-16 21:35:59.720 System Software Version: 1.146
2015-02-16 21:35:59.720 Slave Processor Version: 1.11
2015-02-16 21:35:59.720 Calibrator Type: QCAL330
2015-02-16 21:35:59.720 Calibrator Version: 1.8
2015-02-16 21:35:59.720 Auxiliary Board Type: None
2015-02-16 21:35:59.720 Clock Type: Motorola M12
2015-02-16 21:35:59.720 PLD Version: 7.9
2015-02-16 21:35:59.720 Total Hours: 72746.20
2015-02-16 21:35:59.720 Power On Hours: 37376.58
2015-02-16 21:35:59.720 Time of Last Boot: 2014-04-06 02:03:58
2015-02-16 21:35:59.720 Total Number of Boots: 120
2015-02-16 21:35:59.720 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-16 21:35:59.720 Total Number of Re-Syncs: 213
2015-02-16 21:35:59.720 Status Inputs: 00000000
2015-02-16 21:35:59.720 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-16 21:35:59.720 Clock Quality: 100%
2015-02-16 21:35:59.720 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-16 21:35:59.720 Clock Phase: 0 usec. max allowed=50000
2015-02-16 21:35:59.720 Boom positions:
2015-02-16 21:35:59.720 ch1: -2 ch2: 0 ch3: 9 ch4: 20 ch5: 20 ch6: 20
2015-02-16 21:35:59.720 Analog Status
2015-02-16 21:35:59.720 Analog Positive Supply: 5.46V
2015-02-16 21:35:59.720 Input Voltage: 13.35V
2015-02-16 21:35:59.720 System Temperature: 5C
2015-02-16 21:35:59.720 Main Current: 62ma
2015-02-16 21:35:59.720 Antenna Current: 0ma
2015-02-16 21:35:59.720 GPS Status
2015-02-16 21:35:59.720 Time: 21:35:58
2015-02-16 21:35:59.720 Date:
2015-02-16 21:35:59.720 Fix Type: 1-D
2015-02-16 21:35:59.720 Height:
2015-02-16 21:35:59.720 Latitude:
2015-02-16 21:35:59.720 Longitude:
2015-02-16 21:35:59.720 On Time: 0min
2015-02-16 21:35:59.720 Sat. Used: 0
2015-02-16 21:35:59.720 In View: 0
2015-02-16 21:35:59.720 Checksum Errors: 0
2015-02-16 21:35:59.720 Last GPS timemark: 2015-02-16 21:35:57
2015-02-16 21:35:59.720 PLL Status
2015-02-16 21:35:59.720 State: Lock
2015-02-16 21:35:59.720 Initial VCO: 2201.876465
2015-02-16 21:35:59.720 Time Error: 0.000002
2015-02-16 21:35:59.720 RMS VCO: 0.0000000

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2015-02-16 21:35:59.720 Best VCO: 2201.62
2015-02-16 21:35:59.720 Seconds Since Track or Lock: 0.0
2015-02-16 21:35:59.720 Vco Control: 2202
2015-02-16 21:35:59.720 timing mode: external seascan
2015-02-16 21:35:59.720 tempco normal
2015-02-16 21:35:59.720 PLL update: 10s PLL lock criterion: 5us
2015-02-16 21:35:59.720 Pfrac: 150.00
2015-02-16 21:35:59.720 VCO slope: -0.0175000
2015-02-16 21:35:59.720 VCO intercept: 7.1100001
2015-02-16 21:35:59.720 km delta: 600.0000000
2015-02-16 21:35:59.720 Logical Port 4 Status
2015-02-16 21:35:59.720 Data Packets Sent: 31974603
2015-02-16 21:35:59.720 Flood Packets Sent: 0
2015-02-16 21:35:59.720 Packets Re-Sent: 50485
2015-02-16 21:35:59.720 Sequence Errors: 0
2015-02-16 21:35:59.720 Packet Buffer Used: 23091760
2015-02-16 21:35:59.720 Physical Port: Ethernet
2015-02-16 21:35:59.720 Baler Model: 14 Software Version: 2.28
2015-02-16 21:35:59.720 MAC Address: 00:04:FB:00:02:EA
2015-02-16 21:35:59.720 Disk Size: 20000669696
2015-02-16 21:35:59.720 Percent of 1177 data files in use: 60.6
2015-02-16 21:35:59.720 Channels Enabled: 1234 Preamps ON channels:
2015-02-16 21:35:59.720 Channel Sensitivities (uV per count):
2015-02-16 21:35:59.720 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-16 21:35:59.720 Digitizer Calibration Results:
2015-02-16 21:35:59.720 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-16 21:35:59.720 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-16 21:35:59.720 DMU1 Software Version=10
2015-02-16 21:35:59.720 Supply Voltage=12.7
2015-02-16 21:35:59.720 Supply Current=0.40
2015-02-16 21:35:59.720 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-16 21:35:59.720 webLink Data Maps Restored
2015-02-16 21:35:59.720 [2015-02-16 09:35:05.999998] sequence resumes: 27329415 to
27329415
2015-02-16 21:35:59.720 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-16 21:35:58
2015-02-16 21:41:48.550 [2015-02-16 21:38:07.000000] total packets received: 56391
2015-02-16 21:41:48.550 [2015-02-16 21:38:07.000000] command timeouts: 6
2015-02-16 21:41:48.550 [2015-02-16 21:38:07.000000] out of window: 66
2015-02-16 21:41:48.550 written: HHZ-1225 HH1-1425 HH2-1459 BDH-452 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-16 21:41:48.550 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-38
VMZ-2 VM1-2
2015-02-16 21:41:48.550 [2015-02-16 21:38:07.000000] Done: 4720 recs. seq end:
27372796. run: 345 s
2015-02-17 09:42:44.800
2015-02-17 09:42:44.800 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-17 09:42:44.800 Control Port 2491 Opened
2015-02-17 09:42:44.800 Baler ready on Ethernet
2015-02-17 09:42:44.800 Power Cycled Baler Acknowledged
2015-02-17 09:42:44.800 Commands Accepted by Q330
2015-02-17 09:42:44.800 Access timeout: 300 sec
2015-02-17 09:42:44.800 Control Port 4023 Opened
2015-02-17 09:42:44.800 Data Port 4024 Opened
2015-02-17 09:42:44.800 Registered with Q330
2015-02-17 09:42:44.800 Combination Record Received
2015-02-17 09:42:44.800 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-17 09:42:44.800 Link Reset, starting window sequence: 46050
2015-02-17 09:42:44.800 GPS Receiver ID Received
2015-02-17 09:42:44.800 Manufacturer's Data Received, Property Tag=2017
2015-02-17 09:42:44.800 Digitizer Gain & Offsets Received
2015-02-17 09:42:44.800 Msg From 192.168.200.119:Baler XX-2017 readback. 4720 recs.
seq end: 27372796

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2015-02-17 09:42:44.800 Baler clock set to 2015-02-17 09:42:43
2015-02-17 09:42:44.800 Starting to Read DP Tokens
2015-02-17 09:42:44.800 DP Tokens loaded, size=1474 bytes
2015-02-17 09:42:44.800 webserver advertising 192.168.200.119:5380
2015-02-17 09:42:44.800 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-17 09:42:44.800 filters & delay HH1:2@100,Linear all=0.320000
2015-02-17 09:42:44.800 filters & delay HH2:3@100,Linear all=0.320000
2015-02-17 09:42:44.800 filters & delay BDH:4@20,Linear all=1.650000
2015-02-17 09:42:44.800 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-17 09:42:44.800 filters & delay LH1:2@1,Linear all=15.000000
2015-02-17 09:42:44.800 filters & delay LH2:3@1,Linear all=15.000000
2015-02-17 09:42:44.800 filters & delay LDH:4@1,Linear all=15.000000
2015-02-17 09:42:44.800 [2015-02-16 21:38:07.000000] continuity found: 27372796
477437887.000000 Q=100
2015-02-17 09:42:44.800 [2015-02-16 21:38:07.000000] restoring continuity
2015-02-17 09:42:44.800 Sending DT_OPEN
2015-02-17 09:42:44.800 Station: XX-2017
2015-02-17 09:42:44.800 Q330 Serial Number: 0100000DB18FC351
2015-02-17 09:42:44.800 AMB Serial Number: 0100000B6909DD82
2015-02-17 09:42:44.800 Seismo 1 Serial Number: 0000000000000000
2015-02-17 09:42:44.800 Seismo 2 Serial Number: 0000000000000000
2015-02-17 09:42:44.800 QAPCHP 1 Serial Number: 4643206
2015-02-17 09:42:44.800 QAPCHP 2 Serial Number: 3743050
2015-02-17 09:42:44.800 KMI Property Tag Number: 2017
2015-02-17 09:42:44.800 System Software Version: 1.146
2015-02-17 09:42:44.800 Slave Processor Version: 1.11
2015-02-17 09:42:44.800 Calibrator Type: QCAL330
2015-02-17 09:42:44.800 Calibrator Version: 1.8
2015-02-17 09:42:44.800 Auxiliary Board Type: None
2015-02-17 09:42:44.800 Clock Type: Motorola M12
2015-02-17 09:42:44.800 PLD Version: 7.9
2015-02-17 09:42:44.800 Total Hours: 72758.31
2015-02-17 09:42:44.800 Power On Hours: 37388.69
2015-02-17 09:42:44.800 Time of Last Boot: 2014-04-06 02:03:58
2015-02-17 09:42:44.800 Total Number of Boots: 120
2015-02-17 09:42:44.800 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-17 09:42:44.800 Total Number of Re-Syncs: 213
2015-02-17 09:42:44.800 Status Inputs: 00000000
2015-02-17 09:42:44.800 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2015-02-17 09:42:44.800 Clock Quality: 100%
2015-02-17 09:42:44.800 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-17 09:42:44.800 Clock Phase: 0 usec. max allowed=50000
2015-02-17 09:42:44.800 Boom positions:
2015-02-17 09:42:44.800 Ch1: -2 Ch2: 0 Ch3: 9 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-17 09:42:44.800 Analog Status
2015-02-17 09:42:44.800 Analog Positive Supply: 5.46V
2015-02-17 09:42:44.800 Input Voltage: 13.20V
2015-02-17 09:42:44.800 System Temperature: 5C
2015-02-17 09:42:44.800 Main Current: 62ma
2015-02-17 09:42:44.800 Antenna Current: 0ma
2015-02-17 09:42:44.800 GPS Status
2015-02-17 09:42:44.800 Time: 09:42:43
2015-02-17 09:42:44.800 Date:
2015-02-17 09:42:44.800 Fix Type: 1-D
2015-02-17 09:42:44.800 Height:
2015-02-17 09:42:44.800 Latitude:
2015-02-17 09:42:44.800 Longitude:
2015-02-17 09:42:44.800 On Time: 0min
2015-02-17 09:42:44.800 Sat. Used: 0
2015-02-17 09:42:44.800 In View: 0
2015-02-17 09:42:44.800 Checksum Errors: 0
2015-02-17 09:42:44.800 Last GPS timemark: 2015-02-17 09:42:42
2015-02-17 09:42:44.800 PLL Status

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2015-02-17 09:42:44.800 State: Lock  
 2015-02-17 09:42:44.800 Initial VCO: 2201.541260  
 2015-02-17 09:42:44.800 Time Error: 0.000000  
 2015-02-17 09:42:44.800 RMS VCO: 0.0000000  
 2015-02-17 09:42:44.800 Best VCO: 2201.44  
 2015-02-17 09:42:44.800 Seconds Since Track or Lock: 0.0  
 2015-02-17 09:42:44.800 Vco Control: 2202  
 2015-02-17 09:42:44.800 timing mode: external seascan  
 2015-02-17 09:42:44.800 tempco normal  
 2015-02-17 09:42:44.800 PLL update: 10s PLL lock criterion: 5us  
 2015-02-17 09:42:44.800 Pfrac: 150.00  
 2015-02-17 09:42:44.800 VCO slope: -0.0175000  
 2015-02-17 09:42:44.800 VCO intercept: 7.1100001  
 2015-02-17 09:42:44.800 Km delta: 600.0000000  
 2015-02-17 09:42:44.800 Logical Port 4 Status  
 2015-02-17 09:42:44.800 Data Packets Sent: 32030897  
 2015-02-17 09:42:44.800 Flood Packets Sent: 0  
 2015-02-17 09:42:44.800 Packets Re-Sent: 50570  
 2015-02-17 09:42:44.800 Sequence Errors: 0  
 2015-02-17 09:42:44.800 Packet Buffer Used: 23532744  
 2015-02-17 09:42:44.800 Physical Port: Ethernet  
 2015-02-17 09:42:44.800 Baler Model: 14 Software Version: 2.28  
 2015-02-17 09:42:44.800 MAC Address: 00:04:FB:00:02:EA  
 2015-02-17 09:42:44.800 Disk Size: 20000669696  
 2015-02-17 09:42:44.800 Percent of 1177 data files in use: 60.7  
 2015-02-17 09:42:44.800 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-17 09:42:44.800 Channel Sensitivities (uV per count):  
 2015-02-17 09:42:44.800 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-17 09:42:44.800 Digitizer Calibration Results:  
 2015-02-17 09:42:44.800 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-17 09:42:44.800 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-17 09:42:44.800 DMU1 Software Version=10  
 2015-02-17 09:42:44.800 Supply Voltage=12.6  
 2015-02-17 09:42:44.800 Supply Current=0.40  
 2015-02-17 09:42:44.800 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-17 09:42:44.800 WebLink Data Maps Restored  
 2015-02-17 09:42:44.800 [2015-02-16 21:38:07.000000] sequence resumes: 27372796 to  
 27372796  
 2015-02-17 09:42:44.800 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-17 09:42:43  
 2015-02-17 09:43:48.560 [2015-02-17 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-02-17 09:48:45.770 Reducing Status Polling Interval  
 2015-02-17 09:48:45.770 [2015-02-17 09:48:44.999998] total packets received: 62978  
 2015-02-17 09:48:45.770 [2015-02-17 09:48:44.999998] command timeouts: 6  
 2015-02-17 09:48:45.770 [2015-02-17 09:48:44.999998] out of window: 57  
 2015-02-17 09:48:45.770 written: HHZ-1281 HH1-1457 HH2-1492 BDH-453 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2015-02-17 09:48:45.770 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-28 LH2-29 LDH-34  
 VMZ-1 VM1-1  
 2015-02-17 09:48:45.770 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-02-17 09:48:45.770 [2015-02-17 09:48:44.999998] Done: 4837 recs. seq end:  
 27416634. run: 358 s  
 2015-02-17 21:49:41.730  
 2015-02-17 21:49:41.730 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-17 21:49:41.730 Control Port 2491 Opened  
 2015-02-17 21:49:41.730 Baler ready on Ethernet  
 2015-02-17 21:49:41.730 Power Cycled Baler Acknowledged  
 2015-02-17 21:49:41.730 Commands Accepted by Q330  
 2015-02-17 21:49:41.730 Access timeout: 300 sec  
 2015-02-17 21:49:41.730 Control Port 4023 Opened  
 2015-02-17 21:49:41.730 Data Port 4024 Opened  
 2015-02-17 21:49:41.730 Registered with Q330



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2015-02-17 21:49:41.730 Combination Record Received
2015-02-17 21:49:41.730 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-17 21:49:41.730 Link Reset, starting window sequence: 43397
2015-02-17 21:49:41.730 GPS Receiver ID Received
2015-02-17 21:49:41.730 Manufacturer's Data Received, Property Tag=2017
2015-02-17 21:49:41.730 Digitizer Gain & Offsets Received
2015-02-17 21:49:41.730 Msg From 192.168.200.119: Baler XX-2017 readback. 4837 recs.
seq end: 27416634
2015-02-17 21:49:41.730 Baler clock set to 2015-02-17 21:49:40
2015-02-17 21:49:41.730 Starting to Read DP Tokens
2015-02-17 21:49:41.730 DP Tokens loaded, size=1474 bytes
2015-02-17 21:49:41.730 webserver advertising 192.168.200.119:5380
2015-02-17 21:49:41.730 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-17 21:49:41.730 filters & delay HH1:2@100,Linear all=0.320000
2015-02-17 21:49:41.730 filters & delay HH2:3@100,Linear all=0.320000
2015-02-17 21:49:41.730 filters & delay BDH:4@20,Linear all=1.650000
2015-02-17 21:49:41.730 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-17 21:49:41.730 filters & delay LH1:2@1,Linear all=15.000000
2015-02-17 21:49:41.730 filters & delay LH2:3@1,Linear all=15.000000
2015-02-17 21:49:41.730 filters & delay LDH:4@1,Linear all=15.000000
2015-02-17 21:49:41.730 [2015-02-17 09:48:44.999998] continuity found: 27416634
477481725.000000 Q=100
2015-02-17 21:49:41.730 [2015-02-17 09:48:44.999998] restoring continuity
2015-02-17 21:49:41.730 Sending DT_OPEN
2015-02-17 21:49:41.730 Station: XX-2017
2015-02-17 21:49:41.730 Q330 Serial Number: 0100000DB18FC351
2015-02-17 21:49:41.730 AMB Serial Number: 0100000B6909DD82
2015-02-17 21:49:41.730 Seismo 1 Serial Number: 0000000000000000
2015-02-17 21:49:41.730 Seismo 2 Serial Number: 0000000000000000
2015-02-17 21:49:41.730 QAPCHP 1 Serial Number: 4643206
2015-02-17 21:49:41.730 QAPCHP 2 Serial Number: 3743050
2015-02-17 21:49:41.730 KMI Property Tag Number: 2017
2015-02-17 21:49:41.730 System Software Version: 1.146
2015-02-17 21:49:41.730 Slave Processor Version: 1.11
2015-02-17 21:49:41.730 Calibrator Type: QCAL330
2015-02-17 21:49:41.730 Calibrator Version: 1.8
2015-02-17 21:49:41.730 Auxiliary Board Type: None
2015-02-17 21:49:41.730 Clock Type: Motorola M12
2015-02-17 21:49:41.730 PLD Version: 7.9
2015-02-17 21:49:41.730 Total Hours: 72770.42
2015-02-17 21:49:41.730 Power On Hours: 37400.81
2015-02-17 21:49:41.730 Time of Last Boot: 2014-04-06 02:03:58
2015-02-17 21:49:41.730 Total Number of Boots: 120
2015-02-17 21:49:41.730 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-17 21:49:41.730 Total Number of Re-Syncs: 213
2015-02-17 21:49:41.730 Status Inputs: 00000000
2015-02-17 21:49:41.730 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-17 21:49:41.730 Clock Quality: 100%
2015-02-17 21:49:41.730 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-17 21:49:41.730 Clock Phase: 0 usec. max allowed=50000
2015-02-17 21:49:41.730 Boom positions:
2015-02-17 21:49:41.730 ch1: -2 ch2: 1 ch3: 10 ch4: 20 ch5: 20 ch6: 20
2015-02-17 21:49:41.730 Analog Status
2015-02-17 21:49:41.730 Analog Positive Supply: 5.46V
2015-02-17 21:49:41.730 Input Voltage: 13.35V
2015-02-17 21:49:41.730 System Temperature: 5C
2015-02-17 21:49:41.730 Main Current: 62ma
2015-02-17 21:49:41.730 Antenna Current: 0ma
2015-02-17 21:49:41.730 GPS Status
2015-02-17 21:49:41.730 Time: 21:49:40
2015-02-17 21:49:41.730 Date:
2015-02-17 21:49:41.730 Fix Type: 1-D
2015-02-17 21:49:41.730 Height:

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2015-02-17 21:49:41.730 Latitude:
2015-02-17 21:49:41.730 Longitude:
2015-02-17 21:49:41.730 On Time: 0min
2015-02-17 21:49:41.730 Sat. Used: 0
2015-02-17 21:49:41.730 In View: 0
2015-02-17 21:49:41.730 Checksum Errors: 0
2015-02-17 21:49:41.730 PLL Status
2015-02-17 21:49:41.730 State: Lock
2015-02-17 21:49:41.730 Initial VCO: 2201.000000
2015-02-17 21:49:41.730 Time Error: 0.000000
2015-02-17 21:49:41.730 RMS VCO: 0.0000000
2015-02-17 21:49:41.730 Best VCO: 2201.00
2015-02-17 21:49:41.730 Seconds Since Track or Lock: 0.0
2015-02-17 21:49:41.730 Vco Control: 2201
2015-02-17 21:49:41.730 timing mode: external seascan
2015-02-17 21:49:41.730 tempco normal
2015-02-17 21:49:41.730 PLL update: 10s PLL lock criterion: 5us
2015-02-17 21:49:41.730 Pfrac: 150.00
2015-02-17 21:49:41.730 VCO slope: -0.0175000
2015-02-17 21:49:41.730 VCO intercept: 7.1100001
2015-02-17 21:49:41.730 km delta: 600.0000000
2015-02-17 21:49:41.730 Logical Port 4 Status
2015-02-17 21:49:41.730 Data Packets Sent: 32093786
2015-02-17 21:49:41.730 Flood Packets Sent: 0
2015-02-17 21:49:41.730 Packets Re-Sent: 50647
2015-02-17 21:49:41.730 Sequence Errors: 0
2015-02-17 21:49:41.730 Packet Buffer Used: 25298904
2015-02-17 21:49:41.730 Physical Port: Ethernet
2015-02-17 21:49:41.730 Baler Model: 14 Software Version: 2.28
2015-02-17 21:49:41.730 MAC Address: 00:04:FB:00:02:EA
2015-02-17 21:49:41.730 Disk Size: 20000669696
2015-02-17 21:49:41.730 Percent of 1177 data files in use: 60.7
2015-02-17 21:49:41.730 Channels Enabled: 1234 Preamps ON channels:
2015-02-17 21:49:41.730 Channel sensitivities (uV per count):
2015-02-17 21:49:41.730 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-17 21:49:41.730 Digitizer Calibration Results:
2015-02-17 21:49:41.730 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-17 21:49:41.730 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-17 21:49:41.730 DMU1 Software Version=10
2015-02-17 21:49:41.730 Supply Voltage=12.7
2015-02-17 21:49:41.730 Supply Current=0.40
2015-02-17 21:49:41.730 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-17 21:49:41.730 webLink Data Maps Restored
2015-02-17 21:49:41.730 [2015-02-17 09:48:44.999998] sequence resumes: 27416634 to
27416634
2015-02-17 21:49:41.730 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-17 21:49:40
2015-02-17 21:53:40.600 Reducing Status Polling Interval
2015-02-17 21:56:23.240 [2015-02-17 21:56:21.999998] total packets received: 81991
2015-02-17 21:56:23.240 [2015-02-17 21:56:21.999998] command timeouts: 6
2015-02-17 21:56:23.240 [2015-02-17 21:56:21.999998] out of window: 87
2015-02-17 21:56:23.240 written: HHZ-1422 HH1-1632 HH2-1594 BDH-461 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-17 21:56:23.240 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-29 LH1-39 LH2-38 LDH-45
VMZ-2 VM1-2
2015-02-17 21:56:23.240 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1
2015-02-17 21:56:23.240 [2015-02-17 21:56:21.999998] Done: 5308 recs. seq end:
27460291. run: 398 s
2015-02-18 09:57:16.740
2015-02-18 09:57:16.740 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-18 09:57:16.740 Control Port 2491 Opened
2015-02-18 09:57:16.740 Baler ready on Ethernet
2015-02-18 09:57:16.740 Power Cycled Baler Acknowledged

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2015-02-18 09:57:16.740 Commands Accepted by Q330
2015-02-18 09:57:16.740 Access timeout: 300 sec
2015-02-18 09:57:16.740 Control Port 4023 Opened
2015-02-18 09:57:16.740 Data Port 4024 Opened
2015-02-18 09:57:16.740 Registered with Q330
2015-02-18 09:57:16.740 Combination Record Received
2015-02-18 09:57:16.740 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-18 09:57:16.740 Link Reset, starting window sequence: 59702
2015-02-18 09:57:16.740 GPS Receiver ID Received
2015-02-18 09:57:16.740 Manufacturer's Data Received, Property Tag=2017
2015-02-18 09:57:16.740 Digitizer Gain & Offsets Received
2015-02-18 09:57:16.740 Msg From 192.168.200.119:Baler XX-2017 readback. 5308 recs.
seq end: 27460291
2015-02-18 09:57:16.740 Baler clock set to 2015-02-18 09:57:15
2015-02-18 09:57:16.740 Starting to Read DP Tokens
2015-02-18 09:57:16.740 DP Tokens loaded, size=1474 bytes
2015-02-18 09:57:16.740 webserver advertising 192.168.200.119:5380
2015-02-18 09:57:16.740 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-18 09:57:16.740 filters & delay HH1:2@100,Linear all=0.320000
2015-02-18 09:57:16.740 filters & delay HH2:3@100,Linear all=0.320000
2015-02-18 09:57:16.740 filters & delay BDH:4@20,Linear all=1.650000
2015-02-18 09:57:16.740 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-18 09:57:16.740 filters & delay LH1:2@1,Linear all=15.000000
2015-02-18 09:57:16.740 filters & delay LH2:3@1,Linear all=15.000000
2015-02-18 09:57:16.740 filters & delay LDH:4@1,Linear all=15.000000
2015-02-18 09:57:16.740 [2015-02-17 21:56:21.999998] continuity found: 27460291
477525382.000000 Q=100
2015-02-18 09:57:16.740 [2015-02-17 21:56:21.999998] restoring continuity
2015-02-18 09:57:16.740 Sending DT_OPEN
2015-02-18 09:57:16.740 Station: XX-2017
2015-02-18 09:57:16.740 Q330 Serial Number: 0100000DB18FC351
2015-02-18 09:57:16.740 AMB Serial Number: 0100000B6909DD82
2015-02-18 09:57:16.740 Seismo 1 Serial Number: 0000000000000000
2015-02-18 09:57:16.740 Seismo 2 Serial Number: 0000000000000000
2015-02-18 09:57:16.740 QAPCHP 1 Serial Number: 4643206
2015-02-18 09:57:16.740 QAPCHP 2 Serial Number: 3743050
2015-02-18 09:57:16.740 KMI Property Tag Number: 2017
2015-02-18 09:57:16.740 System Software Version: 1.146
2015-02-18 09:57:16.740 Slave Processor Version: 1.11
2015-02-18 09:57:16.740 Calibrator Type: QCAL330
2015-02-18 09:57:16.740 Calibrator Version: 1.8
2015-02-18 09:57:16.740 Auxiliary Board Type: None
2015-02-18 09:57:16.740 Clock Type: Motorola M12
2015-02-18 09:57:16.740 PLD Version: 7.9
2015-02-18 09:57:16.740 Total Hours: 72782.55
2015-02-18 09:57:16.740 Power On Hours: 37412.94
2015-02-18 09:57:16.740 Time of Last Boot: 2014-04-06 02:03:58
2015-02-18 09:57:16.740 Total Number of Boots: 120
2015-02-18 09:57:16.740 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-18 09:57:16.740 Total Number of Re-Syncs: 213
2015-02-18 09:57:16.740 Status Inputs: 00000000
2015-02-18 09:57:16.740 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-18 09:57:16.740 Clock Quality: 100%
2015-02-18 09:57:16.740 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-18 09:57:16.740 Clock Phase: 0 usec. max allowed=50000
2015-02-18 09:57:16.740 Boom positions:
2015-02-18 09:57:16.740 ch1: -2 ch2: 0 ch3: 10 ch4: 20 ch5: 20 ch6: 20
2015-02-18 09:57:16.740 Analog Status
2015-02-18 09:57:16.740 Analog Positive Supply: 5.46V
2015-02-18 09:57:16.740 Input Voltage: 13.20V
2015-02-18 09:57:16.740 System Temperature: 5C
2015-02-18 09:57:16.740 Main Current: 63ma
2015-02-18 09:57:16.740 Antenna Current: 0ma

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2015-02-18 09:57:16.740 GPS Status  
 2015-02-18 09:57:16.740 Time: 09:57:15  
 2015-02-18 09:57:16.740 Date:  
 2015-02-18 09:57:16.740 Fix Type: 1-D  
 2015-02-18 09:57:16.740 Height:  
 2015-02-18 09:57:16.740 Latitude:  
 2015-02-18 09:57:16.740 Longitude:  
 2015-02-18 09:57:16.740 On Time: 0min  
 2015-02-18 09:57:16.740 Sat. Used: 0  
 2015-02-18 09:57:16.740 In View: 0  
 2015-02-18 09:57:16.740 Checksum Errors: 0  
 2015-02-18 09:57:16.740 Last GPS timemark: 2015-02-18 09:57:14  
 2015-02-18 09:57:16.740 PLL Status  
 2015-02-18 09:57:16.740 State: Lock  
 2015-02-18 09:57:16.740 Initial VCO: 2200.986572  
 2015-02-18 09:57:16.740 Time Error: 0.000000  
 2015-02-18 09:57:16.740 RMS VCO: 0.0000000  
 2015-02-18 09:57:16.740 Best VCO: 2200.99  
 2015-02-18 09:57:16.740 Seconds Since Track or Lock: 0.0  
 2015-02-18 09:57:16.740 Vco Control: 2201  
 2015-02-18 09:57:16.740 timing mode: external seascan  
 2015-02-18 09:57:16.740 tempco normal  
 2015-02-18 09:57:16.740 PLL update: 10s PLL lock criterion: 5us  
 2015-02-18 09:57:16.740 Pfrac: 150.00  
 2015-02-18 09:57:16.740 VCO slope: -0.0175000  
 2015-02-18 09:57:16.740 VCO intercept: 7.1100001  
 2015-02-18 09:57:16.740 km delta: 600.0000000  
 2015-02-18 09:57:16.740 Logical Port 4 Status  
 2015-02-18 09:57:16.740 Data Packets Sent: 32175633  
 2015-02-18 09:57:16.740 Flood Packets Sent: 0  
 2015-02-18 09:57:16.740 Packets Re-Sent: 50748  
 2015-02-18 09:57:16.740 Sequence Errors: 0  
 2015-02-18 09:57:16.740 Packet Buffer Used: 24221128  
 2015-02-18 09:57:16.740 Physical Port: Ethernet  
 2015-02-18 09:57:16.740 Baler Model: 14 Software Version: 2.28  
 2015-02-18 09:57:16.740 MAC Address: 00:04:FB:00:02:EA  
 2015-02-18 09:57:16.740 Disk Size: 20000669696  
 2015-02-18 09:57:16.740 Percent of 1177 data files in use: 60.8  
 2015-02-18 09:57:16.740 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-18 09:57:16.740 Channel Sensitivities (uV per count):  
 2015-02-18 09:57:16.740 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-18 09:57:16.740 Digitizer Calibration Results:  
 2015-02-18 09:57:16.740 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-18 09:57:16.740 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-18 09:57:16.740 DMU1 Software Version=10  
 2015-02-18 09:57:16.740 Supply Voltage=12.6  
 2015-02-18 09:57:16.740 Supply Current=0.41  
 2015-02-18 09:57:16.740 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-18 09:57:16.740 webLink Data Maps Restored  
 2015-02-18 09:57:16.740 [2015-02-17 21:56:21.999998] sequence resumes: 27460291 to  
 27460291  
 2015-02-18 09:57:16.740 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-18 09:57:15  
 2015-02-18 09:58:16.880 [2015-02-18 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2015-02-18 10:03:30.070 Reducing Status Polling Interval  
 2015-02-18 10:03:30.070 [2015-02-18 10:03:28.999998] total packets received: 72562  
 2015-02-18 10:03:30.070 [2015-02-18 10:03:28.999998] command timeouts: 6  
 2015-02-18 10:03:30.070 [2015-02-18 10:03:28.999998] out of window: 58  
 2015-02-18 10:03:30.070 written: HHZ-1321 HH1-1540 HH2-1527 BDH-459 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-02-18 10:03:30.070 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-26 LH1-37 LH2-37 LDH-44  
 VMZ-2 VM1-2

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2015-02-18 10:03:30.070 written: VM2-2 LOG-3 ACE-2 OCF-2
2015-02-18 10:03:30.070 [2015-02-18 10:03:28.999998] Done: 5040 recs. seq end:
27503918. run: 371 s
2015-02-18 22:04:25.700
2015-02-18 22:04:25.700 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-18 22:04:25.700 Control Port 2491 Opened
2015-02-18 22:04:25.700 Baler ready on Ethernet
2015-02-18 22:04:25.700 Power Cycled Baler Acknowledged
2015-02-18 22:04:25.700 Commands Accepted by Q330
2015-02-18 22:04:25.700 Access timeout: 300 sec
2015-02-18 22:04:25.700 Control Port 4023 Opened
2015-02-18 22:04:25.700 Data Port 4024 Opened
2015-02-18 22:04:25.700 Registered with Q330
2015-02-18 22:04:25.700 Combination Record Received
2015-02-18 22:04:25.700 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-18 22:04:25.700 Link Reset, starting window sequence: 1096
2015-02-18 22:04:25.700 GPS Receiver ID Received
2015-02-18 22:04:25.700 Manufacturer's Data Received, Property Tag=2017
2015-02-18 22:04:25.700 Digitizer Gain & Offsets Received
2015-02-18 22:04:25.700 Msg From 192.168.200.119:Baler XX-2017 readback. 5040 recs.
seq end: 27503918
2015-02-18 22:04:25.700 Baler clock set to 2015-02-18 22:04:24
2015-02-18 22:04:25.700 Starting to Read DP Tokens
2015-02-18 22:04:25.700 DP Tokens loaded, size=1474 bytes
2015-02-18 22:04:25.700 webserver advertising 192.168.200.119:5380
2015-02-18 22:04:25.700 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-18 22:04:25.700 filters & delay HH1:2@100,Linear all=0.320000
2015-02-18 22:04:25.700 filters & delay HH2:3@100,Linear all=0.320000
2015-02-18 22:04:25.700 filters & delay BDH:4@20,Linear all=1.650000
2015-02-18 22:04:25.700 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-18 22:04:25.700 filters & delay LH1:2@1,Linear all=15.000000
2015-02-18 22:04:25.700 filters & delay LDH:4@1,Linear all=15.000000
2015-02-18 22:04:25.700 [2015-02-18 10:03:28.999998] continuity found: 27503918
477569009.000000 Q=100
2015-02-18 22:04:25.700 [2015-02-18 10:03:28.999998] restoring continuity
2015-02-18 22:04:25.700 Sending DT_OPEN
2015-02-18 22:04:25.700 Station: XX-2017
2015-02-18 22:04:25.700 Q330 Serial Number: 0100000DB18FC351
2015-02-18 22:04:25.700 AMB Serial Number: 0100000B6909DD82
2015-02-18 22:04:25.700 Seismo 1 Serial Number: 0000000000000000
2015-02-18 22:04:25.700 Seismo 2 Serial Number: 0000000000000000
2015-02-18 22:04:25.700 QAPCHP 1 Serial Number: 4643206
2015-02-18 22:04:25.700 QAPCHP 2 Serial Number: 3743050
2015-02-18 22:04:25.700 KMI Property Tag Number: 2017
2015-02-18 22:04:25.700 System Software Version: 1.146
2015-02-18 22:04:25.700 Slave Processor Version: 1.11
2015-02-18 22:04:25.700 Calibrator Type: QCAL330
2015-02-18 22:04:25.700 Calibrator Version: 1.8
2015-02-18 22:04:25.700 Auxiliary Board Type: None
2015-02-18 22:04:25.700 Clock Type: Motorola M12
2015-02-18 22:04:25.700 PLD Version: 7.9
2015-02-18 22:04:25.700 Total Hours: 72794.67
2015-02-18 22:04:25.700 Power On Hours: 37425.06
2015-02-18 22:04:25.700 Time of Last Boot: 2014-04-06 02:03:58
2015-02-18 22:04:25.700 Total Number of Boots: 120
2015-02-18 22:04:25.700 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-18 22:04:25.700 Total Number of Re-Syncs: 213
2015-02-18 22:04:25.700 Status Inputs: 00000000
2015-02-18 22:04:25.700 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-18 22:04:25.700 Clock Quality: 100%
2015-02-18 22:04:25.700 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-18 22:04:25.700 Clock Phase: 1 usec. max allowed=50000
2015-02-18 22:04:25.700 Boom positions:

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2015-02-18 22:04:25.700 ch1: -2 ch2: 0 ch3: 10 ch4: 20 ch5: 20 ch6: 20
2015-02-18 22:04:25.700 Analog Status
2015-02-18 22:04:25.700 Analog Positive Supply: 5.46V
2015-02-18 22:04:25.700 Input Voltage: 13.20V
2015-02-18 22:04:25.700 System Temperature: 5C
2015-02-18 22:04:25.700 Main Current: 62ma
2015-02-18 22:04:25.700 Antenna Current: 0ma
2015-02-18 22:04:25.700 GPS Status
2015-02-18 22:04:25.700 Time: 22:04:24
2015-02-18 22:04:25.700 Date:
2015-02-18 22:04:25.700 Fix Type: 1-D
2015-02-18 22:04:25.700 Height:
2015-02-18 22:04:25.700 Latitude:
2015-02-18 22:04:25.700 Longitude:
2015-02-18 22:04:25.700 On Time: 0min
2015-02-18 22:04:25.700 Sat. Used: 0
2015-02-18 22:04:25.700 In View: 0
2015-02-18 22:04:25.700 Checksum Errors: 0
2015-02-18 22:04:25.700 Last GPS timemark: 2015-02-18 22:04:23
2015-02-18 22:04:25.700 PLL Status
2015-02-18 22:04:25.700 State: Lock
2015-02-18 22:04:25.700 Initial VCO: 2200.882080
2015-02-18 22:04:25.700 Time Error: 0.000000
2015-02-18 22:04:25.700 RMS VCO: 0.0000000
2015-02-18 22:04:25.700 Best VCO: 2200.69
2015-02-18 22:04:25.700 Seconds Since Track or Lock: 0.0
2015-02-18 22:04:25.700 Vco Control: 2200
2015-02-18 22:04:25.700 timing mode: external seascan
2015-02-18 22:04:25.700 tempco normal
2015-02-18 22:04:25.700 PLL update: 10s PLL lock criterion: 5us
2015-02-18 22:04:25.700 Pfrac: 150.00
2015-02-18 22:04:25.700 VCO slope: -0.0175000
2015-02-18 22:04:25.700 VCO intercept: 7.1100001
2015-02-18 22:04:25.700 km delta: 600.0000000
2015-02-18 22:04:25.700 Logical Port 4 Status
2015-02-18 22:04:25.700 Data Packets Sent: 32248104
2015-02-18 22:04:25.700 Flood Packets Sent: 0
2015-02-18 22:04:25.700 Packets Re-Sent: 50823
2015-02-18 22:04:25.700 Sequence Errors: 0
2015-02-18 22:04:25.700 Packet Buffer Used: 23844432
2015-02-18 22:04:25.700 Physical Port: Ethernet
2015-02-18 22:04:25.700 Baler Model: 14 Software Version: 2.28
2015-02-18 22:04:25.700 MAC Address: 00:04:FB:00:02:EA
2015-02-18 22:04:25.700 Disk Size: 20000669696
2015-02-18 22:04:25.700 Percent of 1177 data files in use: 60.9
2015-02-18 22:04:25.700 Channels Enabled: 1234 Preamps ON channels:
2015-02-18 22:04:25.700 Channel Sensitivities (uV per count):
2015-02-18 22:04:25.700 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-18 22:04:25.700 Digitizer Calibration Results:
2015-02-18 22:04:25.700 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-18 22:04:25.700 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-18 22:04:25.700 DMU1 Software Version=10
2015-02-18 22:04:25.700 Supply Voltage=12.6
2015-02-18 22:04:25.700 Supply Current=0.41
2015-02-18 22:04:25.700 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-18 22:04:25.700 WebLink Data Maps Restored
2015-02-18 22:04:25.700 [2015-02-18 10:03:28.999998] sequence resumes: 27503918 to
27503918
2015-02-18 22:04:25.700 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-02-18 22:04:24
2015-02-18 22:10:29.420 Reducing Status Polling Interval
2015-02-18 22:10:29.420 [2015-02-18 22:10:27.999998] total packets received: 69168
2015-02-18 22:10:29.420 [2015-02-18 22:10:27.999998] command timeouts: 6

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2015-02-18 22:10:29.420 [2015-02-18 22:10:27.999998] out of window: 53
2015-02-18 22:10:29.420 written: HHZ-1284 HH1-1543 HH2-1475 BDH-457 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-02-18 22:10:29.420 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-32 LH2-34 LDH-42
VMZ-1 VM1-1
2015-02-18 22:10:29.420 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-18 22:10:29.420 [2015-02-18 22:10:27.999998] Done: 4927 recs. seq end:
27547537. run: 362 s
2015-02-19 10:11:25.720
2015-02-19 10:11:25.720 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-19 10:11:25.720 Control Port 2491 Opened
2015-02-19 10:11:25.720 Baler ready on Ethernet
2015-02-19 10:11:25.720 Power Cycled Baler Acknowledged
2015-02-19 10:11:25.720 Commands Accepted by Q330
2015-02-19 10:11:25.720 Access timeout: 300 sec
2015-02-19 10:11:25.720 Control Port 4023 Opened
2015-02-19 10:11:25.720 Data Port 4024 Opened
2015-02-19 10:11:25.720 Registered with Q330
2015-02-19 10:11:25.720 Combination Record Received
2015-02-19 10:11:25.720 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-19 10:11:25.720 Link Reset, starting window sequence: 4637
2015-02-19 10:11:25.720 GPS Receiver ID Received
2015-02-19 10:11:25.720 Manufacturer's Data Received, Property Tag=2017
2015-02-19 10:11:25.720 Digitizer Gain & Offsets Received
2015-02-19 10:11:25.720 Msg From 192.168.200.119:Baler XX-2017 readback. 4927 recs.
seq end: 27547537
2015-02-19 10:11:25.720 Baler clock set to 2015-02-19 10:11:24
2015-02-19 10:11:25.720 Starting to Read DP Tokens
2015-02-19 10:11:25.720 DP Tokens loaded, size=1474 bytes
2015-02-19 10:11:25.720 Webserver advertising 192.168.200.119:5380
2015-02-19 10:11:25.720 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-19 10:11:25.720 filters & delay HH1:2@100,Linear all=0.320000
2015-02-19 10:11:25.720 filters & delay HH2:3@100,Linear all=0.320000
2015-02-19 10:11:25.720 filters & delay BDH:4@20,Linear all=1.650000
2015-02-19 10:11:25.720 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-19 10:11:25.720 filters & delay LH1:2@1,Linear all=15.000000
2015-02-19 10:11:25.720 filters & delay LH2:3@1,Linear all=15.000000
2015-02-19 10:11:25.720 filters & delay LDH:4@1,Linear all=15.000000
2015-02-19 10:11:25.720 [2015-02-18 22:10:27.999998] continuity found: 27547537
477612628.000000 Q=100
2015-02-19 10:11:25.720 [2015-02-18 22:10:27.999998] restoring continuity
2015-02-19 10:11:25.720 Sending DT_OPEN
2015-02-19 10:11:25.720 Station: XX-2017
2015-02-19 10:11:25.720 Q330 Serial Number: 0100000DB18FC351
2015-02-19 10:11:25.720 AMB Serial Number: 0100000B6909DD82
2015-02-19 10:11:25.720 Seismo 1 Serial Number: 0000000000000000
2015-02-19 10:11:25.720 Seismo 2 Serial Number: 0000000000000000
2015-02-19 10:11:25.720 QAPCHP 1 Serial Number: 4643206
2015-02-19 10:11:25.720 QAPCHP 2 Serial Number: 3743050
2015-02-19 10:11:25.720 KMI Property Tag Number: 2017
2015-02-19 10:11:25.720 System Software Version: 1.146
2015-02-19 10:11:25.720 Slave Processor Version: 1.11
2015-02-19 10:11:25.720 Calibrator Type: QCAL330
2015-02-19 10:11:25.720 Calibrator Version: 1.8
2015-02-19 10:11:25.720 Auxiliary Board Type: None
2015-02-19 10:11:25.720 Clock Type: Motorola M12
2015-02-19 10:11:25.720 PLD Version: 7.9
2015-02-19 10:11:25.720 Total Hours: 72806.79
2015-02-19 10:11:25.720 Power On Hours: 37437.17
2015-02-19 10:11:25.720 Time of Last Boot: 2014-04-06 02:03:58
2015-02-19 10:11:25.720 Total Number of Boots: 120
2015-02-19 10:11:25.720 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-19 10:11:25.720 Total Number of Re-Syncs: 213

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2015-02-19 10:11:25.720 Status Inputs: 00000000
2015-02-19 10:11:25.720 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-19 10:11:25.720 Clock Quality: 100%
2015-02-19 10:11:25.720 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-19 10:11:25.720 Clock Phase: 0 usec. max allowed=50000
2015-02-19 10:11:25.720 Boom positions:
2015-02-19 10:11:25.720 Ch1: -2 ch2: 1 ch3: 9 ch4: 20 ch5: 20 ch6: 20
2015-02-19 10:11:25.720 Analog Status
2015-02-19 10:11:25.720 Analog Positive Supply: 5.46V
2015-02-19 10:11:25.720 Input Voltage: 13.20V
2015-02-19 10:11:25.720 System Temperature: 5C
2015-02-19 10:11:25.720 Main Current: 62ma
2015-02-19 10:11:25.720 Antenna Current: 0ma
2015-02-19 10:11:25.720 GPS Status
2015-02-19 10:11:25.720 Time: 10:11:24
2015-02-19 10:11:25.720 Date:
2015-02-19 10:11:25.720 Fix Type: 1-D
2015-02-19 10:11:25.720 Height:
2015-02-19 10:11:25.720 Latitude:
2015-02-19 10:11:25.720 Longitude:
2015-02-19 10:11:25.720 On Time: 0min
2015-02-19 10:11:25.720 Sat. Used: 0
2015-02-19 10:11:25.720 In View: 0
2015-02-19 10:11:25.720 Checksum Errors: 0
2015-02-19 10:11:25.720 Last GPS timemark: 2015-02-19 10:11:23
2015-02-19 10:11:25.720 PLL Status
2015-02-19 10:11:25.720 State: Lock
2015-02-19 10:11:25.720 Initial VCO: 2200.964111
2015-02-19 10:11:25.720 Time Error: 0.000000
2015-02-19 10:11:25.720 RMS VCO: 0.0000000
2015-02-19 10:11:25.720 Best VCO: 2200.93
2015-02-19 10:11:25.720 Seconds Since Track or Lock: 0.0
2015-02-19 10:11:25.720 Vco Control: 2201
2015-02-19 10:11:25.720 timing mode: external seascan
2015-02-19 10:11:25.720 tempco normal
2015-02-19 10:11:25.720 PLL update: 10s PLL lock criterion: 5us
2015-02-19 10:11:25.720 Pfrac: 150.00
2015-02-19 10:11:25.720 VCO slope: -0.0175000
2015-02-19 10:11:25.720 VCO intercept: 7.1100001
2015-02-19 10:11:25.720 km delta: 600.0000000
2015-02-19 10:11:25.720 Logical Port 4 Status
2015-02-19 10:11:25.720 Data Packets Sent: 32317187
2015-02-19 10:11:25.720 Flood Packets Sent: 0
2015-02-19 10:11:25.720 Packets Re-Sent: 50895
2015-02-19 10:11:25.720 Sequence Errors: 0
2015-02-19 10:11:25.720 Packet Buffer Used: 23549580
2015-02-19 10:11:25.720 Physical Port: Ethernet
2015-02-19 10:11:25.720 Baler Model: 14 Software Version: 2.28
2015-02-19 10:11:25.720 MAC Address: 00:04:FB:00:02:EA
2015-02-19 10:11:25.720 Disk Size: 20000669696
2015-02-19 10:11:25.720 Percent of 1177 data files in use: 60.9
2015-02-19 10:11:25.720 Channels Enabled: 1234 Preamps ON channels:
2015-02-19 10:11:25.720 Channel Sensitivities (uV per count):
2015-02-19 10:11:25.720 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-19 10:11:25.720 Digitizer Calibration Results:
2015-02-19 10:11:25.720 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-19 10:11:25.720 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-19 10:11:25.720 DMU1 Software Version=10
2015-02-19 10:11:25.720 Supply Voltage=12.7
2015-02-19 10:11:25.720 Supply Current=0.41
2015-02-19 10:11:25.720 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-19 10:11:25.720 [2015-02-18 22:10:27.999998] sequence resumes: 27547537 to
27547537

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2015-02-19 10:11:25.720 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-19 10:11:24
2015-02-19 10:11:25.720 [2015-02-19 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-19 10:12:41.570 Reducing Status Polling Interval
2015-02-19 10:17:24.820 [2015-02-19 10:13:41.000000] total packets received: 62178
2015-02-19 10:17:24.820 [2015-02-19 10:13:41.000000] command timeouts: 6
2015-02-19 10:17:24.820 [2015-02-19 10:13:41.000000] out of window: 70
2015-02-19 10:17:24.820 written: HHZ-1260 HH1-1486 HH2-1470 BDH-454 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-19 10:17:24.820 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-33 LH2-34 LDH-41
VMZ-2 VM1-2
2015-02-19 10:17:24.820 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-02-19 10:17:24.820 [2015-02-19 10:13:41.000000] Done: 4853 recs. seq end:
27590930. run: 355 s
2015-02-19 22:18:18.760
2015-02-19 22:18:18.760 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-19 22:18:18.760 Control Port 2491 Opened
2015-02-19 22:18:18.760 Baler ready on Ethernet
2015-02-19 22:18:18.760 Power Cycled Baler Acknowledged
2015-02-19 22:18:18.760 Commands Accepted by Q330
2015-02-19 22:18:18.760 Access timeout: 300 sec
2015-02-19 22:18:18.760 Control Port 4023 Opened
2015-02-19 22:18:18.760 Data Port 4024 Opened
2015-02-19 22:18:18.760 Registered with Q330
2015-02-19 22:18:18.760 Combination Record Received
2015-02-19 22:18:18.760 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-19 22:18:18.760 Link Reset, starting window sequence: 1131
2015-02-19 22:18:18.760 GPS Receiver ID Received
2015-02-19 22:18:18.760 Manufacturer's Data Received, Property Tag=2017
2015-02-19 22:18:18.760 Digitizer Gain & Offsets Received
2015-02-19 22:18:18.760 Msg From 192.168.200.119:Baler XX-2017 readback. 4853 recs.
seq end: 27590930
2015-02-19 22:18:18.760 Baler clock set to 2015-02-19 22:18:17
2015-02-19 22:18:18.760 Starting to Read DP Tokens
2015-02-19 22:18:18.760 DP Tokens loaded, size=1474 bytes
2015-02-19 22:18:18.760 webserver advertising 192.168.200.119:5380
2015-02-19 22:18:18.760 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-19 22:18:18.760 filters & delay HH1:2@100,Linear all=0.320000
2015-02-19 22:18:18.760 filters & delay HH2:3@100,Linear all=0.320000
2015-02-19 22:18:18.760 filters & delay BDH:4@20,Linear all=1.650000
2015-02-19 22:18:18.760 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-19 22:18:18.760 filters & delay LH1:2@1,Linear all=15.000000
2015-02-19 22:18:18.760 filters & delay LH2:3@1,Linear all=15.000000
2015-02-19 22:18:18.760 filters & delay LDH:4@1,Linear all=15.000000
2015-02-19 22:18:18.760 [2015-02-19 10:13:41.000000] continuity found: 27590930
477656021.000000 q=100
2015-02-19 22:18:18.760 [2015-02-19 10:13:41.000000] restoring continuity
2015-02-19 22:18:18.760 Sending DT_OPEN
2015-02-19 22:18:18.760 Station: XX-2017
2015-02-19 22:18:18.760 Q330 Serial Number: 0100000DB18FC351
2015-02-19 22:18:18.760 AMB Serial Number: 0100000B6909DD82
2015-02-19 22:18:18.760 Seismo 1 Serial Number: 0000000000000000
2015-02-19 22:18:18.760 Seismo 2 Serial Number: 0000000000000000
2015-02-19 22:18:18.760 QAPCHP 1 Serial Number: 4643206
2015-02-19 22:18:18.760 QAPCHP 2 Serial Number: 3743050
2015-02-19 22:18:18.760 KMI Property Tag Number: 2017
2015-02-19 22:18:18.760 System Software Version: 1.146
2015-02-19 22:18:18.760 Slave Processor Version: 1.11
2015-02-19 22:18:18.760 Calibrator Type: QCAL330
2015-02-19 22:18:18.760 Calibrator Version: 1.8
2015-02-19 22:18:18.760 Auxiliary Board Type: None
2015-02-19 22:18:18.760 Clock Type: Motorola M12

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2015-02-19 22:18:18.760 PLD Version: 7.9  
 2015-02-19 22:18:18.760 Total Hours: 72818.90  
 2015-02-19 22:18:18.760 Power On Hours: 37449.29  
 2015-02-19 22:18:18.760 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-19 22:18:18.760 Total Number of Boots: 120  
 2015-02-19 22:18:18.760 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-19 22:18:18.760 Total Number of Re-Syncs: 213  
 2015-02-19 22:18:18.760 Status Inputs: 00000000  
 2015-02-19 22:18:18.760 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-19 22:18:18.760 Clock Quality: 100%  
 2015-02-19 22:18:18.760 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-19 22:18:18.760 Clock Phase: 1 usec. max allowed=50000  
 2015-02-19 22:18:18.760 Boom positions:  
 2015-02-19 22:18:18.760 ch1: -2 ch2: 0 ch3: 10 ch4: 20 ch5: 20 ch6: 20  
 2015-02-19 22:18:18.760 Analog Status  
 2015-02-19 22:18:18.760 Analog Positive Supply: 5.46V  
 2015-02-19 22:18:18.760 Input Voltage: 13.20V  
 2015-02-19 22:18:18.760 System Temperature: 5C  
 2015-02-19 22:18:18.760 Main Current: 62ma  
 2015-02-19 22:18:18.760 Antenna Current: 0ma  
 2015-02-19 22:18:18.760 GPS Status  
 2015-02-19 22:18:18.760 Time: 22:18:17  
 2015-02-19 22:18:18.760 Date:  
 2015-02-19 22:18:18.760 Fix Type: 1-D  
 2015-02-19 22:18:18.760 Height:  
 2015-02-19 22:18:18.760 Latitude:  
 2015-02-19 22:18:18.760 Longitude:  
 2015-02-19 22:18:18.760 On Time: 0min  
 2015-02-19 22:18:18.760 Sat. Used: 0  
 2015-02-19 22:18:18.760 In View: 0  
 2015-02-19 22:18:18.760 Checksum Errors: 0  
 2015-02-19 22:18:18.760 Last GPS timemark: 2015-02-19 22:18:16  
 2015-02-19 22:18:18.760 PLL Status  
 2015-02-19 22:18:18.760 State: Lock  
 2015-02-19 22:18:18.760 Initial VCO: 2201.289063  
 2015-02-19 22:18:18.760 Time Error: 0.000000  
 2015-02-19 22:18:18.760 RMS VCO: 0.000000  
 2015-02-19 22:18:18.760 Best VCO: 2201.25  
 2015-02-19 22:18:18.760 Seconds Since Track or Lock: 0.0  
 2015-02-19 22:18:18.760 Vco Control: 2201  
 2015-02-19 22:18:18.760 timing mode: external seascan  
 2015-02-19 22:18:18.760 tempco normal  
 2015-02-19 22:18:18.760 PLL update: 10s PLL lock criterion: 5us  
 2015-02-19 22:18:18.760 Pfrac: 150.00  
 2015-02-19 22:18:18.760 VCO slope: -0.0175000  
 2015-02-19 22:18:18.760 VCO intercept: 7.1100001  
 2015-02-19 22:18:18.760 Km delta: 600.000000  
 2015-02-19 22:18:18.760 Logical Port 4 Status  
 2015-02-19 22:18:18.760 Data Packets Sent: 32379223  
 2015-02-19 22:18:18.760 Flood Packets Sent: 0  
 2015-02-19 22:18:18.760 Packets Re-Sent: 50985  
 2015-02-19 22:18:18.760 Sequence Errors: 0  
 2015-02-19 22:18:18.760 Packet Buffer Used: 23949556  
 2015-02-19 22:18:18.760 Physical Port: Ethernet  
 2015-02-19 22:18:18.760 Baler Model: 14 Software Version: 2.28  
 2015-02-19 22:18:18.760 MAC Address: 00:04:FB:00:02:EA  
 2015-02-19 22:18:18.760 Disk Size: 20000669696  
 2015-02-19 22:18:18.760 Percent of 1177 data files in use: 61.1  
 2015-02-19 22:18:18.760 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-19 22:18:18.760 Channel Sensitivities (uV per count):  
 2015-02-19 22:18:18.760 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-19 22:18:18.760 Digitizer Calibration Results:  
 2015-02-19 22:18:18.760 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%

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2015-02-19 22:18:18.760 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-19 22:18:18.760 DMU1 Software Version=10
2015-02-19 22:18:18.760 Supply Voltage=12.7
2015-02-19 22:18:18.760 Supply Current=0.42
2015-02-19 22:18:18.760 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-19 22:18:18.760 WebLink Data Maps Restored
2015-02-19 22:18:18.760 [2015-02-19 10:13:41.000000] sequence resumes: 27590930 to
27590930
2015-02-19 22:18:18.760 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-19 22:18:17
2015-02-19 22:24:27.250 [2015-02-19 22:24:26.999998] total packets received: 67793
2015-02-19 22:24:27.250 [2015-02-19 22:24:26.999998] command timeouts: 6
2015-02-19 22:24:27.250 [2015-02-19 22:24:26.999998] out of window: 62
2015-02-19 22:24:27.250 written: HHZ-1306 HH1-1507 HH2-1511 BDH-460 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-02-19 22:24:27.250 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-35 LH2-35 LDH-42
VMZ-2 VM1-2
2015-02-19 22:24:27.250 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-19 22:24:27.250 [2015-02-19 22:24:26.999998] Done: 4967 recs. seq end:
27634776. run: 365 s
2015-02-20 10:25:22.790
2015-02-20 10:25:22.790 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-20 10:25:22.790 Control Port 2491 Opened
2015-02-20 10:25:22.790 Baler ready on Ethernet
2015-02-20 10:25:22.790 Power Cycled Baler Acknowledged
2015-02-20 10:25:22.790 Commands Accepted by Q330
2015-02-20 10:25:22.790 Access timeout: 300 sec
2015-02-20 10:25:22.790 Control Port 4023 Opened
2015-02-20 10:25:22.790 Data Port 4024 Opened
2015-02-20 10:25:22.790 Registered with Q330
2015-02-20 10:25:22.790 Combination Record Received
2015-02-20 10:25:22.790 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-20 10:25:22.790 Link Reset, starting window sequence: 3288
2015-02-20 10:25:22.790 GPS Receiver ID Received
2015-02-20 10:25:22.790 Manufacturer's Data Received, Property Tag=2017
2015-02-20 10:25:22.790 Digitizer Gain & Offsets Received
2015-02-20 10:25:22.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4967 recs.
seq end: 27634776
2015-02-20 10:25:22.790 Baler clock set to 2015-02-20 10:25:21
2015-02-20 10:25:22.790 Starting to Read DP Tokens
2015-02-20 10:25:22.790 DP Tokens loaded, size=1474 bytes
2015-02-20 10:25:22.790 Webserver advertising 192.168.200.119:5380
2015-02-20 10:25:22.790 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-20 10:25:22.790 filters & delay HH1:2@100,Linear all=0.320000
2015-02-20 10:25:22.790 filters & delay HH2:3@100,Linear all=0.320000
2015-02-20 10:25:22.790 filters & delay BDH:4@20,Linear all=1.650000
2015-02-20 10:25:22.790 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-20 10:25:22.790 filters & delay LH1:2@1,Linear all=15.000000
2015-02-20 10:25:22.790 filters & delay LH2:3@1,Linear all=15.000000
2015-02-20 10:25:22.790 filters & delay LDH:4@1,Linear all=15.000000
2015-02-20 10:25:22.790 [2015-02-19 22:24:26.999998] continuity found: 27634776
477699867.000000 Q=100
2015-02-20 10:25:22.790 [2015-02-19 22:24:26.999998] restoring continuity
2015-02-20 10:25:22.790 Sending DT_OPEN
2015-02-20 10:25:22.790 Station: XX-2017
2015-02-20 10:25:22.790 Q330 Serial Number: 0100000DB18FC351
2015-02-20 10:25:22.790 AMB Serial Number: 0100000B6909DD82
2015-02-20 10:25:22.790 Seismo 1 Serial Number: 0000000000000000
2015-02-20 10:25:22.790 Seismo 2 Serial Number: 0000000000000000
2015-02-20 10:25:22.790 QAPCHP 1 Serial Number: 4643206
2015-02-20 10:25:22.790 QAPCHP 2 Serial Number: 3743050
2015-02-20 10:25:22.790 KMI Property Tag Number: 2017
2015-02-20 10:25:22.790 System Software Version: 1.146

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2015-02-20 10:25:22.790 Slave Processor Version: 1.11  
 2015-02-20 10:25:22.790 Calibrator Type: QCAL330  
 2015-02-20 10:25:22.790 Calibrator Version: 1.8  
 2015-02-20 10:25:22.790 Auxiliary Board Type: None  
 2015-02-20 10:25:22.790 Clock Type: Motorola M12  
 2015-02-20 10:25:22.790 PLD Version: 7.9  
 2015-02-20 10:25:22.790 Total Hours: 72831.02  
 2015-02-20 10:25:22.790 Power On Hours: 37461.41  
 2015-02-20 10:25:22.790 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-20 10:25:22.790 Total Number of Boots: 120  
 2015-02-20 10:25:22.790 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-20 10:25:22.790 Total Number of Re-Syncs: 213  
 2015-02-20 10:25:22.790 Status Inputs: 00000000  
 2015-02-20 10:25:22.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-20 10:25:22.790 Clock Quality: 100%  
 2015-02-20 10:25:22.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-20 10:25:22.790 Clock Phase: 0 usec. max allowed=50000  
 2015-02-20 10:25:22.790 Boom positions:  
 2015-02-20 10:25:22.790 ch1: -2 ch2: 0 ch3: 11 ch4: 20 ch5: 20 ch6: 20  
 2015-02-20 10:25:22.790 Analog Status  
 2015-02-20 10:25:22.790 Input Voltage: 13.35V  
 2015-02-20 10:25:22.790 System Temperature: 5C  
 2015-02-20 10:25:22.790 Main Current: 61ma  
 2015-02-20 10:25:22.790 Antenna Current: 0ma  
 2015-02-20 10:25:22.790 GPS Status  
 2015-02-20 10:25:22.790 Time: 10:25:21  
 2015-02-20 10:25:22.790 Date:  
 2015-02-20 10:25:22.790 Fix Type: 1-D  
 2015-02-20 10:25:22.790 Height:  
 2015-02-20 10:25:22.790 Latitude:  
 2015-02-20 10:25:22.790 Longitude:  
 2015-02-20 10:25:22.790 On Time: 0min  
 2015-02-20 10:25:22.790 Sat. Used: 0  
 2015-02-20 10:25:22.790 In View: 0  
 2015-02-20 10:25:22.790 Checksum Errors: 0  
 2015-02-20 10:25:22.790 Last GPS timemark: 2015-02-20 10:25:20  
 2015-02-20 10:25:22.790 PLL Status  
 2015-02-20 10:25:22.790 State: Lock  
 2015-02-20 10:25:22.790 Initial VCO: 2200.739746  
 2015-02-20 10:25:22.790 Time Error: 0.000000  
 2015-02-20 10:25:22.790 RMS VCO: 0.000000  
 2015-02-20 10:25:22.790 Best VCO: 2200.42  
 2015-02-20 10:25:22.790 Seconds Since Track or Lock: 0.0  
 2015-02-20 10:25:22.790 Vco Control: 2201  
 2015-02-20 10:25:22.790 timing mode: external seascan  
 2015-02-20 10:25:22.790 tempco normal  
 2015-02-20 10:25:22.790 PLL update: 10s PLL lock criterion: 5us  
 2015-02-20 10:25:22.790 Pfrac: 150.00  
 2015-02-20 10:25:22.790 VCO slope: -0.0175000  
 2015-02-20 10:25:22.790 VCO intercept: 7.1100001  
 2015-02-20 10:25:22.790 Km delta: 600.0000000  
 2015-02-20 10:25:22.790 Logical Port 4 Status  
 2015-02-20 10:25:22.790 Data Packets Sent: 32446922  
 2015-02-20 10:25:22.790 Flood Packets Sent: 0  
 2015-02-20 10:25:22.790 Packets Re-Sent: 51065  
 2015-02-20 10:25:22.790 Sequence Errors: 0  
 2015-02-20 10:25:22.790 Packet Buffer Used: 24124444  
 2015-02-20 10:25:22.790 Physical Port: Ethernet  
 2015-02-20 10:25:22.790 Baler Model: 14 Software Version: 2.28  
 2015-02-20 10:25:22.790 MAC Address: 00:04:FB:00:02:EA  
 2015-02-20 10:25:22.790 Disk Size: 20000669696  
 2015-02-20 10:25:22.790 Percent of 1177 data files in use: 61.2  
 2015-02-20 10:25:22.790 Channels Enabled: 1234 Preamps ON channels:

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2015-02-20 10:25:22.790 Channel Sensitivities (uV per count):
2015-02-20 10:25:22.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-20 10:25:22.790 Digitizer Calibration Results:
2015-02-20 10:25:22.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-20 10:25:22.790 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-20 10:25:22.790 DMU1 Software Version=10
2015-02-20 10:25:22.790 Supply Voltage=12.7
2015-02-20 10:25:22.790 Supply Current=0.40
2015-02-20 10:25:22.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-20 10:25:22.790 WebLink Data Maps Restored
2015-02-20 10:25:22.790 [2015-02-19 22:24:26.999998] sequence resumes: 27634776 to
27634776
2015-02-20 10:25:22.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-20 10:25:21
2015-02-20 10:25:22.790 [2015-02-20 00:00:00.000001] saving Configuration to Backup
Memory
2015-02-20 10:31:30.350 [2015-02-20 10:23:36.000001] total packets received: 72298
2015-02-20 10:31:30.350 [2015-02-20 10:23:36.000001] command timeouts: 6
2015-02-20 10:31:30.350 [2015-02-20 10:23:36.000001] out of window: 63
2015-02-20 10:31:30.350 written: HHZ-1287 HH1-1511 HH2-1523 BDH-450 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-02-20 10:31:30.350 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-31 LH2-33 LDH-38
VMZ-1 VM1-1
2015-02-20 10:31:30.350 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2015-02-20 10:31:30.350 [2015-02-20 10:23:36.000001] Done: 4935 recs. seq end:
27677925. run: 365 s
2015-02-20 22:32:26.750
2015-02-20 22:32:26.750 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-20 22:32:26.750 Control Port 2491 Opened
2015-02-20 22:32:26.750 Baler ready on Ethernet
2015-02-20 22:32:26.750 Power Cycled Baler Acknowledged
2015-02-20 22:32:26.750 Commands Accepted by Q330
2015-02-20 22:32:26.750 Access timeout: 300 sec
2015-02-20 22:32:26.750 Control Port 4023 Opened
2015-02-20 22:32:26.750 Data Port 4024 Opened
2015-02-20 22:32:26.750 Registered with Q330
2015-02-20 22:32:26.750 Combination Record Received
2015-02-20 22:32:26.750 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-20 22:32:26.750 Link Reset, starting window sequence: 9950
2015-02-20 22:32:26.750 GPS Receiver ID Received
2015-02-20 22:32:26.750 Manufacturer's Data Received, Property Tag=2017
2015-02-20 22:32:26.750 Digitizer Gain & Offsets Received
2015-02-20 22:32:26.750 Msg From 192.168.200.119:Baler XX-2017 readback. 4935 recs.
seq end: 27677925
2015-02-20 22:32:26.750 Baler clock set to 2015-02-20 22:32:25
2015-02-20 22:32:26.750 Starting to Read DP Tokens
2015-02-20 22:32:26.750 DP Tokens loaded, size=1474 bytes
2015-02-20 22:32:26.750 Webserver advertising 192.168.200.119:5380
2015-02-20 22:32:26.750 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-20 22:32:26.750 filters & delay HH1:2@100,Linear all=0.320000
2015-02-20 22:32:26.750 filters & delay HH2:3@100,Linear all=0.320000
2015-02-20 22:32:26.750 filters & delay BDH:4@20,Linear all=1.650000
2015-02-20 22:32:26.750 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-20 22:32:26.750 filters & delay LH1:2@1,Linear all=15.000000
2015-02-20 22:32:26.750 filters & delay LH2:3@1,Linear all=15.000000
2015-02-20 22:32:26.750 filters & delay LDH:4@1,Linear all=15.000000
2015-02-20 22:32:26.750 [2015-02-20 10:23:36.000001] continuity found: 27677925
477743016.000000 Q=100
2015-02-20 22:32:26.750 [2015-02-20 10:23:36.000001] restoring continuity
2015-02-20 22:32:26.750 Sending DT_OPEN
2015-02-20 22:32:26.750 Station: XX-2017
2015-02-20 22:32:26.750 Q330 Serial Number: 0100000DB18FC351
2015-02-20 22:32:26.750 AMB Serial Number: 0100000B6909DD82

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2015-02-20 22:32:26.750 Seismo 1 Serial Number: 0000000000000000  
 2015-02-20 22:32:26.750 Seismo 2 Serial Number: 0000000000000000  
 2015-02-20 22:32:26.750 QAPCHP 1 Serial Number: 4643206  
 2015-02-20 22:32:26.750 QAPCHP 2 Serial Number: 3743050  
 2015-02-20 22:32:26.750 KMI Property Tag Number: 2017  
 2015-02-20 22:32:26.750 System Software Version: 1.146  
 2015-02-20 22:32:26.750 Slave Processor Version: 1.11  
 2015-02-20 22:32:26.750 Calibrator Type: QCAL330  
 2015-02-20 22:32:26.750 Calibrator Version: 1.8  
 2015-02-20 22:32:26.750 Auxiliary Board Type: None  
 2015-02-20 22:32:26.750 Clock Type: Motorola M12  
 2015-02-20 22:32:26.750 PLD Version: 7.9  
 2015-02-20 22:32:26.750 Total Hours: 72843.14  
 2015-02-20 22:32:26.750 Power On Hours: 37473.52  
 2015-02-20 22:32:26.750 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-20 22:32:26.750 Total Number of Boots: 120  
 2015-02-20 22:32:26.750 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-20 22:32:26.750 Total Number of Re-Syncs: 213  
 2015-02-20 22:32:26.750 Status Inputs: 00000000  
 2015-02-20 22:32:26.750 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-20 22:32:26.750 Clock Quality: 100%  
 2015-02-20 22:32:26.750 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-20 22:32:26.750 Clock Phase: 1 usec. max allowed=50000  
 2015-02-20 22:32:26.750 Boom positions:  
 2015-02-20 22:32:26.750 ch1: -2 ch2: -1 ch3: 5 ch4: 20 ch5: 20 ch6: 20  
 2015-02-20 22:32:26.750 Analog Status  
 2015-02-20 22:32:26.750 Analog Positive Supply: 5.44V  
 2015-02-20 22:32:26.750 Input Voltage: 13.05V  
 2015-02-20 22:32:26.750 System Temperature: 5C  
 2015-02-20 22:32:26.750 Main Current: 62ma  
 2015-02-20 22:32:26.750 Antenna Current: 0ma  
 2015-02-20 22:32:26.750 GPS Status  
 2015-02-20 22:32:26.750 Time: 22:32:25  
 2015-02-20 22:32:26.750 Date:  
 2015-02-20 22:32:26.750 Fix Type: 1-D  
 2015-02-20 22:32:26.750 Height:  
 2015-02-20 22:32:26.750 Latitude:  
 2015-02-20 22:32:26.750 Longitude:  
 2015-02-20 22:32:26.750 On Time: 0min  
 2015-02-20 22:32:26.750 Sat. Used: 0  
 2015-02-20 22:32:26.750 In View: 0  
 2015-02-20 22:32:26.750 Checksum Errors: 0  
 2015-02-20 22:32:26.750 Last GPS timemark: 2015-02-20 22:32:24  
 2015-02-20 22:32:26.750 PLL Status  
 2015-02-20 22:32:26.750 State: Lock  
 2015-02-20 22:32:26.750 Initial VCO: 2201.352051  
 2015-02-20 22:32:26.750 Time Error: 0.000000  
 2015-02-20 22:32:26.750 RMS VCO: 0.000000  
 2015-02-20 22:32:26.750 Best VCO: 2201.30  
 2015-02-20 22:32:26.750 Seconds Since Track or Lock: 0.0  
 2015-02-20 22:32:26.750 Vco Control: 2201  
 2015-02-20 22:32:26.750 timing mode: external seascan  
 2015-02-20 22:32:26.750 tempco normal  
 2015-02-20 22:32:26.750 PLL update: 10s PLL lock criterion: 5us  
 2015-02-20 22:32:26.750 Pfrac: 150.00  
 2015-02-20 22:32:26.750 VCO slope: -0.0175000  
 2015-02-20 22:32:26.750 VCO intercept: 7.1100001  
 2015-02-20 22:32:26.750 km delta: 600.000000  
 2015-02-20 22:32:26.750 Logical Port 4 Status  
 2015-02-20 22:32:26.750 Data Packets Sent: 32519125  
 2015-02-20 22:32:26.750 Flood Packets Sent: 0  
 2015-02-20 22:32:26.750 Packets Re-Sent: 51147  
 2015-02-20 22:32:26.750 Sequence Errors: 0

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2015-02-20 22:32:26.750 Packet Buffer Used: 25235292
2015-02-20 22:32:26.750 Physical Port: Ethernet
2015-02-20 22:32:26.750 Baler Model: 14   Software Version: 2.28
2015-02-20 22:32:26.750 MAC Address: 00:04:FB:00:02:EA
2015-02-20 22:32:26.750 Disk Size: 20000669696
2015-02-20 22:32:26.750 Percent of 1177 data files in use: 61.3
2015-02-20 22:32:26.750 Channels Enabled: 1234   Preamps ON channels:
2015-02-20 22:32:26.750 Channel Sensitivities (uV per count):
2015-02-20 22:32:26.750 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-20 22:32:26.750 Digitizer Calibration Results:
2015-02-20 22:32:26.750 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2015-02-20 22:32:26.750 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2015-02-20 22:32:26.750 DMU1 Software Version=10
2015-02-20 22:32:26.750 Supply Voltage=12.6
2015-02-20 22:32:26.750 Supply Current=0.42
2015-02-20 22:32:26.750 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-20 22:32:26.750 webLink Data Maps Restored
2015-02-20 22:32:26.750 [2015-02-20 10:23:36.000001] sequence resumes: 27677925 to
27677925
2015-02-20 22:32:26.750 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-20 22:32:25
2015-02-20 22:38:54.360 [2015-02-20 22:34:52.000000] total packets received: 80067
2015-02-20 22:38:54.360 [2015-02-20 22:34:52.000000] command timeouts: 6
2015-02-20 22:38:54.360 [2015-02-20 22:34:52.000000] out of window: 61
2015-02-20 22:38:54.360 written: HHZ-1359 HH1-1615 HH2-1627 BDH-456 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-20 22:38:54.360 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-31 LH2-32 LDH-35
VMZ-2 VM1-2
2015-02-20 22:38:54.360 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-20 22:38:54.360 [2015-02-20 22:34:52.000000] Done: 5226 recs. seq end:
27721801. run: 385 s
2015-02-21 10:39:50.720
2015-02-21 10:39:50.720 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-21 10:39:50.720 Control Port 2491 Opened
2015-02-21 10:39:50.720 Baler ready on Ethernet
2015-02-21 10:39:50.720 Power Cycled Baler Acknowledged
2015-02-21 10:39:50.720 Commands Accepted by Q330
2015-02-21 10:39:50.720 Access timeout: 300 sec
2015-02-21 10:39:50.720 Control Port 4023 Opened
2015-02-21 10:39:50.720 Data Port 4024 Opened
2015-02-21 10:39:50.720 Registered with Q330
2015-02-21 10:39:50.720 Combination Record Received
2015-02-21 10:39:50.720 window=4   Min. Timeout=10   Max. Timeout=30
2015-02-21 10:39:50.720 Link Reset, starting window sequence: 24380
2015-02-21 10:39:50.720 GPS Receiver ID Received
2015-02-21 10:39:50.720 Manufacturer's Data Received, Property Tag=2017
2015-02-21 10:39:50.720 Digitizer Gain & Offsets Received
2015-02-21 10:39:50.720 Msg From 192.168.200.119:Baler XX-2017 readback. 5226 recs.
seq end: 27721801
2015-02-21 10:39:50.720 Baler clock set to 2015-02-21 10:39:49
2015-02-21 10:39:50.720 Starting to Read DP Tokens
2015-02-21 10:39:50.720 webserver advertising 192.168.200.119:5380
2015-02-21 10:39:50.720 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-21 10:39:50.720 filters & delay HH1:2@100,Linear all=0.320000
2015-02-21 10:39:50.720 filters & delay HH2:3@100,Linear all=0.320000
2015-02-21 10:39:50.720 filters & delay BDH:4@20,Linear all=1.650000
2015-02-21 10:39:50.720 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-21 10:39:50.720 filters & delay LH1:2@1,Linear all=15.000000
2015-02-21 10:39:50.720 filters & delay LH2:3@1,Linear all=15.000000
2015-02-21 10:39:50.720 filters & delay LDH:4@1,Linear all=15.000000
2015-02-21 10:39:50.720 [2015-02-20 22:34:52.000000] continuity found: 27721801
477786892.000000   Q=100
2015-02-21 10:39:50.720 [2015-02-20 22:34:52.000000] restoring continuity

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2015-02-21 10:39:50.720 Sending DT\_OPEN  
 2015-02-21 10:39:50.720 Station: XX-2017  
 2015-02-21 10:39:50.720 Q330 Serial Number: 0100000DB18FC351  
 2015-02-21 10:39:50.720 AMB Serial Number: 0100000B6909DD82  
 2015-02-21 10:39:50.720 Seismo 1 Serial Number: 0000000000000000  
 2015-02-21 10:39:50.720 Seismo 2 Serial Number: 0000000000000000  
 2015-02-21 10:39:50.720 QAPCHP 1 Serial Number: 4643206  
 2015-02-21 10:39:50.720 QAPCHP 2 Serial Number: 3743050  
 2015-02-21 10:39:50.720 KMI Property Tag Number: 2017  
 2015-02-21 10:39:50.720 System Software Version: 1.146  
 2015-02-21 10:39:50.720 Slave Processor Version: 1.11  
 2015-02-21 10:39:50.720 Calibrator Type: QCAL330  
 2015-02-21 10:39:50.720 Calibrator Version: 1.8  
 2015-02-21 10:39:50.720 Auxiliary Board Type: None  
 2015-02-21 10:39:50.720 Clock Type: Motorola M12  
 2015-02-21 10:39:50.720 PLD Version: 7.9  
 2015-02-21 10:39:50.720 Total Hours: 72855.26  
 2015-02-21 10:39:50.720 Power On Hours: 37485.65  
 2015-02-21 10:39:50.720 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-21 10:39:50.720 Total Number of Boots: 120  
 2015-02-21 10:39:50.720 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-21 10:39:50.720 Total Number of Re-Syncs: 213  
 2015-02-21 10:39:50.720 Status Inputs: 00000000  
 2015-02-21 10:39:50.720 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-21 10:39:50.720 Clock Quality: 100%  
 2015-02-21 10:39:50.720 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-21 10:39:50.720 Clock Phase: 0 usec. max allowed=50000  
 2015-02-21 10:39:50.720 Boom positions:  
 2015-02-21 10:39:50.720 Ch1: -2 Ch2: -1 Ch3: 12 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-02-21 10:39:50.720 Analog Status  
 2015-02-21 10:39:50.720 Analog Positive Supply: 5.46V  
 2015-02-21 10:39:50.720 Input Voltage: 13.20V  
 2015-02-21 10:39:50.720 System Temperature: 5C  
 2015-02-21 10:39:50.720 Main Current: 62ma  
 2015-02-21 10:39:50.720 Antenna Current: 0ma  
 2015-02-21 10:39:50.720 GPS Status  
 2015-02-21 10:39:50.720 Time: 10:39:49  
 2015-02-21 10:39:50.720 Date:  
 2015-02-21 10:39:50.720 Fix Type: 1-D  
 2015-02-21 10:39:50.720 Height:  
 2015-02-21 10:39:50.720 Latitude:  
 2015-02-21 10:39:50.720 Longitude:  
 2015-02-21 10:39:50.720 On Time: 0min  
 2015-02-21 10:39:50.720 Sat. Used: 0  
 2015-02-21 10:39:50.720 In View: 0  
 2015-02-21 10:39:50.720 Checksum Errors: 0  
 2015-02-21 10:39:50.720 Last GPS timemark: 2015-02-21 10:39:48  
 2015-02-21 10:39:50.720 PLL Status  
 2015-02-21 10:39:50.720 State: Lock  
 2015-02-21 10:39:50.720 Initial VCO: 2201.866455  
 2015-02-21 10:39:50.720 Time Error: 0.000000  
 2015-02-21 10:39:50.720 RMS VCO: 0.0000000  
 2015-02-21 10:39:50.720 Best VCO: 2201.90  
 2015-02-21 10:39:50.720 Seconds Since Track or Lock: 0.0  
 2015-02-21 10:39:50.720 Vco Control: 2202  
 2015-02-21 10:39:50.720 timing mode: external seascan  
 2015-02-21 10:39:50.720 tempco normal  
 2015-02-21 10:39:50.720 PLL update: 10s PLL lock criterion: 5us  
 2015-02-21 10:39:50.720 Pfrac: 150.00  
 2015-02-21 10:39:50.720 VCO slope: -0.0175000  
 2015-02-21 10:39:50.720 VCO intercept: 7.1100001  
 2015-02-21 10:39:50.720 km delta: 600.0000000  
 2015-02-21 10:39:50.720 Logical Port 4 Status



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2015-02-21 10:39:50.720 Data Packets Sent: 32599098
2015-02-21 10:39:50.720 Flood Packets Sent: 0
2015-02-21 10:39:50.720 Packets Re-Sent: 51230
2015-02-21 10:39:50.720 Sequence Errors: 0
2015-02-21 10:39:50.720 Packet Buffer Used: 24677912
2015-02-21 10:39:50.720 Physical Port: Ethernet
2015-02-21 10:39:50.720 Baler Model: 14 Software Version: 2.28
2015-02-21 10:39:50.720 MAC Address: 00:04:FB:00:02:EA
2015-02-21 10:39:50.720 Disk Size: 20000669696
2015-02-21 10:39:50.720 Percent of 1177 data files in use: 61.5
2015-02-21 10:39:50.720 Channels Enabled: 1234 Preamps ON channels:
2015-02-21 10:39:50.720 Channel Sensitivities (uV per count):
2015-02-21 10:39:50.720 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-21 10:39:50.720 Digitizer Calibration Results:
2015-02-21 10:39:50.720 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-21 10:39:50.720 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-21 10:39:50.720 DMU1 Software Version=10
2015-02-21 10:39:50.720 Supply Voltage=12.7
2015-02-21 10:39:50.720 Supply Current=0.42
2015-02-21 10:39:50.720 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-21 10:39:50.720 WebLink Data Maps Restored
2015-02-21 10:39:50.720 [2015-02-20 22:34:52.000000] sequence resumes overlapping:
27721801 to 27721800
2015-02-21 10:39:50.720 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-21 10:39:49
2015-02-21 10:39:50.720 [2015-02-21 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-21 10:46:15.420 Reducing Status Polling Interval
2015-02-21 10:46:15.420 [2015-02-21 10:46:14.999998] total packets received: 73258
2015-02-21 10:46:15.420 [2015-02-21 10:46:14.999998] command timeouts: 6
2015-02-21 10:46:15.420 [2015-02-21 10:46:14.999998] out of window: 79
2015-02-21 10:46:15.420 written: HHZ-1328 HH1-1591 HH2-1595 BDH-448 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-21 10:46:15.420 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-25 LH1-28 LH2-28 LDH-29
VMZ-2 VM1-2
2015-02-21 10:46:15.420 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-3
2015-02-21 10:46:15.420 [2015-02-21 10:46:14.999998] Done: 5119 recs. seq end:
27765684. run: 381 s
2015-02-21 22:47:08.750
2015-02-21 22:47:08.750 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-21 22:47:08.750 Control Port 2491 Opened
2015-02-21 22:47:08.750 Baler ready on Ethernet
2015-02-21 22:47:08.750 Power Cycled Baler Acknowledged
2015-02-21 22:47:08.750 Commands Accepted by Q330
2015-02-21 22:47:08.750 Access timeout: 300 sec
2015-02-21 22:47:08.750 Control Port 4023 Opened
2015-02-21 22:47:08.750 Data Port 4024 Opened
2015-02-21 22:47:08.750 Registered with Q330
2015-02-21 22:47:08.750 Combination Record Received
2015-02-21 22:47:08.750 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-21 22:47:08.750 Link Reset, starting window sequence: 31984
2015-02-21 22:47:08.750 GPS Receiver ID Received
2015-02-21 22:47:08.750 Manufacturer's Data Received, Property Tag=2017
2015-02-21 22:47:08.750 Digitizer Gain & Offsets Received
2015-02-21 22:47:08.750 Msg From 192.168.200.119:Baler XX-2017 readback. 5119 recs.
seq end: 27765684
2015-02-21 22:47:08.750 Baler clock set to 2015-02-21 22:47:07
2015-02-21 22:47:08.750 Starting to Read DP Tokens
2015-02-21 22:47:08.750 DP Tokens loaded, size=1474 bytes
2015-02-21 22:47:08.750 webserver advertising 192.168.200.119:5380
2015-02-21 22:47:08.750 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-21 22:47:08.750 filters & delay HH1:2@100,Linear all=0.320000
2015-02-21 22:47:08.750 filters & delay HH2:3@100,Linear all=0.320000

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2015-02-21 22:47:08.750 filters & delay BDH:4@20,Linear all=1.650000
2015-02-21 22:47:08.750 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-21 22:47:08.750 filters & delay LH1:2@1,Linear all=15.000000
2015-02-21 22:47:08.750 filters & delay LH2:3@1,Linear all=15.000000
2015-02-21 22:47:08.750 filters & delay LDH:4@1,Linear all=15.000000
2015-02-21 22:47:08.750 [2015-02-21 10:46:14.999998] continuity found: 27765684
477830775.000000 Q=100
2015-02-21 22:47:08.750 [2015-02-21 10:46:14.999998] restoring continuity
2015-02-21 22:47:08.750 Sending DT_OPEN
2015-02-21 22:47:08.750 Station: XX-2017
2015-02-21 22:47:08.750 Q330 Serial Number: 0100000DB18FC351
2015-02-21 22:47:08.750 AMB Serial Number: 0100000B6909DD82
2015-02-21 22:47:08.750 Seismo 1 Serial Number: 0000000000000000
2015-02-21 22:47:08.750 Seismo 2 Serial Number: 0000000000000000
2015-02-21 22:47:08.750 QAPCHP 1 Serial Number: 4643206
2015-02-21 22:47:08.750 QAPCHP 2 Serial Number: 3743050
2015-02-21 22:47:08.750 KMI Property Tag Number: 2017
2015-02-21 22:47:08.750 System Software Version: 1.146
2015-02-21 22:47:08.750 Slave Processor Version: 1.11
2015-02-21 22:47:08.750 Calibrator Type: QCAL330
2015-02-21 22:47:08.750 Calibrator Version: 1.8
2015-02-21 22:47:08.750 Auxiliary Board Type: None
2015-02-21 22:47:08.750 Clock Type: Motorola M12
2015-02-21 22:47:08.750 PLD Version: 7.9
2015-02-21 22:47:08.750 Total Hours: 72867.38
2015-02-21 22:47:08.750 Power On Hours: 37497.77
2015-02-21 22:47:08.750 Time of Last Boot: 2014-04-06 02:03:58
2015-02-21 22:47:08.750 Total Number of Boots: 120
2015-02-21 22:47:08.750 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-21 22:47:08.750 Total Number of Re-Syncs: 213
2015-02-21 22:47:08.750 Status Inputs: 00000000
2015-02-21 22:47:08.750 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-21 22:47:08.750 Clock Quality: 100%
2015-02-21 22:47:08.750 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-21 22:47:08.750 Clock Phase: 0 usec. max allowed=50000
2015-02-21 22:47:08.750 Boom positions:
2015-02-21 22:47:08.750 ch1: -3 ch2: -1 ch3: 6 ch4: 20 ch5: 20 ch6: 20
2015-02-21 22:47:08.750 Analog Status
2015-02-21 22:47:08.750 Analog Positive Supply: 5.46V
2015-02-21 22:47:08.750 Input Voltage: 13.05V
2015-02-21 22:47:08.750 System Temperature: 5C
2015-02-21 22:47:08.750 Main Current: 62ma
2015-02-21 22:47:08.750 Antenna Current: 0ma
2015-02-21 22:47:08.750 GPS Status
2015-02-21 22:47:08.750 Time: 22:47:07
2015-02-21 22:47:08.750 Date:
2015-02-21 22:47:08.750 Fix Type: 1-D
2015-02-21 22:47:08.750 Height:
2015-02-21 22:47:08.750 Latitude:
2015-02-21 22:47:08.750 Longitude:
2015-02-21 22:47:08.750 On Time: 0min
2015-02-21 22:47:08.750 Sat. Used: 0
2015-02-21 22:47:08.750 In View: 0
2015-02-21 22:47:08.750 Checksum Errors: 0
2015-02-21 22:47:08.750 Last GPS timemark: 2015-02-21 22:47:06
2015-02-21 22:47:08.750 PLL Status
2015-02-21 22:47:08.750 State: Lock
2015-02-21 22:47:08.750 Initial VCO: 2202.106201
2015-02-21 22:47:08.750 Time Error: -0.000001
2015-02-21 22:47:08.750 RMS VCO: 0.0000000
2015-02-21 22:47:08.750 Best VCO: 2202.19
2015-02-21 22:47:08.750 Seconds Since Track or Lock: 0.0
2015-02-21 22:47:08.750 vco control: 2202

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2015-02-21 22:47:08.750 timing mode: external seascan
2015-02-21 22:47:08.750 tempco normal
2015-02-21 22:47:08.750 PLL update: 10s PLL lock criterion: 5us
2015-02-21 22:47:08.750 Pfrac: 150.00
2015-02-21 22:47:08.750 VCO slope: -0.0175000
2015-02-21 22:47:08.750 VCO intercept: 7.1100001
2015-02-21 22:47:08.750 km delta: 600.0000000
2015-02-21 22:47:08.750 Logical Port 4 Status
2015-02-21 22:47:08.750 Data Packets Sent: 32672244
2015-02-21 22:47:08.750 Flood Packets Sent: 0
2015-02-21 22:47:08.750 Packets Re-Sent: 51322
2015-02-21 22:47:08.750 Sequence Errors: 0
2015-02-21 22:47:08.750 Packet Buffer Used: 24666260
2015-02-21 22:47:08.750 Physical Port: Ethernet
2015-02-21 22:47:08.750 Baler Model: 14 Software Version: 2.28
2015-02-21 22:47:08.750 MAC Address: 00:04:FB:00:02:EA
2015-02-21 22:47:08.750 Disk Size: 20000669696
2015-02-21 22:47:08.750 Percent of 1177 data files in use: 61.5
2015-02-21 22:47:08.750 Channel Sensitivities (uV per count):
2015-02-21 22:47:08.750 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-21 22:47:08.750 Digitizer Calibration Results:
2015-02-21 22:47:08.750 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-21 22:47:08.750 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-21 22:47:08.750 DMU1 Software Version=10
2015-02-21 22:47:08.750 Supply Voltage=12.6
2015-02-21 22:47:08.750 Supply Current=0.41
2015-02-21 22:47:08.750 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-21 22:47:08.750 WebLink Data Maps Restored
2015-02-21 22:47:08.750 [2015-02-21 10:46:14.999998] sequence resumes: 27765684 to
27765684
2015-02-21 22:47:08.750 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-02-21 22:47:07
2015-02-21 22:53:32.070 Reducing Status Polling Interval
2015-02-21 22:53:32.070 [2015-02-21 22:53:30.999998] total packets received: 77263
2015-02-21 22:53:32.070 [2015-02-21 22:53:30.999998] command timeouts: 6
2015-02-21 22:53:32.070 [2015-02-21 22:53:30.999998] out of window: 60
2015-02-21 22:53:32.070 written: HHZ-1334 HH1-1586 HH2-1606 BDH-435 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2015-02-21 22:53:32.070 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-28 LH2-29 LDH-25
VMZ-1 VM1-1
2015-02-21 22:53:32.070 written: VM2-1 LOG-2 ACE-1 OCF-1
2015-02-21 22:53:32.070 [2015-02-21 22:53:30.999998] Done: 5103 recs. seq end:
27809320. run: 381 s
2015-02-22 10:54:27.770
2015-02-22 10:54:27.770 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-22 10:54:27.770 Control Port 2491 Opened
2015-02-22 10:54:27.770 Baler ready on Ethernet
2015-02-22 10:54:27.770 Power Cycled Baler Acknowledged
2015-02-22 10:54:27.770 Commands Accepted by Q330
2015-02-22 10:54:27.770 Access timeout: 300 sec
2015-02-22 10:54:27.770 Control Port 4023 Opened
2015-02-22 10:54:27.770 Data Port 4024 Opened
2015-02-22 10:54:27.770 Registered with Q330
2015-02-22 10:54:27.770 Combination Record Received
2015-02-22 10:54:27.770 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-22 10:54:27.770 Link Reset, starting window sequence: 43613
2015-02-22 10:54:27.770 GPS Receiver ID Received
2015-02-22 10:54:27.770 Manufacturer's Data Received, Property Tag=2017
2015-02-22 10:54:27.770 Digitizer Gain & Offsets Received
2015-02-22 10:54:27.770 Msg From 192.168.200.119:Baler XX-2017 readback. 5103 recs.
seq end: 27809320
2015-02-22 10:54:27.770 Baler clock set to 2015-02-22 10:54:26
2015-02-22 10:54:27.770 Starting to Read DP Tokens

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2015-02-22 10:54:27.770 DP Tokens loaded, size=1474 bytes
2015-02-22 10:54:27.770 Webserver advertising 192.168.200.119:5380
2015-02-22 10:54:27.770 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-22 10:54:27.770 filters & delay HH1:2@100,Linear all=0.320000
2015-02-22 10:54:27.770 filters & delay HH2:3@100,Linear all=0.320000
2015-02-22 10:54:27.770 filters & delay BDH:4@20,Linear all=1.650000
2015-02-22 10:54:27.770 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-22 10:54:27.770 filters & delay LH1:2@1,Linear all=15.000000
2015-02-22 10:54:27.770 filters & delay LH2:3@1,Linear all=15.000000
2015-02-22 10:54:27.770 filters & delay LDH:4@1,Linear all=15.000000
2015-02-22 10:54:27.770 [2015-02-21 22:53:30.999998] continuity found: 27809320
477874411.000000 Q=100
2015-02-22 10:54:27.770 [2015-02-21 22:53:30.999998] restoring continuity
2015-02-22 10:54:27.770 Sending DT_OPEN
2015-02-22 10:54:27.770 Station: XX-2017
2015-02-22 10:54:27.770 Q330 Serial Number: 0100000DB18FC351
2015-02-22 10:54:27.770 AMB Serial Number: 0100000B6909DD82
2015-02-22 10:54:27.770 Seismo 1 Serial Number: 0000000000000000
2015-02-22 10:54:27.770 Seismo 2 Serial Number: 0000000000000000
2015-02-22 10:54:27.770 QAPCHP 1 Serial Number: 4643206
2015-02-22 10:54:27.770 QAPCHP 2 Serial Number: 3743050
2015-02-22 10:54:27.770 KMI Property Tag Number: 2017
2015-02-22 10:54:27.770 System Software Version: 1.146
2015-02-22 10:54:27.770 Slave Processor Version: 1.11
2015-02-22 10:54:27.770 Calibrator Type: QCAL330
2015-02-22 10:54:27.770 Calibrator Version: 1.8
2015-02-22 10:54:27.770 Auxiliary Board Type: None
2015-02-22 10:54:27.770 Clock Type: Motorola M12
2015-02-22 10:54:27.770 PLD Version: 7.9
2015-02-22 10:54:27.770 Total Hours: 72879.51
2015-02-22 10:54:27.770 Power On Hours: 37509.89
2015-02-22 10:54:27.770 Time of Last Boot: 2014-04-06 02:03:58
2015-02-22 10:54:27.770 Total Number of Boots: 120
2015-02-22 10:54:27.770 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-22 10:54:27.770 Total Number of Re-Syncs: 213
2015-02-22 10:54:27.770 Status Inputs: 00000000
2015-02-22 10:54:27.770 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-22 10:54:27.770 Clock Quality: 100%
2015-02-22 10:54:27.770 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-22 10:54:27.770 Clock Phase: 0 usec. max allowed=50000
2015-02-22 10:54:27.770 Boom positions:
2015-02-22 10:54:27.770 Ch1: -2 Ch2: -1 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-22 10:54:27.770 Analog Status
2015-02-22 10:54:27.770 Analog Positive Supply: 5.46V
2015-02-22 10:54:27.770 Input Voltage: 13.05V
2015-02-22 10:54:27.770 System Temperature: 5C
2015-02-22 10:54:27.770 Main Current: 62ma
2015-02-22 10:54:27.770 Antenna Current: 0ma
2015-02-22 10:54:27.770 GPS Status
2015-02-22 10:54:27.770 Time: 10:54:26
2015-02-22 10:54:27.770 Date:
2015-02-22 10:54:27.770 Fix Type: 1-D
2015-02-22 10:54:27.770 Height:
2015-02-22 10:54:27.770 Latitude:
2015-02-22 10:54:27.770 Longitude:
2015-02-22 10:54:27.770 On Time: 0min
2015-02-22 10:54:27.770 Sat. Used: 0
2015-02-22 10:54:27.770 In View: 0
2015-02-22 10:54:27.770 Checksum Errors: 0
2015-02-22 10:54:27.770 Last GPS timemark: 2015-02-22 10:54:25
2015-02-22 10:54:27.770 PLL Status
2015-02-22 10:54:27.770 State: Lock
2015-02-22 10:54:27.770 Initial VCO: 2202.193604

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2015-02-22 10:54:27.770 Time Error: 0.000000  
 2015-02-22 10:54:27.770 RMS VCO: 0.0000000  
 2015-02-22 10:54:27.770 Best VCO: 2202.23  
 2015-02-22 10:54:27.770 Seconds Since Track or Lock: 0.0  
 2015-02-22 10:54:27.770 Vco Control: 2202  
 2015-02-22 10:54:27.770 timing mode: external seascan  
 2015-02-22 10:54:27.770 tempco normal  
 2015-02-22 10:54:27.770 PLL update: 10s PLL lock criterion: 5us  
 2015-02-22 10:54:27.770 Pfrac: 150.00  
 2015-02-22 10:54:27.770 VCO slope: -0.0175000  
 2015-02-22 10:54:27.770 VCO intercept: 7.1100001  
 2015-02-22 10:54:27.770 Km delta: 600.0000000  
 2015-02-22 10:54:27.770 Logical Port 4 Status  
 2015-02-22 10:54:27.770 Data Packets Sent: 32749414  
 2015-02-22 10:54:27.770 Flood Packets Sent: 0  
 2015-02-22 10:54:27.770 Packets Re-Sent: 51401  
 2015-02-22 10:54:27.770 Sequence Errors: 0  
 2015-02-22 10:54:27.770 Packet Buffer Used: 24785740  
 2015-02-22 10:54:27.770 Physical Port: Ethernet  
 2015-02-22 10:54:27.770 Baler Model: 14 Software Version: 2.28  
 2015-02-22 10:54:27.770 MAC Address: 00:04:FB:00:02:EA  
 2015-02-22 10:54:27.770 Disk Size: 20000669696  
 2015-02-22 10:54:27.770 Percent of 1177 data files in use: 61.6  
 2015-02-22 10:54:27.770 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-22 10:54:27.770 Channel Sensitivities (uV per count):  
 2015-02-22 10:54:27.770 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-22 10:54:27.770 Digitizer Calibration Results:  
 2015-02-22 10:54:27.770 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-22 10:54:27.770 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-22 10:54:27.770 DMU1 Software Version=10  
 2015-02-22 10:54:27.770 Supply Voltage=12.6  
 2015-02-22 10:54:27.770 Supply Current=0.41  
 2015-02-22 10:54:27.770 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-22 10:54:27.770 WebLink Data Maps Restored  
 2015-02-22 10:54:27.770 [2015-02-21 22:53:30.999998] sequence resumes: 27809320 to  
 27809320  
 2015-02-22 10:54:27.770 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-02-22 10:54:26  
 2015-02-22 10:54:27.770 [2015-02-22 00:00:00.000000] saving configuration to Backup  
 Memory  
 2015-02-22 10:59:48.750 Reducing Status Polling Interval  
 2015-02-22 11:00:49.770 [2015-02-22 10:57:37.000000] total packets received: 76992  
 2015-02-22 11:00:49.770 [2015-02-22 10:57:37.000000] command timeouts: 6  
 2015-02-22 11:00:49.770 [2015-02-22 10:57:37.000000] out of window: 72  
 2015-02-22 11:00:49.770 written: HHZ-1335 HH1-1581 HH2-1613 BDH-442 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-02-22 11:00:49.770 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-26 LDH-25  
 VMZ-2 VM1-2  
 2015-02-22 11:00:49.770 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-02-22 11:00:49.770 [2015-02-22 10:57:37.000000] Done: 5122 recs. seq end:  
 27852766. run: 379 s  
 2015-02-22 23:01:45.740  
 2015-02-22 23:01:45.740 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-22 23:01:45.740 Control Port 2491 Opened  
 2015-02-22 23:01:45.740 Baler ready on Ethernet  
 2015-02-22 23:01:45.740 Power Cycled Baler Acknowledged  
 2015-02-22 23:01:45.740 Commands Accepted by Q330  
 2015-02-22 23:01:45.740 Access timeout: 300 sec  
 2015-02-22 23:01:45.740 Control Port 4023 Opened  
 2015-02-22 23:01:45.740 Data Port 4024 Opened  
 2015-02-22 23:01:45.740 Registered with Q330  
 2015-02-22 23:01:45.740 Combination Record Received  
 2015-02-22 23:01:45.740 window=4 Min. Timeout=10 Max. Timeout=30

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2015-02-22 23:01:45.740 Link Reset, starting window sequence: 54948  
 2015-02-22 23:01:45.740 GPS Receiver ID Received  
 2015-02-22 23:01:45.740 Manufacturer's Data Received, Property Tag=2017  
 2015-02-22 23:01:45.740 Digitizer Gain & Offsets Received  
 2015-02-22 23:01:45.740 Msg From 192.168.200.119:Baler XX-2017 readback. 5122 recs.  
 seq end: 27852766  
 2015-02-22 23:01:45.740 Baler clock set to 2015-02-22 23:01:44  
 2015-02-22 23:01:45.740 Starting to Read DP Tokens  
 2015-02-22 23:01:45.740 DP Tokens loaded, size=1474 bytes  
 2015-02-22 23:01:45.740 webserver advertising 192.168.200.119:5380  
 2015-02-22 23:01:45.740 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-02-22 23:01:45.740 filters & delay HH1:2@100,Linear all=0.320000  
 2015-02-22 23:01:45.740 filters & delay HH2:3@100,Linear all=0.320000  
 2015-02-22 23:01:45.740 filters & delay BDH:4@20,Linear all=1.650000  
 2015-02-22 23:01:45.740 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-02-22 23:01:45.740 filters & delay LH1:2@1,Linear all=15.000000  
 2015-02-22 23:01:45.740 filters & delay LH2:3@1,Linear all=15.000000  
 2015-02-22 23:01:45.740 filters & delay LDH:4@1,Linear all=15.000000  
 2015-02-22 23:01:45.740 [2015-02-22 10:57:37.000000] continuity found: 27852766  
 477917857.000000 Q=100  
 2015-02-22 23:01:45.740 [2015-02-22 10:57:37.000000] restoring continuity  
 2015-02-22 23:01:45.740 Sending DT\_OPEN  
 2015-02-22 23:01:45.740 Station: XX-2017  
 2015-02-22 23:01:45.740 Q330 Serial Number: 0100000DB18FC351  
 2015-02-22 23:01:45.740 AMB Serial Number: 0100000B6909DD82  
 2015-02-22 23:01:45.740 Seismo 1 Serial Number: 0000000000000000  
 2015-02-22 23:01:45.740 Seismo 2 Serial Number: 0000000000000000  
 2015-02-22 23:01:45.740 QAPCHP 1 Serial Number: 4643206  
 2015-02-22 23:01:45.740 QAPCHP 2 Serial Number: 3743050  
 2015-02-22 23:01:45.740 KMI Property Tag Number: 2017  
 2015-02-22 23:01:45.740 System Software Version: 1.146  
 2015-02-22 23:01:45.740 Slave Processor Version: 1.11  
 2015-02-22 23:01:45.740 Calibrator Type: QCAL330  
 2015-02-22 23:01:45.740 Calibrator Version: 1.8  
 2015-02-22 23:01:45.740 Auxiliary Board Type: None  
 2015-02-22 23:01:45.740 Clock Type: Motorola M12  
 2015-02-22 23:01:45.740 PLD Version: 7.9  
 2015-02-22 23:01:45.740 Total Hours: 72891.63  
 2015-02-22 23:01:45.740 Power On Hours: 37522.01  
 2015-02-22 23:01:45.740 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-22 23:01:45.740 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-22 23:01:45.740 Total Number of Re-Syncs: 213  
 2015-02-22 23:01:45.740 Status Inputs: 00000000  
 2015-02-22 23:01:45.740 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-22 23:01:45.740 Clock Quality: 100%  
 2015-02-22 23:01:45.740 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-22 23:01:45.740 Clock Phase: 0 usec. max allowed=50000  
 2015-02-22 23:01:45.740 Boom positions:  
 2015-02-22 23:01:45.740 ch1: -3 ch2: -1 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2015-02-22 23:01:45.740 Analog Status  
 2015-02-22 23:01:45.740 Analog Positive Supply: 5.46V  
 2015-02-22 23:01:45.740 Input Voltage: 13.20V  
 2015-02-22 23:01:45.740 System Temperature: 5C  
 2015-02-22 23:01:45.740 Main Current: 63ma  
 2015-02-22 23:01:45.740 Antenna Current: 0ma  
 2015-02-22 23:01:45.740 GPS Status  
 2015-02-22 23:01:45.740 Time: 23:01:44  
 2015-02-22 23:01:45.740 Date:  
 2015-02-22 23:01:45.740 Fix Type: 1-D  
 2015-02-22 23:01:45.740 Height:  
 2015-02-22 23:01:45.740 Latitude:  
 2015-02-22 23:01:45.740 Longitude:  
 2015-02-22 23:01:45.740 On Time: 0min

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2015-02-22 23:01:45.740 Sat. Used: 0  
 2015-02-22 23:01:45.740 In View: 0  
 2015-02-22 23:01:45.740 Checksum Errors: 0  
 2015-02-22 23:01:45.740 Last GPS timemark: 2015-02-22 23:01:43  
 2015-02-22 23:01:45.740 PLL Status  
 2015-02-22 23:01:45.740 State: Lock  
 2015-02-22 23:01:45.740 Initial VCO: 2202.523438  
 2015-02-22 23:01:45.740 Time Error: 0.000000  
 2015-02-22 23:01:45.740 RMS VCO: 0.000000  
 2015-02-22 23:01:45.740 Best VCO: 2202.53  
 2015-02-22 23:01:45.740 Seconds Since Track or Lock: 0.0  
 2015-02-22 23:01:45.740 Vco Control: 2203  
 2015-02-22 23:01:45.740 timing mode: external seascan  
 2015-02-22 23:01:45.740 tempco normal  
 2015-02-22 23:01:45.740 PLL update: 10s PLL lock criterion: 5us  
 2015-02-22 23:01:45.740 Pfrac: 150.00  
 2015-02-22 23:01:45.740 VCO slope: -0.0175000  
 2015-02-22 23:01:45.740 VCO intercept: 7.1100001  
 2015-02-22 23:01:45.740 Km delta: 600.000000  
 2015-02-22 23:01:45.740 Logical Port 4 Status  
 2015-02-22 23:01:45.740 Data Packets Sent: 32826292  
 2015-02-22 23:01:45.740 Flood Packets Sent: 0  
 2015-02-22 23:01:45.740 Packets Re-Sent: 51491  
 2015-02-22 23:01:45.740 Sequence Errors: 0  
 2015-02-22 23:01:45.740 Packet Buffer Used: 23787588  
 2015-02-22 23:01:45.740 Physical Port: Ethernet  
 2015-02-22 23:01:45.740 Baler Model: 14 Software Version: 2.28  
 2015-02-22 23:01:45.740 MAC Address: 00:04:FB:00:02:EA  
 2015-02-22 23:01:45.740 Disk Size: 20000669696  
 2015-02-22 23:01:45.740 Percent of 1177 data files in use: 61.8  
 2015-02-22 23:01:45.740 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-22 23:01:45.740 Channel Sensitivities (uV per count):  
 2015-02-22 23:01:45.740 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-22 23:01:45.740 Digitizer Calibration Results:  
 2015-02-22 23:01:45.740 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-22 23:01:45.740 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-22 23:01:45.740 DMU1 Software Version=10  
 2015-02-22 23:01:45.740 Supply Voltage=12.7  
 2015-02-22 23:01:45.740 Supply Current=0.40  
 2015-02-22 23:01:45.740 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-22 23:01:45.740 webLink Data Maps Restored  
 2015-02-22 23:01:45.740 [2015-02-22 10:57:37.000000] sequence resumes overlapping:  
 27852766 to 27852765  
 2015-02-22 23:01:45.740 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-22 23:01:44  
 2015-02-22 23:07:48.420 Reducing Status Polling Interval  
 2015-02-22 23:07:48.420 [2015-02-22 23:07:46.999998] total packets received: 63346  
 2015-02-22 23:07:48.420 [2015-02-22 23:07:46.999998] command timeouts: 6  
 2015-02-22 23:07:48.420 [2015-02-22 23:07:46.999998] out of window: 62  
 2015-02-22 23:07:48.420 written: HHZ-1257 HH1-1499 HH2-1538 BDH-453 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-02-22 23:07:48.420 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-28 LDH-26  
 VMZ-2 VM1-2  
 2015-02-22 23:07:48.420 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2  
 2015-02-22 23:07:48.420 [2015-02-22 23:07:46.999998] Done: 4895 recs. seq end:  
 27896576. run: 359 s  
 2015-02-23 11:08:44.720  
 2015-02-23 11:08:44.720 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-23 11:08:44.720 Control Port 2491 Opened  
 2015-02-23 11:08:44.720 Baler ready on Ethernet  
 2015-02-23 11:08:44.720 Power Cycled Baler Acknowledged  
 2015-02-23 11:08:44.720 Commands Accepted by Q330  
 2015-02-23 11:08:44.720 Access timeout: 300 sec

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2015-02-23 11:08:44.720 Control Port 4023 Opened
2015-02-23 11:08:44.720 Data Port 4024 Opened
2015-02-23 11:08:44.720 Registered with Q330
2015-02-23 11:08:44.720 Combination Record Received
2015-02-23 11:08:44.720 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-23 11:08:44.720 Link Reset, starting window sequence: 52659
2015-02-23 11:08:44.720 GPS Receiver ID Received
2015-02-23 11:08:44.720 Manufacturer's Data Received, Property Tag=2017
2015-02-23 11:08:44.720 Digitizer Gain & Offsets Received
2015-02-23 11:08:44.720 Msg From 192.168.200.119: Baler XX-2017 readback. 4895 recs.
seq end: 27896576
2015-02-23 11:08:44.720 Baler clock set to 2015-02-23 11:08:43
2015-02-23 11:08:44.720 Starting to Read DP Tokens
2015-02-23 11:08:44.720 DP Tokens loaded, size=1474 bytes
2015-02-23 11:08:44.720 Webserver advertising 192.168.200.119:5380
2015-02-23 11:08:44.720 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-23 11:08:44.720 filters & delay HH1:2@100,Linear all=0.320000
2015-02-23 11:08:44.720 filters & delay HH2:3@100,Linear all=0.320000
2015-02-23 11:08:44.720 filters & delay BDH:4@20,Linear all=1.650000
2015-02-23 11:08:44.720 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-23 11:08:44.720 filters & delay LH1:2@1,Linear all=15.000000
2015-02-23 11:08:44.720 filters & delay LH2:3@1,Linear all=15.000000
2015-02-23 11:08:44.720 filters & delay LDH:4@1,Linear all=15.000000
2015-02-23 11:08:44.720 [2015-02-22 23:07:46.999998] continuity found: 27896576
477961667.000000 Q=100
2015-02-23 11:08:44.720 [2015-02-22 23:07:46.999998] restoring continuity
2015-02-23 11:08:44.720 Sending DT_OPEN
2015-02-23 11:08:44.720 Station: XX-2017
2015-02-23 11:08:44.720 Q330 Serial Number: 0100000DB18FC351
2015-02-23 11:08:44.720 AMB Serial Number: 0100000B6909DD82
2015-02-23 11:08:44.720 Seismo 1 Serial Number: 0000000000000000
2015-02-23 11:08:44.720 Seismo 2 Serial Number: 0000000000000000
2015-02-23 11:08:44.720 QAPCHP 1 Serial Number: 4643206
2015-02-23 11:08:44.720 QAPCHP 2 Serial Number: 3743050
2015-02-23 11:08:44.720 KMI Property Tag Number: 2017
2015-02-23 11:08:44.720 System Software Version: 1.146
2015-02-23 11:08:44.720 Slave Processor Version: 1.11
2015-02-23 11:08:44.720 Calibrator Type: QCAL330
2015-02-23 11:08:44.720 Calibrator Version: 1.8
2015-02-23 11:08:44.720 Auxiliary Board Type: None
2015-02-23 11:08:44.720 Clock Type: Motorola M12
2015-02-23 11:08:44.720 PLD Version: 7.9
2015-02-23 11:08:44.720 Total Hours: 72903.75
2015-02-23 11:08:44.720 Power On Hours: 37534.13
2015-02-23 11:08:44.720 Time of Last Boot: 2014-04-06 02:03:58
2015-02-23 11:08:44.720 Total Number of Boots: 120
2015-02-23 11:08:44.720 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-23 11:08:44.720 Total Number of Re-Syncs: 213
2015-02-23 11:08:44.720 Status Inputs: 00000000
2015-02-23 11:08:44.720 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-23 11:08:44.720 Clock Quality: 100%
2015-02-23 11:08:44.720 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-23 11:08:44.720 Clock Phase: 0 usec. max allowed=50000
2015-02-23 11:08:44.720 Boom positions:
2015-02-23 11:08:44.720 Ch1: -2 Ch2: -1 Ch3: 10 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-23 11:08:44.720 Analog Status
2015-02-23 11:08:44.720 Analog Positive Supply: 5.46V
2015-02-23 11:08:44.720 Input Voltage: 13.20V
2015-02-23 11:08:44.720 System Temperature: 5C
2015-02-23 11:08:44.720 Main Current: 62ma
2015-02-23 11:08:44.720 Antenna Current: 0ma
2015-02-23 11:08:44.720 GPS Status
2015-02-23 11:08:44.720 Time: 11:08:43

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2015-02-23 11:08:44.720 Date:
2015-02-23 11:08:44.720 Fix Type: 1-D
2015-02-23 11:08:44.720 Height:
2015-02-23 11:08:44.720 Latitude:
2015-02-23 11:08:44.720 Longitude:
2015-02-23 11:08:44.720 On Time: 0min
2015-02-23 11:08:44.720 Sat. Used: 0
2015-02-23 11:08:44.720 In View: 0
2015-02-23 11:08:44.720 Checksum Errors: 0
2015-02-23 11:08:44.720 Last GPS timemark: 2015-02-23 11:08:42
2015-02-23 11:08:44.720 PLL Status
2015-02-23 11:08:44.720 State: Lock
2015-02-23 11:08:44.720 Initial VCO: 2202.592773
2015-02-23 11:08:44.720 Time Error: 0.000000
2015-02-23 11:08:44.720 RMS VCO: 0.0000000
2015-02-23 11:08:44.720 Best VCO: 2202.66
2015-02-23 11:08:44.720 Seconds Since Track or Lock: 0.0
2015-02-23 11:08:44.720 Vco Control: 2203
2015-02-23 11:08:44.720 timing mode: external seascan
2015-02-23 11:08:44.720 tempco normal
2015-02-23 11:08:44.720 PLL update: 10s PLL lock criterion: 5us
2015-02-23 11:08:44.720 Pfrac: 150.00
2015-02-23 11:08:44.720 VCO slope: -0.0175000
2015-02-23 11:08:44.720 VCO intercept: 7.1100001
2015-02-23 11:08:44.720 Km delta: 600.0000000
2015-02-23 11:08:44.720 Logical Port 4 Status
2015-02-23 11:08:44.720 Data Packets Sent: 32889544
2015-02-23 11:08:44.720 Flood Packets Sent: 0
2015-02-23 11:08:44.720 Packets Re-Sent: 51571
2015-02-23 11:08:44.720 Sequence Errors: 0
2015-02-23 11:08:44.720 Packet Buffer Used: 22200092
2015-02-23 11:08:44.720 Physical Port: Ethernet
2015-02-23 11:08:44.720 Baler Model: 14 Software Version: 2.28
2015-02-23 11:08:44.720 MAC Address: 00:04:FB:00:02:EA
2015-02-23 11:08:44.720 Disk Size: 20000669696
2015-02-23 11:08:44.720 Percent of 1177 data files in use: 61.8
2015-02-23 11:08:44.720 Channels Enabled: 1234 Preamps ON channels:
2015-02-23 11:08:44.720 Channel Sensitivities (uV per count):
2015-02-23 11:08:44.720 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-23 11:08:44.720 Digitizer Calibration Results:
2015-02-23 11:08:44.720 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-23 11:08:44.720 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-23 11:08:44.720 DMU1 Software Version=10
2015-02-23 11:08:44.720 Supply Voltage=12.6
2015-02-23 11:08:44.720 Supply Current=0.41
2015-02-23 11:08:44.720 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-23 11:08:44.720 WebLink Data Maps Restored
2015-02-23 11:08:44.720 [2015-02-22 23:07:46.999998] sequence resumes: 27896576 to
27896576
2015-02-23 11:08:44.720 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-23 11:08:43
2015-02-23 11:08:44.720 [2015-02-23 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-23 11:14:14.430 [2015-02-23 11:06:24.000000] total packets received: 45500
2015-02-23 11:14:14.430 [2015-02-23 11:06:24.000000] command timeouts: 6
2015-02-23 11:14:14.430 [2015-02-23 11:06:24.000000] out of window: 61
2015-02-23 11:14:14.430 written: HHZ-1144 HH1-1362 HH2-1385 BDH-441 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-02-23 11:14:14.430 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-1 VM1-1
2015-02-23 11:14:14.430 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2015-02-23 11:14:14.430 [2015-02-23 11:06:24.000000] Done: 4471 recs. seq end:
27939693. run: 325 s

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2015-02-23 23:15:08.750
2015-02-23 23:15:08.750 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-23 23:15:08.750 Control Port 2491 Opened
2015-02-23 23:15:08.750 Baler ready on Ethernet
2015-02-23 23:15:08.750 Power Cycled Baler Acknowledged
2015-02-23 23:15:08.750 Commands Accepted by Q330
2015-02-23 23:15:08.750 Access timeout: 300 sec
2015-02-23 23:15:08.750 Data Port 4024 Opened
2015-02-23 23:15:08.750 Registered with Q330
2015-02-23 23:15:08.750 Combination Record Received
2015-02-23 23:15:08.750 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-23 23:15:08.750 Link Reset, starting window sequence: 32527
2015-02-23 23:15:08.750 GPS Receiver ID Received
2015-02-23 23:15:08.750 Manufacturer's Data Received, Property Tag=2017
2015-02-23 23:15:08.750 Digitizer Gain & Offsets Received
2015-02-23 23:15:08.750 Msg From 192.168.200.119:Baler XX-2017 readback. 4471 recs.
seq end: 27939693
2015-02-23 23:15:08.750 Baler clock set to 2015-02-23 23:15:07
2015-02-23 23:15:08.750 Starting to Read DP Tokens
2015-02-23 23:15:08.750 DP Tokens loaded, size=1474 bytes
2015-02-23 23:15:08.750 Webserver advertising 192.168.200.119:5380
2015-02-23 23:15:08.750 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-23 23:15:08.750 filters & delay HH1:2@100,Linear all=0.320000
2015-02-23 23:15:08.750 filters & delay HH2:3@100,Linear all=0.320000
2015-02-23 23:15:08.750 filters & delay BDH:4@20,Linear all=1.650000
2015-02-23 23:15:08.750 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-23 23:15:08.750 filters & delay LH1:2@1,Linear all=15.000000
2015-02-23 23:15:08.750 filters & delay LH2:3@1,Linear all=15.000000
2015-02-23 23:15:08.750 filters & delay LDH:4@1,Linear all=15.000000
2015-02-23 23:15:08.750 [2015-02-23 11:06:24.000000] continuity found: 27939693
478004784.000000 Q=100
2015-02-23 23:15:08.750 [2015-02-23 11:06:24.000000] restoring continuity
2015-02-23 23:15:08.750 Sending DT_OPEN
2015-02-23 23:15:08.750 Station: XX-2017
2015-02-23 23:15:08.750 Q330 Serial Number: 0100000DB18FC351
2015-02-23 23:15:08.750 AMB Serial Number: 0100000B6909DD82
2015-02-23 23:15:08.750 Seismo 1 Serial Number: 0000000000000000
2015-02-23 23:15:08.750 Seismo 2 Serial Number: 0000000000000000
2015-02-23 23:15:08.750 QAPCHP 1 Serial Number: 4643206
2015-02-23 23:15:08.750 QAPCHP 2 Serial Number: 3743050
2015-02-23 23:15:08.750 KMI Property Tag Number: 2017
2015-02-23 23:15:08.750 System Software Version: 1.146
2015-02-23 23:15:08.750 Slave Processor Version: 1.11
2015-02-23 23:15:08.750 Calibrator Type: QCAL330
2015-02-23 23:15:08.750 Calibrator Version: 1.8
2015-02-23 23:15:08.750 Auxiliary Board Type: None
2015-02-23 23:15:08.750 Clock Type: Motorola M12
2015-02-23 23:15:08.750 PLD Version: 7.9
2015-02-23 23:15:08.750 Total Hours: 72915.85
2015-02-23 23:15:08.750 Power On Hours: 37546.24
2015-02-23 23:15:08.750 Time of Last Boot: 2014-04-06 02:03:58
2015-02-23 23:15:08.750 Total Number of Boots: 120
2015-02-23 23:15:08.750 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-23 23:15:08.750 Total Number of Re-Syncs: 213
2015-02-23 23:15:08.750 Status Inputs: 00000000
2015-02-23 23:15:08.750 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-23 23:15:08.750 Clock Quality: 100%
2015-02-23 23:15:08.750 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-23 23:15:08.750 Clock Phase: 1 usec. max allowed=50000
2015-02-23 23:15:08.750 Boom positions:
2015-02-23 23:15:08.750 Ch1: -3 Ch2: -2 Ch3: 11 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-23 23:15:08.750 Analog Status
2015-02-23 23:15:08.750 Analog Positive Supply: 5.46V

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2015-02-23 23:15:08.750 Input Voltage: 13.20V
2015-02-23 23:15:08.750 System Temperature: 5C
2015-02-23 23:15:08.750 Main Current: 62ma
2015-02-23 23:15:08.750 Antenna Current: 0ma
2015-02-23 23:15:08.750 GPS Status
2015-02-23 23:15:08.750 Time: 23:15:07
2015-02-23 23:15:08.750 Date:
2015-02-23 23:15:08.750 Fix Type: 1-D
2015-02-23 23:15:08.750 Height:
2015-02-23 23:15:08.750 Latitude:
2015-02-23 23:15:08.750 Longitude:
2015-02-23 23:15:08.750 On Time: 0min
2015-02-23 23:15:08.750 Sat. Used: 0
2015-02-23 23:15:08.750 In View: 0
2015-02-23 23:15:08.750 Checksum Errors: 0
2015-02-23 23:15:08.750 Last GPS timemark: 2015-02-23 23:15:06
2015-02-23 23:15:08.750 PLL Status
2015-02-23 23:15:08.750 State: Lock
2015-02-23 23:15:08.750 Initial VCO: 2202.268799
2015-02-23 23:15:08.750 Time Error: 0.000000
2015-02-23 23:15:08.750 RMS VCO: 0.0000000
2015-02-23 23:15:08.750 Best VCO: 2202.28
2015-02-23 23:15:08.750 Seconds Since Track or Lock: 0.0
2015-02-23 23:15:08.750 Vco Control: 2202
2015-02-23 23:15:08.750 timing mode: external seascan
2015-02-23 23:15:08.750 tempco normal
2015-02-23 23:15:08.750 PLL update: 10s PLL lock criterion: 5us
2015-02-23 23:15:08.750 Pfrac: 150.00
2015-02-23 23:15:08.750 VCO slope: -0.0175000
2015-02-23 23:15:08.750 VCO intercept: 7.1100001
2015-02-23 23:15:08.750 Km delta: 600.0000000
2015-02-23 23:15:08.750 Logical Port 4 Status
2015-02-23 23:15:08.750 Data Packets Sent: 32934953
2015-02-23 23:15:08.750 Flood Packets Sent: 0
2015-02-23 23:15:08.750 Packets Re-Sent: 51653
2015-02-23 23:15:08.750 Sequence Errors: 0
2015-02-23 23:15:08.750 Packet Buffer Used: 23803164
2015-02-23 23:15:08.750 Physical Port: Ethernet
2015-02-23 23:15:08.750 Baler Model: 14 Software Version: 2.28
2015-02-23 23:15:08.750 MAC Address: 00:04:FB:00:02:EA
2015-02-23 23:15:08.750 Disk Size: 20000669696
2015-02-23 23:15:08.750 Percent of 1177 data files in use: 61.9
2015-02-23 23:15:08.750 Channels Enabled: 1234 Preamps ON channels:
2015-02-23 23:15:08.750 Channel Sensitivities (uV per count):
2015-02-23 23:15:08.750 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-23 23:15:08.750 Digitizer Calibration Results:
2015-02-23 23:15:08.750 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-23 23:15:08.750 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-23 23:15:08.750 DMU1 Software Version=10
2015-02-23 23:15:08.750 Supply Voltage=12.7
2015-02-23 23:15:08.750 Supply Current=0.40
2015-02-23 23:15:08.750 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-23 23:15:08.750 WebLink Data Maps Restored
2015-02-23 23:15:08.750 [2015-02-23 11:06:24.000000] sequence resumes: 27939693 to
27939693
2015-02-23 23:15:08.750 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-23 23:15:07
2015-02-23 23:21:08.300 Reducing Status Polling Interval
2015-02-23 23:21:08.300 [2015-02-23 23:21:07.999998] total packets received: 61710
2015-02-23 23:21:08.300 [2015-02-23 23:21:07.999998] command timeouts: 6
2015-02-23 23:21:08.300 [2015-02-23 23:21:07.999998] out of window: 66
2015-02-23 23:21:08.300 written: HHZ-1303 HH1-1494 HH2-1494 BDH-456 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2

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2015-02-23 23:21:08.300 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-28 LH2-28 LDH-33
VMZ-2 VM1-2
2015-02-23 23:21:08.300 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-02-23 23:21:08.300 [2015-02-23 23:21:07.999998] Done: 4903 recs. seq end:
27983777. run: 356 s
2015-02-24 11:22:04.710
2015-02-24 11:22:04.710 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-24 11:22:04.710 Control Port 2491 Opened
2015-02-24 11:22:04.710 Baler ready on Ethernet
2015-02-24 11:22:04.710 Power Cycled Baler Acknowledged
2015-02-24 11:22:04.710 Commands Accepted by Q330
2015-02-24 11:22:04.710 Access timeout: 300 sec
2015-02-24 11:22:04.710 Control Port 4023 Opened
2015-02-24 11:22:04.710 Data Port 4024 Opened
2015-02-24 11:22:04.710 Registered with Q330
2015-02-24 11:22:04.710 Combination Record Received
2015-02-24 11:22:04.710 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-24 11:22:04.710 Link Reset, starting window sequence: 28597
2015-02-24 11:22:04.710 GPS Receiver ID Received
2015-02-24 11:22:04.710 Manufacturer's Data Received, Property Tag=2017
2015-02-24 11:22:04.710 Digitizer Gain & Offsets Received
2015-02-24 11:22:04.710 Msg From 192.168.200.119:Baler XX-2017 readback. 4903 recs.
seq end: 27983777
2015-02-24 11:22:04.710 Baler clock set to 2015-02-24 11:22:03
2015-02-24 11:22:04.710 Starting to Read DP Tokens
2015-02-24 11:22:04.710 DP Tokens loaded, size=1474 bytes
2015-02-24 11:22:04.710 Webserver advertising 192.168.200.119:5380
2015-02-24 11:22:04.710 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-24 11:22:04.710 filters & delay HH1:2@100,Linear all=0.320000
2015-02-24 11:22:04.710 filters & delay HH2:3@100,Linear all=0.320000
2015-02-24 11:22:04.710 filters & delay BDH:4@20,Linear all=1.650000
2015-02-24 11:22:04.710 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-24 11:22:04.710 filters & delay LH1:2@1,Linear all=15.000000
2015-02-24 11:22:04.710 filters & delay LH2:3@1,Linear all=15.000000
2015-02-24 11:22:04.710 filters & delay LDH:4@1,Linear all=15.000000
2015-02-24 11:22:04.710 [2015-02-23 23:21:07.999998] continuity found: 27983777
478048868.000000 Q=100
2015-02-24 11:22:04.710 [2015-02-23 23:21:07.999998] restoring continuity
2015-02-24 11:22:04.710 Sending DT_OPEN
2015-02-24 11:22:04.710 Station: XX-2017
2015-02-24 11:22:04.710 Q330 Serial Number: 0100000DB18FC351
2015-02-24 11:22:04.710 AMB Serial Number: 0100000B6909DD82
2015-02-24 11:22:04.710 Seismo 1 Serial Number: 0000000000000000
2015-02-24 11:22:04.710 Seismo 2 Serial Number: 0000000000000000
2015-02-24 11:22:04.710 QAPCHP 1 Serial Number: 4643206
2015-02-24 11:22:04.710 QAPCHP 2 Serial Number: 3743050
2015-02-24 11:22:04.710 KMI Property Tag Number: 2017
2015-02-24 11:22:04.710 System Software Version: 1.146
2015-02-24 11:22:04.710 Slave Processor Version: 1.11
2015-02-24 11:22:04.710 Calibrator Type: QCAL330
2015-02-24 11:22:04.710 Calibrator Version: 1.8
2015-02-24 11:22:04.710 Auxiliary Board Type: None
2015-02-24 11:22:04.710 Clock Type: Motorola M12
2015-02-24 11:22:04.710 PLD Version: 7.9
2015-02-24 11:22:04.710 Total Hours: 72927.97
2015-02-24 11:22:04.710 Power On Hours: 37558.35
2015-02-24 11:22:04.710 Time of Last Boot: 2014-04-06 02:03:58
2015-02-24 11:22:04.710 Total Number of Boots: 120
2015-02-24 11:22:04.710 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-24 11:22:04.710 Total Number of Re-Syncs: 213
2015-02-24 11:22:04.710 Status Inputs: 00000000
2015-02-24 11:22:04.710 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-24 11:22:04.710 Clock Quality: 100%

```

S01\_messages.txt

2015-02-24 11:22:04.710 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-24 11:22:04.710 Clock Phase: 0 usec. max allowed=50000  
 2015-02-24 11:22:04.710 Boom positions:  
 2015-02-24 11:22:04.710 ch1: -3 ch2: -2 ch3: 12 ch4: 20 ch5: 20 ch6: 20  
 2015-02-24 11:22:04.710 Analog Status  
 2015-02-24 11:22:04.710 Analog Positive Supply: 5.46V  
 2015-02-24 11:22:04.710 Input Voltage: 13.20V  
 2015-02-24 11:22:04.710 System Temperature: 5C  
 2015-02-24 11:22:04.710 Main Current: 63ma  
 2015-02-24 11:22:04.710 Antenna Current: 0ma  
 2015-02-24 11:22:04.710 GPS Status  
 2015-02-24 11:22:04.710 Time: 11:22:03  
 2015-02-24 11:22:04.710 Date:  
 2015-02-24 11:22:04.710 Fix Type: 1-D  
 2015-02-24 11:22:04.710 Height:  
 2015-02-24 11:22:04.710 Latitude:  
 2015-02-24 11:22:04.710 Longitude:  
 2015-02-24 11:22:04.710 On Time: 0min  
 2015-02-24 11:22:04.710 Sat. Used: 0  
 2015-02-24 11:22:04.710 In View: 0  
 2015-02-24 11:22:04.710 Checksum Errors: 0  
 2015-02-24 11:22:04.710 Last GPS timemark: 2015-02-24 11:22:02  
 2015-02-24 11:22:04.710 PLL Status  
 2015-02-24 11:22:04.710 State: Lock  
 2015-02-24 11:22:04.710 Initial VCO: 2201.985107  
 2015-02-24 11:22:04.710 Time Error: 0.000000  
 2015-02-24 11:22:04.710 RMS VCO: 0.0000000  
 2015-02-24 11:22:04.710 Best VCO: 2201.93  
 2015-02-24 11:22:04.710 Seconds Since Track or Lock: 0.0  
 2015-02-24 11:22:04.710 Vco Control: 2202  
 2015-02-24 11:22:04.710 timing mode: external seascan  
 2015-02-24 11:22:04.710 tempco normal  
 2015-02-24 11:22:04.710 PLL update: 10s PLL lock criterion: 5us  
 2015-02-24 11:22:04.710 Pfrac: 150.00  
 2015-02-24 11:22:04.710 VCO slope: -0.0175000  
 2015-02-24 11:22:04.710 km delta: 600.0000000  
 2015-02-24 11:22:04.710 Logical Port 4 Status  
 2015-02-24 11:22:04.710 Data Packets Sent: 32996565  
 2015-02-24 11:22:04.710 Flood Packets Sent: 0  
 2015-02-24 11:22:04.710 Packets Re-Sent: 51736  
 2015-02-24 11:22:04.710 Sequence Errors: 0  
 2015-02-24 11:22:04.710 Packet Buffer Used: 22628684  
 2015-02-24 11:22:04.710 Physical Port: Ethernet  
 2015-02-24 11:22:04.710 Baler Model: 14 Software Version: 2.28  
 2015-02-24 11:22:04.710 MAC Address: 00:04:FB:00:02:EA  
 2015-02-24 11:22:04.710 Disk Size: 20000669696  
 2015-02-24 11:22:04.710 Percent of 1177 data files in use: 61.9  
 2015-02-24 11:22:04.710 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-24 11:22:04.710 Channel Sensitivities (uV per count):  
 2015-02-24 11:22:04.710 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-24 11:22:04.710 Digitizer Calibration Results:  
 2015-02-24 11:22:04.710 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-24 11:22:04.710 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-24 11:22:04.710 DMU1 Software Version=10  
 2015-02-24 11:22:04.710 Supply Voltage=12.7  
 2015-02-24 11:22:04.710 Supply Current=0.41  
 2015-02-24 11:22:04.710 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-24 11:22:04.710 webLink Data Maps Restored  
 2015-02-24 11:22:04.710 [2015-02-23 23:21:07.999998] sequence resumes: 27983777 to  
 27983777  
 2015-02-24 11:22:04.710 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-24 11:22:03  
 2015-02-24 11:22:04.710 [2015-02-24 00:00:00.000000] saving Configuration to Backup

# S01\_messages.txt

## Memory

```

2015-02-24 11:27:42.000 Reducing Status Polling Interval
2015-02-24 11:27:42.000 [2015-02-24 11:27:41.000000] total packets received: 49005
2015-02-24 11:27:42.000 [2015-02-24 11:27:41.000000] command timeouts: 6
2015-02-24 11:27:42.000 [2015-02-24 11:27:41.000000] out of window: 58
2015-02-24 11:27:42.000 written: HHZ-1202 HH1-1394 HH2-1426 BDH-457 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-24 11:27:42.000 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-28 LH2-29 LDH-40
VMZ-2 VM1-2
2015-02-24 11:27:42.000 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-02-24 11:27:42.000 [2015-02-24 11:27:41.000000] Done: 4650 recs. seq end:
28027370. run: 333 s
2015-02-24 23:28:37.750
2015-02-24 23:28:37.750 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-24 23:28:37.750 Control Port 2491 Opened
2015-02-24 23:28:37.750 Baler ready on Ethernet
2015-02-24 23:28:37.750 Power Cycled Baler Acknowledged
2015-02-24 23:28:37.750 Commands Accepted by Q330
2015-02-24 23:28:37.750 Access timeout: 300 sec
2015-02-24 23:28:37.750 Control Port 4023 Opened
2015-02-24 23:28:37.750 Data Port 4024 Opened
2015-02-24 23:28:37.750 Registered with Q330
2015-02-24 23:28:37.750 Combination Record Received
2015-02-24 23:28:37.750 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-24 23:28:37.750 Link Reset, starting window sequence: 11972
2015-02-24 23:28:37.750 GPS Receiver ID Received
2015-02-24 23:28:37.750 Manufacturer's Data Received, Property Tag=2017
2015-02-24 23:28:37.750 Digitizer Gain & Offsets Received
2015-02-24 23:28:37.750 Msg From 192.168.200.119:Baler XX-2017 readback. 4650 recs.
seq end: 28027370
2015-02-24 23:28:37.750 Baler clock set to 2015-02-24 23:28:36
2015-02-24 23:28:37.750 Starting to Read DP Tokens
2015-02-24 23:28:37.750 DP Tokens loaded, size=1474 bytes
2015-02-24 23:28:37.750 webserver advertising 192.168.200.119:5380
2015-02-24 23:28:37.750 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-24 23:28:37.750 filters & delay HH1:2@100,Linear all=0.320000
2015-02-24 23:28:37.750 filters & delay HH2:3@100,Linear all=0.320000
2015-02-24 23:28:37.750 filters & delay BDH:4@20,Linear all=1.650000
2015-02-24 23:28:37.750 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-24 23:28:37.750 filters & delay LH1:2@1,Linear all=15.000000
2015-02-24 23:28:37.750 filters & delay LH2:3@1,Linear all=15.000000
2015-02-24 23:28:37.750 filters & delay LDH:4@1,Linear all=15.000000
2015-02-24 23:28:37.750 [2015-02-24 11:27:41.000000] continuity found: 28027370
478092461.000000 q=100
2015-02-24 23:28:37.750 [2015-02-24 11:27:41.000000] restoring continuity
2015-02-24 23:28:37.750 Sending DT_OPEN
2015-02-24 23:28:37.750 Station: XX-2017
2015-02-24 23:28:37.750 Q330 Serial Number: 0100000DB18FC351
2015-02-24 23:28:37.750 AMB Serial Number: 0100000B6909DD82
2015-02-24 23:28:37.750 Seismo 1 Serial Number: 0000000000000000
2015-02-24 23:28:37.750 Seismo 2 Serial Number: 0000000000000000
2015-02-24 23:28:37.750 QAPCHP 1 Serial Number: 4643206
2015-02-24 23:28:37.750 QAPCHP 2 Serial Number: 3743050
2015-02-24 23:28:37.750 KMI Property Tag Number: 2017
2015-02-24 23:28:37.750 System Software Version: 1.146
2015-02-24 23:28:37.750 Slave Processor Version: 1.11
2015-02-24 23:28:37.750 Calibrator Type: QCAL330
2015-02-24 23:28:37.750 Calibrator Version: 1.8
2015-02-24 23:28:37.750 Auxiliary Board Type: None
2015-02-24 23:28:37.750 Clock Type: Motorola M12
2015-02-24 23:28:37.750 PLD Version: 7.9
2015-02-24 23:28:37.750 Total Hours: 72940.08
2015-02-24 23:28:37.750 Power On Hours: 37570.46

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S01\_messages.txt

2015-02-24 23:28:37.750 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-24 23:28:37.750 Total Number of Boots: 120  
 2015-02-24 23:28:37.750 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-24 23:28:37.750 Total Number of Re-Syncs: 213  
 2015-02-24 23:28:37.750 Status Inputs: 00000000  
 2015-02-24 23:28:37.750 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-24 23:28:37.750 Clock Quality: 100%  
 2015-02-24 23:28:37.750 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-24 23:28:37.750 Clock Phase: 0 usec. max allowed=50000  
 2015-02-24 23:28:37.750 Boom positions:  
 2015-02-24 23:28:37.750 ch1: -2 ch2: -3 ch3: 11 ch4: 20 ch5: 20 ch6: 20  
 2015-02-24 23:28:37.750 Analog Status  
 2015-02-24 23:28:37.750 Analog Positive Supply: 5.46V  
 2015-02-24 23:28:37.750 Input Voltage: 13.20V  
 2015-02-24 23:28:37.750 System Temperature: 5C  
 2015-02-24 23:28:37.750 Main Current: 62ma  
 2015-02-24 23:28:37.750 Antenna Current: 0ma  
 2015-02-24 23:28:37.750 GPS Status  
 2015-02-24 23:28:37.750 Time: 23:28:36  
 2015-02-24 23:28:37.750 Date:  
 2015-02-24 23:28:37.750 Fix Type: 1-D  
 2015-02-24 23:28:37.750 Height:  
 2015-02-24 23:28:37.750 Latitude:  
 2015-02-24 23:28:37.750 Longitude:  
 2015-02-24 23:28:37.750 On Time: 0min  
 2015-02-24 23:28:37.750 Sat. Used: 0  
 2015-02-24 23:28:37.750 In View: 0  
 2015-02-24 23:28:37.750 Checksum Errors: 0  
 2015-02-24 23:28:37.750 Last GPS timemark: 2015-02-24 23:28:35  
 2015-02-24 23:28:37.750 PLL Status  
 2015-02-24 23:28:37.750 State: Lock  
 2015-02-24 23:28:37.750 Initial VCO: 2202.000000  
 2015-02-24 23:28:37.750 Time Error: 0.000000  
 2015-02-24 23:28:37.750 RMS VCO: 0.000000  
 2015-02-24 23:28:37.750 Best VCO: 2202.00  
 2015-02-24 23:28:37.750 Seconds Since Track or Lock: 0.0  
 2015-02-24 23:28:37.750 Vco Control: 2202  
 2015-02-24 23:28:37.750 timing mode: external seascan  
 2015-02-24 23:28:37.750 tempco normal  
 2015-02-24 23:28:37.750 PLL update: 10s PLL lock criterion: 5us  
 2015-02-24 23:28:37.750 Pfrac: 150.00  
 2015-02-24 23:28:37.750 VCO slope: -0.0175000  
 2015-02-24 23:28:37.750 VCO intercept: 7.1100001  
 2015-02-24 23:28:37.750 Km delta: 600.000000  
 2015-02-24 23:28:37.750 Logical Port 4 Status  
 2015-02-24 23:28:37.750 Data Packets Sent: 33045481  
 2015-02-24 23:28:37.750 Flood Packets Sent: 0  
 2015-02-24 23:28:37.750 Packets Re-Sent: 51810  
 2015-02-24 23:28:37.750 Sequence Errors: 0  
 2015-02-24 23:28:37.750 Packet Buffer Used: 22438144  
 2015-02-24 23:28:37.750 Physical Port: Ethernet  
 2015-02-24 23:28:37.750 Baler Model: 14 Software Version: 2.28  
 2015-02-24 23:28:37.750 MAC Address: 00:04:FB:00:02:EA  
 2015-02-24 23:28:37.750 Disk Size: 20000669696  
 2015-02-24 23:28:37.750 Percent of 1177 data files in use: 62.0  
 2015-02-24 23:28:37.750 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-24 23:28:37.750 Channel sensitivities (uV per count):  
 2015-02-24 23:28:37.750 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-24 23:28:37.750 Digitizer Calibration Results:  
 2015-02-24 23:28:37.750 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-24 23:28:37.750 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-24 23:28:37.750 DMU1 Software Version=10  
 2015-02-24 23:28:37.750 Supply Voltage=12.6

S01\_messages.txt

2015-02-24 23:28:37.750 Supply Current=0.41  
 2015-02-24 23:28:37.750 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-24 23:28:37.750 WebLink Data Maps Restored  
 2015-02-24 23:28:37.750 [2015-02-24 11:27:41.000000] sequence resumes: 28027370 to 28027370  
 2015-02-24 23:28:37.750 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-24 23:28:36  
 2015-02-24 23:34:15.100 Reducing Status Polling Interval  
 2015-02-24 23:34:15.100 [2015-02-24 23:34:13.999998] total packets received: 47565  
 2015-02-24 23:34:15.100 [2015-02-24 23:34:13.999998] command timeouts: 6  
 2015-02-24 23:34:15.100 [2015-02-24 23:34:13.999998] out of window: 62  
 2015-02-24 23:34:15.100 written: HHZ-1180 HH1-1396 HH2-1404 BDH-453 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-02-24 23:34:15.100 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-35  
 VMZ-1 VM1-1  
 2015-02-24 23:34:15.100 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-02-24 23:34:15.100 [2015-02-24 23:34:13.999998] Done: 4581 recs. seq end: 28070963. run: 332 s  
 2015-02-25 11:35:09.760  
 2015-02-25 11:35:09.760 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-25 11:35:09.760 Control Port 2491 Opened  
 2015-02-25 11:35:09.760 Baler ready on Ethernet  
 2015-02-25 11:35:09.760 Power Cycled Baler Acknowledged  
 2015-02-25 11:35:09.760 Commands Accepted by Q330  
 2015-02-25 11:35:09.760 Access timeout: 300 sec  
 2015-02-25 11:35:09.760 Control Port 4023 Opened  
 2015-02-25 11:35:09.760 Data Port 4024 Opened  
 2015-02-25 11:35:09.760 Registered with Q330  
 2015-02-25 11:35:09.760 Combination Record Received  
 2015-02-25 11:35:09.760 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-25 11:35:09.760 Link Reset, starting window sequence: 59439  
 2015-02-25 11:35:09.760 GPS Receiver ID Received  
 2015-02-25 11:35:09.760 Manufacturer's Data Received, Property Tag=2017  
 2015-02-25 11:35:09.760 Digitizer Gain & Offsets Received  
 2015-02-25 11:35:09.760 Msg From 192.168.200.119:Baler XX-2017 readback. 4581 recs. seq end: 28070963  
 2015-02-25 11:35:09.760 Baler clock set to 2015-02-25 11:35:08  
 2015-02-25 11:35:09.760 Starting to Read DP Tokens  
 2015-02-25 11:35:09.760 DP Tokens loaded, size=1474 bytes  
 2015-02-25 11:35:09.760 webserver advertising 192.168.200.119:5380  
 2015-02-25 11:35:09.760 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-02-25 11:35:09.760 filters & delay HH1:2@100,Linear all=0.320000  
 2015-02-25 11:35:09.760 filters & delay HH2:3@100,Linear all=0.320000  
 2015-02-25 11:35:09.760 filters & delay BDH:4@20,Linear all=1.650000  
 2015-02-25 11:35:09.760 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-02-25 11:35:09.760 filters & delay LH1:2@1,Linear all=15.000000  
 2015-02-25 11:35:09.760 filters & delay LH2:3@1,Linear all=15.000000  
 2015-02-25 11:35:09.760 filters & delay LDH:4@1,Linear all=15.000000  
 2015-02-25 11:35:09.760 [2015-02-24 23:34:13.999998] continuity found: 28070963  
 478136054.000000 Q=100  
 2015-02-25 11:35:09.760 [2015-02-24 23:34:13.999998] restoring continuity  
 2015-02-25 11:35:09.760 Sending DT\_OPEN  
 2015-02-25 11:35:09.760 Station: XX-2017  
 2015-02-25 11:35:09.760 Q330 Serial Number: 0100000DB18FC351  
 2015-02-25 11:35:09.760 AMB Serial Number: 0100000B6909DD82  
 2015-02-25 11:35:09.760 Seismo 1 Serial Number: 0000000000000000  
 2015-02-25 11:35:09.760 Seismo 2 Serial Number: 0000000000000000  
 2015-02-25 11:35:09.760 QAPCHP 2 Serial Number: 3743050  
 2015-02-25 11:35:09.760 KMI Property Tag Number: 2017  
 2015-02-25 11:35:09.760 System Software Version: 1.146  
 2015-02-25 11:35:09.760 Slave Processor Version: 1.11  
 2015-02-25 11:35:09.760 Calibrator Type: QCAL330  
 2015-02-25 11:35:09.760 Calibrator Version: 1.8



S01\_messages.txt

2015-02-25 11:35:09.760 Auxiliary Board Type: None  
 2015-02-25 11:35:09.760 Clock Type: Motorola M12  
 2015-02-25 11:35:09.760 PLD Version: 7.9  
 2015-02-25 11:35:09.760 Total Hours: 72952.19  
 2015-02-25 11:35:09.760 Power On Hours: 37582.57  
 2015-02-25 11:35:09.760 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-25 11:35:09.760 Total Number of Boots: 120  
 2015-02-25 11:35:09.760 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-25 11:35:09.760 Total Number of Re-Syncs: 213  
 2015-02-25 11:35:09.760 Status Inputs: 00000000  
 2015-02-25 11:35:09.760 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-02-25 11:35:09.760 Clock Quality: 100%  
 2015-02-25 11:35:09.760 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-25 11:35:09.760 Clock Phase: 0 usec. max allowed=50000  
 2015-02-25 11:35:09.760 Boom positions:  
 2015-02-25 11:35:09.760 ch1: -3 ch2: -3 ch3: 10 ch4: 20 ch5: 20 ch6: 20  
 2015-02-25 11:35:09.760 Analog Status  
 2015-02-25 11:35:09.760 Analog Positive Supply: 5.46V  
 2015-02-25 11:35:09.760 Input Voltage: 13.20V  
 2015-02-25 11:35:09.760 System Temperature: 5C  
 2015-02-25 11:35:09.760 Main Current: 62ma  
 2015-02-25 11:35:09.760 Antenna Current: 0ma  
 2015-02-25 11:35:09.760 GPS Status  
 2015-02-25 11:35:09.760 Time: 11:35:08  
 2015-02-25 11:35:09.760 Date:  
 2015-02-25 11:35:09.760 Fix Type: 1-D  
 2015-02-25 11:35:09.760 Height:  
 2015-02-25 11:35:09.760 Latitude:  
 2015-02-25 11:35:09.760 Longitude:  
 2015-02-25 11:35:09.760 On Time: 0min  
 2015-02-25 11:35:09.760 Sat. Used: 0  
 2015-02-25 11:35:09.760 In View: 0  
 2015-02-25 11:35:09.760 Checksum Errors: 0  
 2015-02-25 11:35:09.760 Last GPS timemark: 2015-02-25 11:35:07  
 2015-02-25 11:35:09.760 PLL Status  
 2015-02-25 11:35:09.760 State: Lock  
 2015-02-25 11:35:09.760 Initial VCO: 2202.426025  
 2015-02-25 11:35:09.760 Time Error: 0.000000  
 2015-02-25 11:35:09.760 RMS VCO: 0.0000000  
 2015-02-25 11:35:09.760 Best VCO: 2202.46  
 2015-02-25 11:35:09.760 Seconds Since Track or Lock: 0.0  
 2015-02-25 11:35:09.760 Vco Control: 2202  
 2015-02-25 11:35:09.760 timing mode: external seascan  
 2015-02-25 11:35:09.760 tempco normal  
 2015-02-25 11:35:09.760 PLL update: 10s PLL lock criterion: 5us  
 2015-02-25 11:35:09.760 Pfrac: 150.00  
 2015-02-25 11:35:09.760 VCO slope: -0.0175000  
 2015-02-25 11:35:09.760 VCO intercept: 7.1100001  
 2015-02-25 11:35:09.760 km delta: 600.0000000  
 2015-02-25 11:35:09.760 Logical Port 4 Status  
 2015-02-25 11:35:09.760 Data Packets Sent: 33092953  
 2015-02-25 11:35:09.760 Flood Packets Sent: 0  
 2015-02-25 11:35:09.760 Packets Re-Sent: 51887  
 2015-02-25 11:35:09.760 Sequence Errors: 0  
 2015-02-25 11:35:09.760 Packet Buffer Used: 23383224  
 2015-02-25 11:35:09.760 Physical Port: Ethernet  
 2015-02-25 11:35:09.760 Baler Model: 14 Software Version: 2.28  
 2015-02-25 11:35:09.760 MAC Address: 00:04:FB:00:02:EA  
 2015-02-25 11:35:09.760 Disk Size: 20000669696  
 2015-02-25 11:35:09.760 Percent of 1177 data files in use: 62.2  
 2015-02-25 11:35:09.760 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-25 11:35:09.760 Channel sensitivities (uV per count):  
 2015-02-25 11:35:09.760 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2015-02-25 11:35:09.760 Digitizer Calibration Results:
2015-02-25 11:35:09.760 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-25 11:35:09.760 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-25 11:35:09.760 DMU1 Software Version=10
2015-02-25 11:35:09.760 Supply Voltage=12.6
2015-02-25 11:35:09.760 Supply Current=0.42
2015-02-25 11:35:09.760 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-25 11:35:09.760 webLink Data Maps Restored
2015-02-25 11:35:09.760 [2015-02-24 23:34:13.999998] sequence resumes: 28070963 to
28070963
2015-02-25 11:35:09.760 [2015-02-25 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-25 11:35:09.760 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-25 11:35:08
2015-02-25 11:41:09.460 Reducing Status Polling Interval
2015-02-25 11:41:09.460 [2015-02-25 11:41:07.999998] total packets received: 60070
2015-02-25 11:41:09.460 [2015-02-25 11:41:07.999998] command timeouts: 6
2015-02-25 11:41:09.460 [2015-02-25 11:41:07.999998] out of window: 69
2015-02-25 11:41:09.460 written: HHZ-1247 HH1-1458 HH2-1495 BDH-456 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-25 11:41:09.460 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-29 LH2-31 LDH-37
VMZ-2 VM1-2
2015-02-25 11:41:09.460 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-02-25 11:41:09.460 [2015-02-25 11:41:07.999998] Done: 4823 recs. seq end:
28114577. run: 356 s
2015-02-25 23:42:04.770
2015-02-25 23:42:04.770 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-25 23:42:04.770 Control Port 2491 Opened
2015-02-25 23:42:04.770 Baler ready on Ethernet
2015-02-25 23:42:04.770 Power Cycled Baler Acknowledged
2015-02-25 23:42:04.770 Commands Accepted by Q330
2015-02-25 23:42:04.770 Access timeout: 300 sec
2015-02-25 23:42:04.770 Control Port 4023 Opened
2015-02-25 23:42:04.770 Data Port 4024 Opened
2015-02-25 23:42:04.770 Registered with Q330
2015-02-25 23:42:04.770 Combination Record Received
2015-02-25 23:42:04.770 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-25 23:42:04.770 Link Reset, starting window sequence: 53866
2015-02-25 23:42:04.770 GPS Receiver ID Received
2015-02-25 23:42:04.770 Manufacturer's Data Received, Property Tag=2017
2015-02-25 23:42:04.770 Digitizer Gain & Offsets Received
2015-02-25 23:42:04.770 Msg From 192.168.200.119:Baler XX-2017 readback. 4823 recs.
seq end: 28114577
2015-02-25 23:42:04.770 Baler clock set to 2015-02-25 23:42:03
2015-02-25 23:42:04.770 Starting to Read DP Tokens
2015-02-25 23:42:04.770 DP Tokens loaded, size=1474 bytes
2015-02-25 23:42:04.770 webserver advertising 192.168.200.119:5380
2015-02-25 23:42:04.770 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-25 23:42:04.770 filters & delay HH1:2@100,Linear all=0.320000
2015-02-25 23:42:04.770 filters & delay HH2:3@100,Linear all=0.320000
2015-02-25 23:42:04.770 filters & delay BDH:4@20,Linear all=1.650000
2015-02-25 23:42:04.770 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-25 23:42:04.770 filters & delay LH1:2@1,Linear all=15.000000
2015-02-25 23:42:04.770 filters & delay LH2:3@1,Linear all=15.000000
2015-02-25 23:42:04.770 filters & delay LDH:4@1,Linear all=15.000000
2015-02-25 23:42:04.770 [2015-02-25 11:41:07.999998] continuity found: 28114577
478179668.000000 Q=100
2015-02-25 23:42:04.770 [2015-02-25 11:41:07.999998] restoring continuity
2015-02-25 23:42:04.770 Sending DT_OPEN
2015-02-25 23:42:04.770 Station: XX-2017
2015-02-25 23:42:04.770 Q330 Serial Number: 0100000DB18FC351
2015-02-25 23:42:04.770 AMB Serial Number: 0100000B6909DD82
2015-02-25 23:42:04.770 Seismo 1 Serial Number: 0000000000000000

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2015-02-25 23:42:04.770 Seismo 2 Serial Number: 0000000000000000  
 2015-02-25 23:42:04.770 QAPCHP 1 Serial Number: 4643206  
 2015-02-25 23:42:04.770 QAPCHP 2 Serial Number: 3743050  
 2015-02-25 23:42:04.770 KMI Property Tag Number: 2017  
 2015-02-25 23:42:04.770 System Software Version: 1.146  
 2015-02-25 23:42:04.770 Slave Processor Version: 1.11  
 2015-02-25 23:42:04.770 Calibrator Type: QCAL330  
 2015-02-25 23:42:04.770 Calibrator Version: 1.8  
 2015-02-25 23:42:04.770 Auxiliary Board Type: None  
 2015-02-25 23:42:04.770 Clock Type: Motorola M12  
 2015-02-25 23:42:04.770 PLD Version: 7.9  
 2015-02-25 23:42:04.770 Total Hours: 72964.30  
 2015-02-25 23:42:04.770 Power On Hours: 37594.69  
 2015-02-25 23:42:04.770 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-25 23:42:04.770 Total Number of Boots: 120  
 2015-02-25 23:42:04.770 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-25 23:42:04.770 Total Number of Re-Syncs: 213  
 2015-02-25 23:42:04.770 Status Inputs: 00000000  
 2015-02-25 23:42:04.770 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-02-25 23:42:04.770 Clock Quality: 100%  
 2015-02-25 23:42:04.770 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-25 23:42:04.770 Clock Phase: 0 usec. max allowed=50000  
 2015-02-25 23:42:04.770 Boom positions:  
 2015-02-25 23:42:04.770 Ch1: -3 ch2: -3 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2015-02-25 23:42:04.770 Analog Status  
 2015-02-25 23:42:04.770 Analog Positive Supply: 5.46v  
 2015-02-25 23:42:04.770 Input Voltage: 13.20V  
 2015-02-25 23:42:04.770 System Temperature: 5C  
 2015-02-25 23:42:04.770 Main Current: 62ma  
 2015-02-25 23:42:04.770 Antenna Current: 0ma  
 2015-02-25 23:42:04.770 GPS Status  
 2015-02-25 23:42:04.770 Time: 23:42:03  
 2015-02-25 23:42:04.770 Date:  
 2015-02-25 23:42:04.770 Fix Type: 1-D  
 2015-02-25 23:42:04.770 Height:  
 2015-02-25 23:42:04.770 Latitude:  
 2015-02-25 23:42:04.770 Longitude:  
 2015-02-25 23:42:04.770 On Time: 0min  
 2015-02-25 23:42:04.770 Sat. Used: 0  
 2015-02-25 23:42:04.770 In View: 0  
 2015-02-25 23:42:04.770 Checksum Errors: 0  
 2015-02-25 23:42:04.770 Last GPS timemark: 2015-02-25 23:42:02  
 2015-02-25 23:42:04.770 PLL Status  
 2015-02-25 23:42:04.770 State: Lock  
 2015-02-25 23:42:04.770 Initial VCO: 2202.358643  
 2015-02-25 23:42:04.770 Time Error: 0.000000  
 2015-02-25 23:42:04.770 RMS VCO: 0.000000  
 2015-02-25 23:42:04.770 Best VCO: 2202.33  
 2015-02-25 23:42:04.770 Seconds Since Track or Lock: 0.0  
 2015-02-25 23:42:04.770 Vco Control: 2202  
 2015-02-25 23:42:04.770 timing mode: external seascan  
 2015-02-25 23:42:04.770 tempco normal  
 2015-02-25 23:42:04.770 PLL update: 10s PLL lock criterion: 5us  
 2015-02-25 23:42:04.770 Pfrac: 150.00  
 2015-02-25 23:42:04.770 VCO slope: -0.0175000  
 2015-02-25 23:42:04.770 VCO intercept: 7.1100001  
 2015-02-25 23:42:04.770 km delta: 600.0000000  
 2015-02-25 23:42:04.770 Logical Port 4 Status  
 2015-02-25 23:42:04.770 Data Packets Sent: 33152922  
 2015-02-25 23:42:04.770 Flood Packets Sent: 0  
 2015-02-25 23:42:04.770 Packets Re-Sent: 51974  
 2015-02-25 23:42:04.770 Sequence Errors: 0  
 2015-02-25 23:42:04.770 Packet Buffer Used: 23078116

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2015-02-25 23:42:04.770 Physical Port: Ethernet
2015-02-25 23:42:04.770 Baler Model: 14 Software Version: 2.28
2015-02-25 23:42:04.770 MAC Address: 00:04:FB:00:02:EA
2015-02-25 23:42:04.770 Disk Size: 20000669696
2015-02-25 23:42:04.770 Percent of 1177 data files in use: 62.3
2015-02-25 23:42:04.770 Channels Enabled: 1234 Preamps ON channels:
2015-02-25 23:42:04.770 Channel Sensitivities (uV per count):
2015-02-25 23:42:04.770 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-25 23:42:04.770 Digitizer Calibration Results:
2015-02-25 23:42:04.770 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-25 23:42:04.770 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-25 23:42:04.770 DMU1 Software Version=10
2015-02-25 23:42:04.770 Supply Voltage=12.6
2015-02-25 23:42:04.770 Supply Current=0.42
2015-02-25 23:42:04.770 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-25 23:42:04.770 WebLink Data Maps Restored
2015-02-25 23:42:04.770 [2015-02-25 11:41:07.999998] sequence resumes: 28114577 to
28114577
2015-02-25 23:42:04.770 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-25 23:42:03
2015-02-25 23:47:53.050 [2015-02-25 23:46:05.000000] total packets received: 57065
2015-02-25 23:47:53.050 [2015-02-25 23:46:05.000000] command timeouts: 6
2015-02-25 23:47:53.050 [2015-02-25 23:46:05.000000] out of window: 55
2015-02-25 23:47:53.050 written: HHZ-1222 HH1-1431 HH2-1465 BDH-454 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-02-25 23:47:53.050 written: VM2-2 LOG-2 ACE-1 OCF-1
2015-02-25 23:47:53.050 [2015-02-25 23:46:05.000000] Done: 4743 recs. seq end:
28158074. run: 345 s
2015-02-26 11:48:48.750
2015-02-26 11:48:48.750 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-26 11:48:48.750 Control Port 2491 Opened
2015-02-26 11:48:48.750 Baler ready on Ethernet
2015-02-26 11:48:48.750 Power Cycled Baler Acknowledged
2015-02-26 11:48:48.750 Commands Accepted by Q330
2015-02-26 11:48:48.750 Access timeout: 300 sec
2015-02-26 11:48:48.750 Control Port 4023 Opened
2015-02-26 11:48:48.750 Data Port 4024 Opened
2015-02-26 11:48:48.750 Registered with Q330
2015-02-26 11:48:48.750 Combination Record Received
2015-02-26 11:48:48.750 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-26 11:48:48.750 Link Reset, starting window sequence: 45304
2015-02-26 11:48:48.750 GPS Receiver ID Received
2015-02-26 11:48:48.750 Manufacturer's Data Received, Property Tag=2017
2015-02-26 11:48:48.750 Digitizer Gain & Offsets Received
2015-02-26 11:48:48.750 Msg From 192.168.200.119:Baler XX-2017 readback. 4743 recs.
seq end: 28158074
2015-02-26 11:48:48.750 Baler clock set to 2015-02-26 11:48:47
2015-02-26 11:48:48.750 Starting to Read DP Tokens
2015-02-26 11:48:48.750 DP Tokens loaded, size=1474 bytes
2015-02-26 11:48:48.750 webserver advertising 192.168.200.119:5380
2015-02-26 11:48:48.750 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-26 11:48:48.750 filters & delay HH1:2@100,Linear all=0.320000
2015-02-26 11:48:48.750 filters & delay HH2:3@100,Linear all=0.320000
2015-02-26 11:48:48.750 filters & delay BDH:4@20,Linear all=1.650000
2015-02-26 11:48:48.750 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-26 11:48:48.750 filters & delay LH1:2@1,Linear all=15.000000
2015-02-26 11:48:48.750 filters & delay LH2:3@1,Linear all=15.000000
2015-02-26 11:48:48.750 filters & delay LDH:4@1,Linear all=15.000000
2015-02-26 11:48:48.750 [2015-02-25 23:46:05.000000] continuity found: 28158074
478223165.000000 Q=100
2015-02-26 11:48:48.750 [2015-02-25 23:46:05.000000] restoring continuity
2015-02-26 11:48:48.750 Sending DT_OPEN
2015-02-26 11:48:48.750 Station: XX-2017

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2015-02-26 11:48:48.750 Q330 Serial Number: 0100000DB18FC351  
 2015-02-26 11:48:48.750 AMB Serial Number: 0100000B6909DD82  
 2015-02-26 11:48:48.750 Seismo 1 Serial Number: 0000000000000000  
 2015-02-26 11:48:48.750 Seismo 2 Serial Number: 0000000000000000  
 2015-02-26 11:48:48.750 QAPCHP 1 Serial Number: 4643206  
 2015-02-26 11:48:48.750 QAPCHP 2 Serial Number: 3743050  
 2015-02-26 11:48:48.750 KMI Property Tag Number: 2017  
 2015-02-26 11:48:48.750 System Software Version: 1.146  
 2015-02-26 11:48:48.750 Slave Processor Version: 1.11  
 2015-02-26 11:48:48.750 Calibrator Type: QCAL330  
 2015-02-26 11:48:48.750 Calibrator Version: 1.8  
 2015-02-26 11:48:48.750 Auxiliary Board Type: None  
 2015-02-26 11:48:48.750 Clock Type: Motorola M12  
 2015-02-26 11:48:48.750 PLD Version: 7.9  
 2015-02-26 11:48:48.750 Total Hours: 72976.42  
 2015-02-26 11:48:48.750 Power On Hours: 37606.80  
 2015-02-26 11:48:48.750 Time of Last Boot: 2014-04-06 02:03:58  
 2015-02-26 11:48:48.750 Total Number of Boots: 120  
 2015-02-26 11:48:48.750 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-02-26 11:48:48.750 Total Number of Re-Syncs: 213  
 2015-02-26 11:48:48.750 Status Inputs: 00000000  
 2015-02-26 11:48:48.750 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-02-26 11:48:48.750 Clock Quality: 100%  
 2015-02-26 11:48:48.750 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-02-26 11:48:48.750 Clock Phase: 0 usec. max allowed=50000  
 2015-02-26 11:48:48.750 Boom positions:  
 2015-02-26 11:48:48.750 Ch1: -3 ch2: -3 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2015-02-26 11:48:48.750 Analog Status  
 2015-02-26 11:48:48.750 Analog Positive Supply: 5.46v  
 2015-02-26 11:48:48.750 Input Voltage: 13.05V  
 2015-02-26 11:48:48.750 System Temperature: 5C  
 2015-02-26 11:48:48.750 Main Current: 62ma  
 2015-02-26 11:48:48.750 Antenna Current: 0ma  
 2015-02-26 11:48:48.750 GPS Status  
 2015-02-26 11:48:48.750 Time: 11:48:46  
 2015-02-26 11:48:48.750 Date:  
 2015-02-26 11:48:48.750 Fix Type: 1-D  
 2015-02-26 11:48:48.750 Height:  
 2015-02-26 11:48:48.750 Latitude:  
 2015-02-26 11:48:48.750 Longitude:  
 2015-02-26 11:48:48.750 On Time: 0min  
 2015-02-26 11:48:48.750 Sat. Used: 0  
 2015-02-26 11:48:48.750 In View: 0  
 2015-02-26 11:48:48.750 Checksum Errors: 0  
 2015-02-26 11:48:48.750 Last GPS timemark: 2015-02-26 11:48:45  
 2015-02-26 11:48:48.750 PLL Status  
 2015-02-26 11:48:48.750 State: Lock  
 2015-02-26 11:48:48.750 Initial VCO: 2202.174561  
 2015-02-26 11:48:48.750 Time Error: -0.000001  
 2015-02-26 11:48:48.750 RMS VCO: 0.0000000  
 2015-02-26 11:48:48.750 Best VCO: 2202.24  
 2015-02-26 11:48:48.750 Seconds Since Track or Lock: 0.0  
 2015-02-26 11:48:48.750 Vco Control: 2202  
 2015-02-26 11:48:48.750 timing mode: external seascan  
 2015-02-26 11:48:48.750 tempco normal  
 2015-02-26 11:48:48.750 PLL update: 10s PLL lock criterion: 5us  
 2015-02-26 11:48:48.750 Pfrac: 150.00  
 2015-02-26 11:48:48.750 VCO slope: -0.0175000  
 2015-02-26 11:48:48.750 VCO intercept: 7.1100001  
 2015-02-26 11:48:48.750 Km delta: 600.0000000  
 2015-02-26 11:48:48.750 Logical Port 4 Status  
 2015-02-26 11:48:48.750 Data Packets Sent: 33209901  
 2015-02-26 11:48:48.750 Flood Packets Sent: 0

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2015-02-26 11:48:48.750 Packets Re-Sent: 52054  
 2015-02-26 11:48:48.750 Sequence Errors: 0  
 2015-02-26 11:48:48.750 Packet Buffer Used: 22332780  
 2015-02-26 11:48:48.750 Physical Port: Ethernet  
 2015-02-26 11:48:48.750 Baler Model: 14 Software Version: 2.28  
 2015-02-26 11:48:48.750 MAC Address: 00:04:FB:00:02:EA  
 2015-02-26 11:48:48.750 Disk Size: 20000669696  
 2015-02-26 11:48:48.750 Percent of 1177 data files in use: 62.4  
 2015-02-26 11:48:48.750 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-26 11:48:48.750 Channel Sensitivities (uV per count):  
 2015-02-26 11:48:48.750 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-26 11:48:48.750 Digitizer Calibration Results:  
 2015-02-26 11:48:48.750 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-26 11:48:48.750 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-26 11:48:48.750 DMU1 Software Version=10  
 2015-02-26 11:48:48.750 Supply Voltage=12.7  
 2015-02-26 11:48:48.750 Supply Current=0.41  
 2015-02-26 11:48:48.750 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-26 11:48:48.750 webLink Data Maps Restored  
 2015-02-26 11:48:48.750 [2015-02-25 23:46:05.000000] sequence resumes: 28158074 to 28158074  
 2015-02-26 11:48:48.750 [2015-02-26 00:00:00.000000] saving Configuration to Backup Memory  
 2015-02-26 11:48:48.750 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-26 11:48:47  
 2015-02-26 11:54:18.410 [2015-02-26 11:45:02.000000] total packets received: 47184  
 2015-02-26 11:54:18.410 [2015-02-26 11:45:02.000000] command timeouts: 6  
 2015-02-26 11:54:18.410 [2015-02-26 11:45:02.000000] out of window: 52  
 2015-02-26 11:54:18.410 written: HHZ-1161 HH1-1372 HH2-1371 BDH-445 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-02-26 11:54:18.410 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-26 LH2-27 LDH-33  
 VMZ-1 VM1-1  
 2015-02-26 11:54:18.410 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2  
 2015-02-26 11:54:18.410 [2015-02-26 11:45:02.000000] Done: 4497 recs. seq end: 28201211. run: 325 s  
 2015-02-26 23:55:11.740  
 2015-02-26 23:55:11.740 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-26 23:55:11.740 Control Port 2491 Opened  
 2015-02-26 23:55:11.740 Baler ready on Ethernet  
 2015-02-26 23:55:11.740 Power Cycled Baler Acknowledged  
 2015-02-26 23:55:11.740 Commands Accepted by Q330  
 2015-02-26 23:55:11.740 Access timeout: 300 sec  
 2015-02-26 23:55:11.740 Control Port 4023 Opened  
 2015-02-26 23:55:11.740 Data Port 4024 Opened  
 2015-02-26 23:55:11.740 Registered with Q330  
 2015-02-26 23:55:11.740 Combination Record Received  
 2015-02-26 23:55:11.740 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-26 23:55:11.740 Link Reset, starting window sequence: 26863  
 2015-02-26 23:55:11.740 GPS Receiver ID Received  
 2015-02-26 23:55:11.740 Manufacturer's Data Received, Property Tag=2017  
 2015-02-26 23:55:11.740 Digitizer Gain & Offsets Received  
 2015-02-26 23:55:11.740 Msg From 192.168.200.119:Baler XX-2017 readback. 4497 recs. seq end: 28201211  
 2015-02-26 23:55:11.740 Baler clock set to 2015-02-26 23:55:10  
 2015-02-26 23:55:11.740 Starting to Read DP Tokens  
 2015-02-26 23:55:11.740 DP Tokens loaded, size=1474 bytes  
 2015-02-26 23:55:11.740 webserver advertising 192.168.200.119:5380  
 2015-02-26 23:55:11.740 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-02-26 23:55:11.740 filters & delay HH1:2@100,Linear all=0.320000  
 2015-02-26 23:55:11.740 filters & delay HH2:3@100,Linear all=0.320000  
 2015-02-26 23:55:11.740 filters & delay BDH:4@20,Linear all=1.650000  
 2015-02-26 23:55:11.740 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-02-26 23:55:11.740 filters & delay LH1:2@1,Linear all=15.000000

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2015-02-26 23:55:11.740 filters & delay LH2:3@1,Linear all=15.000000
2015-02-26 23:55:11.740 filters & delay LDH:4@1,Linear all=15.000000
2015-02-26 23:55:11.740 [2015-02-26 11:45:02.000000] continuity found: 28201211
478266302.000000 Q=100
2015-02-26 23:55:11.740 [2015-02-26 11:45:02.000000] restoring continuity
2015-02-26 23:55:11.740 Sending DT_OPEN
2015-02-26 23:55:11.740 Station: XX-2017
2015-02-26 23:55:11.740 Q330 Serial Number: 0100000DB18FC351
2015-02-26 23:55:11.740 AMB Serial Number: 0100000B6909DD82
2015-02-26 23:55:11.740 Seismo 1 Serial Number: 0000000000000000
2015-02-26 23:55:11.740 Seismo 2 Serial Number: 0000000000000000
2015-02-26 23:55:11.740 QAPCHP 1 Serial Number: 4643206
2015-02-26 23:55:11.740 QAPCHP 2 Serial Number: 3743050
2015-02-26 23:55:11.740 KMI Property Tag Number: 2017
2015-02-26 23:55:11.740 System Software Version: 1.146
2015-02-26 23:55:11.740 Slave Processor Version: 1.11
2015-02-26 23:55:11.740 Calibrator Type: QCAL330
2015-02-26 23:55:11.740 Calibrator Version: 1.8
2015-02-26 23:55:11.740 Auxiliary Board Type: None
2015-02-26 23:55:11.740 Clock Type: Motorola M12
2015-02-26 23:55:11.740 PLD Version: 7.9
2015-02-26 23:55:11.740 Total Hours: 72988.52
2015-02-26 23:55:11.740 Power On Hours: 37618.91
2015-02-26 23:55:11.740 Time of Last Boot: 2014-04-06 02:03:58
2015-02-26 23:55:11.740 Total Number of Boots: 120
2015-02-26 23:55:11.740 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-26 23:55:11.740 Total Number of Re-Syncs: 213
2015-02-26 23:55:11.740 Status Inputs: 00000000
2015-02-26 23:55:11.740 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-26 23:55:11.740 Clock Quality: 100%
2015-02-26 23:55:11.740 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-26 23:55:11.740 Clock Phase: 0 usec. max allowed=50000
2015-02-26 23:55:11.740 Boom positions:
2015-02-26 23:55:11.740 ch1: -3 ch2: -3 ch3: 13 ch4: 20 ch5: 20 ch6: 20
2015-02-26 23:55:11.740 Analog Status
2015-02-26 23:55:11.740 Analog Positive Supply: 5.46V
2015-02-26 23:55:11.740 Input Voltage: 13.35V
2015-02-26 23:55:11.740 System Temperature: 5C
2015-02-26 23:55:11.740 Main Current: 62ma
2015-02-26 23:55:11.740 Antenna Current: 0ma
2015-02-26 23:55:11.740 GPS Status
2015-02-26 23:55:11.740 Time: 23:55:10
2015-02-26 23:55:11.740 Date:
2015-02-26 23:55:11.740 Fix Type: 1-D
2015-02-26 23:55:11.740 Height:
2015-02-26 23:55:11.740 Latitude:
2015-02-26 23:55:11.740 Longitude:
2015-02-26 23:55:11.740 On Time: 0min
2015-02-26 23:55:11.740 Sat. Used: 0
2015-02-26 23:55:11.740 In View: 0
2015-02-26 23:55:11.740 Checksum Errors: 0
2015-02-26 23:55:11.740 PLL Status
2015-02-26 23:55:11.740 State: Lock
2015-02-26 23:55:11.740 Initial VCO: 2202.054688
2015-02-26 23:55:11.740 Time Error: 0.000000
2015-02-26 23:55:11.740 RMS VCO: 0.0000000
2015-02-26 23:55:11.740 Best VCO: 2202.04
2015-02-26 23:55:11.740 Seconds Since Track or Lock: 0.0
2015-02-26 23:55:11.740 Vco Control: 2202
2015-02-26 23:55:11.740 timing mode: external seascan
2015-02-26 23:55:11.740 tempco normal
2015-02-26 23:55:11.740 PLL update: 10s PLL lock criterion: 5us
2015-02-26 23:55:11.740 Pfrac: 150.00

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2015-02-26 23:55:11.740 VCO slope: -0.0175000  
 2015-02-26 23:55:11.740 VCO intercept: 7.1100001  
 2015-02-26 23:55:11.740 Km delta: 600.0000000  
 2015-02-26 23:55:11.740 Logical Port 4 Status  
 2015-02-26 23:55:11.740 Data Packets Sent: 33257003  
 2015-02-26 23:55:11.740 Flood Packets Sent: 0  
 2015-02-26 23:55:11.740 Packets Re-Sent: 52128  
 2015-02-26 23:55:11.740 Sequence Errors: 0  
 2015-02-26 23:55:11.740 Packet Buffer Used: 26326776  
 2015-02-26 23:55:11.740 Physical Port: Ethernet  
 2015-02-26 23:55:11.740 Baler Model: 14 Software Version: 2.28  
 2015-02-26 23:55:11.740 MAC Address: 00:04:FB:00:02:EA  
 2015-02-26 23:55:11.740 Disk Size: 20000669696  
 2015-02-26 23:55:11.740 Percent of 1177 data files in use: 62.5  
 2015-02-26 23:55:11.740 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-26 23:55:11.740 Channel sensitivities (uV per count):  
 2015-02-26 23:55:11.740 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-26 23:55:11.740 Digitizer Calibration Results:  
 2015-02-26 23:55:11.740 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-26 23:55:11.740 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-26 23:55:11.740 DMU1 Software Version=10  
 2015-02-26 23:55:11.740 Supply Voltage=12.7  
 2015-02-26 23:55:11.740 Supply Current=0.41  
 2015-02-26 23:55:11.740 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-26 23:55:11.740 WebLink Data Maps Restored  
 2015-02-26 23:55:11.740 [2015-02-26 11:45:02.000000] sequence resumes overlapping:  
 28201211 to 28201210  
 2015-02-26 23:55:11.740 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-02-26 23:55:10  
 2015-02-27 00:01:58.630 [2015-02-27 00:00:00.000000] saving Configuration to Backup  
 Memory  
 2015-02-27 00:01:58.630 [2015-02-27 00:01:55.999998] total packets received: 85408  
 2015-02-27 00:01:58.630 [2015-02-27 00:01:55.999998] command timeouts: 6  
 2015-02-27 00:01:58.630 [2015-02-27 00:01:55.999998] out of window: 75  
 2015-02-27 00:01:58.630 written: HHZ-1439 HH1-1693 HH2-1750 BDH-468 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-02-27 00:01:58.630 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-34 LH1-42 LH2-43 LDH-46  
 VMZ-2 VM1-2  
 2015-02-27 00:01:58.630 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-3  
 2015-02-27 00:01:58.630 [2015-02-27 00:01:55.999998] Done: 5565 recs. seq end:  
 28245425. run: 405 s  
 2015-02-27 12:02:54.770  
 2015-02-27 12:02:54.770 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-02-27 12:02:54.770 Control Port 2491 Opened  
 2015-02-27 12:02:54.770 Baler ready on Ethernet  
 2015-02-27 12:02:54.770 Power Cycled Baler Acknowledged  
 2015-02-27 12:02:54.770 Commands Accepted by Q330  
 2015-02-27 12:02:54.770 Access timeout: 300 sec  
 2015-02-27 12:02:54.770 Control Port 4023 Opened  
 2015-02-27 12:02:54.770 Data Port 4024 Opened  
 2015-02-27 12:02:54.770 Registered with Q330  
 2015-02-27 12:02:54.770 Combination Record Received  
 2015-02-27 12:02:54.770 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-02-27 12:02:54.770 Link Reset, starting window sequence: 46619  
 2015-02-27 12:02:54.770 GPS Receiver ID Received  
 2015-02-27 12:02:54.770 Manufacturer's Data Received, Property Tag=2017  
 2015-02-27 12:02:54.770 Digitizer Gain & Offsets Received  
 2015-02-27 12:02:54.770 Msg From 192.168.200.119:Baler XX-2017 readback. 5565 recs.  
 seq end: 28245425  
 2015-02-27 12:02:54.770 Baler clock set to 2015-02-27 12:02:53  
 2015-02-27 12:02:54.770 Starting to Read DP Tokens  
 2015-02-27 12:02:54.770 DP Tokens loaded, size=1474 bytes  
 2015-02-27 12:02:54.770 webserver advertising 192.168.200.119:5380



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2015-02-27 12:02:54.770 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-27 12:02:54.770 filters & delay HH1:2@100,Linear all=0.320000
2015-02-27 12:02:54.770 filters & delay HH2:3@100,Linear all=0.320000
2015-02-27 12:02:54.770 filters & delay BDH:4@20,Linear all=1.650000
2015-02-27 12:02:54.770 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-27 12:02:54.770 filters & delay LH1:2@1,Linear all=15.000000
2015-02-27 12:02:54.770 filters & delay LH2:3@1,Linear all=15.000000
2015-02-27 12:02:54.770 filters & delay LDH:4@1,Linear all=15.000000
2015-02-27 12:02:54.770 [2015-02-27 00:01:55.999998] continuity found: 28245425
478310516.000000 Q=100
2015-02-27 12:02:54.770 [2015-02-27 00:01:55.999998] restoring continuity
2015-02-27 12:02:54.770 Sending DT_OPEN
2015-02-27 12:02:54.770 Station: XX-2017
2015-02-27 12:02:54.770 Q330 Serial Number: 0100000DB18FC351
2015-02-27 12:02:54.770 AMB Serial Number: 0100000B6909DD82
2015-02-27 12:02:54.770 Seismo 1 Serial Number: 0000000000000000
2015-02-27 12:02:54.770 Seismo 2 Serial Number: 0000000000000000
2015-02-27 12:02:54.770 QAPCHP 1 Serial Number: 4643206
2015-02-27 12:02:54.770 QAPCHP 2 Serial Number: 3743050
2015-02-27 12:02:54.770 KMI Property Tag Number: 2017
2015-02-27 12:02:54.770 System Software Version: 1.146
2015-02-27 12:02:54.770 Slave Processor Version: 1.11
2015-02-27 12:02:54.770 Calibrator Type: QCAL330
2015-02-27 12:02:54.770 Calibrator Version: 1.8
2015-02-27 12:02:54.770 Auxiliary Board Type: None
2015-02-27 12:02:54.770 Clock Type: Motorola M12
2015-02-27 12:02:54.770 PLD Version: 7.9
2015-02-27 12:02:54.770 Total Hours: 73000.65
2015-02-27 12:02:54.770 Power On Hours: 37631.04
2015-02-27 12:02:54.770 Time of Last Boot: 2014-04-06 02:03:58
2015-02-27 12:02:54.770 Total Number of Boots: 120
2015-02-27 12:02:54.770 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-27 12:02:54.770 Total Number of Re-Syncs: 213
2015-02-27 12:02:54.770 Status Inputs: 00000000
2015-02-27 12:02:54.770 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-27 12:02:54.770 Clock Quality: 100%
2015-02-27 12:02:54.770 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-27 12:02:54.770 Clock Phase: 0 usec. max allowed=50000
2015-02-27 12:02:54.770 Boom positions:
2015-02-27 12:02:54.770 ch1: -3 ch2: -3 ch3: 15 ch4: 20 ch5: 20 ch6: 20
2015-02-27 12:02:54.770 Analog Status
2015-02-27 12:02:54.770 Analog Positive Supply: 5.46V
2015-02-27 12:02:54.770 Input Voltage: 13.35V
2015-02-27 12:02:54.770 System Temperature: 5C
2015-02-27 12:02:54.770 Main Current: 62ma
2015-02-27 12:02:54.770 Antenna Current: 0ma
2015-02-27 12:02:54.770 GPS Status
2015-02-27 12:02:54.770 Time: 12:02:53
2015-02-27 12:02:54.770 Date:
2015-02-27 12:02:54.770 Fix Type: 1-D
2015-02-27 12:02:54.770 Height:
2015-02-27 12:02:54.770 Latitude:
2015-02-27 12:02:54.770 Longitude:
2015-02-27 12:02:54.770 On Time: 0min
2015-02-27 12:02:54.770 Sat. Used: 0
2015-02-27 12:02:54.770 In View: 0
2015-02-27 12:02:54.770 Checksum Errors: 0
2015-02-27 12:02:54.770 Last GPS timemark: 2015-02-27 12:02:52
2015-02-27 12:02:54.770 PLL Status
2015-02-27 12:02:54.770 State: Lock
2015-02-27 12:02:54.770 Initial VCO: 2202.125244
2015-02-27 12:02:54.770 Time Error: 0.000000
2015-02-27 12:02:54.770 RMS VCO: 0.0000000

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2015-02-27 12:02:54.770 Best VCO: 2202.12
2015-02-27 12:02:54.770 Seconds Since Track or Lock: 0.0
2015-02-27 12:02:54.770 Vco Control: 2202
2015-02-27 12:02:54.770 timing mode: external seascan
2015-02-27 12:02:54.770 tempco normal
2015-02-27 12:02:54.770 PLL update: 10s PLL lock criterion: 5us
2015-02-27 12:02:54.770 Pfrac: 150.00
2015-02-27 12:02:54.770 VCO slope: -0.0175000
2015-02-27 12:02:54.770 VCO intercept: 7.1100001
2015-02-27 12:02:54.770 km delta: 600.0000000
2015-02-27 12:02:54.770 Logical Port 4 Status
2015-02-27 12:02:54.770 Data Packets Sent: 33342302
2015-02-27 12:02:54.770 Flood Packets Sent: 0
2015-02-27 12:02:54.770 Packets Re-Sent: 52222
2015-02-27 12:02:54.770 Sequence Errors: 0
2015-02-27 12:02:54.770 Packet Buffer Used: 26130340
2015-02-27 12:02:54.770 Physical Port: Ethernet
2015-02-27 12:02:54.770 Baler Model: 14 Software Version: 2.28
2015-02-27 12:02:54.770 MAC Address: 00:04:FB:00:02:EA
2015-02-27 12:02:54.770 Disk Size: 20000669696
2015-02-27 12:02:54.770 Percent of 1177 data files in use: 62.5
2015-02-27 12:02:54.770 Channels Enabled: 1234 Preamps ON channels:
2015-02-27 12:02:54.770 Channel Sensitivities (uV per count):
2015-02-27 12:02:54.770 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-27 12:02:54.770 Digitizer Calibration Results:
2015-02-27 12:02:54.770 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-27 12:02:54.770 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-27 12:02:54.770 DMU1 Software Version=10
2015-02-27 12:02:54.770 Supply Voltage=12.7
2015-02-27 12:02:54.770 Supply Current=0.40
2015-02-27 12:02:54.770 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-27 12:02:54.770 webLink Data Maps Restored
2015-02-27 12:02:54.770 [2015-02-27 00:01:55.999998] sequence resumes overlapping:
28245425 to 28245424
2015-02-27 12:02:54.770 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-27 12:02:53
2015-02-27 12:09:43.690 [2015-02-27 12:02:04.000000] total packets received: 83832
2015-02-27 12:09:43.690 [2015-02-27 12:02:04.000000] command timeouts: 6
2015-02-27 12:09:43.690 [2015-02-27 12:02:04.000000] out of window: 82
2015-02-27 12:09:43.690 written: HHZ-1442 HH1-1671 HH2-1688 BDH-460 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-02-27 12:09:43.690 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-37 LH1-43 LH2-42 LDH-46
VMZ-2 VM1-2
2015-02-27 12:09:43.690 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-02-27 12:09:43.690 [2015-02-27 12:02:04.000000] Done: 5478 recs. seq end:
28288633. run: 405 s
2015-02-28 00:10:34.770
2015-02-28 00:10:34.770 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-28 00:10:34.770 Control Port 2491 Opened
2015-02-28 00:10:34.770 Baler ready on Ethernet
2015-02-28 00:10:34.770 Power Cycled Baler Acknowledged
2015-02-28 00:10:34.770 Commands Accepted by Q330
2015-02-28 00:10:34.770 Access timeout: 300 sec
2015-02-28 00:10:34.770 Control Port 4023 Opened
2015-02-28 00:10:34.770 Data Port 4024 Opened
2015-02-28 00:10:34.770 Registered with Q330
2015-02-28 00:10:34.770 Combination Record Received
2015-02-28 00:10:34.770 window=4 Min. Timeout=10 Max. Timeout=30
2015-02-28 00:10:34.770 Link Reset, starting window sequence: 64792
2015-02-28 00:10:34.770 GPS Receiver ID Received
2015-02-28 00:10:34.770 Manufacturer's Data Received, Property Tag=2017
2015-02-28 00:10:34.770 Digitizer Gain & Offsets Received
2015-02-28 00:10:34.770 Msg From 192.168.200.119:Baler XX-2017 readback. 5478 recs.

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seq end: 28288633
2015-02-28 00:10:34.770 Baler clock set to 2015-02-28 00:10:33
2015-02-28 00:10:34.770 Starting to Read DP Tokens
2015-02-28 00:10:34.770 DP Tokens loaded, size=1474 bytes
2015-02-28 00:10:34.770 webserver advertising 192.168.200.119:5380
2015-02-28 00:10:34.770 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-28 00:10:34.770 filters & delay HH1:2@100,Linear all=0.320000
2015-02-28 00:10:34.770 filters & delay HH2:3@100,Linear all=0.320000
2015-02-28 00:10:34.770 filters & delay BDH:4@20,Linear all=1.650000
2015-02-28 00:10:34.770 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-28 00:10:34.770 filters & delay LH1:2@1,Linear all=15.000000
2015-02-28 00:10:34.770 filters & delay LH2:3@1,Linear all=15.000000
2015-02-28 00:10:34.770 [2015-02-27 12:02:04.000000] continuity found: 28288633
478353724.000000 Q=100
2015-02-28 00:10:34.770 [2015-02-27 12:02:04.000000] restoring continuity
2015-02-28 00:10:34.770 Sending DT_OPEN
2015-02-28 00:10:34.770 Station: XX-2017
2015-02-28 00:10:34.770 Q330 Serial Number: 0100000DB18FC351
2015-02-28 00:10:34.770 AMB Serial Number: 0100000B6909DD82
2015-02-28 00:10:34.770 Seismo 1 Serial Number: 0000000000000000
2015-02-28 00:10:34.770 Seismo 2 Serial Number: 0000000000000000
2015-02-28 00:10:34.770 QAPCHP 1 Serial Number: 4643206
2015-02-28 00:10:34.770 QAPCHP 2 Serial Number: 3743050
2015-02-28 00:10:34.770 KMI Property Tag Number: 2017
2015-02-28 00:10:34.770 System Software Version: 1.146
2015-02-28 00:10:34.770 Slave Processor Version: 1.11
2015-02-28 00:10:34.770 Calibrator Type: QCAL330
2015-02-28 00:10:34.770 Calibrator Version: 1.8
2015-02-28 00:10:34.770 Auxiliary Board Type: None
2015-02-28 00:10:34.770 Clock Type: Motorola M12
2015-02-28 00:10:34.770 PLD Version: 7.9
2015-02-28 00:10:34.770 Total Hours: 73012.78
2015-02-28 00:10:34.770 Power On Hours: 37643.16
2015-02-28 00:10:34.770 Time of Last Boot: 2014-04-06 02:03:58
2015-02-28 00:10:34.770 Total Number of Boots: 120
2015-02-28 00:10:34.770 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-28 00:10:34.770 Total Number of Re-Syncs: 213
2015-02-28 00:10:34.770 Status Inputs: 00000000
2015-02-28 00:10:34.770 AC OK: Off, Input 1,2: off,off, Analog Fault: off
2015-02-28 00:10:34.770 Clock Quality: 100%
2015-02-28 00:10:34.770 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-28 00:10:34.770 Clock Phase: 1 usec. max allowed=50000
2015-02-28 00:10:34.770 Boom positions:
2015-02-28 00:10:34.770 Ch1: -3 Ch2: -3 Ch3: 16 Ch4: 20 Ch5: 20 Ch6: 20
2015-02-28 00:10:34.770 Analog Status
2015-02-28 00:10:34.770 Analog Positive Supply: 5.46V
2015-02-28 00:10:34.770 Input Voltage: 13.35V
2015-02-28 00:10:34.770 System Temperature: 5C
2015-02-28 00:10:34.770 Main Current: 63ma
2015-02-28 00:10:34.770 Antenna Current: 0ma
2015-02-28 00:10:34.770 GPS Status
2015-02-28 00:10:34.770 Time: 00:10:33
2015-02-28 00:10:34.770 Date:
2015-02-28 00:10:34.770 Fix Type: 1-D
2015-02-28 00:10:34.770 Height:
2015-02-28 00:10:34.770 Latitude:
2015-02-28 00:10:34.770 Longitude:
2015-02-28 00:10:34.770 On Time: 0min
2015-02-28 00:10:34.770 Sat. Used: 0
2015-02-28 00:10:34.770 In View: 0
2015-02-28 00:10:34.770 Checksum Errors: 0
2015-02-28 00:10:34.770 Last GPS timemark: 2015-02-28 00:10:32
2015-02-28 00:10:34.770 PLL Status

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2015-02-28 00:10:34.770 State: Lock
2015-02-28 00:10:34.770 Initial VCO: 2202.102783
2015-02-28 00:10:34.770 Time Error: 0.000000
2015-02-28 00:10:34.770 RMS VCO: 0.0000000
2015-02-28 00:10:34.770 Best VCO: 2202.03
2015-02-28 00:10:34.770 Seconds Since Track or Lock: 0.0
2015-02-28 00:10:34.770 Vco Control: 2202
2015-02-28 00:10:34.770 timing mode: external seascan
2015-02-28 00:10:34.770 tempco normal
2015-02-28 00:10:34.770 PLL update: 10s PLL lock criterion: 5us
2015-02-28 00:10:34.770 Pfrac: 150.00
2015-02-28 00:10:34.770 VCO slope: -0.0175000
2015-02-28 00:10:34.770 VCO intercept: 7.1100001
2015-02-28 00:10:34.770 Km delta: 600.0000000
2015-02-28 00:10:34.770 Logical Port 4 Status
2015-02-28 00:10:34.770 Data Packets Sent: 33426018
2015-02-28 00:10:34.770 Flood Packets Sent: 0
2015-02-28 00:10:34.770 Packets Re-Sent: 52322
2015-02-28 00:10:34.770 Sequence Errors: 0
2015-02-28 00:10:34.770 Packet Buffer Used: 24614944
2015-02-28 00:10:34.770 Physical Port: Ethernet
2015-02-28 00:10:34.770 Baler Model: 14 Software Version: 2.28
2015-02-28 00:10:34.770 MAC Address: 00:04:FB:00:02:EA
2015-02-28 00:10:34.770 Disk Size: 20000669696
2015-02-28 00:10:34.770 Percent of 1177 data files in use: 62.7
2015-02-28 00:10:34.770 Channels Enabled: 1234 Preamps ON channels:
2015-02-28 00:10:34.770 Channel Sensitivities (uV per count):
2015-02-28 00:10:34.770 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-02-28 00:10:34.770 Digitizer Calibration Results:
2015-02-28 00:10:34.770 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-02-28 00:10:34.770 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-02-28 00:10:34.770 DMU1 Software Version=10
2015-02-28 00:10:34.770 Supply Voltage=12.6
2015-02-28 00:10:34.770 Supply Current=0.41
2015-02-28 00:10:34.770 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-02-28 00:10:34.770 WebLink Data Maps Restored
2015-02-28 00:10:34.770 [2015-02-27 12:02:04.000000] sequence resumes overlapping:
28288633 to 28288632
2015-02-28 00:10:34.770 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-02-28 00:10:33
2015-02-28 00:16:44.310 [2015-02-28 00:00:00.000000] Saving Configuration to Backup
Memory
2015-02-28 00:16:44.310 Reducing Status Polling Interval
2015-02-28 00:16:44.310 [2015-02-28 00:16:52.999998] total packets received: 74644
2015-02-28 00:16:44.310 [2015-02-28 00:16:52.999998] command timeouts: 6
2015-02-28 00:16:44.310 [2015-02-28 00:16:52.999998] out of window: 60
2015-02-28 00:16:44.310 written: HHZ-1326 HH1-1563 HH2-1582 BDH-463 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-02-28 00:16:44.310 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-28 LH1-35 LH2-36 LDH-44
VMZ-1 VM1-1
2015-02-28 00:16:44.310 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-3
2015-02-28 00:16:44.310 [2015-02-28 00:16:52.999998] Done: 5116 recs. seq end:
28332722. run: 376 s
2015-02-28 12:17:49.780
2015-02-28 12:17:49.780 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-02-28 12:17:49.780 Control Port 2491 Opened
2015-02-28 12:17:49.780 Baler ready on Ethernet
2015-02-28 12:17:49.780 Power Cycled Baler Acknowledged
2015-02-28 12:17:49.780 Commands Accepted by Q330
2015-02-28 12:17:49.780 Access timeout: 300 sec
2015-02-28 12:17:49.780 Control Port 4023 Opened
2015-02-28 12:17:49.780 Data Port 4024 Opened
2015-02-28 12:17:49.780 Registered with Q330

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2015-02-28 12:17:49.780 Combination Record Received
2015-02-28 12:17:49.780 Window=4 Min. Timeout=10 Max. Timeout=30
2015-02-28 12:17:49.780 Link Reset, starting window sequence: 8265
2015-02-28 12:17:49.780 GPS Receiver ID Received
2015-02-28 12:17:49.780 Manufacturer's Data Received, Property Tag=2017
2015-02-28 12:17:49.780 Digitizer Gain & Offsets Received
2015-02-28 12:17:49.780 Msg From 192.168.200.119:Baler XX-2017 readback. 5116 recs.
seq end: 28332722
2015-02-28 12:17:49.780 Baler clock set to 2015-02-28 12:17:48
2015-02-28 12:17:49.780 Starting to Read DP Tokens
2015-02-28 12:17:49.780 DP Tokens loaded, size=1474 bytes
2015-02-28 12:17:49.780 webserver advertising 192.168.200.119:5380
2015-02-28 12:17:49.780 filters & delay HHZ:1@100,Linear all=0.320000
2015-02-28 12:17:49.780 filters & delay HH1:2@100,Linear all=0.320000
2015-02-28 12:17:49.780 filters & delay HH2:3@100,Linear all=0.320000
2015-02-28 12:17:49.780 filters & delay BDH:4@20,Linear all=1.650000
2015-02-28 12:17:49.780 filters & delay LHZ:1@1,Linear all=15.000000
2015-02-28 12:17:49.780 filters & delay LH1:2@1,Linear all=15.000000
2015-02-28 12:17:49.780 filters & delay LH2:3@1,Linear all=15.000000
2015-02-28 12:17:49.780 filters & delay LDH:4@1,Linear all=15.000000
2015-02-28 12:17:49.780 [2015-02-28 00:16:52.999998] continuity found: 28332722
478397813.000000 Q=100
2015-02-28 12:17:49.780 [2015-02-28 00:16:52.999998] restoring continuity
2015-02-28 12:17:49.780 Sending DT_OPEN
2015-02-28 12:17:49.780 Station: XX-2017
2015-02-28 12:17:49.780 Q330 Serial Number: 0100000DB18FC351
2015-02-28 12:17:49.780 AMB Serial Number: 0100000B6909DD82
2015-02-28 12:17:49.780 Seismo 1 Serial Number: 0000000000000000
2015-02-28 12:17:49.780 Seismo 2 Serial Number: 0000000000000000
2015-02-28 12:17:49.780 QAPCHP 1 Serial Number: 4643206
2015-02-28 12:17:49.780 QAPCHP 2 Serial Number: 3743050
2015-02-28 12:17:49.780 KMI Property Tag Number: 2017
2015-02-28 12:17:49.780 System Software Version: 1.146
2015-02-28 12:17:49.780 Slave Processor Version: 1.11
2015-02-28 12:17:49.780 Calibrator Type: QCAL330
2015-02-28 12:17:49.780 Calibrator Version: 1.8
2015-02-28 12:17:49.780 Auxiliary Board Type: None
2015-02-28 12:17:49.780 Clock Type: Motorola M12
2015-02-28 12:17:49.780 PLD Version: 7.9
2015-02-28 12:17:49.780 Total Hours: 73024.90
2015-02-28 12:17:49.780 Power On Hours: 37655.29
2015-02-28 12:17:49.780 Time of Last Boot: 2014-04-06 02:03:58
2015-02-28 12:17:49.780 Total Number of Boots: 120
2015-02-28 12:17:49.780 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-02-28 12:17:49.780 Total Number of Re-Syncs: 213
2015-02-28 12:17:49.780 Status Inputs: 00000000
2015-02-28 12:17:49.780 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-02-28 12:17:49.780 Clock Quality: 100%
2015-02-28 12:17:49.780 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-02-28 12:17:49.780 Clock Phase: 0 usec. max allowed=50000
2015-02-28 12:17:49.780 Boom positions:
2015-02-28 12:17:49.780 ch1: -3 ch2: -3 ch3: 16 ch4: 20 ch5: 20 ch6: 20
2015-02-28 12:17:49.780 Analog Status
2015-02-28 12:17:49.780 Analog Positive Supply: 5.46V
2015-02-28 12:17:49.780 Input Voltage: 13.20V
2015-02-28 12:17:49.780 System Temperature: 5C
2015-02-28 12:17:49.780 Main Current: 62ma
2015-02-28 12:17:49.780 Antenna Current: 0ma
2015-02-28 12:17:49.780 GPS Status
2015-02-28 12:17:49.780 Time: 12:17:48
2015-02-28 12:17:49.780 Date:
2015-02-28 12:17:49.780 Fix Type: 1-D
2015-02-28 12:17:49.780 Height:

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2015-02-28 12:17:49.780 Latitude:  
 2015-02-28 12:17:49.780 Longitude:  
 2015-02-28 12:17:49.780 On Time: 0min  
 2015-02-28 12:17:49.780 Sat. Used: 0  
 2015-02-28 12:17:49.780 In View: 0  
 2015-02-28 12:17:49.780 Checksum Errors: 0  
 2015-02-28 12:17:49.780 Last GPS timemark: 2015-02-28 12:17:47  
 2015-02-28 12:17:49.780 PLL Status  
 2015-02-28 12:17:49.780 State: Lock  
 2015-02-28 12:17:49.780 Initial VCO: 2202.294922  
 2015-02-28 12:17:49.780 Time Error: 0.000000  
 2015-02-28 12:17:49.780 RMS VCO: 0.000000  
 2015-02-28 12:17:49.780 Best VCO: 2202.26  
 2015-02-28 12:17:49.780 Seconds Since Track or Lock: 0.0  
 2015-02-28 12:17:49.780 Vco Control: 2202  
 2015-02-28 12:17:49.780 timing mode: external seascan  
 2015-02-28 12:17:49.780 tempco normal  
 2015-02-28 12:17:49.780 PLL update: 10s PLL lock criterion: 5us  
 2015-02-28 12:17:49.780 Pfrac: 150.00  
 2015-02-28 12:17:49.780 VCO slope: -0.0175000  
 2015-02-28 12:17:49.780 VCO intercept: 7.1100001  
 2015-02-28 12:17:49.780 Km delta: 600.0000000  
 2015-02-28 12:17:49.780 Logical Port 4 Status  
 2015-02-28 12:17:49.780 Data Packets Sent: 33500569  
 2015-02-28 12:17:49.780 Flood Packets Sent: 0  
 2015-02-28 12:17:49.780 Packets Re-Sent: 52397  
 2015-02-28 12:17:49.780 Sequence Errors: 0  
 2015-02-28 12:17:49.780 Packet Buffer Used: 22688720  
 2015-02-28 12:17:49.780 Physical Port: Ethernet  
 2015-02-28 12:17:49.780 Baler Model: 14 Software Version: 2.28  
 2015-02-28 12:17:49.780 MAC Address: 00:04:FB:00:02:EA  
 2015-02-28 12:17:49.780 Disk Size: 20000669696  
 2015-02-28 12:17:49.780 Percent of 1177 data files in use: 62.8  
 2015-02-28 12:17:49.780 Channels Enabled: 1234 Preamps ON channels:  
 2015-02-28 12:17:49.780 Channel Sensitivities (uV per count):  
 2015-02-28 12:17:49.780 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-02-28 12:17:49.780 Digitizer Calibration Results:  
 2015-02-28 12:17:49.780 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-02-28 12:17:49.780 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-02-28 12:17:49.780 DMU1 Software Version=10  
 2015-02-28 12:17:49.780 Supply Voltage=12.6  
 2015-02-28 12:17:49.780 Supply Current=0.41  
 2015-02-28 12:17:49.780 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-02-28 12:17:49.780 [2015-02-28 00:16:52.999998] sequence resumes: 28332722 to  
 28332722  
 2015-02-28 12:17:49.780 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-02-28 12:17:48  
 2015-02-28 12:23:37.950 Reducing Status Polling Interval  
 2015-02-28 12:23:37.950 [2015-02-28 12:23:36.999998] total packets received: 52810  
 2015-02-28 12:23:37.950 [2015-02-28 12:23:36.999998] command timeouts: 6  
 2015-02-28 12:23:37.950 [2015-02-28 12:23:36.999998] out of window: 67  
 2015-02-28 12:23:37.950 written: HHZ-1172 HH1-1420 HH2-1450 BDH-452 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-02-28 12:23:37.950 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-26 LDH-34  
 VMZ-2 VM1-2  
 2015-02-28 12:23:37.950 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2015-02-28 12:23:37.950 [2015-02-28 12:23:36.999998] Done: 4650 recs. seq end:  
 28376326. run: 344 s  
 2015-03-01 00:24:32.710  
 2015-03-01 00:24:32.710 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-01 00:24:32.710 Control Port 2491 Opened  
 2015-03-01 00:24:32.710 Baler ready on Ethernet  
 2015-03-01 00:24:32.710 Power Cycled Baler Acknowledged

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2015-03-01 00:24:32.710 Commands Accepted by Q330
2015-03-01 00:24:32.710 Access timeout: 300 sec
2015-03-01 00:24:32.710 Control Port 4023 Opened
2015-03-01 00:24:32.710 Data Port 4024 Opened
2015-03-01 00:24:32.710 Registered with Q330
2015-03-01 00:24:32.710 Combination Record Received
2015-03-01 00:24:32.710 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-01 00:24:32.710 Link Reset, starting window sequence: 60972
2015-03-01 00:24:32.710 GPS Receiver ID Received
2015-03-01 00:24:32.710 Manufacturer's Data Received, Property Tag=2017
2015-03-01 00:24:32.710 Digitizer Gain & Offsets Received
2015-03-01 00:24:32.710 Msg From 192.168.200.119:Baler XX-2017 readback. 4650 recs.
seq end: 28376326
2015-03-01 00:24:32.710 Baler clock set to 2015-03-01 00:24:31
2015-03-01 00:24:32.710 Starting to Read DP Tokens
2015-03-01 00:24:32.710 DP Tokens loaded, size=1474 bytes
2015-03-01 00:24:32.710 Webserver advertising 192.168.200.119:5380
2015-03-01 00:24:32.710 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-01 00:24:32.710 filters & delay HH1:2@100,Linear all=0.320000
2015-03-01 00:24:32.710 filters & delay HH2:3@100,Linear all=0.320000
2015-03-01 00:24:32.710 filters & delay BDH:4@20,Linear all=1.650000
2015-03-01 00:24:32.710 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-01 00:24:32.710 filters & delay LH1:2@1,Linear all=15.000000
2015-03-01 00:24:32.710 filters & delay LH2:3@1,Linear all=15.000000
2015-03-01 00:24:32.710 filters & delay LDH:4@1,Linear all=15.000000
2015-03-01 00:24:32.710 [2015-02-28 12:23:36.999998] continuity found: 28376326
478441417.000000 Q=100
2015-03-01 00:24:32.710 [2015-02-28 12:23:36.999998] restoring continuity
2015-03-01 00:24:32.710 Sending DT_OPEN
2015-03-01 00:24:32.710 Station: XX-2017
2015-03-01 00:24:32.710 Q330 Serial Number: 0100000DB18FC351
2015-03-01 00:24:32.710 AMB Serial Number: 0100000B6909DD82
2015-03-01 00:24:32.710 Seismo 1 Serial Number: 0000000000000000
2015-03-01 00:24:32.710 Seismo 2 Serial Number: 0000000000000000
2015-03-01 00:24:32.710 QAPCHP 1 Serial Number: 4643206
2015-03-01 00:24:32.710 QAPCHP 2 Serial Number: 3743050
2015-03-01 00:24:32.710 KMI Property Tag Number: 2017
2015-03-01 00:24:32.710 System Software Version: 1.146
2015-03-01 00:24:32.710 Slave Processor Version: 1.11
2015-03-01 00:24:32.710 Calibrator Type: QCAL330
2015-03-01 00:24:32.710 Calibrator Version: 1.8
2015-03-01 00:24:32.710 Auxiliary Board Type: None
2015-03-01 00:24:32.710 Clock Type: Motorola M12
2015-03-01 00:24:32.710 PLD Version: 7.9
2015-03-01 00:24:32.710 Total Hours: 73037.01
2015-03-01 00:24:32.710 Power On Hours: 37667.40
2015-03-01 00:24:32.710 Time of Last Boot: 2014-04-06 02:03:58
2015-03-01 00:24:32.710 Total Number of Boots: 120
2015-03-01 00:24:32.710 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-01 00:24:32.710 Total Number of Re-Syncs: 213
2015-03-01 00:24:32.710 Status Inputs: 00000000
2015-03-01 00:24:32.710 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-01 00:24:32.710 Clock Quality: 100%
2015-03-01 00:24:32.710 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-01 00:24:32.710 Clock Phase: 0 usec. max allowed=50000
2015-03-01 00:24:32.710 Boom positions:
2015-03-01 00:24:32.710 Ch1: -3 Ch2: -4 Ch3: 17 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-01 00:24:32.710 Analog Status
2015-03-01 00:24:32.710 Analog Positive Supply: 5.44V
2015-03-01 00:24:32.710 Input Voltage: 13.35V
2015-03-01 00:24:32.710 System Temperature: 5C
2015-03-01 00:24:32.710 Main Current: 62ma
2015-03-01 00:24:32.710 Antenna Current: 0ma

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2015-03-01 00:24:32.710 GPS Status  
 2015-03-01 00:24:32.710 Time: 00:24:31  
 2015-03-01 00:24:32.710 Date:  
 2015-03-01 00:24:32.710 Fix Type: 1-D  
 2015-03-01 00:24:32.710 Height:  
 2015-03-01 00:24:32.710 Latitude:  
 2015-03-01 00:24:32.710 Longitude:  
 2015-03-01 00:24:32.710 On Time: 0min  
 2015-03-01 00:24:32.710 Sat. Used: 0  
 2015-03-01 00:24:32.710 In View: 0  
 2015-03-01 00:24:32.710 Checksum Errors: 0  
 2015-03-01 00:24:32.710 Last GPS timemark: 2015-03-01 00:24:30  
 2015-03-01 00:24:32.710 PLL Status  
 2015-03-01 00:24:32.710 State: Lock  
 2015-03-01 00:24:32.710 Intitial VCO: 2201.999756  
 2015-03-01 00:24:32.710 Time Error: 0.000000  
 2015-03-01 00:24:32.710 RMS VCO: 0.0000000  
 2015-03-01 00:24:32.710 Best VCO: 2202.00  
 2015-03-01 00:24:32.710 Seconds Since Track or Lock: 0.0  
 2015-03-01 00:24:32.710 Vco Control: 2202  
 2015-03-01 00:24:32.710 timing mode: external seascan  
 2015-03-01 00:24:32.710 tempco normal  
 2015-03-01 00:24:32.710 PLL update: 10s PLL lock criterion: 5us  
 2015-03-01 00:24:32.710 Pfrac: 150.00  
 2015-03-01 00:24:32.710 VCO slope: -0.0175000  
 2015-03-01 00:24:32.710 VCO intercept: 7.1100001  
 2015-03-01 00:24:32.710 km delta: 600.0000000  
 2015-03-01 00:24:32.710 Logical Port 4 Status  
 2015-03-01 00:24:32.710 Data Packets Sent: 33553281  
 2015-03-01 00:24:32.710 Flood Packets Sent: 0  
 2015-03-01 00:24:32.710 Packets Re-Sent: 52479  
 2015-03-01 00:24:32.710 Sequence Errors: 0  
 2015-03-01 00:24:32.710 Packet Buffer Used: 22399528  
 2015-03-01 00:24:32.710 Physical Port: Ethernet  
 2015-03-01 00:24:32.710 Baler Model: 14 Software Version: 2.28  
 2015-03-01 00:24:32.710 MAC Address: 00:04:FB:00:02:EA  
 2015-03-01 00:24:32.710 Disk Size: 20000669696  
 2015-03-01 00:24:32.710 Percent of 1177 data files in use: 62.8  
 2015-03-01 00:24:32.710 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-01 00:24:32.710 Channel Sensitivities (uV per count):  
 2015-03-01 00:24:32.710 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-01 00:24:32.710 Digitizer Calibration Results:  
 2015-03-01 00:24:32.710 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-01 00:24:32.710 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-01 00:24:32.710 DMU1 Software Version=10  
 2015-03-01 00:24:32.710 Supply Voltage=12.6  
 2015-03-01 00:24:32.710 Supply Current=0.41  
 2015-03-01 00:24:32.710 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-01 00:24:32.710 webLink Data Maps Restored  
 2015-03-01 00:24:32.710 [2015-02-28 12:23:36.999998] sequence resumes: 28376326 to  
 28376326  
 2015-03-01 00:24:32.710 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-01 00:24:31  
 2015-03-01 00:25:48.560 Reducing Status Polling Interval  
 2015-03-01 00:29:54.300 [2015-03-01 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-03-01 00:29:54.300 [2015-03-01 00:26:44.000000] total packets received: 50328  
 2015-03-01 00:29:54.300 [2015-03-01 00:26:44.000000] command timeouts: 6  
 2015-03-01 00:29:54.300 [2015-03-01 00:26:44.000000] out of window: 62  
 2015-03-01 00:29:54.300 written: HHZ-1169 HH1-1385 HH2-1401 BDH-448 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-01 00:29:54.300 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-28  
 VMZ-2 VM1-2



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2015-03-01 00:29:54.300 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-01 00:29:54.300 [2015-03-01 00:26:44.000000] Done: 4553 recs. seq end:
28419713. run: 330 s
2015-03-01 12:31:01.800
2015-03-01 12:31:01.800 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-01 12:31:01.800 Control Port 2491 Opened
2015-03-01 12:31:01.800 Baler ready on Ethernet
2015-03-01 12:31:01.800 Power Cycled Baler Acknowledged
2015-03-01 12:31:01.800 Commands Accepted by Q330
2015-03-01 12:31:01.800 Access timeout: 300 sec
2015-03-01 12:31:01.800 Control Port 4023 Opened
2015-03-01 12:31:01.800 Data Port 4024 Opened
2015-03-01 12:31:01.800 Registered with Q330
2015-03-01 12:31:01.800 Combination Record Received
2015-03-01 12:31:01.800 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-01 12:31:01.800 Link Reset, starting window sequence: 45630
2015-03-01 12:31:01.800 GPS Receiver ID Received
2015-03-01 12:31:01.800 Manufacturer's Data Received, Property Tag=2017
2015-03-01 12:31:01.800 Digitizer Gain & Offsets Received
2015-03-01 12:31:01.800 Msg From 192.168.200.119:Baler XX-2017 readback. 4553 recs.
seq end: 28419713
2015-03-01 12:31:01.800 Baler clock set to 2015-03-01 12:31:00
2015-03-01 12:31:01.800 Starting to Read DP Tokens
2015-03-01 12:31:01.800 DP Tokens loaded, size=1474 bytes
2015-03-01 12:31:01.800 Webserver advertising 192.168.200.119:5380
2015-03-01 12:31:01.800 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-01 12:31:01.800 filters & delay HH1:2@100,Linear all=0.320000
2015-03-01 12:31:01.800 filters & delay HH2:3@100,Linear all=0.320000
2015-03-01 12:31:01.800 filters & delay BDH:4@20,Linear all=1.650000
2015-03-01 12:31:01.800 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-01 12:31:01.800 filters & delay LH1:2@1,Linear all=15.000000
2015-03-01 12:31:01.800 filters & delay LH2:3@1,Linear all=15.000000
2015-03-01 12:31:01.800 filters & delay LDH:4@1,Linear all=15.000000
2015-03-01 12:31:01.800 [2015-03-01 00:26:44.000000] continuity found: 28419713
478484804.000000 Q=100
2015-03-01 12:31:01.800 [2015-03-01 00:26:44.000000] restoring continuity
2015-03-01 12:31:01.800 Sending DT_OPEN
2015-03-01 12:31:01.800 Station: XX-2017
2015-03-01 12:31:01.800 Q330 Serial Number: 0100000DB18FC351
2015-03-01 12:31:01.800 AMB Serial Number: 0100000B6909DD82
2015-03-01 12:31:01.800 Seismo 1 Serial Number: 0000000000000000
2015-03-01 12:31:01.800 Seismo 2 Serial Number: 0000000000000000
2015-03-01 12:31:01.800 QAPCHP 1 Serial Number: 4643206
2015-03-01 12:31:01.800 QAPCHP 2 Serial Number: 3743050
2015-03-01 12:31:01.800 KMI Property Tag Number: 2017
2015-03-01 12:31:01.800 System Software Version: 1.146
2015-03-01 12:31:01.800 Slave Processor Version: 1.11
2015-03-01 12:31:01.800 Calibrator Type: QCAL330
2015-03-01 12:31:01.800 Calibrator Version: 1.8
2015-03-01 12:31:01.800 Auxiliary Board Type: None
2015-03-01 12:31:01.800 Clock Type: Motorola M12
2015-03-01 12:31:01.800 PLD Version: 7.9
2015-03-01 12:31:01.800 Total Hours: 73049.12
2015-03-01 12:31:01.800 Power On Hours: 37679.51
2015-03-01 12:31:01.800 Time of Last Boot: 2014-04-06 02:03:58
2015-03-01 12:31:01.800 Total Number of Boots: 120
2015-03-01 12:31:01.800 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-01 12:31:01.800 Total Number of Re-Syncs: 213
2015-03-01 12:31:01.800 Status Inputs: 00000000
2015-03-01 12:31:01.800 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-01 12:31:01.800 Clock Quality: 100%
2015-03-01 12:31:01.800 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-01 12:31:01.800 Clock Phase: 0 usec. max allowed=50000

```

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2015-03-01 12:31:01.800 Boom positions:
2015-03-01 12:31:01.800 Ch1: -3 Ch2: -4 Ch3: 18 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-01 12:31:01.800 Analog Positive Supply: 5.46V
2015-03-01 12:31:01.800 Input Voltage: 13.35V
2015-03-01 12:31:01.800 System Temperature: 5C
2015-03-01 12:31:01.800 Main Current: 62ma
2015-03-01 12:31:01.800 Antenna Current: 0ma
2015-03-01 12:31:01.800 GPS Status
2015-03-01 12:31:01.800 Time: 12:30:59
2015-03-01 12:31:01.800 Date:
2015-03-01 12:31:01.800 Fix Type: 1-D
2015-03-01 12:31:01.800 Height:
2015-03-01 12:31:01.800 Latitude:
2015-03-01 12:31:01.800 Longitude:
2015-03-01 12:31:01.800 On Time: 0min
2015-03-01 12:31:01.800 Sat. Used: 0
2015-03-01 12:31:01.800 In View: 0
2015-03-01 12:31:01.800 Checksum Errors: 0
2015-03-01 12:31:01.800 Last GPS timemark: 2015-03-01 12:30:58
2015-03-01 12:31:01.800 PLL Status
2015-03-01 12:31:01.800 State: Lock
2015-03-01 12:31:01.800 Initial VCO: 2201.999756
2015-03-01 12:31:01.800 Time Error: 0.000000
2015-03-01 12:31:01.800 RMS VCO: 0.0000000
2015-03-01 12:31:01.800 Best VCO: 2202.00
2015-03-01 12:31:01.800 Seconds Since Track or Lock: 0.0
2015-03-01 12:31:01.800 Vco Control: 2202
2015-03-01 12:31:01.800 timing mode: external seascan
2015-03-01 12:31:01.800 tempco normal
2015-03-01 12:31:01.800 PLL update: 10s PLL lock criterion: 5us
2015-03-01 12:31:01.800 Pfrac: 150.00
2015-03-01 12:31:01.800 VCO slope: -0.0175000
2015-03-01 12:31:01.800 VCO intercept: 7.1100001
2015-03-01 12:31:01.800 Km delta: 600.0000000
2015-03-01 12:31:01.800 Logical Port 4 Status
2015-03-01 12:31:01.800 Data Packets Sent: 33603481
2015-03-01 12:31:01.800 Flood Packets Sent: 0
2015-03-01 12:31:01.800 Packets Re-Sent: 52561
2015-03-01 12:31:01.800 Sequence Errors: 0
2015-03-01 12:31:01.800 Packet Buffer Used: 22937252
2015-03-01 12:31:01.800 Physical Port: Ethernet
2015-03-01 12:31:01.800 Baler Model: 14 Software Version: 2.28
2015-03-01 12:31:01.800 MAC Address: 00:04:FB:00:02:EA
2015-03-01 12:31:01.800 Disk Size: 20000669696
2015-03-01 12:31:01.800 Percent of 1177 data files in use: 62.9
2015-03-01 12:31:01.800 Channels Enabled: 1234 Preamps ON channels:
2015-03-01 12:31:01.800 Channel Sensitivities (uV per count):
2015-03-01 12:31:01.800 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-01 12:31:01.800 Digitizer Calibration Results:
2015-03-01 12:31:01.800 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-01 12:31:01.800 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-01 12:31:01.800 DMU1 Software Version=10
2015-03-01 12:31:01.800 Supply Voltage=12.7
2015-03-01 12:31:01.800 Supply Current=0.42
2015-03-01 12:31:01.800 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-01 12:31:01.800 WebLink Data Maps Restored
2015-03-01 12:31:01.800 [2015-03-01 00:26:44.000000] sequence resumes: 28419713 to
28419713
2015-03-01 12:31:01.800 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-03-01 12:31:00
2015-03-01 12:34:09.430 Reducing Status Polling Interval
2015-03-01 12:37:03.710 [2015-03-01 12:27:39.000000] total packets received: 53451
2015-03-01 12:37:03.710 [2015-03-01 12:27:39.000000] command timeouts: 6

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2015-03-01 12:37:03.710 [2015-03-01 12:27:39.000000] out of window: 101  
 2015-03-01 12:37:03.710 written: HHZ-1217 HH1-1391 HH2-1437 BDH-444 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-03-01 12:37:03.710 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-27  
 VMZ-1 VM1-1  
 2015-03-01 12:37:03.710 written: VM2-1 LOG-3 ACE-2 OCF-1  
 2015-03-01 12:37:03.710 [2015-03-01 12:27:39.000000] Done: 4624 recs. seq end:  
 28462968. run: 355 s  
 2015-03-02 00:37:55.780  
 2015-03-02 00:37:55.780 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-02 00:37:55.780 Control Port 2491 Opened  
 2015-03-02 00:37:55.780 Baler ready on Ethernet  
 2015-03-02 00:37:55.780 Power Cycled Baler Acknowledged  
 2015-03-02 00:37:55.780 Commands Accepted by Q330  
 2015-03-02 00:37:55.780 Access timeout: 300 sec  
 2015-03-02 00:37:55.780 Control Port 4023 Opened  
 2015-03-02 00:37:55.780 Data Port 4024 Opened  
 2015-03-02 00:37:55.780 Registered with Q330  
 2015-03-02 00:37:55.780 Combination Record Received  
 2015-03-02 00:37:55.780 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-02 00:37:55.780 Link Reset, starting window sequence: 33382  
 2015-03-02 00:37:55.780 GPS Receiver ID Received  
 2015-03-02 00:37:55.780 Manufacturer's Data Received, Property Tag=2017  
 2015-03-02 00:37:55.780 Digitizer Gain & Offsets Received  
 2015-03-02 00:37:55.780 Msg From 192.168.200.119:Baler XX-2017 readback. 4624 recs.  
 seq end: 28462968  
 2015-03-02 00:37:55.780 Baler clock set to 2015-03-02 00:37:54  
 2015-03-02 00:37:55.780 Starting to Read DP Tokens  
 2015-03-02 00:37:55.780 DP Tokens loaded, size=1474 bytes  
 2015-03-02 00:37:55.780 Webserver advertising 192.168.200.119:5380  
 2015-03-02 00:37:55.780 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-02 00:37:55.780 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-02 00:37:55.780 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-02 00:37:55.780 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-02 00:37:55.780 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-02 00:37:55.780 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-02 00:37:55.780 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-02 00:37:55.780 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-02 00:37:55.780 [2015-03-01 12:27:39.000000] continuity found: 28462968  
 478528059.000000 Q=100  
 2015-03-02 00:37:55.780 [2015-03-01 12:27:39.000000] restoring continuity  
 2015-03-02 00:37:55.780 Sending DT\_OPEN  
 2015-03-02 00:37:55.780 Station: XX-2017  
 2015-03-02 00:37:55.780 Q330 Serial Number: 0100000DB18FC351  
 2015-03-02 00:37:55.780 AMB Serial Number: 0100000B6909DD82  
 2015-03-02 00:37:55.780 Seismo 1 Serial Number: 0000000000000000  
 2015-03-02 00:37:55.780 Seismo 2 Serial Number: 0000000000000000  
 2015-03-02 00:37:55.780 QAPCHP 1 Serial Number: 4643206  
 2015-03-02 00:37:55.780 QAPCHP 2 Serial Number: 3743050  
 2015-03-02 00:37:55.780 KMI Property Tag Number: 2017  
 2015-03-02 00:37:55.780 System Software Version: 1.146  
 2015-03-02 00:37:55.780 Slave Processor Version: 1.11  
 2015-03-02 00:37:55.780 Calibrator Type: QCAL330  
 2015-03-02 00:37:55.780 Calibrator Version: 1.8  
 2015-03-02 00:37:55.780 Auxiliary Board Type: None  
 2015-03-02 00:37:55.780 Clock Type: Motorola M12  
 2015-03-02 00:37:55.780 PLD Version: 7.9  
 2015-03-02 00:37:55.780 Total Hours: 73061.24  
 2015-03-02 00:37:55.780 Power On Hours: 37691.62  
 2015-03-02 00:37:55.780 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-02 00:37:55.780 Total Number of Boots: 120  
 2015-03-02 00:37:55.780 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-02 00:37:55.780 Total Number of Re-Syncs: 213

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2015-03-02 00:37:55.780 Status Inputs: 00000000
2015-03-02 00:37:55.780 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-02 00:37:55.780 Clock Quality: 100%
2015-03-02 00:37:55.780 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-02 00:37:55.780 Clock Phase: 0 usec. max allowed=50000
2015-03-02 00:37:55.780 Boom positions:
2015-03-02 00:37:55.780 ch1: -2 ch2: -4 ch3: 18 ch4: 20 ch5: 20 ch6: 20
2015-03-02 00:37:55.780 Analog Status
2015-03-02 00:37:55.780 Analog Positive Supply: 5.46V
2015-03-02 00:37:55.780 Input Voltage: 13.05V
2015-03-02 00:37:55.780 System Temperature: 5C
2015-03-02 00:37:55.780 Main Current: 63ma
2015-03-02 00:37:55.780 Antenna Current: 0ma
2015-03-02 00:37:55.780 GPS Status
2015-03-02 00:37:55.780 Time: 00:37:54
2015-03-02 00:37:55.780 Date:
2015-03-02 00:37:55.780 Fix Type: 1-D
2015-03-02 00:37:55.780 Height:
2015-03-02 00:37:55.780 Latitude:
2015-03-02 00:37:55.780 Longitude:
2015-03-02 00:37:55.780 On Time: 0min
2015-03-02 00:37:55.780 Sat. Used: 0
2015-03-02 00:37:55.780 In View: 0
2015-03-02 00:37:55.780 Checksum Errors: 0
2015-03-02 00:37:55.780 Last GPS timemark: 2015-03-02 00:37:53
2015-03-02 00:37:55.780 PLL Status
2015-03-02 00:37:55.780 State: Lock
2015-03-02 00:37:55.780 Initial VCO: 2201.999756
2015-03-02 00:37:55.780 Time Error: 0.000000
2015-03-02 00:37:55.780 RMS VCO: 0.0000000
2015-03-02 00:37:55.780 Best VCO: 2202.00
2015-03-02 00:37:55.780 Seconds Since Track or Lock: 0.0
2015-03-02 00:37:55.780 Vco Control: 2202
2015-03-02 00:37:55.780 timing mode: external seascan
2015-03-02 00:37:55.780 tempco normal
2015-03-02 00:37:55.780 PLL update: 10s PLL lock criterion: 5us
2015-03-02 00:37:55.780 Pfrac: 150.00
2015-03-02 00:37:55.780 VCO slope: -0.0175000
2015-03-02 00:37:55.780 VCO intercept: 7.1100001
2015-03-02 00:37:55.780 km delta: 600.0000000
2015-03-02 00:37:55.780 Logical Port 4 Status
2015-03-02 00:37:55.780 Data Packets Sent: 33656774
2015-03-02 00:37:55.780 Flood Packets Sent: 0
2015-03-02 00:37:55.780 Packets Re-Sent: 52674
2015-03-02 00:37:55.780 Sequence Errors: 0
2015-03-02 00:37:55.780 Packet Buffer Used: 23318624
2015-03-02 00:37:55.780 Physical Port: Ethernet
2015-03-02 00:37:55.780 Baler Model: 14 Software Version: 2.28
2015-03-02 00:37:55.780 MAC Address: 00:04:FB:00:02:EA
2015-03-02 00:37:55.780 Disk Size: 20000669696
2015-03-02 00:37:55.780 Percent of 1177 data files in use: 63.1
2015-03-02 00:37:55.780 Channels Enabled: 1234 Preamps ON channels:
2015-03-02 00:37:55.780 Channel Sensitivities (uV per count):
2015-03-02 00:37:55.780 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-02 00:37:55.780 Digitizer Calibration Results:
2015-03-02 00:37:55.780 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-02 00:37:55.780 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-02 00:37:55.780 DMU1 Software Version=10
2015-03-02 00:37:55.780 Supply Voltage=12.5
2015-03-02 00:37:55.780 Supply Current=0.42
2015-03-02 00:37:55.780 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-02 00:37:55.780 WebLink Data Maps Restored
2015-03-02 00:37:55.780 [2015-03-01 12:27:39.000000] sequence resumes: 28462968 to

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28462968
2015-03-02 00:37:55.780 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-02 00:37:54
2015-03-02 00:43:24.890 [2015-03-02 00:00:00.000000] saving Configuration to Backup
Memory
2015-03-02 00:43:24.890 Reducing Status Polling Interval
2015-03-02 00:43:24.890 [2015-03-02 00:43:43.999998] total packets received: 55342
2015-03-02 00:43:24.890 [2015-03-02 00:43:43.999998] command timeouts: 6
2015-03-02 00:43:24.890 [2015-03-02 00:43:43.999998] out of window: 58
2015-03-02 00:43:24.890 written: HHZ-1195 HH1-1464 HH2-1529 BDH-446 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-02 00:43:24.890 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-25 LH2-24 LDH-25
VMZ-2 VM1-2
2015-03-02 00:43:24.890 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-03-02 00:43:24.890 [2015-03-02 00:43:43.999998] Done: 4782 recs. seq end:
28507133. run: 345 s
2015-03-02 12:44:40.740
2015-03-02 12:44:40.740 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-02 12:44:40.740 Control Port 2491 Opened
2015-03-02 12:44:40.740 Baler ready on Ethernet
2015-03-02 12:44:40.740 Power Cycled Baler Acknowledged
2015-03-02 12:44:40.740 Commands Accepted by Q330
2015-03-02 12:44:40.740 Access timeout: 300 sec
2015-03-02 12:44:40.740 Control Port 4023 Opened
2015-03-02 12:44:40.740 Data Port 4024 Opened
2015-03-02 12:44:40.740 Registered with Q330
2015-03-02 12:44:40.740 Combination Record Received
2015-03-02 12:44:40.740 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-02 12:44:40.740 Link Reset, starting window sequence: 23094
2015-03-02 12:44:40.740 GPS Receiver ID Received
2015-03-02 12:44:40.740 Manufacturer's Data Received, Property Tag=2017
2015-03-02 12:44:40.740 Digitizer Gain & Offsets Received
2015-03-02 12:44:40.740 Baler clock set to 2015-03-02 12:44:39
2015-03-02 12:44:40.740 Starting to Read DP Tokens
2015-03-02 12:44:40.740 DP Tokens loaded, size=1474 bytes
2015-03-02 12:44:40.740 Webserver advertising 192.168.200.119:5380
2015-03-02 12:44:40.740 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-02 12:44:40.740 filters & delay HH1:2@100,Linear all=0.320000
2015-03-02 12:44:40.740 filters & delay HH2:3@100,Linear all=0.320000
2015-03-02 12:44:40.740 filters & delay BDH:4@20,Linear all=1.650000
2015-03-02 12:44:40.740 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-02 12:44:40.740 filters & delay LH1:2@1,Linear all=15.000000
2015-03-02 12:44:40.740 filters & delay LH2:3@1,Linear all=15.000000
2015-03-02 12:44:40.740 filters & delay LDH:4@1,Linear all=15.000000
2015-03-02 12:44:40.740 [2015-03-02 00:43:43.999998] continuity found: 28507133
478572224.000000 Q=100
2015-03-02 12:44:40.740 [2015-03-02 00:43:43.999998] restoring continuity
2015-03-02 12:44:40.740 Sending DT_OPEN
2015-03-02 12:44:40.740 Station: XX-2017
2015-03-02 12:44:40.740 Q330 Serial Number: 0100000DB18FC351
2015-03-02 12:44:40.740 AMB Serial Number: 0100000B6909DD82
2015-03-02 12:44:40.740 Seismo 1 Serial Number: 0000000000000000
2015-03-02 12:44:40.740 Seismo 2 Serial Number: 0000000000000000
2015-03-02 12:44:40.740 QAPCHP 1 Serial Number: 4643206
2015-03-02 12:44:40.740 QAPCHP 2 Serial Number: 3743050
2015-03-02 12:44:40.740 KMI Property Tag Number: 2017
2015-03-02 12:44:40.740 System Software Version: 1.146
2015-03-02 12:44:40.740 Slave Processor Version: 1.11
2015-03-02 12:44:40.740 Calibrator Type: QCAL330
2015-03-02 12:44:40.740 Calibrator Version: 1.8
2015-03-02 12:44:40.740 Auxiliary Board Type: None
2015-03-02 12:44:40.740 Clock Type: Motorola M12
2015-03-02 12:44:40.740 PLD Version: 7.9

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2015-03-02 12:44:40.740 Total Hours: 73073.35  
 2015-03-02 12:44:40.740 Power On Hours: 37703.73  
 2015-03-02 12:44:40.740 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-02 12:44:40.740 Total Number of Boots: 120  
 2015-03-02 12:44:40.740 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-02 12:44:40.740 Total Number of Re-Syncs: 213  
 2015-03-02 12:44:40.740 Status Inputs: 00000000  
 2015-03-02 12:44:40.740 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-02 12:44:40.740 Clock Quality: 100%  
 2015-03-02 12:44:40.740 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-02 12:44:40.740 Clock Phase: 0 usec. max allowed=50000  
 2015-03-02 12:44:40.740 Boom positions:  
 2015-03-02 12:44:40.740 ch1: -3 ch2: -5 ch3: 19 ch4: 20 ch5: 20 ch6: 20  
 2015-03-02 12:44:40.740 Analog Status  
 2015-03-02 12:44:40.740 Analog Positive Supply: 5.44V  
 2015-03-02 12:44:40.740 Input Voltage: 13.35V  
 2015-03-02 12:44:40.740 System Temperature: 5C  
 2015-03-02 12:44:40.740 Main Current: 61ma  
 2015-03-02 12:44:40.740 Antenna Current: 0ma  
 2015-03-02 12:44:40.740 GPS Status  
 2015-03-02 12:44:40.740 Time: 12:44:39  
 2015-03-02 12:44:40.740 Date:  
 2015-03-02 12:44:40.740 Fix Type: 1-D  
 2015-03-02 12:44:40.740 Height:  
 2015-03-02 12:44:40.740 Latitude:  
 2015-03-02 12:44:40.740 Longitude:  
 2015-03-02 12:44:40.740 On Time: 0min  
 2015-03-02 12:44:40.740 Sat. Used: 0  
 2015-03-02 12:44:40.740 In View: 0  
 2015-03-02 12:44:40.740 Checksum Errors: 0  
 2015-03-02 12:44:40.740 Last GPS timemark: 2015-03-02 12:44:38  
 2015-03-02 12:44:40.740 PLL Status  
 2015-03-02 12:44:40.740 State: Lock  
 2015-03-02 12:44:40.740 Initial VCO: 2202.006836  
 2015-03-02 12:44:40.740 Time Error: 0.000000  
 2015-03-02 12:44:40.740 RMS VCO: 0.0000000  
 2015-03-02 12:44:40.740 Best VCO: 2202.00  
 2015-03-02 12:44:40.740 Seconds Since Track or Lock: 0.0  
 2015-03-02 12:44:40.740 Vco Control: 2202  
 2015-03-02 12:44:40.740 timing mode: external seascan  
 2015-03-02 12:44:40.740 tempco normal  
 2015-03-02 12:44:40.740 PLL update: 10s PLL lock criterion: 5us  
 2015-03-02 12:44:40.740 Pfrac: 150.00  
 2015-03-02 12:44:40.740 VCO slope: -0.0175000  
 2015-03-02 12:44:40.740 VCO intercept: 7.1100001  
 2015-03-02 12:44:40.740 km delta: 600.0000000  
 2015-03-02 12:44:40.740 Logical Port 4 Status  
 2015-03-02 12:44:40.740 Data Packets Sent: 33712027  
 2015-03-02 12:44:40.740 Flood Packets Sent: 0  
 2015-03-02 12:44:40.740 Packets Re-Sent: 52748  
 2015-03-02 12:44:40.740 Sequence Errors: 0  
 2015-03-02 12:44:40.740 Packet Buffer Used: 22758316  
 2015-03-02 12:44:40.740 Physical Port: Ethernet  
 2015-03-02 12:44:40.740 Baler Model: 14 Software Version: 2.28  
 2015-03-02 12:44:40.740 MAC Address: 00:04:FB:00:02:EA  
 2015-03-02 12:44:40.740 Disk Size: 20000669696  
 2015-03-02 12:44:40.740 Percent of 1177 data files in use: 63.1  
 2015-03-02 12:44:40.740 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-02 12:44:40.740 Channel sensitivities (uV per count):  
 2015-03-02 12:44:40.740 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-02 12:44:40.740 Digitizer Calibration Results:  
 2015-03-02 12:44:40.740 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-02 12:44:40.740 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2015-03-02 12:44:40.740 DMU1 Software Version=10  
 2015-03-02 12:44:40.740 Supply Voltage=12.7  
 2015-03-02 12:44:40.740 Supply Current=0.41  
 2015-03-02 12:44:40.740 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-02 12:44:40.740 WebLink Data Maps Restored  
 2015-03-02 12:44:40.740 [2015-03-02 00:43:43.999998] sequence resumes: 28507133 to 28507133  
 2015-03-02 12:44:40.740 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-02 12:44:39  
 2015-03-02 12:50:22.930 Reducing Status Polling Interval  
 2015-03-02 12:50:22.930 [2015-03-02 12:50:21.999998] total packets received: 52316  
 2015-03-02 12:50:22.930 [2015-03-02 12:50:21.999998] command timeouts: 6  
 2015-03-02 12:50:22.930 [2015-03-02 12:50:21.999998] out of window: 55  
 2015-03-02 12:50:22.930 written: HHZ-1179 HH1-1449 HH2-1433 BDH-450 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-03-02 12:50:22.930 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-27  
 VMZ-2 VM1-2  
 2015-03-02 12:50:22.930 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-1  
 2015-03-02 12:50:22.930 [2015-03-02 12:50:21.999998] Done: 4654 recs. seq end: 28550731. run: 338 s  
 2015-03-03 00:51:18.730  
 2015-03-03 00:51:18.730 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-03 00:51:18.730 Control Port 2491 Opened  
 2015-03-03 00:51:18.730 Baler ready on Ethernet  
 2015-03-03 00:51:18.730 Power Cycled Baler Acknowledged  
 2015-03-03 00:51:18.730 Commands Accepted by Q330  
 2015-03-03 00:51:18.730 Access timeout: 300 sec  
 2015-03-03 00:51:18.730 Control Port 4023 Opened  
 2015-03-03 00:51:18.730 Data Port 4024 Opened  
 2015-03-03 00:51:18.730 Registered with Q330  
 2015-03-03 00:51:18.730 Combination Record Received  
 2015-03-03 00:51:18.730 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-03 00:51:18.730 Link Reset, starting window sequence: 9783  
 2015-03-03 00:51:18.730 GPS Receiver ID Received  
 2015-03-03 00:51:18.730 Manufacturer's Data Received, Property Tag=2017  
 2015-03-03 00:51:18.730 Digitizer Gain & Offsets Received  
 2015-03-03 00:51:18.730 Msg From 192.168.200.119:Baler XX-2017 readback. 4654 recs. seq end: 28550731  
 2015-03-03 00:51:18.730 Baler clock set to 2015-03-03 00:51:17  
 2015-03-03 00:51:18.730 Starting to Read DP Tokens  
 2015-03-03 00:51:18.730 DP Tokens loaded, size=1474 bytes  
 2015-03-03 00:51:18.730 Webserver advertising 192.168.200.119:5380  
 2015-03-03 00:51:18.730 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-03 00:51:18.730 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-03 00:51:18.730 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-03 00:51:18.730 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-03 00:51:18.730 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-03 00:51:18.730 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-03 00:51:18.730 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-03 00:51:18.730 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-03 00:51:18.730 [2015-03-02 12:50:21.999998] continuity found: 28550731  
 478615822.000000 Q=100  
 2015-03-03 00:51:18.730 [2015-03-02 12:50:21.999998] restoring continuity  
 2015-03-03 00:51:18.730 Sending DT\_OPEN  
 2015-03-03 00:51:18.730 Station: XX-2017  
 2015-03-03 00:51:18.730 Q330 Serial Number: 0100000DB18FC351  
 2015-03-03 00:51:18.730 AMB Serial Number: 0100000B6909DD82  
 2015-03-03 00:51:18.730 Seismo 1 Serial Number: 0000000000000000  
 2015-03-03 00:51:18.730 Seismo 2 Serial Number: 0000000000000000  
 2015-03-03 00:51:18.730 QAPCHP 1 Serial Number: 4643206  
 2015-03-03 00:51:18.730 QAPCHP 2 Serial Number: 3743050  
 2015-03-03 00:51:18.730 KMI Property Tag Number: 2017  
 2015-03-03 00:51:18.730 System Software Version: 1.146

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2015-03-03 00:51:18.730 Slave Processor Version: 1.11  
 2015-03-03 00:51:18.730 Calibrator Type: QCAL330  
 2015-03-03 00:51:18.730 Calibrator Version: 1.8  
 2015-03-03 00:51:18.730 Auxiliary Board Type: None  
 2015-03-03 00:51:18.730 Clock Type: Motorola M12  
 2015-03-03 00:51:18.730 PLD Version: 7.9  
 2015-03-03 00:51:18.730 Total Hours: 73085.46  
 2015-03-03 00:51:18.730 Power On Hours: 37715.84  
 2015-03-03 00:51:18.730 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-03 00:51:18.730 Total Number of Boots: 120  
 2015-03-03 00:51:18.730 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-03 00:51:18.730 Total Number of Re-Syncs: 213  
 2015-03-03 00:51:18.730 Status Inputs: 00000000  
 2015-03-03 00:51:18.730 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-03 00:51:18.730 Clock Quality: 100%  
 2015-03-03 00:51:18.730 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-03 00:51:18.730 Clock Phase: 0 usec. max allowed=50000  
 2015-03-03 00:51:18.730 Boom positions:  
 2015-03-03 00:51:18.730 ch1: -3 ch2: -6 ch3: 20 ch4: 20 ch5: 20 ch6: 20  
 2015-03-03 00:51:18.730 Analog Status  
 2015-03-03 00:51:18.730 Analog Positive Supply: 5.46V  
 2015-03-03 00:51:18.730 Input Voltage: 12.90V  
 2015-03-03 00:51:18.730 System Temperature: 5C  
 2015-03-03 00:51:18.730 Main Current: 66ma  
 2015-03-03 00:51:18.730 Antenna Current: 0ma  
 2015-03-03 00:51:18.730 GPS Status  
 2015-03-03 00:51:18.730 Time: 00:51:17  
 2015-03-03 00:51:18.730 Date:  
 2015-03-03 00:51:18.730 Fix Type: 1-D  
 2015-03-03 00:51:18.730 Height:  
 2015-03-03 00:51:18.730 Latitude:  
 2015-03-03 00:51:18.730 Longitude:  
 2015-03-03 00:51:18.730 On Time: 0min  
 2015-03-03 00:51:18.730 Sat. Used: 0  
 2015-03-03 00:51:18.730 In View: 0  
 2015-03-03 00:51:18.730 Checksum Errors: 0  
 2015-03-03 00:51:18.730 Last GPS timemark: 2015-03-03 00:51:16  
 2015-03-03 00:51:18.730 PLL Status  
 2015-03-03 00:51:18.730 State: Lock  
 2015-03-03 00:51:18.730 Initial VCO: 2202.165527  
 2015-03-03 00:51:18.730 Time Error: 0.000000  
 2015-03-03 00:51:18.730 RMS VCO: 0.000000  
 2015-03-03 00:51:18.730 Best VCO: 2202.12  
 2015-03-03 00:51:18.730 Seconds Since Track or Lock: 0.0  
 2015-03-03 00:51:18.730 Vco Control: 2202  
 2015-03-03 00:51:18.730 timing mode: external seascan  
 2015-03-03 00:51:18.730 tempco normal  
 2015-03-03 00:51:18.730 PLL update: 10s PLL lock criterion: 5us  
 2015-03-03 00:51:18.730 Pfrac: 150.00  
 2015-03-03 00:51:18.730 VCO slope: -0.0175000  
 2015-03-03 00:51:18.730 VCO intercept: 7.1100001  
 2015-03-03 00:51:18.730 km delta: 600.0000000  
 2015-03-03 00:51:18.730 Logical Port 4 Status  
 2015-03-03 00:51:18.730 Data Packets Sent: 33764257  
 2015-03-03 00:51:18.730 Flood Packets Sent: 0  
 2015-03-03 00:51:18.730 Packets Re-Sent: 52819  
 2015-03-03 00:51:18.730 Sequence Errors: 0  
 2015-03-03 00:51:18.730 Packet Buffer Used: 23429152  
 2015-03-03 00:51:18.730 Physical Port: Ethernet  
 2015-03-03 00:51:18.730 Baler Model: 14 Software Version: 2.28  
 2015-03-03 00:51:18.730 MAC Address: 00:04:FB:00:02:EA  
 2015-03-03 00:51:18.730 Percent of 1177 data files in use: 63.3  
 2015-03-03 00:51:18.730 Channels Enabled: 1234 Preamps ON channels:



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2015-03-03 00:51:18.730 Channel Sensitivities (uV per count):
2015-03-03 00:51:18.730 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-03 00:51:18.730 Digitizer Calibration Results:
2015-03-03 00:51:18.730 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-03 00:51:18.730 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-03 00:51:18.730 DMU1 Software Version=10
2015-03-03 00:51:18.730 Supply Voltage=12.6
2015-03-03 00:51:18.730 Supply Current=0.41
2015-03-03 00:51:18.730 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-03 00:51:18.730 WebLink Data Maps Restored
2015-03-03 00:51:18.730 [2015-03-02 12:50:21.999998] sequence resumes: 28550731 to
28550731
2015-03-03 00:51:18.730 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-03 00:51:17
2015-03-03 00:56:53.170 [2015-03-03 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-03 00:56:53.170 Reducing Status Polling Interval
2015-03-03 00:56:53.170 [2015-03-03 00:57:17.999998] total packets received: 61731
2015-03-03 00:56:53.170 [2015-03-03 00:57:17.999998] command timeouts: 6
2015-03-03 00:56:53.170 [2015-03-03 00:57:17.999998] out of window: 70
2015-03-03 00:56:53.170 written: HHZ-1241 HH1-1471 HH2-1500 BDH-453 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-03-03 00:56:53.170 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-26 LDH-33
VMZ-1 VM1-1
2015-03-03 00:56:53.170 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2015-03-03 00:56:53.170 [2015-03-03 00:57:17.999998] Done: 4814 recs. seq end:
28594347. run: 356 s
2015-03-03 12:58:14.790
2015-03-03 12:58:14.790 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-03 12:58:14.790 Control Port 2491 Opened
2015-03-03 12:58:14.790 Baler ready on Ethernet
2015-03-03 12:58:14.790 Power Cycled Baler Acknowledged
2015-03-03 12:58:14.790 Commands Accepted by Q330
2015-03-03 12:58:14.790 Access timeout: 300 sec
2015-03-03 12:58:14.790 Control Port 4023 Opened
2015-03-03 12:58:14.790 Data Port 4024 Opened
2015-03-03 12:58:14.790 Registered with Q330
2015-03-03 12:58:14.790 Combination Record Received
2015-03-03 12:58:14.790 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-03 12:58:14.790 Link Reset, starting window sequence: 5871
2015-03-03 12:58:14.790 GPS Receiver ID Received
2015-03-03 12:58:14.790 Manufacturer's Data Received, Property Tag=2017
2015-03-03 12:58:14.790 Digitizer Gain & Offsets Received
2015-03-03 12:58:14.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4814 recs.
seq end: 28594347
2015-03-03 12:58:14.790 Baler clock set to 2015-03-03 12:58:13
2015-03-03 12:58:14.790 Starting to Read DP Tokens
2015-03-03 12:58:14.790 DP Tokens loaded, size=1474 bytes
2015-03-03 12:58:14.790 webserver advertising 192.168.200.119:5380
2015-03-03 12:58:14.790 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-03 12:58:14.790 filters & delay HH1:2@100,Linear all=0.320000
2015-03-03 12:58:14.790 filters & delay HH2:3@100,Linear all=0.320000
2015-03-03 12:58:14.790 filters & delay BDH:4@20,Linear all=1.650000
2015-03-03 12:58:14.790 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-03 12:58:14.790 filters & delay LH1:2@1,Linear all=15.000000
2015-03-03 12:58:14.790 filters & delay LH2:3@1,Linear all=15.000000
2015-03-03 12:58:14.790 filters & delay LDH:4@1,Linear all=15.000000
2015-03-03 12:58:14.790 [2015-03-03 00:57:17.999998] continuity found: 28594347
478659438.000000 Q=100
2015-03-03 12:58:14.790 [2015-03-03 00:57:17.999998] restoring continuity
2015-03-03 12:58:14.790 Sending DT_OPEN
2015-03-03 12:58:14.790 Station: XX-2017
2015-03-03 12:58:14.790 Q330 Serial Number: 0100000DB18FC351

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2015-03-03 12:58:14.790 AMB Serial Number: 0100000B6909DD82  
 2015-03-03 12:58:14.790 Seismo 1 Serial Number: 0000000000000000  
 2015-03-03 12:58:14.790 Seismo 2 Serial Number: 0000000000000000  
 2015-03-03 12:58:14.790 QAPCHP 1 Serial Number: 4643206  
 2015-03-03 12:58:14.790 QAPCHP 2 Serial Number: 3743050  
 2015-03-03 12:58:14.790 KMI Property Tag Number: 2017  
 2015-03-03 12:58:14.790 System Software Version: 1.146  
 2015-03-03 12:58:14.790 Slave Processor Version: 1.11  
 2015-03-03 12:58:14.790 Calibrator Type: QCAL330  
 2015-03-03 12:58:14.790 Calibrator Version: 1.8  
 2015-03-03 12:58:14.790 Auxiliary Board Type: None  
 2015-03-03 12:58:14.790 Clock Type: Motorola M12  
 2015-03-03 12:58:14.790 PLD Version: 7.9  
 2015-03-03 12:58:14.790 Total Hours: 73097.58  
 2015-03-03 12:58:14.790 Power On Hours: 37727.96  
 2015-03-03 12:58:14.790 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-03 12:58:14.790 Total Number of Boots: 120  
 2015-03-03 12:58:14.790 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-03 12:58:14.790 Total Number of Re-Syncs: 213  
 2015-03-03 12:58:14.790 Status Inputs: 00000000  
 2015-03-03 12:58:14.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-03 12:58:14.790 Clock Quality: 100%  
 2015-03-03 12:58:14.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-03 12:58:14.790 Clock Phase: 0 usec. max allowed=50000  
 2015-03-03 12:58:14.790 Boom positions:  
 2015-03-03 12:58:14.790 Ch1: -3 Ch2: -6 Ch3: 20 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-03 12:58:14.790 Analog Status  
 2015-03-03 12:58:14.790 Analog Positive Supply: 5.46V  
 2015-03-03 12:58:14.790 Input Voltage: 13.20V  
 2015-03-03 12:58:14.790 System Temperature: 5C  
 2015-03-03 12:58:14.790 Main Current: 62ma  
 2015-03-03 12:58:14.790 Antenna Current: 0ma  
 2015-03-03 12:58:14.790 GPS Status  
 2015-03-03 12:58:14.790 Time: 12:58:13  
 2015-03-03 12:58:14.790 Date:  
 2015-03-03 12:58:14.790 Fix Type: 1-D  
 2015-03-03 12:58:14.790 Height:  
 2015-03-03 12:58:14.790 Latitude:  
 2015-03-03 12:58:14.790 Longitude:  
 2015-03-03 12:58:14.790 On Time: 0min  
 2015-03-03 12:58:14.790 Sat. Used: 0  
 2015-03-03 12:58:14.790 In View: 0  
 2015-03-03 12:58:14.790 Checksum Errors: 0  
 2015-03-03 12:58:14.790 Last GPS timemark: 2015-03-03 12:58:12  
 2015-03-03 12:58:14.790 PLL Status  
 2015-03-03 12:58:14.790 State: Lock  
 2015-03-03 12:58:14.790 Initial VCO: 2201.999756  
 2015-03-03 12:58:14.790 Time Error: 0.000000  
 2015-03-03 12:58:14.790 RMS VCO: 0.000000  
 2015-03-03 12:58:14.790 Best VCO: 2202.00  
 2015-03-03 12:58:14.790 Seconds Since Track or Lock: 0.0  
 2015-03-03 12:58:14.790 Vco Control: 2202  
 2015-03-03 12:58:14.790 timing mode: external seascan  
 2015-03-03 12:58:14.790 tempco normal  
 2015-03-03 12:58:14.790 PLL update: 10s PLL lock criterion: 5us  
 2015-03-03 12:58:14.790 Pfrac: 150.00  
 2015-03-03 12:58:14.790 VCO slope: -0.0175000  
 2015-03-03 12:58:14.790 VCO intercept: 7.1100001  
 2015-03-03 12:58:14.790 km delta: 600.000000  
 2015-03-03 12:58:14.790 Logical Port 4 Status  
 2015-03-03 12:58:14.790 Data Packets Sent: 33825886  
 2015-03-03 12:58:14.790 Flood Packets Sent: 0  
 2015-03-03 12:58:14.790 Packets Re-Sent: 52905

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2015-03-03 12:58:14.790 Sequence Errors: 0  
 2015-03-03 12:58:14.790 Packet Buffer Used: 23634792  
 2015-03-03 12:58:14.790 Physical Port: Ethernet  
 2015-03-03 12:58:14.790 Baler Model: 14 Software Version: 2.28  
 2015-03-03 12:58:14.790 MAC Address: 00:04:FB:00:02:EA  
 2015-03-03 12:58:14.790 Disk Size: 20000669696  
 2015-03-03 12:58:14.790 Percent of 1177 data files in use: 63.4  
 2015-03-03 12:58:14.790 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-03 12:58:14.790 Channel Sensitivities (uV per count):  
 2015-03-03 12:58:14.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-03 12:58:14.790 Digitizer Calibration Results:  
 2015-03-03 12:58:14.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-03 12:58:14.790 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-03 12:58:14.790 DMU1 Software Version=10  
 2015-03-03 12:58:14.790 Supply Voltage=12.7  
 2015-03-03 12:58:14.790 Supply Current=0.41  
 2015-03-03 12:58:14.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-03 12:58:14.790 WebLink Data Maps Restored  
 2015-03-03 12:58:14.790 [2015-03-03 00:57:17.999998] sequence resumes: 28594347 to 28594347  
 2015-03-03 12:58:14.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-03 12:58:13  
 2015-03-03 13:04:14.610 Reducing Status Polling Interval  
 2015-03-03 13:04:14.610 [2015-03-03 13:04:13.999998] total packets received: 64442  
 2015-03-03 13:04:14.610 [2015-03-03 13:04:13.999998] command timeouts: 6  
 2015-03-03 13:04:14.610 [2015-03-03 13:04:13.999998] out of window: 53  
 2015-03-03 13:04:14.610 written: HHZ-1227 HH1-1554 HH2-1483 BDH-452 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-03 13:04:14.610 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-35  
 VMZ-2 VM1-2  
 2015-03-03 13:04:14.610 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-1  
 2015-03-03 13:04:14.610 [2015-03-03 13:04:13.999998] Done: 4872 recs. seq end: 28637963. run: 357 s  
 2015-03-04 01:05:10.800  
 2015-03-04 01:05:10.800 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-04 01:05:10.800 Control Port 2491 Opened  
 2015-03-04 01:05:10.800 Baler ready on Ethernet  
 2015-03-04 01:05:10.800 Power Cycled Baler Acknowledged  
 2015-03-04 01:05:10.800 Commands Accepted by Q330  
 2015-03-04 01:05:10.800 Access timeout: 300 sec  
 2015-03-04 01:05:10.800 Control Port 4023 Opened  
 2015-03-04 01:05:10.800 Data Port 4024 Opened  
 2015-03-04 01:05:10.800 Registered with Q330  
 2015-03-04 01:05:10.800 Combination Record Received  
 2015-03-04 01:05:10.800 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-04 01:05:10.800 Link Reset, starting window sequence: 4686  
 2015-03-04 01:05:10.800 GPS Receiver ID Received  
 2015-03-04 01:05:10.800 Manufacturer's Data Received, Property Tag=2017  
 2015-03-04 01:05:10.800 Digitizer Gain & Offsets Received  
 2015-03-04 01:05:10.800 Msg From 192.168.200.119:Baler XX-2017 readback. 4872 recs. seq end: 28637963  
 2015-03-04 01:05:10.800 Baler clock set to 2015-03-04 01:05:09  
 2015-03-04 01:05:10.800 Starting to Read DP Tokens  
 2015-03-04 01:05:10.800 DP Tokens loaded, size=1474 bytes  
 2015-03-04 01:05:10.800 webserver advertising 192.168.200.119:5380  
 2015-03-04 01:05:10.800 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-04 01:05:10.800 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-04 01:05:10.800 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-04 01:05:10.800 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-04 01:05:10.800 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-04 01:05:10.800 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-04 01:05:10.800 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-04 01:05:10.800 filters & delay LDH:4@1,Linear all=15.000000

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2015-03-04 01:05:10.800 [2015-03-03 13:04:13.999998] continuity found: 28637963
478703054.000000 Q=100
2015-03-04 01:05:10.800 [2015-03-03 13:04:13.999998] restoring continuity
2015-03-04 01:05:10.800 Sending DT_OPEN
2015-03-04 01:05:10.800 Station: XX-2017
2015-03-04 01:05:10.800 Q330 Serial Number: 0100000DB18FC351
2015-03-04 01:05:10.800 AMB Serial Number: 0100000B6909DD82
2015-03-04 01:05:10.800 Seismo 1 Serial Number: 0000000000000000
2015-03-04 01:05:10.800 Seismo 2 Serial Number: 0000000000000000
2015-03-04 01:05:10.800 QAPCHP 1 Serial Number: 4643206
2015-03-04 01:05:10.800 QAPCHP 2 Serial Number: 3743050
2015-03-04 01:05:10.800 KMI Property Tag Number: 2017
2015-03-04 01:05:10.800 System Software Version: 1.146
2015-03-04 01:05:10.800 Slave Processor Version: 1.11
2015-03-04 01:05:10.800 Calibrator Type: QCAL330
2015-03-04 01:05:10.800 Calibrator Version: 1.8
2015-03-04 01:05:10.800 Auxiliary Board Type: None
2015-03-04 01:05:10.800 Clock Type: Motorola M12
2015-03-04 01:05:10.800 PLD Version: 7.9
2015-03-04 01:05:10.800 Power On Hours: 37740.08
2015-03-04 01:05:10.800 Time of Last Boot: 2014-04-06 02:03:58
2015-03-04 01:05:10.800 Total Number of Boots: 120
2015-03-04 01:05:10.800 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-04 01:05:10.800 Total Number of Re-Syncs: 213
2015-03-04 01:05:10.800 Status Inputs: 00000000
2015-03-04 01:05:10.800 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-04 01:05:10.800 Clock Quality: 100%
2015-03-04 01:05:10.800 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-04 01:05:10.800 Clock Phase: 0 usec. max allowed=50000
2015-03-04 01:05:10.800 Boom positions:
2015-03-04 01:05:10.800 Ch1: -3 Ch2: -6 Ch3: 21 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-04 01:05:10.800 Analog Status
2015-03-04 01:05:10.800 Analog Positive Supply: 5.46V
2015-03-04 01:05:10.800 Input Voltage: 13.35V
2015-03-04 01:05:10.800 System Temperature: 5C
2015-03-04 01:05:10.800 Main Current: 61ma
2015-03-04 01:05:10.800 Antenna Current: 0ma
2015-03-04 01:05:10.800 GPS Status
2015-03-04 01:05:10.800 Time: 01:05:09
2015-03-04 01:05:10.800 Date:
2015-03-04 01:05:10.800 Fix Type: 1-D
2015-03-04 01:05:10.800 Height:
2015-03-04 01:05:10.800 Latitude:
2015-03-04 01:05:10.800 Longitude:
2015-03-04 01:05:10.800 On Time: 0min
2015-03-04 01:05:10.800 Sat. Used: 0
2015-03-04 01:05:10.800 In View: 0
2015-03-04 01:05:10.800 Checksum Errors: 0
2015-03-04 01:05:10.800 Last GPS timemark: 2015-03-04 01:05:08
2015-03-04 01:05:10.800 PLL Status
2015-03-04 01:05:10.800 State: Lock
2015-03-04 01:05:10.800 Initial VCO: 2201.827393
2015-03-04 01:05:10.800 Time Error: 0.000000
2015-03-04 01:05:10.800 RMS VCO: 0.000000
2015-03-04 01:05:10.800 Best VCO: 2202.00
2015-03-04 01:05:10.800 Seconds Since Track or Lock: 0.0
2015-03-04 01:05:10.800 Vco Control: 2202
2015-03-04 01:05:10.800 timing mode: external seascan
2015-03-04 01:05:10.800 tempco normal
2015-03-04 01:05:10.800 PLL update: 10s PLL lock criterion: 5us
2015-03-04 01:05:10.800 Pfrac: 150.00
2015-03-04 01:05:10.800 VCO slope: -0.0175000
2015-03-04 01:05:10.800 VCO intercept: 7.1100001

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2015-03-04 01:05:10.800 Km delta: 600.0000000
2015-03-04 01:05:10.800 Logical Port 4 Status
2015-03-04 01:05:10.800 Data Packets Sent: 33890243
2015-03-04 01:05:10.800 Flood Packets Sent: 0
2015-03-04 01:05:10.800 Packets Re-Sent: 52976
2015-03-04 01:05:10.800 Sequence Errors: 0
2015-03-04 01:05:10.800 Packet Buffer Used: 21988348
2015-03-04 01:05:10.800 Physical Port: Ethernet
2015-03-04 01:05:10.800 Baler Model: 14 Software Version: 2.28
2015-03-04 01:05:10.800 MAC Address: 00:04:FB:00:02:EA
2015-03-04 01:05:10.800 Disk Size: 20000669696
2015-03-04 01:05:10.800 Percent of 1177 data files in use: 63.5
2015-03-04 01:05:10.800 Channels Enabled: 1234 Preamps ON channels:
2015-03-04 01:05:10.800 Channel Sensitivities (uV per count):
2015-03-04 01:05:10.800 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-04 01:05:10.800 Digitizer Calibration Results:
2015-03-04 01:05:10.800 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-04 01:05:10.800 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-04 01:05:10.800 DMU1 Software Version=10
2015-03-04 01:05:10.800 Supply Voltage=12.7
2015-03-04 01:05:10.800 Supply Current=0.41
2015-03-04 01:05:10.800 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-04 01:05:10.800 webLink Data Maps Restored
2015-03-04 01:05:10.800 [2015-03-03 13:04:13.999998] sequence resumes: 28637963 to
28637963
2015-03-04 01:05:10.800 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-04 01:05:09
2015-03-04 01:10:04.820 [2015-03-04 00:00:00.000000] saving Configuration to Backup
Memory
2015-03-04 01:10:04.820 Reducing Status Polling Interval
2015-03-04 01:10:04.820 [2015-03-04 01:10:44.999998] total packets received: 48012
2015-03-04 01:10:04.820 [2015-03-04 01:10:44.999998] command timeouts: 6
2015-03-04 01:10:04.820 [2015-03-04 01:10:44.999998] out of window: 57
2015-03-04 01:10:04.820 written: HHZ-1140 HH1-1400 HH2-1346 BDH-443 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-04 01:10:04.820 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-29
VMZ-2 VM1-2
2015-03-04 01:10:04.820 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-03-04 01:10:04.820 [2015-03-04 01:10:44.999998] Done: 4476 recs. seq end:
28681554. run: 331 s
2015-03-04 13:11:39.730
2015-03-04 13:11:39.730 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-04 13:11:39.730 Control Port 2491 Opened
2015-03-04 13:11:39.730 Baler ready on Ethernet
2015-03-04 13:11:39.730 Power Cycled Baler Acknowledged
2015-03-04 13:11:39.730 Commands Accepted by Q330
2015-03-04 13:11:39.730 Access timeout: 300 sec
2015-03-04 13:11:39.730 Control Port 4023 Opened
2015-03-04 13:11:39.730 Data Port 4024 Opened
2015-03-04 13:11:39.730 Registered with Q330
2015-03-04 13:11:39.730 Combination Record Received
2015-03-04 13:11:39.730 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-04 13:11:39.730 Link Reset, starting window sequence: 52605
2015-03-04 13:11:39.730 GPS Receiver ID Received
2015-03-04 13:11:39.730 Manufacturer's Data Received, Property Tag=2017
2015-03-04 13:11:39.730 Digitizer Gain & Offsets Received
2015-03-04 13:11:39.730 Msg From 192.168.200.119:Baler XX-2017 readback. 4476 recs.
seq end: 28681554
2015-03-04 13:11:39.730 Baler clock set to 2015-03-04 13:11:38
2015-03-04 13:11:39.730 Starting to Read DP Tokens
2015-03-04 13:11:39.730 DP Tokens loaded, size=1474 bytes
2015-03-04 13:11:39.730 Webserver advertising 192.168.200.119:5380
2015-03-04 13:11:39.730 filters & delay HHZ:1@100,Linear all=0.320000

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2015-03-04 13:11:39.730 filters & delay HH1:2@100,Linear all=0.320000
2015-03-04 13:11:39.730 filters & delay HH2:3@100,Linear all=0.320000
2015-03-04 13:11:39.730 filters & delay BDH:4@20,Linear all=1.650000
2015-03-04 13:11:39.730 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-04 13:11:39.730 filters & delay LH1:2@1,Linear all=15.000000
2015-03-04 13:11:39.730 filters & delay LH2:3@1,Linear all=15.000000
2015-03-04 13:11:39.730 filters & delay LDH:4@1,Linear all=15.000000
2015-03-04 13:11:39.730 [2015-03-04 01:10:44.999998] continuity found: 28681554
478746645.000000 Q=100
2015-03-04 13:11:39.730 [2015-03-04 01:10:44.999998] restoring continuity
2015-03-04 13:11:39.730 Sending DT_OPEN
2015-03-04 13:11:39.730 Station: XX-2017
2015-03-04 13:11:39.730 Q330 Serial Number: 0100000DB18FC351
2015-03-04 13:11:39.730 AMB Serial Number: 0100000B6909DD82
2015-03-04 13:11:39.730 Seismo 1 Serial Number: 000000000000000000
2015-03-04 13:11:39.730 Seismo 2 Serial Number: 000000000000000000
2015-03-04 13:11:39.730 QAPCHP 1 Serial Number: 4643206
2015-03-04 13:11:39.730 QAPCHP 2 Serial Number: 3743050
2015-03-04 13:11:39.730 KMI Property Tag Number: 2017
2015-03-04 13:11:39.730 System Software Version: 1.146
2015-03-04 13:11:39.730 Slave Processor Version: 1.11
2015-03-04 13:11:39.730 Calibrator Type: QCAL330
2015-03-04 13:11:39.730 Calibrator Version: 1.8
2015-03-04 13:11:39.730 Auxiliary Board Type: None
2015-03-04 13:11:39.730 Clock Type: Motorola M12
2015-03-04 13:11:39.730 PLD Version: 7.9
2015-03-04 13:11:39.730 Total Hours: 73121.80
2015-03-04 13:11:39.730 Power On Hours: 37752.18
2015-03-04 13:11:39.730 Time of Last Boot: 2014-04-06 02:03:58
2015-03-04 13:11:39.730 Total Number of Boots: 120
2015-03-04 13:11:39.730 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-04 13:11:39.730 Total Number of Re-Syncs: 213
2015-03-04 13:11:39.730 Status Inputs: 00000000
2015-03-04 13:11:39.730 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-04 13:11:39.730 Clock Quality: 100%
2015-03-04 13:11:39.730 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-04 13:11:39.730 Clock Phase: 0 usec. max allowed=50000
2015-03-04 13:11:39.730 Boom positions:
2015-03-04 13:11:39.730 Ch1: -3 ch2: 5 ch3: -3 ch4: 20 ch5: 20 ch6: 20
2015-03-04 13:11:39.730 Analog Status
2015-03-04 13:11:39.730 Analog Positive Supply: 5.44V
2015-03-04 13:11:39.730 Input Voltage: 13.35V
2015-03-04 13:11:39.730 System Temperature: 5C
2015-03-04 13:11:39.730 Main Current: 62ma
2015-03-04 13:11:39.730 Antenna Current: 0ma
2015-03-04 13:11:39.730 GPS Status
2015-03-04 13:11:39.730 Time: 13:11:37
2015-03-04 13:11:39.730 Date:
2015-03-04 13:11:39.730 Fix Type: 1-D
2015-03-04 13:11:39.730 Height:
2015-03-04 13:11:39.730 Latitude:
2015-03-04 13:11:39.730 Longitude:
2015-03-04 13:11:39.730 On Time: 0min
2015-03-04 13:11:39.730 Sat. Used: 0
2015-03-04 13:11:39.730 In View: 0
2015-03-04 13:11:39.730 Checksum Errors: 0
2015-03-04 13:11:39.730 Last GPS timemark: 2015-03-04 13:11:36
2015-03-04 13:11:39.730 PLL Status
2015-03-04 13:11:39.730 State: Lock
2015-03-04 13:11:39.730 Initial VCO: 2202.047852
2015-03-04 13:11:39.730 Time Error: 0.000000
2015-03-04 13:11:39.730 RMS VCO: 0.0000000
2015-03-04 13:11:39.730 Best VCO: 2202.04

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2015-03-04 13:11:39.730 Seconds Since Track or Lock: 0.0
2015-03-04 13:11:39.730 Vco Control: 2202
2015-03-04 13:11:39.730 timing mode: external seascan
2015-03-04 13:11:39.730 tempco normal
2015-03-04 13:11:39.730 PLL update: 10s PLL lock criterion: 5us
2015-03-04 13:11:39.730 Pfrac: 150.00
2015-03-04 13:11:39.730 VCO slope: -0.0175000
2015-03-04 13:11:39.730 VCO intercept: 7.1100001
2015-03-04 13:11:39.730 km delta: 600.0000000
2015-03-04 13:11:39.730 Logical Port 4 Status
2015-03-04 13:11:39.730 Data Packets Sent: 33938167
2015-03-04 13:11:39.730 Flood Packets Sent: 0
2015-03-04 13:11:39.730 Packets Re-Sent: 53053
2015-03-04 13:11:39.730 Sequence Errors: 0
2015-03-04 13:11:39.730 Packet Buffer Used: 22815392
2015-03-04 13:11:39.730 Physical Port: Ethernet
2015-03-04 13:11:39.730 Baler Model: 14 Software Version: 2.28
2015-03-04 13:11:39.730 MAC Address: 00:04:FB:00:02:EA
2015-03-04 13:11:39.730 Disk Size: 20000669696
2015-03-04 13:11:39.730 Percent of 1177 data files in use: 63.6
2015-03-04 13:11:39.730 Channels Enabled: 1234 Preamps ON channels:
2015-03-04 13:11:39.730 Channel Sensitivities (uV per count):
2015-03-04 13:11:39.730 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-04 13:11:39.730 Digitizer Calibration Results:
2015-03-04 13:11:39.730 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-04 13:11:39.730 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-04 13:11:39.730 DMU1 Software Version=10
2015-03-04 13:11:39.730 Supply Voltage=12.7
2015-03-04 13:11:39.730 Supply Current=0.40
2015-03-04 13:11:39.730 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-04 13:11:39.730 webLink Data Maps Restored
2015-03-04 13:11:39.730 [2015-03-04 01:10:44.999998] sequence resumes: 28681554 to
28681554
2015-03-04 13:11:39.730 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-04 13:11:38
2015-03-04 13:17:29.490 Reducing Status Polling Interval
2015-03-04 13:17:29.490 [2015-03-04 13:17:28.000000] total packets received: 51615
2015-03-04 13:17:29.490 [2015-03-04 13:17:28.000000] command timeouts: 6
2015-03-04 13:17:29.490 [2015-03-04 13:17:28.000000] out of window: 79
2015-03-04 13:17:29.490 written: HHZ-1189 HH1-1422 HH2-1461 BDH-449 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2015-03-04 13:17:29.490 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-29
VMZ-1 VM1-1
2015-03-04 13:17:29.490 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-04 13:17:29.490 [2015-03-04 13:17:28.000000] Done: 4661 recs. seq end:
28725157. run: 345 s
2015-03-05 01:18:22.720
2015-03-05 01:18:22.720 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-05 01:18:22.720 Control Port 2491 Opened
2015-03-05 01:18:22.720 Baler ready on Ethernet
2015-03-05 01:18:22.720 Commands Accepted by Q330
2015-03-05 01:18:22.720 Access timeout: 300 sec
2015-03-05 01:18:22.720 Control Port 4023 Opened
2015-03-05 01:18:22.720 Data Port 4024 Opened
2015-03-05 01:18:22.720 Registered with Q330
2015-03-05 01:18:22.720 Combination Record Received
2015-03-05 01:18:22.720 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-05 01:18:22.720 Link Reset, starting window sequence: 38568
2015-03-05 01:18:22.720 GPS Receiver ID Received
2015-03-05 01:18:22.720 Manufacturer's Data Received, Property Tag=2017
2015-03-05 01:18:22.720 Digitizer Gain & Offsets Received
2015-03-05 01:18:22.720 Msg From 192.168.200.119:Baler XX-2017 readback. 4661 recs.
seq end: 28725157

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2015-03-05 01:18:22.720 Baler clock set to 2015-03-05 01:18:21  
 2015-03-05 01:18:22.720 Starting to Read DP Tokens  
 2015-03-05 01:18:22.720 DP Tokens loaded, size=1474 bytes  
 2015-03-05 01:18:22.720 Webserver advertising 192.168.200.119:5380  
 2015-03-05 01:18:22.720 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-05 01:18:22.720 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-05 01:18:22.720 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-05 01:18:22.720 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-05 01:18:22.720 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-05 01:18:22.720 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-05 01:18:22.720 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-05 01:18:22.720 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-05 01:18:22.720 [2015-03-04 13:17:28.000000] continuity found: 28725157  
 478790248.000000 Q=100  
 2015-03-05 01:18:22.720 [2015-03-04 13:17:28.000000] restoring continuity  
 2015-03-05 01:18:22.720 Sending DT\_OPEN  
 2015-03-05 01:18:22.720 Station: XX-2017  
 2015-03-05 01:18:22.720 Q330 Serial Number: 0100000DB18FC351  
 2015-03-05 01:18:22.720 AMB Serial Number: 0100000B6909DD82  
 2015-03-05 01:18:22.720 Seismo 1 Serial Number: 0000000000000000  
 2015-03-05 01:18:22.720 Seismo 2 Serial Number: 0000000000000000  
 2015-03-05 01:18:22.720 QAPCHP 1 Serial Number: 4643206  
 2015-03-05 01:18:22.720 QAPCHP 2 Serial Number: 3743050  
 2015-03-05 01:18:22.720 KMI Property Tag Number: 2017  
 2015-03-05 01:18:22.720 System Software Version: 1.146  
 2015-03-05 01:18:22.720 Slave Processor Version: 1.11  
 2015-03-05 01:18:22.720 Calibrator Type: QCAL330  
 2015-03-05 01:18:22.720 Calibrator Version: 1.8  
 2015-03-05 01:18:22.720 Auxiliary Board Type: None  
 2015-03-05 01:18:22.720 Clock Type: Motorola M12  
 2015-03-05 01:18:22.720 PLD Version: 7.9  
 2015-03-05 01:18:22.720 Total Hours: 73133.91  
 2015-03-05 01:18:22.720 Power On Hours: 37764.30  
 2015-03-05 01:18:22.720 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-05 01:18:22.720 Total Number of Boots: 120  
 2015-03-05 01:18:22.720 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-05 01:18:22.720 Total Number of Re-Syncs: 213  
 2015-03-05 01:18:22.720 Status Inputs: 00000000  
 2015-03-05 01:18:22.720 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-03-05 01:18:22.720 Clock Quality: 100%  
 2015-03-05 01:18:22.720 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-05 01:18:22.720 Clock Phase: -2 usec. max allowed=50000  
 2015-03-05 01:18:22.720 Boom positions:  
 2015-03-05 01:18:22.720 Ch1: -3 Ch2: 5 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-05 01:18:22.720 Analog Status  
 2015-03-05 01:18:22.720 Analog Positive Supply: 5.46V  
 2015-03-05 01:18:22.720 Input Voltage: 13.35V  
 2015-03-05 01:18:22.720 System Temperature: 5C  
 2015-03-05 01:18:22.720 Main Current: 61ma  
 2015-03-05 01:18:22.720 Antenna Current: 0ma  
 2015-03-05 01:18:22.720 GPS Status  
 2015-03-05 01:18:22.720 Time: 01:18:22  
 2015-03-05 01:18:22.720 Date:  
 2015-03-05 01:18:22.720 Fix Type: 1-D  
 2015-03-05 01:18:22.720 Height:  
 2015-03-05 01:18:22.720 Latitude:  
 2015-03-05 01:18:22.720 Longitude:  
 2015-03-05 01:18:22.720 On Time: 0min  
 2015-03-05 01:18:22.720 Sat. Used: 0  
 2015-03-05 01:18:22.720 In View: 0  
 2015-03-05 01:18:22.720 Checksum Errors: 0  
 2015-03-05 01:18:22.720 Last GPS timemark: 2015-03-05 01:18:21  
 2015-03-05 01:18:22.720 PLL Status



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2015-03-05 01:18:22.720 State: Lock  
 2015-03-05 01:18:22.720 Initial VCO: 2201.765137  
 2015-03-05 01:18:22.720 Time Error: 0.000000  
 2015-03-05 01:18:22.720 RMS VCO: 0.0000000  
 2015-03-05 01:18:22.720 Best VCO: 2201.72  
 2015-03-05 01:18:22.720 Seconds Since Track or Lock: 0.0  
 2015-03-05 01:18:22.720 Vco Control: 2202  
 2015-03-05 01:18:22.720 timing mode: external seascan  
 2015-03-05 01:18:22.720 tempco normal  
 2015-03-05 01:18:22.720 PLL update: 10s PLL lock criterion: 5us  
 2015-03-05 01:18:22.720 Pfrac: 150.00  
 2015-03-05 01:18:22.720 VCO slope: -0.0175000  
 2015-03-05 01:18:22.720 VCO intercept: 7.1100001  
 2015-03-05 01:18:22.720 Km delta: 600.0000000  
 2015-03-05 01:18:22.720 Logical Port 4 Status  
 2015-03-05 01:18:22.720 Data Packets Sent: 33989672  
 2015-03-05 01:18:22.720 Flood Packets Sent: 0  
 2015-03-05 01:18:22.720 Packets Re-Sent: 53149  
 2015-03-05 01:18:22.720 Sequence Errors: 0  
 2015-03-05 01:18:22.720 Packet Buffer Used: 23172044  
 2015-03-05 01:18:22.720 Physical Port: Ethernet  
 2015-03-05 01:18:22.720 Baler Model: 14 Software Version: 2.28  
 2015-03-05 01:18:22.720 MAC Address: 00:04:FB:00:02:EA  
 2015-03-05 01:18:22.720 Disk Size: 20000669696  
 2015-03-05 01:18:22.720 Percent of 1177 data files in use: 63.6  
 2015-03-05 01:18:22.720 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-05 01:18:22.720 Channel Sensitivities (uV per count):  
 2015-03-05 01:18:22.720 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-05 01:18:22.720 Digitizer Calibration Results:  
 2015-03-05 01:18:22.720 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-05 01:18:22.720 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-05 01:18:22.720 DMU1 Software Version=10  
 2015-03-05 01:18:22.720 Supply Voltage=12.7  
 2015-03-05 01:18:22.720 Supply Current=0.41  
 2015-03-05 01:18:22.720 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-05 01:18:22.720 WebLink Data Maps Restored  
 2015-03-05 01:18:22.720 [2015-03-04 13:17:28.000000] sequence resumes: 28725157 to  
 28725157  
 2015-03-05 01:18:22.720 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-05 01:18:21  
 2015-03-05 01:23:33.320 [2015-03-05 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-03-05 01:23:33.320 Reducing Status Polling Interval  
 2015-03-05 01:23:33.320 [2015-03-05 01:24:17.999998] total packets received: 58802  
 2015-03-05 01:23:33.320 [2015-03-05 01:24:17.999998] command timeouts: 6  
 2015-03-05 01:23:33.320 [2015-03-05 01:24:17.999998] out of window: 65  
 2015-03-05 01:23:33.320 written: HHZ-1206 HH1-1474 HH2-1471 BDH-451 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-05 01:23:33.320 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-30  
 VMZ-2 VM1-2  
 2015-03-05 01:23:33.320 written: VM2-1 LOG-2 ACE-2 OCF-2  
 2015-03-05 01:23:33.320 [2015-03-05 01:24:17.999998] Done: 4752 recs. seq end:  
 28768767. run: 351 s  
 2015-03-05 13:25:12.790  
 2015-03-05 13:25:12.790 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-05 13:25:12.790 Control Port 2491 Opened  
 2015-03-05 13:25:12.790 Baler ready on Ethernet  
 2015-03-05 13:25:12.790 Power Cycled Baler Acknowledged  
 2015-03-05 13:25:12.790 Commands Accepted by Q330  
 2015-03-05 13:25:12.790 Access timeout: 300 sec  
 2015-03-05 13:25:12.790 Control Port 4023 Opened  
 2015-03-05 13:25:12.790 Data Port 4024 Opened  
 2015-03-05 13:25:12.790 Registered with Q330

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2015-03-05 13:25:12.790 Combination Record Received
2015-03-05 13:25:12.790 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-05 13:25:12.790 Link Reset, starting window sequence: 31732
2015-03-05 13:25:12.790 GPS Receiver ID Received
2015-03-05 13:25:12.790 Manufacturer's Data Received, Property Tag=2017
2015-03-05 13:25:12.790 Digitizer Gain & Offsets Received
2015-03-05 13:25:12.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4752 recs.
seq end: 28768767
2015-03-05 13:25:12.790 Baler clock set to 2015-03-05 13:25:11
2015-03-05 13:25:12.790 Starting to Read DP Tokens
2015-03-05 13:25:12.790 DP Tokens loaded, size=1474 bytes
2015-03-05 13:25:12.790 webserver advertising 192.168.200.119:5380
2015-03-05 13:25:12.790 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-05 13:25:12.790 filters & delay HH1:2@100,Linear all=0.320000
2015-03-05 13:25:12.790 filters & delay HH2:3@100,Linear all=0.320000
2015-03-05 13:25:12.790 filters & delay BDH:4@20,Linear all=1.650000
2015-03-05 13:25:12.790 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-05 13:25:12.790 filters & delay LH1:2@1,Linear all=15.000000
2015-03-05 13:25:12.790 filters & delay LH2:3@1,Linear all=15.000000
2015-03-05 13:25:12.790 filters & delay LDH:4@1,Linear all=15.000000
2015-03-05 13:25:12.790 [2015-03-05 01:24:17.999998] continuity found: 28768767
478833858.000000 Q=100
2015-03-05 13:25:12.790 [2015-03-05 01:24:17.999998] restoring continuity
2015-03-05 13:25:12.790 Sending DT_OPEN
2015-03-05 13:25:12.790 Station: XX-2017
2015-03-05 13:25:12.790 Q330 Serial Number: 0100000DB18FC351
2015-03-05 13:25:12.790 AMB Serial Number: 0100000B6909DD82
2015-03-05 13:25:12.790 Seismo 1 Serial Number: 0000000000000000
2015-03-05 13:25:12.790 Seismo 2 Serial Number: 0000000000000000
2015-03-05 13:25:12.790 QAPCHP 1 Serial Number: 4643206
2015-03-05 13:25:12.790 QAPCHP 2 Serial Number: 3743050
2015-03-05 13:25:12.790 KMI Property Tag Number: 2017
2015-03-05 13:25:12.790 System Software Version: 1.146
2015-03-05 13:25:12.790 Slave Processor Version: 1.11
2015-03-05 13:25:12.790 Calibrator Type: QCAL330
2015-03-05 13:25:12.790 Calibrator Version: 1.8
2015-03-05 13:25:12.790 Auxiliary Board Type: None
2015-03-05 13:25:12.790 Clock Type: Motorola M12
2015-03-05 13:25:12.790 PLD Version: 7.9
2015-03-05 13:25:12.790 Total Hours: 73146.03
2015-03-05 13:25:12.790 Power On Hours: 37776.41
2015-03-05 13:25:12.790 Time of Last Boot: 2014-04-06 02:03:58
2015-03-05 13:25:12.790 Total Number of Boots: 120
2015-03-05 13:25:12.790 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-05 13:25:12.790 Total Number of Re-Syncs: 213
2015-03-05 13:25:12.790 Status Inputs: 00000000
2015-03-05 13:25:12.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-05 13:25:12.790 Clock Quality: 100%
2015-03-05 13:25:12.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-05 13:25:12.790 Clock Phase: 0 usec. max allowed=50000
2015-03-05 13:25:12.790 Boom positions:
2015-03-05 13:25:12.790 ch1: -2 ch2: 5 ch3: -2 ch4: 20 ch5: 20 ch6: 20
2015-03-05 13:25:12.790 Analog Status
2015-03-05 13:25:12.790 Analog Positive Supply: 5.46V
2015-03-05 13:25:12.790 Input Voltage: 13.20V
2015-03-05 13:25:12.790 System Temperature: 5C
2015-03-05 13:25:12.790 Main Current: 63ma
2015-03-05 13:25:12.790 Antenna Current: 0ma
2015-03-05 13:25:12.790 GPS Status
2015-03-05 13:25:12.790 Time: 13:25:11
2015-03-05 13:25:12.790 Date:
2015-03-05 13:25:12.790 Fix Type: 1-D
2015-03-05 13:25:12.790 Height:

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2015-03-05 13:25:12.790 Latitude:
2015-03-05 13:25:12.790 Longitude:
2015-03-05 13:25:12.790 On Time: 0min
2015-03-05 13:25:12.790 Sat. Used: 0
2015-03-05 13:25:12.790 In View: 0
2015-03-05 13:25:12.790 Checksum Errors: 0
2015-03-05 13:25:12.790 Last GPS timemark: 2015-03-05 13:25:10
2015-03-05 13:25:12.790 PLL Status
2015-03-05 13:25:12.790 State: Lock
2015-03-05 13:25:12.790 Initial VCO: 2201.998535
2015-03-05 13:25:12.790 Time Error: 0.000000
2015-03-05 13:25:12.790 RMS VCO: 0.000000
2015-03-05 13:25:12.790 Best VCO: 2202.00
2015-03-05 13:25:12.790 Seconds Since Track or Lock: 0.0
2015-03-05 13:25:12.790 Vco Control: 2202
2015-03-05 13:25:12.790 tempco normal
2015-03-05 13:25:12.790 PLL update: 10s PLL lock criterion: 5us
2015-03-05 13:25:12.790 Pfrac: 150.00
2015-03-05 13:25:12.790 VCO slope: -0.0175000
2015-03-05 13:25:12.790 VCO intercept: 7.1100001
2015-03-05 13:25:12.790 km delta: 600.000000
2015-03-05 13:25:12.790 Logical Port 4 Status
2015-03-05 13:25:12.790 Data Packets Sent: 34048377
2015-03-05 13:25:12.790 Flood Packets Sent: 0
2015-03-05 13:25:12.790 Packets Re-Sent: 53231
2015-03-05 13:25:12.790 Sequence Errors: 0
2015-03-05 13:25:12.790 Packet Buffer Used: 21779900
2015-03-05 13:25:12.790 Physical Port: Ethernet
2015-03-05 13:25:12.790 Baler Model: 14 Software Version: 2.28
2015-03-05 13:25:12.790 MAC Address: 00:04:FB:00:02:EA
2015-03-05 13:25:12.790 Disk Size: 20000669696
2015-03-05 13:25:12.790 Percent of 1177 data files in use: 63.7
2015-03-05 13:25:12.790 Channels Enabled: 1234 Preamps ON channels:
2015-03-05 13:25:12.790 Channel sensitivities (uV per count):
2015-03-05 13:25:12.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-05 13:25:12.790 Digitizer Calibration Results:
2015-03-05 13:25:12.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-05 13:25:12.790 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-05 13:25:12.790 DMU1 Software Version=10
2015-03-05 13:25:12.790 Supply Voltage=12.6
2015-03-05 13:25:12.790 Supply Current=0.42
2015-03-05 13:25:12.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-05 13:25:12.790 webLink Data Maps Restored
2015-03-05 13:25:12.790 [2015-03-05 01:24:17.999998] sequence resumes: 28768767 to
28768767
2015-03-05 13:25:12.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-05 13:25:11
2015-03-05 13:30:42.180 Reducing Status Polling Interval
2015-03-05 13:30:42.180 [2015-03-05 13:30:40.999998] total packets received: 45401
2015-03-05 13:30:42.180 [2015-03-05 13:30:40.999998] command timeouts: 6
2015-03-05 13:30:42.180 [2015-03-05 13:30:40.999998] out of window: 60
2015-03-05 13:30:42.180 written: HHZ-1142 HH1-1348 HH2-1335 BDH-448 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-05 13:30:42.180 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-27
VMZ-2 VM1-2
2015-03-05 13:30:42.180 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-05 13:30:42.180 [2015-03-05 13:30:40.999998] Done: 4416 recs. seq end:
28812350. run: 325 s
2015-03-06 01:31:37.710
2015-03-06 01:31:37.710 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-06 01:31:37.710 Control Port 2491 Opened
2015-03-06 01:31:37.710 Baler ready on Ethernet
2015-03-06 01:31:37.710 Power Cycled Baler Acknowledged

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2015-03-06 01:31:37.710 Commands Accepted by Q330
2015-03-06 01:31:37.710 Access timeout: 300 sec
2015-03-06 01:31:37.710 Control Port 4023 Opened
2015-03-06 01:31:37.710 Data Port 4024 Opened
2015-03-06 01:31:37.710 Registered with Q330
2015-03-06 01:31:37.710 Combination Record Received
2015-03-06 01:31:37.710 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-06 01:31:37.710 Link Reset, starting window sequence: 11502
2015-03-06 01:31:37.710 GPS Receiver ID Received
2015-03-06 01:31:37.710 Manufacturer's Data Received, Property Tag=2017
2015-03-06 01:31:37.710 Digitizer Gain & Offsets Received
2015-03-06 01:31:37.710 Msg From 192.168.200.119:Baler XX-2017 readback. 4416 recs.
seq end: 28812350
2015-03-06 01:31:37.710 Baler clock set to 2015-03-06 01:31:36
2015-03-06 01:31:37.710 Starting to Read DP Tokens
2015-03-06 01:31:37.710 DP Tokens loaded, size=1474 bytes
2015-03-06 01:31:37.710 webserver advertising 192.168.200.119:5380
2015-03-06 01:31:37.710 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-06 01:31:37.710 filters & delay HH1:2@100,Linear all=0.320000
2015-03-06 01:31:37.710 filters & delay HH2:3@100,Linear all=0.320000
2015-03-06 01:31:37.710 filters & delay BDH:4@20,Linear all=1.650000
2015-03-06 01:31:37.710 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-06 01:31:37.710 filters & delay LH1:2@1,Linear all=15.000000
2015-03-06 01:31:37.710 filters & delay LH2:3@1,Linear all=15.000000
2015-03-06 01:31:37.710 filters & delay LDH:4@1,Linear all=15.000000
2015-03-06 01:31:37.710 [2015-03-05 13:30:40.999998] continuity found: 28812350
478877441.000000 Q=100
2015-03-06 01:31:37.710 [2015-03-05 13:30:40.999998] restoring continuity
2015-03-06 01:31:37.710 Sending DT_OPEN
2015-03-06 01:31:37.710 Station: XX-2017
2015-03-06 01:31:37.710 Q330 Serial Number: 0100000DB18FC351
2015-03-06 01:31:37.710 AMB Serial Number: 0100000B6909DD82
2015-03-06 01:31:37.710 Seismo 1 Serial Number: 0000000000000000
2015-03-06 01:31:37.710 Seismo 2 Serial Number: 0000000000000000
2015-03-06 01:31:37.710 QAPCHP 1 Serial Number: 4643206
2015-03-06 01:31:37.710 QAPCHP 2 Serial Number: 3743050
2015-03-06 01:31:37.710 KMI Property Tag Number: 2017
2015-03-06 01:31:37.710 System Software Version: 1.146
2015-03-06 01:31:37.710 Slave Processor Version: 1.11
2015-03-06 01:31:37.710 Calibrator Type: QCAL330
2015-03-06 01:31:37.710 Calibrator Version: 1.8
2015-03-06 01:31:37.710 Auxiliary Board Type: None
2015-03-06 01:31:37.710 Clock Type: Motorola M12
2015-03-06 01:31:37.710 PLD Version: 7.9
2015-03-06 01:31:37.710 Total Hours: 73158.13
2015-03-06 01:31:37.710 Power On Hours: 37788.52
2015-03-06 01:31:37.710 Time of Last Boot: 2014-04-06 02:03:58
2015-03-06 01:31:37.710 Total Number of Boots: 120
2015-03-06 01:31:37.710 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-06 01:31:37.710 Total Number of Re-Syncs: 213
2015-03-06 01:31:37.710 Status Inputs: 00000000
2015-03-06 01:31:37.710 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-06 01:31:37.710 Clock Quality: 100%
2015-03-06 01:31:37.710 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-06 01:31:37.710 Clock Phase: 0 usec. max allowed=50000
2015-03-06 01:31:37.710 Boom positions:
2015-03-06 01:31:37.710 ch1: -3 ch2: 4 ch3: -1 ch4: 20 ch5: 20 ch6: 20
2015-03-06 01:31:37.710 Analog Status
2015-03-06 01:31:37.710 Analog Positive Supply: 5.46V
2015-03-06 01:31:37.710 Input Voltage: 13.20V
2015-03-06 01:31:37.710 System Temperature: 5C
2015-03-06 01:31:37.710 Main Current: 62ma
2015-03-06 01:31:37.710 Antenna Current: 0ma

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2015-03-06 01:31:37.710 GPS Status
2015-03-06 01:31:37.710 Time: 01:31:36
2015-03-06 01:31:37.710 Date:
2015-03-06 01:31:37.710 Fix Type: 1-D
2015-03-06 01:31:37.710 Height:
2015-03-06 01:31:37.710 Latitude:
2015-03-06 01:31:37.710 Longitude:
2015-03-06 01:31:37.710 On Time: 0min
2015-03-06 01:31:37.710 Sat. Used: 0
2015-03-06 01:31:37.710 In View: 0
2015-03-06 01:31:37.710 Checksum Errors: 0
2015-03-06 01:31:37.710 Last GPS timemark: 2015-03-06 01:31:35
2015-03-06 01:31:37.710 PLL Status
2015-03-06 01:31:37.710 State: Lock
2015-03-06 01:31:37.710 Initial VCO: 2201.936035
2015-03-06 01:31:37.710 Time Error: 0.000000
2015-03-06 01:31:37.710 RMS VCO: 0.0000000
2015-03-06 01:31:37.710 Best VCO: 2202.02
2015-03-06 01:31:37.710 Seconds Since Track or Lock: 0.0
2015-03-06 01:31:37.710 Vco Control: 2202
2015-03-06 01:31:37.710 timing mode: external seascan
2015-03-06 01:31:37.710 tempco normal
2015-03-06 01:31:37.710 PLL update: 10s PLL lock criterion: 5us
2015-03-06 01:31:37.710 Pfrac: 150.00
2015-03-06 01:31:37.710 VCO slope: -0.0175000
2015-03-06 01:31:37.710 VCO intercept: 7.1100001
2015-03-06 01:31:37.710 km delta: 600.0000000
2015-03-06 01:31:37.710 Logical Port 4 Status
2015-03-06 01:31:37.710 Data Packets Sent: 34093688
2015-03-06 01:31:37.710 Flood Packets Sent: 0
2015-03-06 01:31:37.710 Packets Re-Sent: 53312
2015-03-06 01:31:37.710 Sequence Errors: 0
2015-03-06 01:31:37.710 Packet Buffer Used: 23811892
2015-03-06 01:31:37.710 Physical Port: Ethernet
2015-03-06 01:31:37.710 Baler Model: 14 Software Version: 2.28
2015-03-06 01:31:37.710 MAC Address: 00:04:FB:00:02:EA
2015-03-06 01:31:37.710 Disk Size: 20000669696
2015-03-06 01:31:37.710 Percent of 1177 data files in use: 63.8
2015-03-06 01:31:37.710 Channels Enabled: 1234 Preamps ON channels:
2015-03-06 01:31:37.710 Channel Sensitivities (uV per count):
2015-03-06 01:31:37.710 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-06 01:31:37.710 Digitizer Calibration Results:
2015-03-06 01:31:37.710 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-06 01:31:37.710 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-06 01:31:37.710 DMU1 Software Version=10
2015-03-06 01:31:37.710 Supply Voltage=12.6
2015-03-06 01:31:37.710 Supply Current=0.41
2015-03-06 01:31:37.710 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-06 01:31:37.710 webLink Data Maps Restored
2015-03-06 01:31:37.710 [2015-03-05 13:30:40.999998] sequence resumes: 28812350 to
28812350
2015-03-06 01:31:37.710 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-06 01:31:36
2015-03-06 01:36:58.690 [2015-03-06 00:00:00.000000] saving Configuration to Backup
Memory
2015-03-06 01:36:58.690 Reducing Status Polling Interval
2015-03-06 01:36:58.690 [2015-03-06 01:37:43.999998] total packets received: 69003
2015-03-06 01:36:58.690 [2015-03-06 01:37:43.999998] command timeouts: 6
2015-03-06 01:36:58.690 [2015-03-06 01:37:43.999998] out of window: 59
2015-03-06 01:36:58.690 written: HHZ-1269 HH1-1521 HH2-1507 BDH-454 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-03-06 01:36:58.690 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-29 LH2-28 LDH-33
VMZ-1 VM1-1

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2015-03-06 01:36:58.690 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2015-03-06 01:36:58.690 [2015-03-06 01:37:43.999998] Done: 4907 recs. seq end:
28855973. run: 364 s
2015-03-06 13:38:41.730
2015-03-06 13:38:41.730 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-06 13:38:41.730 Control Port 2491 Opened
2015-03-06 13:38:41.730 Baler ready on Ethernet
2015-03-06 13:38:41.730 Power Cycled Baler Acknowledged
2015-03-06 13:38:41.730 Commands Accepted by Q330
2015-03-06 13:38:41.730 Access timeout: 300 sec
2015-03-06 13:38:41.730 Control Port 4023 Opened
2015-03-06 13:38:41.730 Data Port 4024 Opened
2015-03-06 13:38:41.730 Registered with Q330
2015-03-06 13:38:41.730 Combination Record Received
2015-03-06 13:38:41.730 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-06 13:38:41.730 Link Reset, starting window sequence: 14872
2015-03-06 13:38:41.730 GPS Receiver ID Received
2015-03-06 13:38:41.730 Manufacturer's Data Received, Property Tag=2017
2015-03-06 13:38:41.730 Digitizer Gain & Offsets Received
2015-03-06 13:38:41.730 Msg From 192.168.200.119:Baler XX-2017 readback. 4907 recs.
seq end: 28855973
2015-03-06 13:38:41.730 Baler clock set to 2015-03-06 13:38:40
2015-03-06 13:38:41.730 Starting to Read DP Tokens
2015-03-06 13:38:41.730 DP Tokens loaded, size=1474 bytes
2015-03-06 13:38:41.730 Webserver advertising 192.168.200.119:5380
2015-03-06 13:38:41.730 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-06 13:38:41.730 filters & delay HH1:2@100,Linear all=0.320000
2015-03-06 13:38:41.730 filters & delay HH2:3@100,Linear all=0.320000
2015-03-06 13:38:41.730 filters & delay BDH:4@20,Linear all=1.650000
2015-03-06 13:38:41.730 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-06 13:38:41.730 filters & delay LH1:2@1,Linear all=15.000000
2015-03-06 13:38:41.730 filters & delay LH2:3@1,Linear all=15.000000
2015-03-06 13:38:41.730 filters & delay LDH:4@1,Linear all=15.000000
2015-03-06 13:38:41.730 [2015-03-06 01:37:43.999998] continuity found: 28855973
478921064.000000 Q=100
2015-03-06 13:38:41.730 [2015-03-06 01:37:43.999998] restoring continuity
2015-03-06 13:38:41.730 Sending DT_OPEN
2015-03-06 13:38:41.730 Station: XX-2017
2015-03-06 13:38:41.730 AMB Serial Number: 0100000B6909DD82
2015-03-06 13:38:41.730 Seismo 1 Serial Number: 0000000000000000
2015-03-06 13:38:41.730 Seismo 2 Serial Number: 0000000000000000
2015-03-06 13:38:41.730 QAPCHP 1 Serial Number: 4643206
2015-03-06 13:38:41.730 QAPCHP 2 Serial Number: 3743050
2015-03-06 13:38:41.730 KMI Property Tag Number: 2017
2015-03-06 13:38:41.730 System Software Version: 1.146
2015-03-06 13:38:41.730 Slave Processor Version: 1.11
2015-03-06 13:38:41.730 Calibrator Type: QCAL330
2015-03-06 13:38:41.730 Calibrator Version: 1.8
2015-03-06 13:38:41.730 Auxiliary Board Type: None
2015-03-06 13:38:41.730 Clock Type: Motorola M12
2015-03-06 13:38:41.730 PLD Version: 7.9
2015-03-06 13:38:41.730 Total Hours: 73170.25
2015-03-06 13:38:41.730 Power On Hours: 37800.64
2015-03-06 13:38:41.730 Time of Last Boot: 2014-04-06 02:03:58
2015-03-06 13:38:41.730 Total Number of Boots: 120
2015-03-06 13:38:41.730 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-06 13:38:41.730 Total Number of Re-Syncs: 213
2015-03-06 13:38:41.730 Status Inputs: 00000000
2015-03-06 13:38:41.730 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-06 13:38:41.730 Clock Quality: 100%
2015-03-06 13:38:41.730 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-06 13:38:41.730 Clock Phase: 0 usec. max allowed=50000
2015-03-06 13:38:41.730 Boom positions:

```

```

S01_messages.txt
2015-03-06 13:38:41.730 Ch1: -3 Ch2: 4 Ch3: -1 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-06 13:38:41.730 Analog Status
2015-03-06 13:38:41.730 Analog Positive Supply: 5.46V
2015-03-06 13:38:41.730 Input Voltage: 13.20V
2015-03-06 13:38:41.730 System Temperature: 5C
2015-03-06 13:38:41.730 Main Current: 62ma
2015-03-06 13:38:41.730 Antenna Current: 0ma
2015-03-06 13:38:41.730 GPS Status
2015-03-06 13:38:41.730 Time: 13:38:40
2015-03-06 13:38:41.730 Date:
2015-03-06 13:38:41.730 Fix Type: 1-D
2015-03-06 13:38:41.730 Height:
2015-03-06 13:38:41.730 Latitude:
2015-03-06 13:38:41.730 Longitude:
2015-03-06 13:38:41.730 On Time: 0min
2015-03-06 13:38:41.730 Sat. Used: 0
2015-03-06 13:38:41.730 In View: 0
2015-03-06 13:38:41.730 Checksum Errors: 0
2015-03-06 13:38:41.730 Last GPS timemark: 2015-03-06 13:38:39
2015-03-06 13:38:41.730 PLL Status
2015-03-06 13:38:41.730 State: Lock
2015-03-06 13:38:41.730 Initial VCO: 2201.402100
2015-03-06 13:38:41.730 Time Error: 0.000000
2015-03-06 13:38:41.730 RMS VCO: 0.0000000
2015-03-06 13:38:41.730 Best VCO: 2201.36
2015-03-06 13:38:41.730 Seconds Since Track or Lock: 0.0
2015-03-06 13:38:41.730 Vco Control: 2201
2015-03-06 13:38:41.730 timing mode: external seascan
2015-03-06 13:38:41.730 tempco normal
2015-03-06 13:38:41.730 PLL update: 10s PLL lock criterion: 5us
2015-03-06 13:38:41.730 Pfrac: 150.00
2015-03-06 13:38:41.730 VCO slope: -0.0175000
2015-03-06 13:38:41.730 VCO intercept: 7.1100001
2015-03-06 13:38:41.730 Km delta: 600.0000000
2015-03-06 13:38:41.730 Logical Port 4 Status
2015-03-06 13:38:41.730 Data Packets Sent: 34162600
2015-03-06 13:38:41.730 Flood Packets Sent: 0
2015-03-06 13:38:41.730 Packets Re-Sent: 53390
2015-03-06 13:38:41.730 Sequence Errors: 0
2015-03-06 13:38:41.730 Packet Buffer Used: 23988628
2015-03-06 13:38:41.730 Physical Port: Ethernet
2015-03-06 13:38:41.730 Baler Model: 14 Software Version: 2.28
2015-03-06 13:38:41.730 MAC Address: 00:04:FB:00:02:EA
2015-03-06 13:38:41.730 Disk Size: 20000669696
2015-03-06 13:38:41.730 Percent of 1177 data files in use: 63.8
2015-03-06 13:38:41.730 Channels Enabled: 1234 Preamps ON channels:
2015-03-06 13:38:41.730 Channel Sensitivities (uV per count):
2015-03-06 13:38:41.730 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-06 13:38:41.730 Digitizer Calibration Results:
2015-03-06 13:38:41.730 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-06 13:38:41.730 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-06 13:38:41.730 DMU1 Software Version=10
2015-03-06 13:38:41.730 Supply Voltage=12.6
2015-03-06 13:38:41.730 Supply Current=0.40
2015-03-06 13:38:41.730 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-06 13:38:41.730 WebLink Data Maps Restored
2015-03-06 13:38:41.730 [2015-03-06 01:37:43.999998] sequence resumes: 28855973 to
28855973
2015-03-06 13:38:41.730 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-03-06 13:38:40
2015-03-06 13:44:49.900 [2015-03-06 13:41:44.000000] total packets received: 68642
2015-03-06 13:44:49.900 [2015-03-06 13:41:44.000000] command timeouts: 6
2015-03-06 13:44:49.900 [2015-03-06 13:41:44.000000] out of window: 65

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S01\_messages.txt

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2015-03-06 13:44:49.900 written: HHZ-1296 HH1-1487 HH2-1533 BDH-457 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-03-06 13:44:49.900 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-26 LH1-36 LH2-37 LDH-44
VMZ-2 VM1-2
2015-03-06 13:44:49.900 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-06 13:44:49.900 [2015-03-06 13:41:44.000000] Done: 4958 recs. seq end:
28899413. run: 365 s
2015-03-07 01:45:45.760
2015-03-07 01:45:45.760 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-07 01:45:45.760 Control Port 2491 Opened
2015-03-07 01:45:45.760 Baler ready on Ethernet
2015-03-07 01:45:45.760 Power Cycled Baler Acknowledged
2015-03-07 01:45:45.760 Commands Accepted by Q330
2015-03-07 01:45:45.760 Access timeout: 300 sec
2015-03-07 01:45:45.760 Control Port 4023 Opened
2015-03-07 01:45:45.760 Data Port 4024 Opened
2015-03-07 01:45:45.760 Registered with Q330
2015-03-07 01:45:45.760 Combination Record Received
2015-03-07 01:45:45.760 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-07 01:45:45.760 Link Reset, starting window sequence: 17876
2015-03-07 01:45:45.760 GPS Receiver ID Received
2015-03-07 01:45:45.760 Manufacturer's Data Received, Property Tag=2017
2015-03-07 01:45:45.760 Digitizer Gain & Offsets Received
2015-03-07 01:45:45.760 Msg From 192.168.200.119:Baler XX-2017 readback. 4958 recs.
seq end: 28899413
2015-03-07 01:45:45.760 Baler clock set to 2015-03-07 01:45:44
2015-03-07 01:45:45.760 Starting to Read DP Tokens
2015-03-07 01:45:45.760 DP Tokens loaded, size=1474 bytes
2015-03-07 01:45:45.760 webserver advertising 192.168.200.119:5380
2015-03-07 01:45:45.760 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-07 01:45:45.760 filters & delay HH1:2@100,Linear all=0.320000
2015-03-07 01:45:45.760 filters & delay HH2:3@100,Linear all=0.320000
2015-03-07 01:45:45.760 filters & delay BDH:4@20,Linear all=1.650000
2015-03-07 01:45:45.760 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-07 01:45:45.760 filters & delay LH1:2@1,Linear all=15.000000
2015-03-07 01:45:45.760 filters & delay LH2:3@1,Linear all=15.000000
2015-03-07 01:45:45.760 filters & delay LDH:4@1,Linear all=15.000000
2015-03-07 01:45:45.760 [2015-03-06 13:41:44.000000] continuity found: 28899413
478964504.000000 Q=100
2015-03-07 01:45:45.760 [2015-03-06 13:41:44.000000] restoring continuity
2015-03-07 01:45:45.760 Sending DT_OPEN
2015-03-07 01:45:45.760 Station: XX-2017
2015-03-07 01:45:45.760 Q330 Serial Number: 0100000DB18FC351
2015-03-07 01:45:45.760 AMB Serial Number: 0100000B6909DD82
2015-03-07 01:45:45.760 Seismo 1 Serial Number: 0000000000000000
2015-03-07 01:45:45.760 Seismo 2 Serial Number: 0000000000000000
2015-03-07 01:45:45.760 QAPCHP 1 Serial Number: 4643206
2015-03-07 01:45:45.760 QAPCHP 2 Serial Number: 3743050
2015-03-07 01:45:45.760 KMI Property Tag Number: 2017
2015-03-07 01:45:45.760 System Software Version: 1.146
2015-03-07 01:45:45.760 Slave Processor Version: 1.11
2015-03-07 01:45:45.760 Calibrator Type: QCAL330
2015-03-07 01:45:45.760 Calibrator Version: 1.8
2015-03-07 01:45:45.760 Auxiliary Board Type: None
2015-03-07 01:45:45.760 Clock Type: Motorola M12
2015-03-07 01:45:45.760 PLD Version: 7.9
2015-03-07 01:45:45.760 Total Hours: 73182.37
2015-03-07 01:45:45.760 Power On Hours: 37812.75
2015-03-07 01:45:45.760 Time of Last Boot: 2014-04-06 02:03:58
2015-03-07 01:45:45.760 Total Number of Boots: 120
2015-03-07 01:45:45.760 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-07 01:45:45.760 Total Number of Re-Syncs: 213
2015-03-07 01:45:45.760 Status Inputs: 00000000

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2015-03-07 01:45:45.760 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-07 01:45:45.760 Clock Quality: 100%  
 2015-03-07 01:45:45.760 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-07 01:45:45.760 Clock Phase: 0 usec. max allowed=50000  
 2015-03-07 01:45:45.760 Boom positions:  
 2015-03-07 01:45:45.760 Ch1: -3 Ch2: 4 Ch3: 0 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-07 01:45:45.760 Analog Status  
 2015-03-07 01:45:45.760 Analog Positive Supply: 5.46v  
 2015-03-07 01:45:45.760 Input Voltage: 13.20v  
 2015-03-07 01:45:45.760 System Temperature: 5C  
 2015-03-07 01:45:45.760 Main Current: 62ma  
 2015-03-07 01:45:45.760 Antenna Current: 0ma  
 2015-03-07 01:45:45.760 GPS Status  
 2015-03-07 01:45:45.760 Time: 01:45:43  
 2015-03-07 01:45:45.760 Date:  
 2015-03-07 01:45:45.760 Fix Type: 1-D  
 2015-03-07 01:45:45.760 Height:  
 2015-03-07 01:45:45.760 Latitude:  
 2015-03-07 01:45:45.760 Longitude:  
 2015-03-07 01:45:45.760 On Time: 0min  
 2015-03-07 01:45:45.760 Sat. Used: 0  
 2015-03-07 01:45:45.760 In View: 0  
 2015-03-07 01:45:45.760 Checksum Errors: 0  
 2015-03-07 01:45:45.760 Last GPS timemark: 2015-03-07 01:45:42  
 2015-03-07 01:45:45.760 PLL Status  
 2015-03-07 01:45:45.760 State: Lock  
 2015-03-07 01:45:45.760 Initial VCO: 2201.649414  
 2015-03-07 01:45:45.760 Time Error: 0.000000  
 2015-03-07 01:45:45.760 RMS VCO: 0.000000  
 2015-03-07 01:45:45.760 Best VCO: 2201.57  
 2015-03-07 01:45:45.760 Seconds Since Track or Lock: 0.0  
 2015-03-07 01:45:45.760 Vco Control: 2202  
 2015-03-07 01:45:45.760 timing mode: external seascan  
 2015-03-07 01:45:45.760 tempco normal  
 2015-03-07 01:45:45.760 PLL update: 10s PLL lock criterion: 5us  
 2015-03-07 01:45:45.760 Pfrac: 150.00  
 2015-03-07 01:45:45.760 VCO slope: -0.0175000  
 2015-03-07 01:45:45.760 VCO intercept: 7.1100001  
 2015-03-07 01:45:45.760 km delta: 600.000000  
 2015-03-07 01:45:45.760 Logical Port 4 Status  
 2015-03-07 01:45:45.760 Data Packets Sent: 34231145  
 2015-03-07 01:45:45.760 Flood Packets Sent: 0  
 2015-03-07 01:45:45.760 Packets Re-Sent: 53476  
 2015-03-07 01:45:45.760 Sequence Errors: 0  
 2015-03-07 01:45:45.760 Packet Buffer Used: 22702644  
 2015-03-07 01:45:45.760 Physical Port: Ethernet  
 2015-03-07 01:45:45.760 Baler Model: 14 Software Version: 2.28  
 2015-03-07 01:45:45.760 MAC Address: 00:04:FB:00:02:EA  
 2015-03-07 01:45:45.760 Disk Size: 20000669696  
 2015-03-07 01:45:45.760 Percent of 1177 data files in use: 64.1  
 2015-03-07 01:45:45.760 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-07 01:45:45.760 Channel Sensitivities (uV per count):  
 2015-03-07 01:45:45.760 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-07 01:45:45.760 Digitizer Calibration Results:  
 2015-03-07 01:45:45.760 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-07 01:45:45.760 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-07 01:45:45.760 DMU1 Software Version=10  
 2015-03-07 01:45:45.760 Supply Voltage=12.7  
 2015-03-07 01:45:45.760 Supply Current=0.41  
 2015-03-07 01:45:45.760 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-07 01:45:45.760 webLink Data Maps Restored  
 2015-03-07 01:45:45.760 [2015-03-06 13:41:44.000000] sequence resumes: 28899413 to 28899413

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2015-03-07 01:45:45.760 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-07 01:45:44
2015-03-07 01:50:27.470 [2015-03-07 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-07 01:50:27.470 Reducing Status Polling Interval
2015-03-07 01:50:27.470 [2015-03-07 01:51:22.000000] total packets received: 49309
2015-03-07 01:50:27.470 [2015-03-07 01:51:22.000000] out of window: 58
2015-03-07 01:50:27.470 written: HHZ-1206 HH1-1413 HH2-1415 BDH-458 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-07 01:50:27.470 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-26 LH2-27 LDH-37
VMZ-2 VM1-2
2015-03-07 01:50:27.470 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-03-07 01:50:27.470 [2015-03-07 01:51:22.000000] Done: 4655 recs. seq end:
28943191. run: 334 s
2015-03-07 13:52:18.800
2015-03-07 13:52:18.800 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-07 13:52:18.800 Control Port 2491 Opened
2015-03-07 13:52:18.800 Baler ready on Ethernet
2015-03-07 13:52:18.800 Power Cycled Baler Acknowledged
2015-03-07 13:52:18.800 Commands Accepted by Q330
2015-03-07 13:52:18.800 Access timeout: 300 sec
2015-03-07 13:52:18.800 Control Port 4023 Opened
2015-03-07 13:52:18.800 Data Port 4024 Opened
2015-03-07 13:52:18.800 Registered with Q330
2015-03-07 13:52:18.800 Combination Record Received
2015-03-07 13:52:18.800 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-07 13:52:18.800 Link Reset, starting window sequence: 1555
2015-03-07 13:52:18.800 GPS Receiver ID Received
2015-03-07 13:52:18.800 Manufacturer's Data Received, Property Tag=2017
2015-03-07 13:52:18.800 Digitizer Gain & Offsets Received
2015-03-07 13:52:18.800 Msg From 192.168.200.119:Baler XX-2017 readback. 4655 recs.
seq end: 28943191
2015-03-07 13:52:18.800 Baler clock set to 2015-03-07 13:52:17
2015-03-07 13:52:18.800 Starting to Read DP Tokens
2015-03-07 13:52:18.800 DP Tokens loaded, size=1474 bytes
2015-03-07 13:52:18.800 Webserver advertising 192.168.200.119:5380
2015-03-07 13:52:18.800 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-07 13:52:18.800 filters & delay HH1:2@100,Linear all=0.320000
2015-03-07 13:52:18.800 filters & delay HH2:3@100,Linear all=0.320000
2015-03-07 13:52:18.800 filters & delay BDH:4@20,Linear all=1.650000
2015-03-07 13:52:18.800 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-07 13:52:18.800 filters & delay LH1:2@1,Linear all=15.000000
2015-03-07 13:52:18.800 filters & delay LH2:3@1,Linear all=15.000000
2015-03-07 13:52:18.800 filters & delay LDH:4@1,Linear all=15.000000
2015-03-07 13:52:18.800 [2015-03-07 01:51:22.000000] continuity found: 28943191
479008282.000000 Q=100
2015-03-07 13:52:18.800 [2015-03-07 01:51:22.000000] restoring continuity
2015-03-07 13:52:18.800 Sending DT_OPEN
2015-03-07 13:52:18.800 Station: XX-2017
2015-03-07 13:52:18.800 Q330 Serial Number: 0100000DB18FC351
2015-03-07 13:52:18.800 AMB Serial Number: 0100000B6909DD82
2015-03-07 13:52:18.800 Seismo 1 Serial Number: 0000000000000000
2015-03-07 13:52:18.800 Seismo 2 Serial Number: 0000000000000000
2015-03-07 13:52:18.800 QAPCHP 1 Serial Number: 4643206
2015-03-07 13:52:18.800 QAPCHP 2 Serial Number: 3743050
2015-03-07 13:52:18.800 KMI Property Tag Number: 2017
2015-03-07 13:52:18.800 System Software Version: 1.146
2015-03-07 13:52:18.800 Slave Processor Version: 1.11
2015-03-07 13:52:18.800 Calibrator Type: QCAL330
2015-03-07 13:52:18.800 Calibrator Version: 1.8
2015-03-07 13:52:18.800 Auxiliary Board Type: None
2015-03-07 13:52:18.800 Clock Type: Motorola M12
2015-03-07 13:52:18.800 PLD Version: 7.9

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2015-03-07 13:52:18.800 Total Hours: 73194.48  
 2015-03-07 13:52:18.800 Power On Hours: 37824.86  
 2015-03-07 13:52:18.800 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-07 13:52:18.800 Total Number of Boots: 120  
 2015-03-07 13:52:18.800 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-07 13:52:18.800 Total Number of Re-Syncs: 213  
 2015-03-07 13:52:18.800 Status Inputs: 00000000  
 2015-03-07 13:52:18.800 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-07 13:52:18.800 Clock Quality: 100%  
 2015-03-07 13:52:18.800 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-07 13:52:18.800 Clock Phase: 0 usec. max allowed=50000  
 2015-03-07 13:52:18.800 Boom positions:  
 2015-03-07 13:52:18.800 ch1: -3 ch2: 4 ch3: 0 ch4: 20 ch5: 20 ch6: 20  
 2015-03-07 13:52:18.800 Analog Status  
 2015-03-07 13:52:18.800 Analog Positive Supply: 5.46V  
 2015-03-07 13:52:18.800 Input Voltage: 13.20V  
 2015-03-07 13:52:18.800 System Temperature: 5C  
 2015-03-07 13:52:18.800 Main Current: 62ma  
 2015-03-07 13:52:18.800 Antenna Current: 0ma  
 2015-03-07 13:52:18.800 GPS Status  
 2015-03-07 13:52:18.800 Time: 13:52:17  
 2015-03-07 13:52:18.800 Date:  
 2015-03-07 13:52:18.800 Fix Type: 1-D  
 2015-03-07 13:52:18.800 Height:  
 2015-03-07 13:52:18.800 Latitude:  
 2015-03-07 13:52:18.800 Longitude:  
 2015-03-07 13:52:18.800 On Time: 0min  
 2015-03-07 13:52:18.800 Sat. Used: 0  
 2015-03-07 13:52:18.800 In View: 0  
 2015-03-07 13:52:18.800 Checksum Errors: 0  
 2015-03-07 13:52:18.800 Last GPS timemark: 2015-03-07 13:52:16  
 2015-03-07 13:52:18.800 PLL Status  
 2015-03-07 13:52:18.800 State: Lock  
 2015-03-07 13:52:18.800 Initial VCO: 2201.646729  
 2015-03-07 13:52:18.800 Time Error: 0.000000  
 2015-03-07 13:52:18.800 RMS VCO: 0.000000  
 2015-03-07 13:52:18.800 Best VCO: 2201.67  
 2015-03-07 13:52:18.800 Seconds Since Track or Lock: 0.0  
 2015-03-07 13:52:18.800 Vco Control: 2202  
 2015-03-07 13:52:18.800 timing mode: external seascan  
 2015-03-07 13:52:18.800 tempco normal  
 2015-03-07 13:52:18.800 PLL update: 10s PLL lock criterion: 5us  
 2015-03-07 13:52:18.800 Pfrac: 150.00  
 2015-03-07 13:52:18.800 VCO slope: -0.0175000  
 2015-03-07 13:52:18.800 VCO intercept: 7.1100001  
 2015-03-07 13:52:18.800 km delta: 600.0000000  
 2015-03-07 13:52:18.800 Logical Port 4 Status  
 2015-03-07 13:52:18.800 Data Packets Sent: 34280365  
 2015-03-07 13:52:18.800 Flood Packets Sent: 0  
 2015-03-07 13:52:18.800 Packets Re-Sent: 53552  
 2015-03-07 13:52:18.800 Sequence Errors: 0  
 2015-03-07 13:52:18.800 Packet Buffer Used: 21534372  
 2015-03-07 13:52:18.800 Physical Port: Ethernet  
 2015-03-07 13:52:18.800 Baler Model: 14 Software Version: 2.28  
 2015-03-07 13:52:18.800 MAC Address: 00:04:FB:00:02:EA  
 2015-03-07 13:52:18.800 Disk Size: 20000669696  
 2015-03-07 13:52:18.800 Percent of 1177 data files in use: 64.1  
 2015-03-07 13:52:18.800 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-07 13:52:18.800 Channel sensitivities (uV per count):  
 2015-03-07 13:52:18.800 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-07 13:52:18.800 Digitizer Calibration Results:  
 2015-03-07 13:52:18.800 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-07 13:52:18.800 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%

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2015-03-07 13:52:18.800 DMU1 Software Version=10  
 2015-03-07 13:52:18.800 Supply Voltage=12.7  
 2015-03-07 13:52:18.800 Supply Current=0.40  
 2015-03-07 13:52:18.800 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-07 13:52:18.800 WebLink Data Maps Restored  
 2015-03-07 13:52:18.800 [2015-03-07 01:51:22.000000] sequence resumes: 28943191 to 28943191  
 2015-03-07 13:52:18.800 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-07 13:52:17  
 2015-03-07 13:57:43.140 Reducing Status Polling Interval  
 2015-03-07 13:57:43.140 [2015-03-07 13:57:42.999998] total packets received: 44022  
 2015-03-07 13:57:43.140 [2015-03-07 13:57:42.999998] command timeouts: 6  
 2015-03-07 13:57:43.140 [2015-03-07 13:57:42.999998] out of window: 60  
 2015-03-07 13:57:43.140 written: HHZ-1125 HH1-1310 HH2-1329 BDH-449 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-03-07 13:57:43.140 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-31  
 VMZ-1 VM1-1  
 2015-03-07 13:57:43.140 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-03-07 13:57:43.140 [2015-03-07 13:57:42.999998] Done: 4355 recs. seq end: 28986772. run: 320 s  
 2015-03-08 01:58:37.790  
 2015-03-08 01:58:37.790 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-08 01:58:37.790 Control Port 2491 Opened  
 2015-03-08 01:58:37.790 Baler ready on Ethernet  
 2015-03-08 01:58:37.790 Power Cycled Baler Acknowledged  
 2015-03-08 01:58:37.790 Commands Accepted by Q330  
 2015-03-08 01:58:37.790 Access timeout: 300 sec  
 2015-03-08 01:58:37.790 Control Port 4023 Opened  
 2015-03-08 01:58:37.790 Data Port 4024 Opened  
 2015-03-08 01:58:37.790 Registered with Q330  
 2015-03-08 01:58:37.790 Combination Record Received  
 2015-03-08 01:58:37.790 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-08 01:58:37.790 Link Reset, starting window sequence: 45482  
 2015-03-08 01:58:37.790 GPS Receiver ID Received  
 2015-03-08 01:58:37.790 Manufacturer's Data Received, Property Tag=2017  
 2015-03-08 01:58:37.790 Digitizer Gain & Offsets Received  
 2015-03-08 01:58:37.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4355 recs. seq end: 28986772  
 2015-03-08 01:58:37.790 Baler clock set to 2015-03-08 01:58:36  
 2015-03-08 01:58:37.790 Starting to Read DP Tokens  
 2015-03-08 01:58:37.790 DP Tokens loaded, size=1474 bytes  
 2015-03-08 01:58:37.790 Webserver advertising 192.168.200.119:5380  
 2015-03-08 01:58:37.790 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-08 01:58:37.790 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-08 01:58:37.790 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-08 01:58:37.790 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-08 01:58:37.790 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-08 01:58:37.790 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-08 01:58:37.790 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-08 01:58:37.790 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-08 01:58:37.790 [2015-03-07 13:57:42.999998] continuity found: 28986772 479051863.000000 Q=100  
 2015-03-08 01:58:37.790 [2015-03-07 13:57:42.999998] restoring continuity  
 2015-03-08 01:58:37.790 Sending DT\_OPEN  
 2015-03-08 01:58:37.790 Station: XX-2017  
 2015-03-08 01:58:37.790 Q330 Serial Number: 0100000DB18FC351  
 2015-03-08 01:58:37.790 AMB Serial Number: 0100000B6909DD82  
 2015-03-08 01:58:37.790 Seismo 1 Serial Number: 0000000000000000  
 2015-03-08 01:58:37.790 Seismo 2 Serial Number: 0000000000000000  
 2015-03-08 01:58:37.790 QAPCHP 1 Serial Number: 4643206  
 2015-03-08 01:58:37.790 QAPCHP 2 Serial Number: 3743050  
 2015-03-08 01:58:37.790 KMI Property Tag Number: 2017  
 2015-03-08 01:58:37.790 System Software Version: 1.146

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2015-03-08 01:58:37.790 Slave Processor Version: 1.11  
 2015-03-08 01:58:37.790 Calibrator Type: QCAL330  
 2015-03-08 01:58:37.790 Calibrator Version: 1.8  
 2015-03-08 01:58:37.790 Auxiliary Board Type: None  
 2015-03-08 01:58:37.790 Clock Type: Motorola M12  
 2015-03-08 01:58:37.790 PLD Version: 7.9  
 2015-03-08 01:58:37.790 Total Hours: 73206.58  
 2015-03-08 01:58:37.790 Power On Hours: 37836.97  
 2015-03-08 01:58:37.790 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-08 01:58:37.790 Total Number of Boots: 120  
 2015-03-08 01:58:37.790 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-08 01:58:37.790 Total Number of Re-Syncs: 213  
 2015-03-08 01:58:37.790 Status Inputs: 00000000  
 2015-03-08 01:58:37.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-08 01:58:37.790 Clock Quality: 100%  
 2015-03-08 01:58:37.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-08 01:58:37.790 Clock Phase: 0 usec. max allowed=50000  
 2015-03-08 01:58:37.790 Boom positions:  
 2015-03-08 01:58:37.790 Ch1: -3 Ch2: 3 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-08 01:58:37.790 Analog Status  
 2015-03-08 01:58:37.790 Analog Positive Supply: 5.46V  
 2015-03-08 01:58:37.790 Input Voltage: 13.20V  
 2015-03-08 01:58:37.790 System Temperature: 5C  
 2015-03-08 01:58:37.790 Main Current: 62ma  
 2015-03-08 01:58:37.790 Antenna Current: 0ma  
 2015-03-08 01:58:37.790 GPS Status  
 2015-03-08 01:58:37.790 Time: 01:58:36  
 2015-03-08 01:58:37.790 Date:  
 2015-03-08 01:58:37.790 Fix Type: 1-D  
 2015-03-08 01:58:37.790 Height:  
 2015-03-08 01:58:37.790 Longitude:  
 2015-03-08 01:58:37.790 On Time: 0min  
 2015-03-08 01:58:37.790 Sat. Used: 0  
 2015-03-08 01:58:37.790 In View: 0  
 2015-03-08 01:58:37.790 Checksum Errors: 0  
 2015-03-08 01:58:37.790 Last GPS timemark: 2015-03-08 01:58:35  
 2015-03-08 01:58:37.790 PLL Status  
 2015-03-08 01:58:37.790 State: Lock  
 2015-03-08 01:58:37.790 Initial VCO: 2201.837158  
 2015-03-08 01:58:37.790 Time Error: 0.000000  
 2015-03-08 01:58:37.790 RMS VCO: 0.000000  
 2015-03-08 01:58:37.790 Best VCO: 2201.98  
 2015-03-08 01:58:37.790 Seconds Since Track or Lock: 0.0  
 2015-03-08 01:58:37.790 Vco Control: 2202  
 2015-03-08 01:58:37.790 timing mode: external seascan  
 2015-03-08 01:58:37.790 tempco normal  
 2015-03-08 01:58:37.790 PLL update: 10s PLL lock criterion: 5us  
 2015-03-08 01:58:37.790 Pfrac: 150.00  
 2015-03-08 01:58:37.790 VCO slope: -0.0175000  
 2015-03-08 01:58:37.790 VCO intercept: 7.1100001  
 2015-03-08 01:58:37.790 Km delta: 600.0000000  
 2015-03-08 01:58:37.790 Logical Port 4 Status  
 2015-03-08 01:58:37.790 Data Packets Sent: 34324297  
 2015-03-08 01:58:37.790 Flood Packets Sent: 0  
 2015-03-08 01:58:37.790 Packets Re-Sent: 53626  
 2015-03-08 01:58:37.790 Sequence Errors: 0  
 2015-03-08 01:58:37.790 Packet Buffer Used: 21783664  
 2015-03-08 01:58:37.790 Physical Port: Ethernet  
 2015-03-08 01:58:37.790 Baler Model: 14 Software Version: 2.28  
 2015-03-08 01:58:37.790 MAC Address: 00:04:FB:00:02:EA  
 2015-03-08 01:58:37.790 Disk Size: 20000669696  
 2015-03-08 01:58:37.790 Percent of 1177 data files in use: 64.1  
 2015-03-08 01:58:37.790 Channels Enabled: 1234 Preamps ON channels:

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2015-03-08 01:58:37.790 Channel Sensitivities (uV per count):
2015-03-08 01:58:37.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-08 01:58:37.790 Digitizer Calibration Results:
2015-03-08 01:58:37.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-08 01:58:37.790 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-08 01:58:37.790 DMU1 Software Version=10
2015-03-08 01:58:37.790 Supply Voltage=12.7
2015-03-08 01:58:37.790 Supply Current=0.41
2015-03-08 01:58:37.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-08 01:58:37.790 WebLink Data Maps Restored
2015-03-08 01:58:37.790 [2015-03-07 13:57:42.999998] sequence resumes: 28986772 to
28986772
2015-03-08 01:58:37.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-08 01:58:36
2015-03-08 02:03:11.540 [2015-03-08 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-08 02:03:11.540 Reducing Status Polling Interval
2015-03-08 02:03:11.540 [2015-03-08 02:04:01.999998] total packets received: 48048
2015-03-08 02:03:11.540 [2015-03-08 02:04:01.999998] command timeouts: 6
2015-03-08 02:03:11.540 [2015-03-08 02:04:01.999998] out of window: 51
2015-03-08 02:03:11.540 written: HHZ-1155 HH1-1327 HH2-1351 BDH-439 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-08 02:03:11.540 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-2 VM1-2
2015-03-08 02:03:11.540 written: VM2-1 OAC-1 LOG-2 ACE-2 OCF-2
2015-03-08 02:03:11.540 [2015-03-08 02:04:01.999998] Done: 4415 recs. seq end:
29030351. run: 322 s
2015-03-08 14:04:59.800
2015-03-08 14:04:59.800 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-08 14:04:59.800 Control Port 2491 Opened
2015-03-08 14:04:59.800 Baler ready on Ethernet
2015-03-08 14:04:59.800 Power Cycled Baler Acknowledged
2015-03-08 14:04:59.800 Commands Accepted by Q330
2015-03-08 14:04:59.800 Access timeout: 300 sec
2015-03-08 14:04:59.800 Control Port 4023 Opened
2015-03-08 14:04:59.800 Data Port 4024 Opened
2015-03-08 14:04:59.800 Registered with Q330
2015-03-08 14:04:59.800 Combination Record Received
2015-03-08 14:04:59.800 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-08 14:04:59.800 Link Reset, starting window sequence: 27907
2015-03-08 14:04:59.800 GPS Receiver ID Received
2015-03-08 14:04:59.800 Manufacturer's Data Received, Property Tag=2017
2015-03-08 14:04:59.800 Digitizer Gain & Offsets Received
2015-03-08 14:04:59.800 Msg From 192.168.200.119:Baler XX-2017 readback. 4415 recs.
seq end: 29030351
2015-03-08 14:04:59.800 Baler clock set to 2015-03-08 14:04:58
2015-03-08 14:04:59.800 Starting to Read DP Tokens
2015-03-08 14:04:59.800 DP Tokens loaded, size=1474 bytes
2015-03-08 14:04:59.800 webserver advertising 192.168.200.119:5380
2015-03-08 14:04:59.800 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-08 14:04:59.800 filters & delay HH1:2@100,Linear all=0.320000
2015-03-08 14:04:59.800 filters & delay HH2:3@100,Linear all=0.320000
2015-03-08 14:04:59.800 filters & delay BDH:4@20,Linear all=1.650000
2015-03-08 14:04:59.800 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-08 14:04:59.800 filters & delay LH1:2@1,Linear all=15.000000
2015-03-08 14:04:59.800 filters & delay LH2:3@1,Linear all=15.000000
2015-03-08 14:04:59.800 filters & delay LDH:4@1,Linear all=15.000000
2015-03-08 14:04:59.800 [2015-03-08 02:04:01.999998] continuity found: 29030351
479095442.000000 Q=100
2015-03-08 14:04:59.800 [2015-03-08 02:04:01.999998] restoring continuity
2015-03-08 14:04:59.800 Sending DT_OPEN
2015-03-08 14:04:59.800 Station: XX-2017
2015-03-08 14:04:59.800 Q330 Serial Number: 0100000DB18FC351

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2015-03-08 14:04:59.800 AMB Serial Number: 0100000B6909DD82  
 2015-03-08 14:04:59.800 Seismo 1 Serial Number: 0000000000000000  
 2015-03-08 14:04:59.800 Seismo 2 Serial Number: 0000000000000000  
 2015-03-08 14:04:59.800 QAPCHP 1 Serial Number: 4643206  
 2015-03-08 14:04:59.800 QAPCHP 2 Serial Number: 3743050  
 2015-03-08 14:04:59.800 KMI Property Tag Number: 2017  
 2015-03-08 14:04:59.800 System Software Version: 1.146  
 2015-03-08 14:04:59.800 Slave Processor Version: 1.11  
 2015-03-08 14:04:59.800 Calibrator Type: QCAL330  
 2015-03-08 14:04:59.800 Calibrator Version: 1.8  
 2015-03-08 14:04:59.800 Auxiliary Board Type: None  
 2015-03-08 14:04:59.800 Clock Type: Motorola M12  
 2015-03-08 14:04:59.800 PLD Version: 7.9  
 2015-03-08 14:04:59.800 Total Hours: 73218.69  
 2015-03-08 14:04:59.800 Power On Hours: 37849.08  
 2015-03-08 14:04:59.800 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-08 14:04:59.800 Total Number of Boots: 120  
 2015-03-08 14:04:59.800 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-08 14:04:59.800 Total Number of Re-Syncs: 213  
 2015-03-08 14:04:59.800 Status Inputs: 00000000  
 2015-03-08 14:04:59.800 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-08 14:04:59.800 Clock Quality: 100%  
 2015-03-08 14:04:59.800 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-08 14:04:59.800 Clock Phase: 0 usec. max allowed=50000  
 2015-03-08 14:04:59.800 Boom positions:  
 2015-03-08 14:04:59.800 Ch1: -3 Ch2: 4 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-08 14:04:59.800 Analog Status  
 2015-03-08 14:04:59.800 Analog Positive Supply: 5.46V  
 2015-03-08 14:04:59.800 Input Voltage: 13.35V  
 2015-03-08 14:04:59.800 System Temperature: 5C  
 2015-03-08 14:04:59.800 Main Current: 62ma  
 2015-03-08 14:04:59.800 Antenna Current: 0ma  
 2015-03-08 14:04:59.800 GPS Status  
 2015-03-08 14:04:59.800 Time: 14:04:58  
 2015-03-08 14:04:59.800 Date:  
 2015-03-08 14:04:59.800 Fix Type: 1-D  
 2015-03-08 14:04:59.800 Height:  
 2015-03-08 14:04:59.800 Latitude:  
 2015-03-08 14:04:59.800 Longitude:  
 2015-03-08 14:04:59.800 On Time: 0min  
 2015-03-08 14:04:59.800 Sat. Used: 0  
 2015-03-08 14:04:59.800 In View: 0  
 2015-03-08 14:04:59.800 Checksum Errors: 0  
 2015-03-08 14:04:59.800 Last GPS timemark: 2015-03-08 14:04:57  
 2015-03-08 14:04:59.800 PLL Status  
 2015-03-08 14:04:59.800 State: Lock  
 2015-03-08 14:04:59.800 Initial VCO: 2201.991943  
 2015-03-08 14:04:59.800 Time Error: 0.000000  
 2015-03-08 14:04:59.800 RMS VCO: 0.000000  
 2015-03-08 14:04:59.800 Best VCO: 2202.23  
 2015-03-08 14:04:59.800 Seconds Since Track or Lock: 0.0  
 2015-03-08 14:04:59.800 Vco Control: 2202  
 2015-03-08 14:04:59.800 timing mode: external seascan  
 2015-03-08 14:04:59.800 tempco normal  
 2015-03-08 14:04:59.800 PLL update: 10s PLL lock criterion: 5us  
 2015-03-08 14:04:59.800 Pfrac: 150.00  
 2015-03-08 14:04:59.800 VCO slope: -0.0175000  
 2015-03-08 14:04:59.800 VCO intercept: 7.1100001  
 2015-03-08 14:04:59.800 Km delta: 600.000000  
 2015-03-08 14:04:59.800 Logical Port 4 Status  
 2015-03-08 14:04:59.800 Data Packets Sent: 34372264  
 2015-03-08 14:04:59.800 Flood Packets Sent: 0  
 2015-03-08 14:04:59.800 Packets Re-Sent: 53698

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2015-03-08 14:04:59.800 Sequence Errors: 0
2015-03-08 14:04:59.800 Packet Buffer Used: 22041652
2015-03-08 14:04:59.800 Physical Port: Ethernet
2015-03-08 14:04:59.800 Baler Model: 14   Software Version: 2.28
2015-03-08 14:04:59.800 MAC Address: 00:04:FB:00:02:EA
2015-03-08 14:04:59.800 Disk Size: 20000669696
2015-03-08 14:04:59.800 Percent of 1177 data files in use: 64.3
2015-03-08 14:04:59.800 Channels Enabled: 1234   Preamps ON channels:
2015-03-08 14:04:59.800 Channel Sensitivities (uV per count):
2015-03-08 14:04:59.800 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-08 14:04:59.800 Digitizer Calibration Results:
2015-03-08 14:04:59.800 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2015-03-08 14:04:59.800 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2015-03-08 14:04:59.800 DMU1 Software Version=10
2015-03-08 14:04:59.800 Supply Voltage=12.7
2015-03-08 14:04:59.800 Supply Current=0.41
2015-03-08 14:04:59.800 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-08 14:04:59.800 WebLink Data Maps Restored
2015-03-08 14:04:59.800 [2015-03-08 02:04:01.999998] sequence resumes: 29030351 to
29030351
2015-03-08 14:04:59.800 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-08 14:04:58
2015-03-08 14:10:28.520 [2015-03-08 14:05:11.000000] total packets received: 48396
2015-03-08 14:10:28.520 [2015-03-08 14:05:11.000000] command timeouts: 6
2015-03-08 14:10:28.520 [2015-03-08 14:05:11.000000] out of window: 58
2015-03-08 14:10:28.520 written: HHZ-1175 HH1-1353 HH2-1342 BDH-430 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-08 14:10:28.520 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2015-03-08 14:10:28.520 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-08 14:10:28.520 [2015-03-08 14:05:11.000000] Done: 4443 recs. seq end:
29073620. run: 325 s
2015-03-09 02:11:22.790
2015-03-09 02:11:22.790 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-09 02:11:22.790 Control Port 2491 Opened
2015-03-09 02:11:22.790 Baler ready on Ethernet
2015-03-09 02:11:22.790 Power Cycled Baler Acknowledged
2015-03-09 02:11:22.790 Commands Accepted by Q330
2015-03-09 02:11:22.790 Access timeout: 300 sec
2015-03-09 02:11:22.790 Control Port 4023 Opened
2015-03-09 02:11:22.790 Data Port 4024 Opened
2015-03-09 02:11:22.790 Registered with Q330
2015-03-09 02:11:22.790 Combination Record Received
2015-03-09 02:11:22.790 window=4   Min. Timeout=10   Max. Timeout=30
2015-03-09 02:11:22.790 Link Reset, starting window sequence: 10674
2015-03-09 02:11:22.790 GPS Receiver ID Received
2015-03-09 02:11:22.790 Manufacturer's Data Received, Property Tag=2017
2015-03-09 02:11:22.790 Digitizer Gain & Offsets Received
2015-03-09 02:11:22.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4443 recs.
seq end: 29073620
2015-03-09 02:11:22.790 Baler clock set to 2015-03-09 02:11:21
2015-03-09 02:11:22.790 Starting to Read DP Tokens
2015-03-09 02:11:22.790 DP Tokens loaded, size=1474 bytes
2015-03-09 02:11:22.790 webserver advertising 192.168.200.119:5380
2015-03-09 02:11:22.790 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-09 02:11:22.790 filters & delay HH1:2@100,Linear all=0.320000
2015-03-09 02:11:22.790 filters & delay HH2:3@100,Linear all=0.320000
2015-03-09 02:11:22.790 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-09 02:11:22.790 filters & delay LH1:2@1,Linear all=15.000000
2015-03-09 02:11:22.790 filters & delay LH2:3@1,Linear all=15.000000
2015-03-09 02:11:22.790 filters & delay LDH:4@1,Linear all=15.000000
2015-03-09 02:11:22.790 [2015-03-08 14:05:11.000000] continuity found: 29073620
479138711.000000   Q=100

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2015-03-09 02:11:22.790 [2015-03-08 14:05:11.000000] restoring continuity  
 2015-03-09 02:11:22.790 Sending DT\_OPEN  
 2015-03-09 02:11:22.790 Station: XX-2017  
 2015-03-09 02:11:22.790 Q330 Serial Number: 0100000DB18FC351  
 2015-03-09 02:11:22.790 AMB Serial Number: 0100000B6909DD82  
 2015-03-09 02:11:22.790 Seismo 1 Serial Number: 0000000000000000  
 2015-03-09 02:11:22.790 Seismo 2 Serial Number: 0000000000000000  
 2015-03-09 02:11:22.790 QAPCHP 1 Serial Number: 4643206  
 2015-03-09 02:11:22.790 QAPCHP 2 Serial Number: 3743050  
 2015-03-09 02:11:22.790 KMI Property Tag Number: 2017  
 2015-03-09 02:11:22.790 System Software Version: 1.146  
 2015-03-09 02:11:22.790 Slave Processor Version: 1.11  
 2015-03-09 02:11:22.790 Calibrator Type: QCAL330  
 2015-03-09 02:11:22.790 Calibrator Version: 1.8  
 2015-03-09 02:11:22.790 Auxiliary Board Type: None  
 2015-03-09 02:11:22.790 Clock Type: Motorola M12  
 2015-03-09 02:11:22.790 PLD Version: 7.9  
 2015-03-09 02:11:22.790 Total Hours: 73230.80  
 2015-03-09 02:11:22.790 Power On Hours: 37861.18  
 2015-03-09 02:11:22.790 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-09 02:11:22.790 Total Number of Boots: 120  
 2015-03-09 02:11:22.790 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-09 02:11:22.790 Total Number of Re-Syncs: 213  
 2015-03-09 02:11:22.790 Status Inputs: 00000000  
 2015-03-09 02:11:22.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-03-09 02:11:22.790 Clock Quality: 100%  
 2015-03-09 02:11:22.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-09 02:11:22.790 Clock Phase: 0 usec. max allowed=50000  
 2015-03-09 02:11:22.790 Boom positions:  
 2015-03-09 02:11:22.790 Ch1: -3 Ch2: 4 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-09 02:11:22.790 Analog Status  
 2015-03-09 02:11:22.790 Analog Positive Supply: 5.46v  
 2015-03-09 02:11:22.790 Input Voltage: 13.20V  
 2015-03-09 02:11:22.790 System Temperature: 5C  
 2015-03-09 02:11:22.790 Main Current: 62ma  
 2015-03-09 02:11:22.790 Antenna Current: 0ma  
 2015-03-09 02:11:22.790 GPS Status  
 2015-03-09 02:11:22.790 Time: 02:11:21  
 2015-03-09 02:11:22.790 Date:  
 2015-03-09 02:11:22.790 Fix Type: 1-D  
 2015-03-09 02:11:22.790 Height:  
 2015-03-09 02:11:22.790 Latitude:  
 2015-03-09 02:11:22.790 Longitude:  
 2015-03-09 02:11:22.790 On Time: 0min  
 2015-03-09 02:11:22.790 Sat. Used: 0  
 2015-03-09 02:11:22.790 In View: 0  
 2015-03-09 02:11:22.790 Checksum Errors: 0  
 2015-03-09 02:11:22.790 Last GPS timemark: 2015-03-09 02:11:20  
 2015-03-09 02:11:22.790 PLL Status  
 2015-03-09 02:11:22.790 State: Lock  
 2015-03-09 02:11:22.790 Initial VCO: 2201.874023  
 2015-03-09 02:11:22.790 Time Error: 0.000000  
 2015-03-09 02:11:22.790 RMS VCO: 0.000000  
 2015-03-09 02:11:22.790 Best VCO: 2201.94  
 2015-03-09 02:11:22.790 Seconds Since Track or Lock: 0.0  
 2015-03-09 02:11:22.790 Vco Control: 2202  
 2015-03-09 02:11:22.790 timing mode: external seascan  
 2015-03-09 02:11:22.790 tempco normal  
 2015-03-09 02:11:22.790 PLL update: 10s PLL lock criterion: 5us  
 2015-03-09 02:11:22.790 Pfrac: 150.00  
 2015-03-09 02:11:22.790 VCO slope: -0.0175000  
 2015-03-09 02:11:22.790 VCO intercept: 7.1100001  
 2015-03-09 02:11:22.790 km delta: 600.0000000

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2015-03-09 02:11:22.790 Logical Port 4 Status  
 2015-03-09 02:11:22.790 Data Packets Sent: 34420572  
 2015-03-09 02:11:22.790 Flood Packets Sent: 0  
 2015-03-09 02:11:22.790 Packets Re-Sent: 53781  
 2015-03-09 02:11:22.790 Sequence Errors: 0  
 2015-03-09 02:11:22.790 Packet Buffer Used: 21887716  
 2015-03-09 02:11:22.790 Physical Port: Ethernet  
 2015-03-09 02:11:22.790 Baler Model: 14 Software Version: 2.28  
 2015-03-09 02:11:22.790 MAC Address: 00:04:FB:00:02:EA  
 2015-03-09 02:11:22.790 Disk Size: 20000669696  
 2015-03-09 02:11:22.790 Percent of 1177 data files in use: 64.4  
 2015-03-09 02:11:22.790 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-09 02:11:22.790 Channel Sensitivities (uV per count):  
 2015-03-09 02:11:22.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-09 02:11:22.790 Digitizer Calibration Results:  
 2015-03-09 02:11:22.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-09 02:11:22.790 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-09 02:11:22.790 DMU1 Software Version=10  
 2015-03-09 02:11:22.790 Supply Voltage=12.6  
 2015-03-09 02:11:22.790 Supply Current=0.40  
 2015-03-09 02:11:22.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-09 02:11:22.790 WebLink Data Maps Restored  
 2015-03-09 02:11:22.790 [2015-03-08 14:05:11.000000] sequence resumes: 29073620 to  
 29073620  
 2015-03-09 02:11:22.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-03-09 02:11:21  
 2015-03-09 02:15:08.980 Reducing Status Polling Interval  
 2015-03-09 02:15:08.980 [2015-03-09 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-03-09 02:16:52.340 [2015-03-09 02:13:39.000000] total packets received: 46466  
 2015-03-09 02:16:52.340 [2015-03-09 02:13:39.000000] command timeouts: 6  
 2015-03-09 02:16:52.340 [2015-03-09 02:13:39.000000] out of window: 62  
 2015-03-09 02:16:52.340 written: HHZ-1182 HH1-1327 HH2-1328 BDH-432 VEP-1 VEC-1  
 VEA-1 VKI-1 VCO-1  
 2015-03-09 02:16:52.340 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-1 VM1-1  
 2015-03-09 02:16:52.340 written: VM2-1 LOG-3 ACE-2 OCF-2  
 2015-03-09 02:16:52.340 [2015-03-09 02:13:39.000000] Done: 4401 recs. seq end:  
 29117328. run: 325 s  
 2015-03-09 14:17:45.790  
 2015-03-09 14:17:45.790 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-09 14:17:45.790 Control Port 2491 Opened  
 2015-03-09 14:17:45.790 Baler ready on Ethernet  
 2015-03-09 14:17:45.790 Power Cycled Baler Acknowledged  
 2015-03-09 14:17:45.790 Commands Accepted by Q330  
 2015-03-09 14:17:45.790 Access timeout: 300 sec  
 2015-03-09 14:17:45.790 Control Port 4023 Opened  
 2015-03-09 14:17:45.790 Data Port 4024 Opened  
 2015-03-09 14:17:45.790 Registered with Q330  
 2015-03-09 14:17:45.790 Combination Record Received  
 2015-03-09 14:17:45.790 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-09 14:17:45.790 Link Reset, starting window sequence: 57029  
 2015-03-09 14:17:45.790 GPS Receiver ID Received  
 2015-03-09 14:17:45.790 Manufacturer's Data Received, Property Tag=2017  
 2015-03-09 14:17:45.790 Digitizer Gain & Offsets Received  
 2015-03-09 14:17:45.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4401 recs.  
 seq end: 29117328  
 2015-03-09 14:17:45.790 Baler clock set to 2015-03-09 14:17:44  
 2015-03-09 14:17:45.790 Starting to Read DP Tokens  
 2015-03-09 14:17:45.790 DP Tokens loaded, size=1474 bytes  
 2015-03-09 14:17:45.790 webserver advertising 192.168.200.119:5380  
 2015-03-09 14:17:45.790 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-09 14:17:45.790 filters & delay HH1:2@100,Linear all=0.320000

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2015-03-09 14:17:45.790 filters & delay HH2:3@100,Linear all=0.320000
2015-03-09 14:17:45.790 filters & delay BDH:4@20,Linear all=1.650000
2015-03-09 14:17:45.790 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-09 14:17:45.790 filters & delay LH1:2@1,Linear all=15.000000
2015-03-09 14:17:45.790 filters & delay LH2:3@1,Linear all=15.000000
2015-03-09 14:17:45.790 filters & delay LDH:4@1,Linear all=15.000000
2015-03-09 14:17:45.790 [2015-03-09 02:13:39.000000] continuity found: 29117328
479182419.000000 Q=100
2015-03-09 14:17:45.790 [2015-03-09 02:13:39.000000] restoring continuity
2015-03-09 14:17:45.790 Sending DT_OPEN
2015-03-09 14:17:45.790 Station: XX-2017
2015-03-09 14:17:45.790 Q330 Serial Number: 0100000DB18FC351
2015-03-09 14:17:45.790 AMB Serial Number: 0100000B6909DD82
2015-03-09 14:17:45.790 Seismo 1 Serial Number: 0000000000000000
2015-03-09 14:17:45.790 Seismo 2 Serial Number: 0000000000000000
2015-03-09 14:17:45.790 QAPCHP 1 Serial Number: 4643206
2015-03-09 14:17:45.790 QAPCHP 2 Serial Number: 3743050
2015-03-09 14:17:45.790 KMI Property Tag Number: 2017
2015-03-09 14:17:45.790 System Software Version: 1.146
2015-03-09 14:17:45.790 Slave Processor Version: 1.11
2015-03-09 14:17:45.790 Calibrator Type: QCAL330
2015-03-09 14:17:45.790 Calibrator Version: 1.8
2015-03-09 14:17:45.790 Auxiliary Board Type: None
2015-03-09 14:17:45.790 Clock Type: Motorola M12
2015-03-09 14:17:45.790 PLD Version: 7.9
2015-03-09 14:17:45.790 Total Hours: 73242.90
2015-03-09 14:17:45.790 Power On Hours: 37873.29
2015-03-09 14:17:45.790 Time of Last Boot: 2014-04-06 02:03:58
2015-03-09 14:17:45.790 Total Number of Boots: 120
2015-03-09 14:17:45.790 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-09 14:17:45.790 Total Number of Re-Syncs: 213
2015-03-09 14:17:45.790 Status Inputs: 00000000
2015-03-09 14:17:45.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2015-03-09 14:17:45.790 Clock Quality: 100%
2015-03-09 14:17:45.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-09 14:17:45.790 Clock Phase: 0 usec. max allowed=50000
2015-03-09 14:17:45.790 Boom positions:
2015-03-09 14:17:45.790 Ch1: -3 Ch2: 4 Ch3: 2 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-09 14:17:45.790 Analog Status
2015-03-09 14:17:45.790 Analog Positive Supply: 5.46V
2015-03-09 14:17:45.790 Input Voltage: 13.20V
2015-03-09 14:17:45.790 System Temperature: 5C
2015-03-09 14:17:45.790 Main Current: 63ma
2015-03-09 14:17:45.790 Antenna Current: 0ma
2015-03-09 14:17:45.790 GPS Status
2015-03-09 14:17:45.790 Time: 14:17:43
2015-03-09 14:17:45.790 Date:
2015-03-09 14:17:45.790 Fix Type: 1-D
2015-03-09 14:17:45.790 Height:
2015-03-09 14:17:45.790 Latitude:
2015-03-09 14:17:45.790 Longitude:
2015-03-09 14:17:45.790 On Time: 0min
2015-03-09 14:17:45.790 Sat. Used: 0
2015-03-09 14:17:45.790 In View: 0
2015-03-09 14:17:45.790 Checksum Errors: 0
2015-03-09 14:17:45.790 Last GPS timemark: 2015-03-09 14:17:42
2015-03-09 14:17:45.790 PLL Status
2015-03-09 14:17:45.790 State: Lock
2015-03-09 14:17:45.790 Initial VCO: 2201.831787
2015-03-09 14:17:45.790 Time Error: 0.000000
2015-03-09 14:17:45.790 RMS VCO: 0.0000000
2015-03-09 14:17:45.790 Best VCO: 2201.88
2015-03-09 14:17:45.790 Seconds Since Track or Lock: 0.0

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2015-03-09 14:17:45.790 Vco Control: 2202  
 2015-03-09 14:17:45.790 timing mode: external seascan  
 2015-03-09 14:17:45.790 tempco normal  
 2015-03-09 14:17:45.790 PLL update: 10s PLL lock criterion: 5us  
 2015-03-09 14:17:45.790 Pfrac: 150.00  
 2015-03-09 14:17:45.790 VCO slope: -0.0175000  
 2015-03-09 14:17:45.790 VCO intercept: 7.1100001  
 2015-03-09 14:17:45.790 km delta: 600.0000000  
 2015-03-09 14:17:45.790 Logical Port 4 Status  
 2015-03-09 14:17:45.790 Data Packets Sent: 34466932  
 2015-03-09 14:17:45.790 Flood Packets Sent: 0  
 2015-03-09 14:17:45.790 Packets Re-Sent: 53863  
 2015-03-09 14:17:45.790 Sequence Errors: 0  
 2015-03-09 14:17:45.790 Packet Buffer Used: 21584088  
 2015-03-09 14:17:45.790 Physical Port: Ethernet  
 2015-03-09 14:17:45.790 Baler Model: 14 Software Version: 2.28  
 2015-03-09 14:17:45.790 MAC Address: 00:04:FB:00:02:EA  
 2015-03-09 14:17:45.790 Disk Size: 20000669696  
 2015-03-09 14:17:45.790 Percent of 1177 data files in use: 64.4  
 2015-03-09 14:17:45.790 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-09 14:17:45.790 Channel Sensitivities (uV per count):  
 2015-03-09 14:17:45.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-09 14:17:45.790 Digitizer Calibration Results:  
 2015-03-09 14:17:45.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-09 14:17:45.790 DMU1 Software Version=10  
 2015-03-09 14:17:45.790 Supply Voltage=12.7  
 2015-03-09 14:17:45.790 Supply Current=0.41  
 2015-03-09 14:17:45.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-09 14:17:45.790 webLink Data Maps Restored  
 2015-03-09 14:17:45.790 [2015-03-09 02:13:39.000000] sequence resumes: 29117328 to  
 29117328  
 2015-03-09 14:17:45.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-09 14:17:44  
 2015-03-09 14:23:12.870 Reducing Status Polling Interval  
 2015-03-09 14:23:12.870 [2015-03-09 14:23:12.000000] total packets received: 46489  
 2015-03-09 14:23:12.870 [2015-03-09 14:23:12.000000] command timeouts: 6  
 2015-03-09 14:23:12.870 [2015-03-09 14:23:12.000000] out of window: 64  
 2015-03-09 14:23:12.870 written: HHZ-1179 HH1-1303 HH2-1302 BDH-429 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-09 14:23:12.870 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-23 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2015-03-09 14:23:12.870 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-03-09 14:23:12.870 [2015-03-09 14:23:12.000000] Done: 4354 recs. seq end:  
 29161101. run: 323 s  
 2015-03-10 02:24:05.760  
 2015-03-10 02:24:05.760 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-10 02:24:05.760 Control Port 2491 Opened  
 2015-03-10 02:24:05.760 Baler ready on Ethernet  
 2015-03-10 02:24:05.760 Power Cycled Baler Acknowledged  
 2015-03-10 02:24:05.760 Commands Accepted by Q330  
 2015-03-10 02:24:05.760 Access timeout: 300 sec  
 2015-03-10 02:24:05.760 Control Port 4023 Opened  
 2015-03-10 02:24:05.760 Data Port 4024 Opened  
 2015-03-10 02:24:05.760 Registered with Q330  
 2015-03-10 02:24:05.760 Combination Record Received  
 2015-03-10 02:24:05.760 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-10 02:24:05.760 Link Reset, starting window sequence: 37883  
 2015-03-10 02:24:05.760 GPS Receiver ID Received  
 2015-03-10 02:24:05.760 Manufacturer's Data Received, Property Tag=2017  
 2015-03-10 02:24:05.760 Digitizer Gain & Offsets Received  
 2015-03-10 02:24:05.760 Msg From 192.168.200.119:Baler XX-2017 readback. 4354 recs.  
 seq end: 29161101  
 2015-03-10 02:24:05.760 Baler clock set to 2015-03-10 02:24:04

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2015-03-10 02:24:05.760 Starting to Read DP Tokens
2015-03-10 02:24:05.760 DP Tokens loaded, size=1474 bytes
2015-03-10 02:24:05.760 Webserver advertising 192.168.200.119:5380
2015-03-10 02:24:05.760 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-10 02:24:05.760 filters & delay HH1:2@100,Linear all=0.320000
2015-03-10 02:24:05.760 filters & delay HH2:3@100,Linear all=0.320000
2015-03-10 02:24:05.760 filters & delay BDH:4@20,Linear all=1.650000
2015-03-10 02:24:05.760 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-10 02:24:05.760 filters & delay LH1:2@1,Linear all=15.000000
2015-03-10 02:24:05.760 filters & delay LH2:3@1,Linear all=15.000000
2015-03-10 02:24:05.760 filters & delay LDH:4@1,Linear all=15.000000
2015-03-10 02:24:05.760 [2015-03-09 14:23:12.000000] continuity found: 29161101
479226192.000000 Q=100
2015-03-10 02:24:05.760 [2015-03-09 14:23:12.000000] restoring continuity
2015-03-10 02:24:05.760 Sending DT_OPEN
2015-03-10 02:24:05.760 Station: XX-2017
2015-03-10 02:24:05.760 Q330 Serial Number: 0100000DB18FC351
2015-03-10 02:24:05.760 AMB Serial Number: 0100000B6909DD82
2015-03-10 02:24:05.760 Seismo 1 Serial Number: 0000000000000000
2015-03-10 02:24:05.760 Seismo 2 Serial Number: 0000000000000000
2015-03-10 02:24:05.760 QAPCHP 1 Serial Number: 4643206
2015-03-10 02:24:05.760 QAPCHP 2 Serial Number: 3743050
2015-03-10 02:24:05.760 KMI Property Tag Number: 2017
2015-03-10 02:24:05.760 System Software Version: 1.146
2015-03-10 02:24:05.760 Slave Processor Version: 1.11
2015-03-10 02:24:05.760 Calibrator Type: QCAL330
2015-03-10 02:24:05.760 Calibrator Version: 1.8
2015-03-10 02:24:05.760 Auxiliary Board Type: None
2015-03-10 02:24:05.760 Clock Type: Motorola M12
2015-03-10 02:24:05.760 PLD Version: 7.9
2015-03-10 02:24:05.760 Total Hours: 73255.01
2015-03-10 02:24:05.760 Power On Hours: 37885.40
2015-03-10 02:24:05.760 Time of Last Boot: 2014-04-06 02:03:58
2015-03-10 02:24:05.760 Total Number of Boots: 120
2015-03-10 02:24:05.760 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-10 02:24:05.760 Total Number of Re-Syncs: 213
2015-03-10 02:24:05.760 Status Inputs: 00000000
2015-03-10 02:24:05.760 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-10 02:24:05.760 Clock Quality: 100%
2015-03-10 02:24:05.760 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-10 02:24:05.760 Clock Phase: 0 usec. max allowed=50000
2015-03-10 02:24:05.760 Boom positions:
2015-03-10 02:24:05.760 ch1: -3 ch2: 3 ch3: 3 ch4: 20 ch5: 20 ch6: 20
2015-03-10 02:24:05.760 Analog Status
2015-03-10 02:24:05.760 Analog Positive Supply: 5.46V
2015-03-10 02:24:05.760 Input Voltage: 13.20V
2015-03-10 02:24:05.760 System Temperature: 5C
2015-03-10 02:24:05.760 Main Current: 64ma
2015-03-10 02:24:05.760 Antenna Current: 0ma
2015-03-10 02:24:05.760 GPS Status
2015-03-10 02:24:05.760 Time: 02:24:04
2015-03-10 02:24:05.760 Date:
2015-03-10 02:24:05.760 Fix Type: 1-D
2015-03-10 02:24:05.760 Height:
2015-03-10 02:24:05.760 Latitude:
2015-03-10 02:24:05.760 Longitude:
2015-03-10 02:24:05.760 On Time: 0min
2015-03-10 02:24:05.760 Sat. Used: 0
2015-03-10 02:24:05.760 In View: 0
2015-03-10 02:24:05.760 Checksum Errors: 0
2015-03-10 02:24:05.760 Last GPS timemark: 2015-03-10 02:24:03
2015-03-10 02:24:05.760 PLL Status
2015-03-10 02:24:05.760 State: Lock

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2015-03-10 02:24:05.760 Initial VCO: 2201.719971
2015-03-10 02:24:05.760 Time Error: 0.000002
2015-03-10 02:24:05.760 RMS VCO: 0.000000
2015-03-10 02:24:05.760 Best VCO: 2201.45
2015-03-10 02:24:05.760 Seconds Since Track or Lock: 0.0
2015-03-10 02:24:05.760 Vco Control: 2202
2015-03-10 02:24:05.760 timing mode: external seascan
2015-03-10 02:24:05.760 tempco normal
2015-03-10 02:24:05.760 PLL update: 10s  PLL lock criterion: 5us
2015-03-10 02:24:05.760 Pfrac: 150.00
2015-03-10 02:24:05.760 VCO slope: -0.0175000
2015-03-10 02:24:05.760 VCO intercept: 7.1100001
2015-03-10 02:24:05.760 km delta: 600.0000000
2015-03-10 02:24:05.760 Logical Port 4 Status
2015-03-10 02:24:05.760 Data Packets Sent: 34513327
2015-03-10 02:24:05.760 Flood Packets Sent: 0
2015-03-10 02:24:05.760 Packets Re-Sent: 53943
2015-03-10 02:24:05.760 Sequence Errors: 0
2015-03-10 02:24:05.760 Packet Buffer Used: 21274424
2015-03-10 02:24:05.760 Physical Port: Ethernet
2015-03-10 02:24:05.760 Baler Model: 14  Software Version: 2.28
2015-03-10 02:24:05.760 MAC Address: 00:04:FB:00:02:EA
2015-03-10 02:24:05.760 Disk Size: 20000669696
2015-03-10 02:24:05.760 Percent of 1177 data files in use: 64.5
2015-03-10 02:24:05.760 Channels Enabled: 1234  Preamps ON channels:
2015-03-10 02:24:05.760 Channel Sensitivities (uV per count):
2015-03-10 02:24:05.760 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-10 02:24:05.760 Digitizer Calibration Results:
2015-03-10 02:24:05.760 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2015-03-10 02:24:05.760 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2015-03-10 02:24:05.760 DMU1 Software Version=10
2015-03-10 02:24:05.760 Supply Voltage=12.7
2015-03-10 02:24:05.760 Supply Current=0.40
2015-03-10 02:24:05.760 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-10 02:24:05.760 webLink Data Maps Restored
2015-03-10 02:24:05.760 [2015-03-09 14:23:12.000000] sequence resumes: 29161101 to
29161101
2015-03-10 02:24:05.760 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-10 02:24:04
2015-03-10 02:28:31.380 [2015-03-10 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-10 02:28:31.380 Reducing Status Polling Interval
2015-03-10 02:28:31.380 [2015-03-10 02:29:26.999998] total packets received: 49887
2015-03-10 02:28:31.380 [2015-03-10 02:29:26.999998] command timeouts: 6
2015-03-10 02:28:31.380 [2015-03-10 02:29:26.999998] out of window: 42
2015-03-10 02:28:31.380 written: HHZ-1147 HH1-1330 HH2-1249 BDH-418 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-10 02:28:31.380 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-21 LH1-24 LH2-24 LDH-24
VMZ-2 VM1-2
2015-03-10 02:28:31.380 written: VM2-2 OAC-1 LOG-2 ACE-2 OCF-2
2015-03-10 02:28:31.380 [2015-03-10 02:29:26.999998] Done: 4286 recs. seq end:
29204676. run: 319 s
2015-03-10 14:30:24.800
2015-03-10 14:30:24.800 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-10 14:30:24.800 Control Port 2491 Opened
2015-03-10 14:30:24.800 Baler ready on Ethernet
2015-03-10 14:30:24.800 Power Cycled Baler Acknowledged
2015-03-10 14:30:24.800 Commands Accepted by Q330
2015-03-10 14:30:24.800 Access timeout: 300 sec
2015-03-10 14:30:24.800 Control Port 4023 Opened
2015-03-10 14:30:24.800 Data Port 4024 Opened
2015-03-10 14:30:24.800 Registered with Q330
2015-03-10 14:30:24.800 Combination Record Received

```

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2015-03-10 14:30:24.800 window=4   Min. Timeout=10   Max. Timeout=30
2015-03-10 14:30:24.800 Link Reset, starting window sequence: 22157
2015-03-10 14:30:24.800 GPS Receiver ID Received
2015-03-10 14:30:24.800 Manufacturer's Data Received, Property Tag=2017
2015-03-10 14:30:24.800 Digitizer Gain & Offsets Received
2015-03-10 14:30:24.800 Msg From 192.168.200.119:Baler XX-2017 readback. 4286 recs.
seq end: 29204676
2015-03-10 14:30:24.800 Baler clock set to 2015-03-10 14:30:23
2015-03-10 14:30:24.800 Starting to Read DP Tokens
2015-03-10 14:30:24.800 DP Tokens loaded, size=1474 bytes
2015-03-10 14:30:24.800 webserver advertising 192.168.200.119:5380
2015-03-10 14:30:24.800 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-10 14:30:24.800 filters & delay HH1:2@100,Linear all=0.320000
2015-03-10 14:30:24.800 filters & delay HH2:3@100,Linear all=0.320000
2015-03-10 14:30:24.800 filters & delay BDH:4@20,Linear all=1.650000
2015-03-10 14:30:24.800 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-10 14:30:24.800 filters & delay LH1:2@1,Linear all=15.000000
2015-03-10 14:30:24.800 filters & delay LH2:3@1,Linear all=15.000000
2015-03-10 14:30:24.800 filters & delay LDH:4@1,Linear all=15.000000
2015-03-10 14:30:24.800 [2015-03-10 02:29:26.999998] continuity found: 29204676
479269767.000000 Q=100
2015-03-10 14:30:24.800 [2015-03-10 02:29:26.999998] restoring continuity
2015-03-10 14:30:24.800 Sending DT_OPEN
2015-03-10 14:30:24.800 Station: XX-2017
2015-03-10 14:30:24.800 Q330 Serial Number: 0100000DB18FC351
2015-03-10 14:30:24.800 AMB Serial Number: 0100000B6909DD82
2015-03-10 14:30:24.800 Seismo 1 Serial Number: 0000000000000000
2015-03-10 14:30:24.800 Seismo 2 Serial Number: 0000000000000000
2015-03-10 14:30:24.800 QAPCHP 1 Serial Number: 4643206
2015-03-10 14:30:24.800 QAPCHP 2 Serial Number: 3743050
2015-03-10 14:30:24.800 KMI Property Tag Number: 2017
2015-03-10 14:30:24.800 System Software Version: 1.146
2015-03-10 14:30:24.800 Slave Processor Version: 1.11
2015-03-10 14:30:24.800 Calibrator Type: QCAL330
2015-03-10 14:30:24.800 Calibrator Version: 1.8
2015-03-10 14:30:24.800 Auxiliary Board Type: None
2015-03-10 14:30:24.800 Clock Type: Motorola M12
2015-03-10 14:30:24.800 PLD Version: 7.9
2015-03-10 14:30:24.800 Total Hours: 73267.12
2015-03-10 14:30:24.800 Power On Hours: 37897.50
2015-03-10 14:30:24.800 Time of Last Boot: 2014-04-06 02:03:58
2015-03-10 14:30:24.800 Total Number of Boots: 120
2015-03-10 14:30:24.800 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-10 14:30:24.800 Total Number of Re-Syncs: 213
2015-03-10 14:30:24.800 Status Inputs: 00000000
2015-03-10 14:30:24.800 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: Off
2015-03-10 14:30:24.800 Clock Quality: 100%
2015-03-10 14:30:24.800 Clock Phase: 0 usec. max allowed=50000
2015-03-10 14:30:24.800 Boom positions:
2015-03-10 14:30:24.800 Ch1: -3 Ch2: 2 Ch3: 3 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-10 14:30:24.800 Analog Status
2015-03-10 14:30:24.800 Analog Positive Supply: 5.46V
2015-03-10 14:30:24.800 Input Voltage: 13.35V
2015-03-10 14:30:24.800 System Temperature: 5C
2015-03-10 14:30:24.800 Main Current: 62ma
2015-03-10 14:30:24.800 Antenna Current: 0ma
2015-03-10 14:30:24.800 GPS Status
2015-03-10 14:30:24.800 Time: 14:30:23
2015-03-10 14:30:24.800 Date:
2015-03-10 14:30:24.800 Fix Type: 1-D
2015-03-10 14:30:24.800 Height:
2015-03-10 14:30:24.800 Latitude:
2015-03-10 14:30:24.800 Longitude:

```

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2015-03-10 14:30:24.800 On Time: 0min  
 2015-03-10 14:30:24.800 Sat. Used: 0  
 2015-03-10 14:30:24.800 In View: 0  
 2015-03-10 14:30:24.800 Checksum Errors: 0  
 2015-03-10 14:30:24.800 Last GPS timemark: 2015-03-10 14:30:22  
 2015-03-10 14:30:24.800 PLL Status  
 2015-03-10 14:30:24.800 State: Lock  
 2015-03-10 14:30:24.800 Initial VCO: 2201.956299  
 2015-03-10 14:30:24.800 Time Error: 0.000000  
 2015-03-10 14:30:24.800 RMS VCO: 0.000000  
 2015-03-10 14:30:24.800 Best VCO: 2201.97  
 2015-03-10 14:30:24.800 Seconds Since Track or Lock: 0.0  
 2015-03-10 14:30:24.800 Vco Control: 2202  
 2015-03-10 14:30:24.800 timing mode: external seascan  
 2015-03-10 14:30:24.800 tempco normal  
 2015-03-10 14:30:24.800 PLL update: 10s PLL lock criterion: 5us  
 2015-03-10 14:30:24.800 Pfrac: 150.00  
 2015-03-10 14:30:24.800 VCO slope: -0.0175000  
 2015-03-10 14:30:24.800 VCO intercept: 7.1100001  
 2015-03-10 14:30:24.800 Km delta: 600.0000000  
 2015-03-10 14:30:24.800 Logical Port 4 Status  
 2015-03-10 14:30:24.800 Data Packets Sent: 34563142  
 2015-03-10 14:30:24.800 Flood Packets Sent: 0  
 2015-03-10 14:30:24.800 Packets Re-Sent: 54007  
 2015-03-10 14:30:24.800 Sequence Errors: 0  
 2015-03-10 14:30:24.800 Packet Buffer Used: 20638232  
 2015-03-10 14:30:24.800 Physical Port: Ethernet  
 2015-03-10 14:30:24.800 Baler Model: 14 Software Version: 2.28  
 2015-03-10 14:30:24.800 MAC Address: 00:04:FB:00:02:EA  
 2015-03-10 14:30:24.800 Disk Size: 20000669696  
 2015-03-10 14:30:24.800 Percent of 1177 data files in use: 64.7  
 2015-03-10 14:30:24.800 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-10 14:30:24.800 Channel Sensitivities (uV per count):  
 2015-03-10 14:30:24.800 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-10 14:30:24.800 Digitizer Calibration Results:  
 2015-03-10 14:30:24.800 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-10 14:30:24.800 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-10 14:30:24.800 DMU1 Software Version=10  
 2015-03-10 14:30:24.800 Supply Voltage=12.7  
 2015-03-10 14:30:24.800 Supply Current=0.40  
 2015-03-10 14:30:24.800 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-10 14:30:24.800 WebLink Data Maps Restored  
 2015-03-10 14:30:24.800 [2015-03-10 02:29:26.999998] sequence resumes: 29204676 to  
 29204676  
 2015-03-10 14:30:24.800 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-10 14:30:23  
 2015-03-10 14:31:43.840 Reducing Status Polling Interval  
 2015-03-10 14:35:41.280 [2015-03-10 14:29:58.000000] total packets received: 46405  
 2015-03-10 14:35:41.280 [2015-03-10 14:29:58.000000] command timeouts: 6  
 2015-03-10 14:35:41.280 [2015-03-10 14:29:58.000000] out of window: 57  
 2015-03-10 14:35:41.280 written: HHZ-1064 HH1-1265 HH2-1217 BDH-414 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-03-10 14:35:41.280 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-21 LH1-23 LH2-23 LDH-24  
 VMZ-1 VM1-1  
 2015-03-10 14:35:41.280 written: VM2-1 OAC-1 LOG-3 ACE-1 OCF-1  
 2015-03-10 14:35:41.280 [2015-03-10 14:29:58.000000] Done: 4088 recs. seq end:  
 29247907. run: 313 s  
 2015-03-11 02:36:33.790  
 2015-03-11 02:36:33.790 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-11 02:36:33.790 Control Port 2491 Opened  
 2015-03-11 02:36:33.790 Baler ready on Ethernet  
 2015-03-11 02:36:33.790 Power Cycled Baler Acknowledged  
 2015-03-11 02:36:33.790 Commands Accepted by Q330



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2015-03-11 02:36:33.790 Access timeout: 300 sec  
 2015-03-11 02:36:33.790 Control Port 4023 Opened  
 2015-03-11 02:36:33.790 Data Port 4024 Opened  
 2015-03-11 02:36:33.790 Registered with Q330  
 2015-03-11 02:36:33.790 Combination Record Received  
 2015-03-11 02:36:33.790 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-11 02:36:33.790 Link Reset, starting window sequence: 2901  
 2015-03-11 02:36:33.790 GPS Receiver ID Received  
 2015-03-11 02:36:33.790 Manufacturer's Data Received, Property Tag=2017  
 2015-03-11 02:36:33.790 Digitizer Gain & Offsets Received  
 2015-03-11 02:36:33.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4088 recs.  
 seq end: 29247907  
 2015-03-11 02:36:33.790 Baler clock set to 2015-03-11 02:36:32  
 2015-03-11 02:36:33.790 Starting to Read DP Tokens  
 2015-03-11 02:36:33.790 DP Tokens loaded, size=1474 bytes  
 2015-03-11 02:36:33.790 webserver advertising 192.168.200.119:5380  
 2015-03-11 02:36:33.790 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-11 02:36:33.790 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-11 02:36:33.790 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-11 02:36:33.790 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-11 02:36:33.790 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-11 02:36:33.790 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-11 02:36:33.790 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-11 02:36:33.790 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-11 02:36:33.790 [2015-03-10 14:29:58.000000] continuity found: 29247907  
 479312998.000000 Q=100  
 2015-03-11 02:36:33.790 [2015-03-10 14:29:58.000000] restoring continuity  
 2015-03-11 02:36:33.790 Sending DT\_OPEN  
 2015-03-11 02:36:33.790 Station: XX-2017  
 2015-03-11 02:36:33.790 Q330 Serial Number: 0100000DB18FC351  
 2015-03-11 02:36:33.790 AMB Serial Number: 0100000B6909DD82  
 2015-03-11 02:36:33.790 Seismo 1 Serial Number: 0000000000000000  
 2015-03-11 02:36:33.790 Seismo 2 Serial Number: 0000000000000000  
 2015-03-11 02:36:33.790 QAPCHP 1 Serial Number: 4643206  
 2015-03-11 02:36:33.790 QAPCHP 2 Serial Number: 3743050  
 2015-03-11 02:36:33.790 KMI Property Tag Number: 2017  
 2015-03-11 02:36:33.790 System Software Version: 1.146  
 2015-03-11 02:36:33.790 Slave Processor Version: 1.11  
 2015-03-11 02:36:33.790 Calibrator Type: QCAL330  
 2015-03-11 02:36:33.790 Calibrator Version: 1.8  
 2015-03-11 02:36:33.790 Auxiliary Board Type: None  
 2015-03-11 02:36:33.790 Clock Type: Motorola M12  
 2015-03-11 02:36:33.790 PLD Version: 7.9  
 2015-03-11 02:36:33.790 Total Hours: 73279.22  
 2015-03-11 02:36:33.790 Power On Hours: 37909.60  
 2015-03-11 02:36:33.790 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-11 02:36:33.790 Total Number of Boots: 120  
 2015-03-11 02:36:33.790 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-11 02:36:33.790 Total Number of Re-Syncs: 213  
 2015-03-11 02:36:33.790 Status Inputs: 00000000  
 2015-03-11 02:36:33.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-03-11 02:36:33.790 Clock Quality: 100%  
 2015-03-11 02:36:33.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-11 02:36:33.790 Clock Phase: 0 usec. max allowed=50000  
 2015-03-11 02:36:33.790 Boom positions:  
 2015-03-11 02:36:33.790 ch1: -3 ch2: 2 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2015-03-11 02:36:33.790 Analog Status  
 2015-03-11 02:36:33.790 Analog Positive Supply: 5.44V  
 2015-03-11 02:36:33.790 Input Voltage: 13.35V  
 2015-03-11 02:36:33.790 System Temperature: 5C  
 2015-03-11 02:36:33.790 Main Current: 62ma  
 2015-03-11 02:36:33.790 Antenna Current: 0ma  
 2015-03-11 02:36:33.790 GPS Status

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2015-03-11 02:36:33.790 Time: 02:36:32  
 2015-03-11 02:36:33.790 Date:  
 2015-03-11 02:36:33.790 Fix Type: 1-D  
 2015-03-11 02:36:33.790 Height:  
 2015-03-11 02:36:33.790 Latitude:  
 2015-03-11 02:36:33.790 Longitude:  
 2015-03-11 02:36:33.790 On Time: 0min  
 2015-03-11 02:36:33.790 Sat. Used: 0  
 2015-03-11 02:36:33.790 In View: 0  
 2015-03-11 02:36:33.790 Checksum Errors: 0  
 2015-03-11 02:36:33.790 Last GPS timemark: 2015-03-11 02:36:31  
 2015-03-11 02:36:33.790 PLL Status  
 2015-03-11 02:36:33.790 State: Lock  
 2015-03-11 02:36:33.790 Initial VCO: 2201.857666  
 2015-03-11 02:36:33.790 Time Error: 0.000000  
 2015-03-11 02:36:33.790 RMS VCO: 0.000000  
 2015-03-11 02:36:33.790 Best VCO: 2202.25  
 2015-03-11 02:36:33.790 Seconds Since Track or Lock: 0.0  
 2015-03-11 02:36:33.790 Vco Control: 2201  
 2015-03-11 02:36:33.790 timing mode: external seascan  
 2015-03-11 02:36:33.790 tempco normal  
 2015-03-11 02:36:33.790 PLL update: 10s PLL lock criterion: 5us  
 2015-03-11 02:36:33.790 Pfrac: 150.00  
 2015-03-11 02:36:33.790 VCO slope: -0.0175000  
 2015-03-11 02:36:33.790 VCO intercept: 7.1100001  
 2015-03-11 02:36:33.790 Km delta: 600.000000  
 2015-03-11 02:36:33.790 Logical Port 4 Status  
 2015-03-11 02:36:33.790 Data Packets Sent: 34609427  
 2015-03-11 02:36:33.790 Flood Packets Sent: 0  
 2015-03-11 02:36:33.790 Packets Re-Sent: 54082  
 2015-03-11 02:36:33.790 Sequence Errors: 0  
 2015-03-11 02:36:33.790 Packet Buffer Used: 20997292  
 2015-03-11 02:36:33.790 Physical Port: Ethernet  
 2015-03-11 02:36:33.790 Baler Model: 14 Software Version: 2.28  
 2015-03-11 02:36:33.790 MAC Address: 00:04:FB:00:02:EA  
 2015-03-11 02:36:33.790 Disk Size: 20000669696  
 2015-03-11 02:36:33.790 Percent of 1177 data files in use: 64.7  
 2015-03-11 02:36:33.790 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-11 02:36:33.790 Channel Sensitivities (uV per count):  
 2015-03-11 02:36:33.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-11 02:36:33.790 Digitizer Calibration Results:  
 2015-03-11 02:36:33.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-11 02:36:33.790 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-11 02:36:33.790 DMU1 Software Version=10  
 2015-03-11 02:36:33.790 Supply Voltage=12.7  
 2015-03-11 02:36:33.790 Supply Current=0.41  
 2015-03-11 02:36:33.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-11 02:36:33.790 WebLink Data Maps Restored  
 2015-03-11 02:36:33.790 [2015-03-10 14:29:58.000000] sequence resumes: 29247907 to  
 29247907  
 2015-03-11 02:36:33.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-11 02:36:32  
 2015-03-11 02:40:43.040 [2015-03-11 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-03-11 02:41:47.910 Reducing Status Polling Interval  
 2015-03-11 02:41:47.910 [2015-03-11 02:41:46.999998] total packets received: 44199  
 2015-03-11 02:41:47.910 [2015-03-11 02:41:46.999998] command timeouts: 6  
 2015-03-11 02:41:47.910 [2015-03-11 02:41:46.999998] out of window: 45  
 2015-03-11 02:41:47.910 written: HHZ-1101 HH1-1308 HH2-1245 BDH-420 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-03-11 02:41:47.910 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-20 LH1-24 LH2-24 LDH-24  
 VMZ-2 VM1-2  
 2015-03-11 02:41:47.910 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2

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2015-03-11 02:41:47.910 [2015-03-11 02:41:46.999998] Done: 4214 recs. seq end:
29291816. run: 311 s
2015-03-11 14:42:45.800
2015-03-11 14:42:45.800 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-11 14:42:45.800 Control Port 2491 Opened
2015-03-11 14:42:45.800 Baler ready on Ethernet
2015-03-11 14:42:45.800 Power Cycled Baler Acknowledged
2015-03-11 14:42:45.800 Commands Accepted by Q330
2015-03-11 14:42:45.800 Access timeout: 300 sec
2015-03-11 14:42:45.800 Control Port 4023 Opened
2015-03-11 14:42:45.800 Data Port 4024 Opened
2015-03-11 14:42:45.800 Registered with Q330
2015-03-11 14:42:45.800 Combination Record Received
2015-03-11 14:42:45.800 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-11 14:42:45.800 Link Reset, starting window sequence: 47020
2015-03-11 14:42:45.800 Manufacturer's Data Received, Property Tag=2017
2015-03-11 14:42:45.800 Digitizer Gain & Offsets Received
2015-03-11 14:42:45.800 Msg From 192.168.200.119:Baler XX-2017 readback. 4214 recs.
seq end: 29291816
2015-03-11 14:42:45.800 Baler clock set to 2015-03-11 14:42:44
2015-03-11 14:42:45.800 Starting to Read DP Tokens
2015-03-11 14:42:45.800 DP Tokens loaded, size=1474 bytes
2015-03-11 14:42:45.800 webserver advertising 192.168.200.119:5380
2015-03-11 14:42:45.800 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-11 14:42:45.800 filters & delay HH1:2@100,Linear all=0.320000
2015-03-11 14:42:45.800 filters & delay HH2:3@100,Linear all=0.320000
2015-03-11 14:42:45.800 filters & delay BDH:4@20,Linear all=1.650000
2015-03-11 14:42:45.800 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-11 14:42:45.800 filters & delay LH1:2@1,Linear all=15.000000
2015-03-11 14:42:45.800 filters & delay LH2:3@1,Linear all=15.000000
2015-03-11 14:42:45.800 filters & delay LDH:4@1,Linear all=15.000000
2015-03-11 14:42:45.800 [2015-03-11 02:41:46.999998] continuity found: 29291816
479356907.000000 Q=100
2015-03-11 14:42:45.800 [2015-03-11 02:41:46.999998] restoring continuity
2015-03-11 14:42:45.800 Sending DT_OPEN
2015-03-11 14:42:45.800 Station: XX-2017
2015-03-11 14:42:45.800 Q330 Serial Number: 0100000DB18FC351
2015-03-11 14:42:45.800 AMB Serial Number: 0100000B6909DD82
2015-03-11 14:42:45.800 Seismo 1 Serial Number: 0000000000000000
2015-03-11 14:42:45.800 Seismo 2 Serial Number: 0000000000000000
2015-03-11 14:42:45.800 QAPCHP 1 Serial Number: 4643206
2015-03-11 14:42:45.800 QAPCHP 2 Serial Number: 3743050
2015-03-11 14:42:45.800 KMI Property Tag Number: 2017
2015-03-11 14:42:45.800 System Software Version: 1.146
2015-03-11 14:42:45.800 Slave Processor Version: 1.11
2015-03-11 14:42:45.800 Calibrator Type: QCAL330
2015-03-11 14:42:45.800 Calibrator Version: 1.8
2015-03-11 14:42:45.800 Auxiliary Board Type: None
2015-03-11 14:42:45.800 Clock Type: Motorola M12
2015-03-11 14:42:45.800 PLD Version: 7.9
2015-03-11 14:42:45.800 Total Hours: 73291.32
2015-03-11 14:42:45.800 Power On Hours: 37921.71
2015-03-11 14:42:45.800 Time of Last Boot: 2014-04-06 02:03:58
2015-03-11 14:42:45.800 Total Number of Boots: 120
2015-03-11 14:42:45.800 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-11 14:42:45.800 Total Number of Re-Syncs: 213
2015-03-11 14:42:45.800 Status Inputs: 00000000
2015-03-11 14:42:45.800 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-11 14:42:45.800 Clock Quality: 100%
2015-03-11 14:42:45.800 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-11 14:42:45.800 Clock Phase: 0 usec. max allowed=50000
2015-03-11 14:42:45.800 Boom positions:
2015-03-11 14:42:45.800 ch1: -2 ch2: 2 ch3: 4 ch4: 20 ch5: 20 ch6: 20

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2015-03-11 14:42:45.800 Analog Status
2015-03-11 14:42:45.800 Analog Positive Supply: 5.46v
2015-03-11 14:42:45.800 Input Voltage: 13.05v
2015-03-11 14:42:45.800 System Temperature: 5C
2015-03-11 14:42:45.800 Main Current: 63ma
2015-03-11 14:42:45.800 Antenna Current: 0ma
2015-03-11 14:42:45.800 GPS Status
2015-03-11 14:42:45.800 Time: 14:42:43
2015-03-11 14:42:45.800 Date:
2015-03-11 14:42:45.800 Fix Type: 1-D
2015-03-11 14:42:45.800 Height:
2015-03-11 14:42:45.800 Latitude:
2015-03-11 14:42:45.800 Longitude:
2015-03-11 14:42:45.800 On Time: 0min
2015-03-11 14:42:45.800 Sat. Used: 0
2015-03-11 14:42:45.800 In View: 0
2015-03-11 14:42:45.800 Checksum Errors: 0
2015-03-11 14:42:45.800 Last GPS timemark: 2015-03-11 14:42:42
2015-03-11 14:42:45.800 PLL Status
2015-03-11 14:42:45.800 State: Lock
2015-03-11 14:42:45.800 Initial VCO: 2201.647461
2015-03-11 14:42:45.800 Time Error: 0.000000
2015-03-11 14:42:45.800 RMS VCO: 0.0000000
2015-03-11 14:42:45.800 Best VCO: 2201.62
2015-03-11 14:42:45.800 Seconds Since Track or Lock: 0.0
2015-03-11 14:42:45.800 Vco Control: 2201
2015-03-11 14:42:45.800 timing mode: external seascan
2015-03-11 14:42:45.800 tempco normal
2015-03-11 14:42:45.800 PLL update: 10s PLL lock criterion: 5us
2015-03-11 14:42:45.800 Pfrac: 150.00
2015-03-11 14:42:45.800 VCO slope: -0.0175000
2015-03-11 14:42:45.800 VCO intercept: 7.1100001
2015-03-11 14:42:45.800 km delta: 600.0000000
2015-03-11 14:42:45.800 Logical Port 4 Status
2015-03-11 14:42:45.800 Data Packets Sent: 34653551
2015-03-11 14:42:45.800 Flood Packets Sent: 0
2015-03-11 14:42:45.800 Packets Re-Sent: 54146
2015-03-11 14:42:45.800 Sequence Errors: 0
2015-03-11 14:42:45.800 Packet Buffer Used: 22461632
2015-03-11 14:42:45.800 Physical Port: Ethernet
2015-03-11 14:42:45.800 Baler Model: 14 Software Version: 2.28
2015-03-11 14:42:45.800 MAC Address: 00:04:FB:00:02:EA
2015-03-11 14:42:45.800 Disk Size: 20000669696
2015-03-11 14:42:45.800 Percent of 1177 data files in use: 64.8
2015-03-11 14:42:45.800 Channels Enabled: 1234 Preamps ON channels:
2015-03-11 14:42:45.800 Channel Sensitivities (uV per count):
2015-03-11 14:42:45.800 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-11 14:42:45.800 Digitizer Calibration Results:
2015-03-11 14:42:45.800 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-11 14:42:45.800 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-11 14:42:45.800 DMU1 Software Version=10
2015-03-11 14:42:45.800 Supply Voltage=12.6
2015-03-11 14:42:45.800 Supply Current=0.41
2015-03-11 14:42:45.800 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-11 14:42:45.800 webLink Data Maps Restored
2015-03-11 14:42:45.800 [2015-03-11 02:41:46.999998] sequence resumes: 29291816 to
29291816
2015-03-11 14:42:45.800 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-11 14:42:44
2015-03-11 14:48:26.450 Reducing Status Polling Interval
2015-03-11 14:48:26.450 [2015-03-11 14:48:24.999998] total packets received: 50962
2015-03-11 14:48:26.450 [2015-03-11 14:48:24.999998] command timeouts: 6
2015-03-11 14:48:26.450 [2015-03-11 14:48:24.999998] out of window: 67

```

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2015-03-11 14:48:26.450 written: HHZ-1217 HH1-1442 HH2-1346 BDH-434 VEP-2 VEC-2  
VEA-2 VKI-2 VCO-2  
2015-03-11 14:48:26.450 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24  
VMZ-2 VM1-2  
2015-03-11 14:48:26.450 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
2015-03-11 14:48:26.450 [2015-03-11 14:48:24.999998] Done: 4578 recs. seq end:  
29335414. run: 336 s  
2015-03-12 02:49:17.810  
2015-03-12 02:49:17.810 Quanterra Packet Baler Model 14 Restart. Version 2.28  
2015-03-12 02:49:17.810 Control Port 2491 Opened  
2015-03-12 02:49:17.810 Baler ready on Ethernet  
2015-03-12 02:49:17.810 Power Cycled Baler Acknowledged  
2015-03-12 02:49:17.810 Commands Accepted by Q330  
2015-03-12 02:49:17.810 Access timeout: 300 sec  
2015-03-12 02:49:17.810 Control Port 4023 Opened  
2015-03-12 02:49:17.810 Data Port 4024 Opened  
2015-03-12 02:49:17.810 Registered with Q330  
2015-03-12 02:49:17.810 Combination Record Received  
2015-03-12 02:49:17.810 window=4 Min. Timeout=10 Max. Timeout=30  
2015-03-12 02:49:17.810 Link Reset, starting window sequence: 32342  
2015-03-12 02:49:17.810 GPS Receiver ID Received  
2015-03-12 02:49:17.810 Manufacturer's Data Received, Property Tag=2017  
2015-03-12 02:49:17.810 Digitizer Gain & Offsets Received  
2015-03-12 02:49:17.810 Msg From 192.168.200.119:Baler XX-2017 readback. 4578 recs.  
seq end: 29335414  
2015-03-12 02:49:17.810 Baler clock set to 2015-03-12 02:49:16  
2015-03-12 02:49:17.810 Starting to Read DP Tokens  
2015-03-12 02:49:17.810 DP Tokens loaded, size=1474 bytes  
2015-03-12 02:49:17.810 webserver advertising 192.168.200.119:5380  
2015-03-12 02:49:17.810 filters & delay HHZ:1@100,Linear all=0.320000  
2015-03-12 02:49:17.810 filters & delay HH1:2@100,Linear all=0.320000  
2015-03-12 02:49:17.810 filters & delay HH2:3@100,Linear all=0.320000  
2015-03-12 02:49:17.810 filters & delay BDH:4@20,Linear all=1.650000  
2015-03-12 02:49:17.810 filters & delay LHZ:1@1,Linear all=15.000000  
2015-03-12 02:49:17.810 filters & delay LH1:2@1,Linear all=15.000000  
2015-03-12 02:49:17.810 filters & delay LH2:3@1,Linear all=15.000000  
2015-03-12 02:49:17.810 filters & delay LDH:4@1,Linear all=15.000000  
2015-03-12 02:49:17.810 [2015-03-11 14:48:24.999998] continuity found: 29335414  
479400505.000000 Q=100  
2015-03-12 02:49:17.810 [2015-03-11 14:48:24.999998] restoring continuity  
2015-03-12 02:49:17.810 Sending DT\_OPEN  
2015-03-12 02:49:17.810 Station: XX-2017  
2015-03-12 02:49:17.810 Q330 Serial Number: 0100000DB18FC351  
2015-03-12 02:49:17.810 AMB Serial Number: 0100000B6909DD82  
2015-03-12 02:49:17.810 Seismo 1 Serial Number: 0000000000000000  
2015-03-12 02:49:17.810 Seismo 2 Serial Number: 0000000000000000  
2015-03-12 02:49:17.810 QAPCHP 1 Serial Number: 4643206  
2015-03-12 02:49:17.810 QAPCHP 2 Serial Number: 3743050  
2015-03-12 02:49:17.810 KMI Property Tag Number: 2017  
2015-03-12 02:49:17.810 System Software Version: 1.146  
2015-03-12 02:49:17.810 Slave Processor Version: 1.11  
2015-03-12 02:49:17.810 Calibrator Type: QCAL330  
2015-03-12 02:49:17.810 Calibrator Version: 1.8  
2015-03-12 02:49:17.810 Auxiliary Board Type: None  
2015-03-12 02:49:17.810 Clock Type: Motorola M12  
2015-03-12 02:49:17.810 PLD Version: 7.9  
2015-03-12 02:49:17.810 Total Hours: 73303.43  
2015-03-12 02:49:17.810 Power On Hours: 37933.82  
2015-03-12 02:49:17.810 Time of Last Boot: 2014-04-06 02:03:58  
2015-03-12 02:49:17.810 Total Number of Boots: 120  
2015-03-12 02:49:17.810 Time of Last Re-Sync: 2014-04-06 02:17:08  
2015-03-12 02:49:17.810 Total Number of Re-Syncs: 213  
2015-03-12 02:49:17.810 Status Inputs: 00000000

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2015-03-12 02:49:17.810 AC OK: off, Input 1,2: Off,Off, Analog Fault: off  
 2015-03-12 02:49:17.810 Clock Quality: 100%  
 2015-03-12 02:49:17.810 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-12 02:49:17.810 Clock Phase: 0 usec. max allowed=50000  
 2015-03-12 02:49:17.810 Boom positions:  
 2015-03-12 02:49:17.810 Ch1: -3 Ch2: 2 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-12 02:49:17.810 Analog Status  
 2015-03-12 02:49:17.810 Analog Positive Supply: 5.46v  
 2015-03-12 02:49:17.810 Input Voltage: 13.20v  
 2015-03-12 02:49:17.810 System Temperature: 5C  
 2015-03-12 02:49:17.810 Main Current: 63ma  
 2015-03-12 02:49:17.810 Antenna Current: 0ma  
 2015-03-12 02:49:17.810 GPS Status  
 2015-03-12 02:49:17.810 Time: 02:49:16  
 2015-03-12 02:49:17.810 Date:  
 2015-03-12 02:49:17.810 Fix Type: 1-D  
 2015-03-12 02:49:17.810 Height:  
 2015-03-12 02:49:17.810 Latitude:  
 2015-03-12 02:49:17.810 Longitude:  
 2015-03-12 02:49:17.810 On Time: 0min  
 2015-03-12 02:49:17.810 Sat. Used: 0  
 2015-03-12 02:49:17.810 In View: 0  
 2015-03-12 02:49:17.810 Checksum Errors: 0  
 2015-03-12 02:49:17.810 Last GPS timemark: 2015-03-12 02:49:15  
 2015-03-12 02:49:17.810 PLL Status  
 2015-03-12 02:49:17.810 State: Lock  
 2015-03-12 02:49:17.810 Initial VCO: 2201.649658  
 2015-03-12 02:49:17.810 Time Error: 0.000000  
 2015-03-12 02:49:17.810 RMS VCO: 0.000000  
 2015-03-12 02:49:17.810 Best VCO: 2201.65  
 2015-03-12 02:49:17.810 Seconds Since Track or Lock: 0.0  
 2015-03-12 02:49:17.810 Vco Control: 2202  
 2015-03-12 02:49:17.810 timing mode: external seascan  
 2015-03-12 02:49:17.810 tempco normal  
 2015-03-12 02:49:17.810 PLL update: 10s PLL lock criterion: 5us  
 2015-03-12 02:49:17.810 Pfrac: 150.00  
 2015-03-12 02:49:17.810 VCO slope: -0.0175000  
 2015-03-12 02:49:17.810 VCO intercept: 7.1100001  
 2015-03-12 02:49:17.810 km delta: 600.000000  
 2015-03-12 02:49:17.810 Logical Port 4 Status  
 2015-03-12 02:49:17.810 Data Packets Sent: 34704415  
 2015-03-12 02:49:17.810 Flood Packets Sent: 0  
 2015-03-12 02:49:17.810 Packets Re-Sent: 54226  
 2015-03-12 02:49:17.810 Sequence Errors: 0  
 2015-03-12 02:49:17.810 Physical Port: Ethernet  
 2015-03-12 02:49:17.810 Baler Model: 14 Software Version: 2.28  
 2015-03-12 02:49:17.810 MAC Address: 00:04:FB:00:02:EA  
 2015-03-12 02:49:17.810 Disk Size: 20000669696  
 2015-03-12 02:49:17.810 Percent of 1177 data files in use: 65.0  
 2015-03-12 02:49:17.810 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-12 02:49:17.810 Channel Sensitivities (uV per count):  
 2015-03-12 02:49:17.810 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-12 02:49:17.810 Digitizer Calibration Results:  
 2015-03-12 02:49:17.810 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-12 02:49:17.810 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-12 02:49:17.810 DMU1 Software Version=10  
 2015-03-12 02:49:17.810 Supply Voltage=12.6  
 2015-03-12 02:49:17.810 Supply Current=0.41  
 2015-03-12 02:49:17.810 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-12 02:49:17.810 webLink Data Maps Restored  
 2015-03-12 02:49:17.810 [2015-03-11 14:48:24.999998] sequence resumes: 29335414 to 29335414  
 2015-03-12 02:49:17.810 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg

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2015-03-12 02:49:16
2015-03-12 02:53:32.660 [2015-03-12 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-12 02:54:46.480 [2015-03-12 02:45:08.000000] total packets received: 48500
2015-03-12 02:54:46.480 [2015-03-12 02:45:08.000000] command timeouts: 6
2015-03-12 02:54:46.480 [2015-03-12 02:45:08.000000] out of window: 62
2015-03-12 02:54:46.480 written: HHZ-1182 HH1-1409 HH2-1342 BDH-436 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-03-12 02:54:46.480 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2015-03-12 02:54:46.480 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-12 02:54:46.480 [2015-03-12 02:45:08.000000] Done: 4503 recs. seq end:
29378417. run: 325 s
2015-03-12 14:55:40.800
2015-03-12 14:55:40.800 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-12 14:55:40.800 Control Port 2491 Opened
2015-03-12 14:55:40.800 Baler ready on Ethernet
2015-03-12 14:55:40.800 Power Cycled Baler Acknowledged
2015-03-12 14:55:40.800 Commands Accepted by Q330
2015-03-12 14:55:40.800 Access timeout: 300 sec
2015-03-12 14:55:40.800 Control Port 4023 Opened
2015-03-12 14:55:40.800 Data Port 4024 Opened
2015-03-12 14:55:40.800 Registered with Q330
2015-03-12 14:55:40.800 Combination Record Received
2015-03-12 14:55:40.800 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-12 14:55:40.800 Link Reset, starting window sequence: 15209
2015-03-12 14:55:40.800 GPS Receiver ID Received
2015-03-12 14:55:40.800 Manufacturer's Data Received, Property Tag=2017
2015-03-12 14:55:40.800 Digitizer Gain & Offsets Received
2015-03-12 14:55:40.800 Msg From 192.168.200.119:Baler XX-2017 readback. 4503 recs.
seq end: 29378417
2015-03-12 14:55:40.800 Baler clock set to 2015-03-12 14:55:39
2015-03-12 14:55:40.800 Starting to Read DP Tokens
2015-03-12 14:55:40.800 DP Tokens loaded, size=1474 bytes
2015-03-12 14:55:40.800 webserver advertising 192.168.200.119:5380
2015-03-12 14:55:40.800 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-12 14:55:40.800 filters & delay HH1:2@100,Linear all=0.320000
2015-03-12 14:55:40.800 filters & delay HH2:3@100,Linear all=0.320000
2015-03-12 14:55:40.800 filters & delay BDH:4@20,Linear all=1.650000
2015-03-12 14:55:40.800 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-12 14:55:40.800 filters & delay LH1:2@1,Linear all=15.000000
2015-03-12 14:55:40.800 filters & delay LH2:3@1,Linear all=15.000000
2015-03-12 14:55:40.800 filters & delay LDH:4@1,Linear all=15.000000
2015-03-12 14:55:40.800 [2015-03-12 02:45:08.000000] continuity found: 29378417
479443508.000000 Q=100
2015-03-12 14:55:40.800 [2015-03-12 02:45:08.000000] restoring continuity
2015-03-12 14:55:40.800 Sending DT_OPEN
2015-03-12 14:55:40.800 Station: XX-2017
2015-03-12 14:55:40.800 Q330 Serial Number: 0100000DB18FC351
2015-03-12 14:55:40.800 AMB Serial Number: 0100000B6909DD82
2015-03-12 14:55:40.800 Seismo 1 Serial Number: 0000000000000000
2015-03-12 14:55:40.800 Seismo 2 Serial Number: 0000000000000000
2015-03-12 14:55:40.800 QAPCHP 1 Serial Number: 4643206
2015-03-12 14:55:40.800 QAPCHP 2 Serial Number: 3743050
2015-03-12 14:55:40.800 KMI Property Tag Number: 2017
2015-03-12 14:55:40.800 System Software Version: 1.146
2015-03-12 14:55:40.800 Slave Processor Version: 1.11
2015-03-12 14:55:40.800 Calibrator Type: QCAL330
2015-03-12 14:55:40.800 Calibrator Version: 1.8
2015-03-12 14:55:40.800 Auxiliary Board Type: None
2015-03-12 14:55:40.800 Clock Type: Motorola M12
2015-03-12 14:55:40.800 PLD Version: 7.9
2015-03-12 14:55:40.800 Total Hours: 73315.54

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2015-03-12 14:55:40.800 Power On Hours: 37945.92  
 2015-03-12 14:55:40.800 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-12 14:55:40.800 Total Number of Boots: 120  
 2015-03-12 14:55:40.800 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-12 14:55:40.800 Total Number of Re-Syncs: 213  
 2015-03-12 14:55:40.800 Status Inputs: 00000000  
 2015-03-12 14:55:40.800 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-12 14:55:40.800 Clock Quality: 100%  
 2015-03-12 14:55:40.800 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-12 14:55:40.800 Clock Phase: 0 usec. max allowed=50000  
 2015-03-12 14:55:40.800 Boom positions:  
 2015-03-12 14:55:40.800 Ch1: -3 Ch2: 2 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-12 14:55:40.800 Analog Status  
 2015-03-12 14:55:40.800 Analog Positive Supply: 5.46v  
 2015-03-12 14:55:40.800 Input Voltage: 13.20V  
 2015-03-12 14:55:40.800 System Temperature: 5C  
 2015-03-12 14:55:40.800 Main Current: 61ma  
 2015-03-12 14:55:40.800 Antenna Current: 0ma  
 2015-03-12 14:55:40.800 GPS Status  
 2015-03-12 14:55:40.800 Time: 14:55:39  
 2015-03-12 14:55:40.800 Date:  
 2015-03-12 14:55:40.800 Fix Type: 1-D  
 2015-03-12 14:55:40.800 Height:  
 2015-03-12 14:55:40.800 Latitude:  
 2015-03-12 14:55:40.800 Longitude:  
 2015-03-12 14:55:40.800 On Time: 0min  
 2015-03-12 14:55:40.800 Sat. Used: 0  
 2015-03-12 14:55:40.800 In View: 0  
 2015-03-12 14:55:40.800 Checksum Errors: 0  
 2015-03-12 14:55:40.800 Last GPS timemark: 2015-03-12 14:55:38  
 2015-03-12 14:55:40.800 PLL Status  
 2015-03-12 14:55:40.800 State: Lock  
 2015-03-12 14:55:40.800 Initial VCO: 2201.960938  
 2015-03-12 14:55:40.800 Time Error: 0.000000  
 2015-03-12 14:55:40.800 RMS VCO: 0.0000000  
 2015-03-12 14:55:40.800 Best VCO: 2201.97  
 2015-03-12 14:55:40.800 Seconds Since Track or Lock: 0.0  
 2015-03-12 14:55:40.800 Vco Control: 2202  
 2015-03-12 14:55:40.800 timing mode: external seascan  
 2015-03-12 14:55:40.800 tempco normal  
 2015-03-12 14:55:40.800 PLL update: 10s PLL lock criterion: 5us  
 2015-03-12 14:55:40.800 Pfrac: 150.00  
 2015-03-12 14:55:40.800 VCO slope: -0.0175000  
 2015-03-12 14:55:40.800 VCO intercept: 7.1100001  
 2015-03-12 14:55:40.800 Km delta: 600.0000000  
 2015-03-12 14:55:40.800 Logical Port 4 Status  
 2015-03-12 14:55:40.800 Data Packets Sent: 34752823  
 2015-03-12 14:55:40.800 Flood Packets Sent: 0  
 2015-03-12 14:55:40.800 Packets Re-Sent: 54308  
 2015-03-12 14:55:40.800 Sequence Errors: 0  
 2015-03-12 14:55:40.800 Packet Buffer Used: 23062912  
 2015-03-12 14:55:40.800 Physical Port: Ethernet  
 2015-03-12 14:55:40.800 Baler Model: 14 Software Version: 2.28  
 2015-03-12 14:55:40.800 MAC Address: 00:04:FB:00:02:EA  
 2015-03-12 14:55:40.800 Disk Size: 20000669696  
 2015-03-12 14:55:40.800 Percent of 1177 data files in use: 65.0  
 2015-03-12 14:55:40.800 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-12 14:55:40.800 Channel Sensitivities (uV per count):  
 2015-03-12 14:55:40.800 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-12 14:55:40.800 Digitizer Calibration Results:  
 2015-03-12 14:55:40.800 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-12 14:55:40.800 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-12 14:55:40.800 DMU1 Software Version=10



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2015-03-12 14:55:40.800 Supply Voltage=12.7  
 2015-03-12 14:55:40.800 Supply Current=0.41  
 2015-03-12 14:55:40.800 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-12 14:55:40.800 WebLink Data Maps Restored  
 2015-03-12 14:55:40.800 [2015-03-12 02:45:08.000000] sequence resumes: 29378417 to 29378417  
 2015-03-12 14:55:40.800 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-12 14:55:39  
 2015-03-12 15:01:27.600 Reducing Status Polling Interval  
 2015-03-12 15:01:27.600 [2015-03-12 15:01:26.999998] total packets received: 53425  
 2015-03-12 15:01:27.600 [2015-03-12 15:01:26.999998] command timeouts: 6  
 2015-03-12 15:01:27.600 [2015-03-12 15:01:26.999998] out of window: 60  
 2015-03-12 15:01:27.600 written: HHZ-1239 HH1-1492 HH2-1382 BDH-454 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-12 15:01:27.600 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-24 LH2-24 LDH-27  
 VMZ-2 VM1-2  
 2015-03-12 15:01:27.600 written: VM2-2 LOG-2 ACE-1 OCF-1  
 2015-03-12 15:01:27.600 [2015-03-12 15:01:26.999998] Done: 4713 recs. seq end: 29422596. run: 343 s  
 2015-03-13 03:02:21.760  
 2015-03-13 03:02:21.760 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-13 03:02:21.760 Control Port 2491 Opened  
 2015-03-13 03:02:21.760 Baler ready on Ethernet  
 2015-03-13 03:02:21.760 Power Cycled Baler Acknowledged  
 2015-03-13 03:02:21.760 Commands Accepted by Q330  
 2015-03-13 03:02:21.760 Access timeout: 300 sec  
 2015-03-13 03:02:21.760 Control Port 4023 Opened  
 2015-03-13 03:02:21.760 Data Port 4024 Opened  
 2015-03-13 03:02:21.760 Registered with Q330  
 2015-03-13 03:02:21.760 Combination Record Received  
 2015-03-13 03:02:21.760 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-13 03:02:21.760 Link Reset, starting window sequence: 3002  
 2015-03-13 03:02:21.760 GPS Receiver ID Received  
 2015-03-13 03:02:21.760 Manufacturer's Data Received, Property Tag=2017  
 2015-03-13 03:02:21.760 Digitizer Gain & Offsets Received  
 2015-03-13 03:02:21.760 Msg From 192.168.200.119:Baler XX-2017 readback. 4713 recs. seq end: 29422596  
 2015-03-13 03:02:21.760 Baler clock set to 2015-03-13 03:02:20  
 2015-03-13 03:02:21.760 Starting to Read DP Tokens  
 2015-03-13 03:02:21.760 DP Tokens loaded, size=1474 bytes  
 2015-03-13 03:02:21.760 webserver advertising 192.168.200.119:5380  
 2015-03-13 03:02:21.760 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-13 03:02:21.760 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-13 03:02:21.760 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-13 03:02:21.760 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-13 03:02:21.760 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-13 03:02:21.760 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-13 03:02:21.760 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-13 03:02:21.760 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-13 03:02:21.760 [2015-03-12 15:01:26.999998] continuity found: 29422596  
 479487687.000000 Q=100  
 2015-03-13 03:02:21.760 [2015-03-12 15:01:26.999998] restoring continuity  
 2015-03-13 03:02:21.760 Sending DT\_OPEN  
 2015-03-13 03:02:21.760 Station: XX-2017  
 2015-03-13 03:02:21.760 Q330 Serial Number: 0100000DB18FC351  
 2015-03-13 03:02:21.760 AMB Serial Number: 0100000B6909DD82  
 2015-03-13 03:02:21.760 Seismo 1 Serial Number: 0000000000000000  
 2015-03-13 03:02:21.760 Seismo 2 Serial Number: 0000000000000000  
 2015-03-13 03:02:21.760 QAPCHP 1 Serial Number: 4643206  
 2015-03-13 03:02:21.760 QAPCHP 2 Serial Number: 3743050  
 2015-03-13 03:02:21.760 KMI Property Tag Number: 2017  
 2015-03-13 03:02:21.760 System Software Version: 1.146  
 2015-03-13 03:02:21.760 Slave Processor Version: 1.11

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2015-03-13 03:02:21.760 Calibrator Type: QCAL330  
 2015-03-13 03:02:21.760 Calibrator Version: 1.8  
 2015-03-13 03:02:21.760 Clock Type: Motorola M12  
 2015-03-13 03:02:21.760 PLD Version: 7.9  
 2015-03-13 03:02:21.760 Total Hours: 73327.65  
 2015-03-13 03:02:21.760 Power On Hours: 37958.03  
 2015-03-13 03:02:21.760 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-13 03:02:21.760 Total Number of Boots: 120  
 2015-03-13 03:02:21.760 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-13 03:02:21.760 Total Number of Re-Syncs: 213  
 2015-03-13 03:02:21.760 Status Inputs: 00000000  
 2015-03-13 03:02:21.760 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-13 03:02:21.760 Clock Quality: 100%  
 2015-03-13 03:02:21.760 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-13 03:02:21.760 Clock Phase: 0 usec. max allowed=50000  
 2015-03-13 03:02:21.760 Boom positions:  
 2015-03-13 03:02:21.760 ch1: -2 ch2: 2 ch3: 6 ch4: 20 ch5: 20 ch6: 20  
 2015-03-13 03:02:21.760 Analog Status  
 2015-03-13 03:02:21.760 Analog Positive Supply: 5.46V  
 2015-03-13 03:02:21.760 Input Voltage: 13.20V  
 2015-03-13 03:02:21.760 System Temperature: 5C  
 2015-03-13 03:02:21.760 Main Current: 62ma  
 2015-03-13 03:02:21.760 Antenna Current: 0ma  
 2015-03-13 03:02:21.760 GPS Status  
 2015-03-13 03:02:21.760 Time: 03:02:20  
 2015-03-13 03:02:21.760 Date:  
 2015-03-13 03:02:21.760 Fix Type: 1-D  
 2015-03-13 03:02:21.760 Height:  
 2015-03-13 03:02:21.760 Latitude:  
 2015-03-13 03:02:21.760 Longitude:  
 2015-03-13 03:02:21.760 On Time: 0min  
 2015-03-13 03:02:21.760 Sat. Used: 0  
 2015-03-13 03:02:21.760 In View: 0  
 2015-03-13 03:02:21.760 Checksum Errors: 0  
 2015-03-13 03:02:21.760 Last GPS timemark: 2015-03-13 03:02:19  
 2015-03-13 03:02:21.760 PLL Status  
 2015-03-13 03:02:21.760 State: Lock  
 2015-03-13 03:02:21.760 Initial VCO: 2201.985596  
 2015-03-13 03:02:21.760 Time Error: 0.000000  
 2015-03-13 03:02:21.760 RMS VCO: 0.0000000  
 2015-03-13 03:02:21.760 Best VCO: 2201.98  
 2015-03-13 03:02:21.760 Seconds Since Track or Lock: 0.0  
 2015-03-13 03:02:21.760 vco Control: 2202  
 2015-03-13 03:02:21.760 timing mode: external seascan  
 2015-03-13 03:02:21.760 tempco normal  
 2015-03-13 03:02:21.760 PLL update: 10s PLL lock criterion: 5us  
 2015-03-13 03:02:21.760 Pfrac: 150.00  
 2015-03-13 03:02:21.760 VCO slope: -0.0175000  
 2015-03-13 03:02:21.760 VCO intercept: 7.1100001  
 2015-03-13 03:02:21.760 Km delta: 600.0000000  
 2015-03-13 03:02:21.760 Logical Port 4 Status  
 2015-03-13 03:02:21.760 Data Packets Sent: 34806157  
 2015-03-13 03:02:21.760 Flood Packets Sent: 0  
 2015-03-13 03:02:21.760 Packets Re-Sent: 54386  
 2015-03-13 03:02:21.760 Sequence Errors: 0  
 2015-03-13 03:02:21.760 Packet Buffer Used: 22672504  
 2015-03-13 03:02:21.760 Physical Port: Ethernet  
 2015-03-13 03:02:21.760 Baler Model: 14 Software Version: 2.28  
 2015-03-13 03:02:21.760 MAC Address: 00:04:FB:00:02:EA  
 2015-03-13 03:02:21.760 Disk Size: 20000669696  
 2015-03-13 03:02:21.760 Percent of 1177 data files in use: 65.1  
 2015-03-13 03:02:21.760 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-13 03:02:21.760 Channel sensitivities (uV per count):

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2015-03-13 03:02:21.760 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-13 03:02:21.760 Digitizer Calibration Results:
2015-03-13 03:02:21.760 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-13 03:02:21.760 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-13 03:02:21.760 DMU1 Software Version=10
2015-03-13 03:02:21.760 Supply Voltage=12.6
2015-03-13 03:02:21.760 Supply Current=0.42
2015-03-13 03:02:21.760 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-13 03:02:21.760 WebLink Data Maps Restored
2015-03-13 03:02:21.760 [2015-03-12 15:01:26.999998] sequence resumes: 29422596 to
29422596
2015-03-13 03:02:21.760 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-13 03:02:20
2015-03-13 03:06:34.360 [2015-03-13 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-13 03:08:02.460 Reducing Status Polling Interval
2015-03-13 03:08:02.460 [2015-03-13 03:08:01.999998] total packets received: 49276
2015-03-13 03:08:02.460 [2015-03-13 03:08:01.999998] command timeouts: 6
2015-03-13 03:08:02.460 [2015-03-13 03:08:01.999998] out of window: 68
2015-03-13 03:08:02.460 written: HHZ-1197 HH1-1454 HH2-1388 BDH-450 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-03-13 03:08:02.460 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-25 LDH-30
VMZ-2 VM1-2
2015-03-13 03:08:02.460 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-13 03:08:02.460 [2015-03-13 03:08:01.999998] Done: 4638 recs. seq end:
29466191. run: 336 s
2015-03-13 15:08:56.780
2015-03-13 15:08:56.780 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-13 15:08:56.780 Control Port 2491 Opened
2015-03-13 15:08:56.780 Baler ready on Ethernet
2015-03-13 15:08:56.780 Power Cycled Baler Acknowledged
2015-03-13 15:08:56.780 Commands Accepted by Q330
2015-03-13 15:08:56.780 Access timeout: 300 sec
2015-03-13 15:08:56.780 Control Port 4023 Opened
2015-03-13 15:08:56.780 Data Port 4024 Opened
2015-03-13 15:08:56.780 Registered with Q330
2015-03-13 15:08:56.780 Combination Record Received
2015-03-13 15:08:56.780 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-13 15:08:56.780 Link Reset, starting window sequence: 52174
2015-03-13 15:08:56.780 GPS Receiver ID Received
2015-03-13 15:08:56.780 Manufacturer's Data Received, Property Tag=2017
2015-03-13 15:08:56.780 Digitizer Gain & Offsets Received
2015-03-13 15:08:56.780 Msg From 192.168.200.119:Baler XX-2017 readback. 4638 recs.
seq end: 29466191
2015-03-13 15:08:56.780 Baler clock set to 2015-03-13 15:08:55
2015-03-13 15:08:56.780 Starting to Read DP Tokens
2015-03-13 15:08:56.780 DP Tokens loaded, size=1474 bytes
2015-03-13 15:08:56.780 Webserver advertising 192.168.200.119:5380
2015-03-13 15:08:56.780 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-13 15:08:56.780 filters & delay HH1:2@100,Linear all=0.320000
2015-03-13 15:08:56.780 filters & delay HH2:3@100,Linear all=0.320000
2015-03-13 15:08:56.780 filters & delay BDH:4@20,Linear all=1.650000
2015-03-13 15:08:56.780 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-13 15:08:56.780 filters & delay LH1:2@1,Linear all=15.000000
2015-03-13 15:08:56.780 filters & delay LH2:3@1,Linear all=15.000000
2015-03-13 15:08:56.780 filters & delay LDH:4@1,Linear all=15.000000
2015-03-13 15:08:56.780 [2015-03-13 03:08:01.999998] continuity found: 29466191
479531282.000000 Q=100
2015-03-13 15:08:56.780 [2015-03-13 03:08:01.999998] restoring continuity
2015-03-13 15:08:56.780 Sending DT_OPEN
2015-03-13 15:08:56.780 Station: XX-2017
2015-03-13 15:08:56.780 Q330 Serial Number: 0100000DB18FC351
2015-03-13 15:08:56.780 AMB Serial Number: 0100000B6909DD82

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2015-03-13 15:08:56.780 Seismo 1 Serial Number: 0000000000000000  
 2015-03-13 15:08:56.780 Seismo 2 Serial Number: 0000000000000000  
 2015-03-13 15:08:56.780 QAPCHP 1 Serial Number: 4643206  
 2015-03-13 15:08:56.780 QAPCHP 2 Serial Number: 3743050  
 2015-03-13 15:08:56.780 KMI Property Tag Number: 2017  
 2015-03-13 15:08:56.780 System Software Version: 1.146  
 2015-03-13 15:08:56.780 Slave Processor Version: 1.11  
 2015-03-13 15:08:56.780 Calibrator Type: QCAL330  
 2015-03-13 15:08:56.780 Calibrator Version: 1.8  
 2015-03-13 15:08:56.780 Auxiliary Board Type: None  
 2015-03-13 15:08:56.780 Clock Type: Motorola M12  
 2015-03-13 15:08:56.780 PLD Version: 7.9  
 2015-03-13 15:08:56.780 Total Hours: 73339.76  
 2015-03-13 15:08:56.780 Power On Hours: 37970.14  
 2015-03-13 15:08:56.780 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-13 15:08:56.780 Total Number of Boots: 120  
 2015-03-13 15:08:56.780 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-13 15:08:56.780 Total Number of Re-Syncs: 213  
 2015-03-13 15:08:56.780 Status Inputs: 00000000  
 2015-03-13 15:08:56.780 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-13 15:08:56.780 Clock Quality: 100%  
 2015-03-13 15:08:56.780 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-13 15:08:56.780 Clock Phase: 0 usec. max allowed=50000  
 2015-03-13 15:08:56.780 Boom positions:  
 2015-03-13 15:08:56.780 ch1: -3 ch2: 2 ch3: 4 ch4: 20 ch5: 20 ch6: 20  
 2015-03-13 15:08:56.780 Analog Status  
 2015-03-13 15:08:56.780 Analog Positive Supply: 5.46V  
 2015-03-13 15:08:56.780 Input Voltage: 13.20V  
 2015-03-13 15:08:56.780 System Temperature: 5C  
 2015-03-13 15:08:56.780 Main Current: 62ma  
 2015-03-13 15:08:56.780 Antenna Current: 0ma  
 2015-03-13 15:08:56.780 GPS Status  
 2015-03-13 15:08:56.780 Time: 15:08:55  
 2015-03-13 15:08:56.780 Date:  
 2015-03-13 15:08:56.780 Fix Type: 1-D  
 2015-03-13 15:08:56.780 Height:  
 2015-03-13 15:08:56.780 Latitude:  
 2015-03-13 15:08:56.780 Longitude:  
 2015-03-13 15:08:56.780 On Time: 0min  
 2015-03-13 15:08:56.780 Sat. Used: 0  
 2015-03-13 15:08:56.780 In View: 0  
 2015-03-13 15:08:56.780 Checksum Errors: 0  
 2015-03-13 15:08:56.780 Last GPS timemark: 2015-03-13 15:08:54  
 2015-03-13 15:08:56.780 PLL Status  
 2015-03-13 15:08:56.780 State: Lock  
 2015-03-13 15:08:56.780 Initial VCO: 2202.000244  
 2015-03-13 15:08:56.780 Time Error: 0.000000  
 2015-03-13 15:08:56.780 RMS VCO: 0.0000000  
 2015-03-13 15:08:56.780 Best VCO: 2202.00  
 2015-03-13 15:08:56.780 Seconds Since Track or Lock: 0.0  
 2015-03-13 15:08:56.780 Vco Control: 2202  
 2015-03-13 15:08:56.780 timing mode: external seascan  
 2015-03-13 15:08:56.780 tempco normal  
 2015-03-13 15:08:56.780 PLL update: 10s PLL lock criterion: 5us  
 2015-03-13 15:08:56.780 Pfrac: 150.00  
 2015-03-13 15:08:56.780 VCO slope: -0.0175000  
 2015-03-13 15:08:56.780 VCO intercept: 7.1100001  
 2015-03-13 15:08:56.780 km delta: 600.0000000  
 2015-03-13 15:08:56.780 Logical Port 4 Status  
 2015-03-13 15:08:56.780 Data Packets Sent: 34855334  
 2015-03-13 15:08:56.780 Flood Packets Sent: 0  
 2015-03-13 15:08:56.780 Packets Re-Sent: 54467  
 2015-03-13 15:08:56.780 Sequence Errors: 0

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2015-03-13 15:08:56.780 Packet Buffer Used: 21742164
2015-03-13 15:08:56.780 Physical Port: Ethernet
2015-03-13 15:08:56.780 Baler Model: 14   Software Version: 2.28
2015-03-13 15:08:56.780 MAC Address: 00:04:FB:00:02:EA
2015-03-13 15:08:56.780 Disk Size: 20000669696
2015-03-13 15:08:56.780 Percent of 1177 data files in use: 65.2
2015-03-13 15:08:56.780 Channels Enabled: 1234   Preamps ON channels:
2015-03-13 15:08:56.780 Channel Sensitivities (uV per count):
2015-03-13 15:08:56.780 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-13 15:08:56.780 Digitizer Calibration Results:
2015-03-13 15:08:56.780 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2015-03-13 15:08:56.780 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2015-03-13 15:08:56.780 DMU1 Software Version=10
2015-03-13 15:08:56.780 Supply Voltage=12.6
2015-03-13 15:08:56.780 Supply Current=0.41
2015-03-13 15:08:56.780 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-13 15:08:56.780 webLink Data Maps Restored
2015-03-13 15:08:56.780 [2015-03-13 03:08:01.999998] sequence resumes: 29466191 to
29466191
2015-03-13 15:08:56.780 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-13 15:08:55
2015-03-13 15:14:23.260 Reducing Status Polling Interval
2015-03-13 15:14:23.260 [2015-03-13 15:14:21.999998] total packets received: 45125
2015-03-13 15:14:23.260 [2015-03-13 15:14:21.999998] command timeouts: 6
2015-03-13 15:14:23.260 [2015-03-13 15:14:21.999998] out of window: 45
2015-03-13 15:14:23.260 written: HHZ-1135 HH1-1336 HH2-1345 BDH-448 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-03-13 15:14:23.260 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-24 LDH-29
VMZ-1 VM1-1
2015-03-13 15:14:23.260 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-13 15:14:23.260 [2015-03-13 15:14:21.999998] Done: 4405 recs. seq end:
29509771. run: 322 s
2015-03-14 03:15:17.740
2015-03-14 03:15:17.740 Control Port 2491 Opened
2015-03-14 03:15:17.740 Baler ready on Ethernet
2015-03-14 03:15:17.740 Power Cycled Baler Acknowledged
2015-03-14 03:15:17.740 Commands Accepted by Q330
2015-03-14 03:15:17.740 Access timeout: 300 sec
2015-03-14 03:15:17.740 Control Port 4023 Opened
2015-03-14 03:15:17.740 Data Port 4024 Opened
2015-03-14 03:15:17.740 Registered with Q330
2015-03-14 03:15:17.740 Combination Record Received
2015-03-14 03:15:17.740 window=4   Min. Timeout=10   Max. Timeout=30
2015-03-14 03:15:17.740 Link Reset, starting window sequence: 31683
2015-03-14 03:15:17.740 GPS Receiver ID Received
2015-03-14 03:15:17.740 Manufacturer's Data Received, Property Tag=2017
2015-03-14 03:15:17.740 Digitizer Gain & Offsets Received
2015-03-14 03:15:17.740 Msg From 192.168.200.119:Baler XX-2017 readback. 4405 recs.
seq end: 29509771
2015-03-14 03:15:17.740 Baler clock set to 2015-03-14 03:15:16
2015-03-14 03:15:17.740 Starting to Read DP Tokens
2015-03-14 03:15:17.740 DP Tokens loaded, size=1474 bytes
2015-03-14 03:15:17.740 webserver advertising 192.168.200.119:5380
2015-03-14 03:15:17.740 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-14 03:15:17.740 filters & delay HH1:2@100,Linear all=0.320000
2015-03-14 03:15:17.740 filters & delay HH2:3@100,Linear all=0.320000
2015-03-14 03:15:17.740 filters & delay BDH:4@20,Linear all=1.650000
2015-03-14 03:15:17.740 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-14 03:15:17.740 filters & delay LH1:2@1,Linear all=15.000000
2015-03-14 03:15:17.740 filters & delay LH2:3@1,Linear all=15.000000
2015-03-14 03:15:17.740 filters & delay LDH:4@1,Linear all=15.000000
2015-03-14 03:15:17.740 [2015-03-13 15:14:21.999998] continuity found: 29509771
479574862.000000   Q=100

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2015-03-14 03:15:17.740 [2015-03-13 15:14:21.999998] restoring continuity  
 2015-03-14 03:15:17.740 Sending DT\_OPEN  
 2015-03-14 03:15:17.740 Station: XX-2017  
 2015-03-14 03:15:17.740 Q330 Serial Number: 0100000DB18FC351  
 2015-03-14 03:15:17.740 AMB Serial Number: 0100000B6909DD82  
 2015-03-14 03:15:17.740 Seismo 1 Serial Number: 0000000000000000  
 2015-03-14 03:15:17.740 Seismo 2 Serial Number: 0000000000000000  
 2015-03-14 03:15:17.740 QAPCHP 1 Serial Number: 4643206  
 2015-03-14 03:15:17.740 QAPCHP 2 Serial Number: 3743050  
 2015-03-14 03:15:17.740 KMI Property Tag Number: 2017  
 2015-03-14 03:15:17.740 System Software Version: 1.146  
 2015-03-14 03:15:17.740 Slave Processor Version: 1.11  
 2015-03-14 03:15:17.740 Calibrator Type: QCAL330  
 2015-03-14 03:15:17.740 Calibrator Version: 1.8  
 2015-03-14 03:15:17.740 Auxiliary Board Type: None  
 2015-03-14 03:15:17.740 Clock Type: Motorola M12  
 2015-03-14 03:15:17.740 PLD Version: 7.9  
 2015-03-14 03:15:17.740 Total Hours: 73351.87  
 2015-03-14 03:15:17.740 Power On Hours: 37982.25  
 2015-03-14 03:15:17.740 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-14 03:15:17.740 Total Number of Boots: 120  
 2015-03-14 03:15:17.740 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-14 03:15:17.740 Total Number of Re-Syncs: 213  
 2015-03-14 03:15:17.740 Status Inputs: 00000000  
 2015-03-14 03:15:17.740 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-03-14 03:15:17.740 Clock Quality: 100%  
 2015-03-14 03:15:17.740 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-14 03:15:17.740 Clock Phase: 0 usec. max allowed=50000  
 2015-03-14 03:15:17.740 Boom positions:  
 2015-03-14 03:15:17.740 Ch1: -3 Ch2: 2 Ch3: 5 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-14 03:15:17.740 Analog Status  
 2015-03-14 03:15:17.740 Analog Positive Supply: 5.44v  
 2015-03-14 03:15:17.740 Input Voltage: 13.05V  
 2015-03-14 03:15:17.740 System Temperature: 5C  
 2015-03-14 03:15:17.740 Main Current: 63ma  
 2015-03-14 03:15:17.740 Antenna Current: 0ma  
 2015-03-14 03:15:17.740 GPS Status  
 2015-03-14 03:15:17.740 Time: 03:15:15  
 2015-03-14 03:15:17.740 Date:  
 2015-03-14 03:15:17.740 Fix Type: 1-D  
 2015-03-14 03:15:17.740 Height:  
 2015-03-14 03:15:17.740 Latitude:  
 2015-03-14 03:15:17.740 Longitude:  
 2015-03-14 03:15:17.740 On Time: 0min  
 2015-03-14 03:15:17.740 Sat. Used: 0  
 2015-03-14 03:15:17.740 In View: 0  
 2015-03-14 03:15:17.740 Checksum Errors: 0  
 2015-03-14 03:15:17.740 Last GPS timemark: 2015-03-14 03:15:14  
 2015-03-14 03:15:17.740 PLL Status  
 2015-03-14 03:15:17.740 State: Lock  
 2015-03-14 03:15:17.740 Initial VCO: 2202.002686  
 2015-03-14 03:15:17.740 Time Error: 0.000000  
 2015-03-14 03:15:17.740 RMS VCO: 0.000000  
 2015-03-14 03:15:17.740 Best VCO: 2202.00  
 2015-03-14 03:15:17.740 Seconds Since Track or Lock: 0.0  
 2015-03-14 03:15:17.740 Vco Control: 2202  
 2015-03-14 03:15:17.740 timing mode: external seascan  
 2015-03-14 03:15:17.740 tempco normal  
 2015-03-14 03:15:17.740 PLL update: 10s PLL lock criterion: 5us  
 2015-03-14 03:15:17.740 Pfrac: 150.00  
 2015-03-14 03:15:17.740 VCO slope: -0.0175000  
 2015-03-14 03:15:17.740 VCO intercept: 7.1100001  
 2015-03-14 03:15:17.740 km delta: 600.0000000

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2015-03-14 03:15:17.740 Logical Port 4 Status  
 2015-03-14 03:15:17.740 Data Packets Sent: 34900384  
 2015-03-14 03:15:17.740 Flood Packets Sent: 0  
 2015-03-14 03:15:17.740 Packets Re-Sent: 54533  
 2015-03-14 03:15:17.740 Sequence Errors: 0  
 2015-03-14 03:15:17.740 Packet Buffer Used: 22502868  
 2015-03-14 03:15:17.740 Physical Port: Ethernet  
 2015-03-14 03:15:17.740 Baler Model: 14 Software Version: 2.28  
 2015-03-14 03:15:17.740 MAC Address: 00:04:FB:00:02:EA  
 2015-03-14 03:15:17.740 Disk Size: 20000669696  
 2015-03-14 03:15:17.740 Percent of 1177 data files in use: 65.3  
 2015-03-14 03:15:17.740 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-14 03:15:17.740 Channel Sensitivities (uV per count):  
 2015-03-14 03:15:17.740 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-14 03:15:17.740 Digitizer Calibration Results:  
 2015-03-14 03:15:17.740 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-14 03:15:17.740 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-14 03:15:17.740 DMU1 Software Version=10  
 2015-03-14 03:15:17.740 Supply Voltage=12.5  
 2015-03-14 03:15:17.740 Supply Current=0.42  
 2015-03-14 03:15:17.740 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-14 03:15:17.740 WebLink Data Maps Restored  
 2015-03-14 03:15:17.740 [2015-03-13 15:14:21.999998] sequence resumes: 29509771 to  
 29509771  
 2015-03-14 03:15:17.740 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-03-14 03:15:16  
 2015-03-14 03:19:21.230 [2015-03-14 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-03-14 03:20:56.090 Reducing Status Polling Interval  
 2015-03-14 03:20:56.090 [2015-03-14 03:20:54.999998] total packets received: 49807  
 2015-03-14 03:20:56.090 [2015-03-14 03:20:54.999998] command timeouts: 6  
 2015-03-14 03:20:56.090 [2015-03-14 03:20:54.999998] out of window: 62  
 2015-03-14 03:20:56.090 written: HHZ-1196 HH1-1358 HH2-1452 BDH-445 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-14 03:20:56.090 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-28  
 VMZ-2 VM1-2  
 2015-03-14 03:20:56.090 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-03-14 03:20:56.090 [2015-03-14 03:20:54.999998] Done: 4600 recs. seq end:  
 29553364. run: 334 s  
 2015-03-14 15:21:50.790  
 2015-03-14 15:21:50.790 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-14 15:21:50.790 Control Port 2491 Opened  
 2015-03-14 15:21:50.790 Baler ready on Ethernet  
 2015-03-14 15:21:50.790 Power Cycled Baler Acknowledged  
 2015-03-14 15:21:50.790 Commands Accepted by Q330  
 2015-03-14 15:21:50.790 Access timeout: 300 sec  
 2015-03-14 15:21:50.790 Control Port 4023 Opened  
 2015-03-14 15:21:50.790 Data Port 4024 Opened  
 2015-03-14 15:21:50.790 Registered with Q330  
 2015-03-14 15:21:50.790 Combination Record Received  
 2015-03-14 15:21:50.790 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-14 15:21:50.790 Link Reset, starting window sequence: 15856  
 2015-03-14 15:21:50.790 GPS Receiver ID Received  
 2015-03-14 15:21:50.790 Manufacturer's Data Received, Property Tag=2017  
 2015-03-14 15:21:50.790 Digitizer Gain & Offsets Received  
 2015-03-14 15:21:50.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4600 recs.  
 seq end: 29553364  
 2015-03-14 15:21:50.790 Baler clock set to 2015-03-14 15:21:49  
 2015-03-14 15:21:50.790 Starting to Read DP Tokens  
 2015-03-14 15:21:50.790 DP Tokens loaded, size=1474 bytes  
 2015-03-14 15:21:50.790 webserver advertising 192.168.200.119:5380  
 2015-03-14 15:21:50.790 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-14 15:21:50.790 filters & delay HH1:2@100,Linear all=0.320000

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2015-03-14 15:21:50.790 filters & delay HH2:3@100,Linear all=0.320000
2015-03-14 15:21:50.790 filters & delay BDH:4@20,Linear all=1.650000
2015-03-14 15:21:50.790 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-14 15:21:50.790 filters & delay LH1:2@1,Linear all=15.000000
2015-03-14 15:21:50.790 filters & delay LH2:3@1,Linear all=15.000000
2015-03-14 15:21:50.790 filters & delay LDH:4@1,Linear all=15.000000
2015-03-14 15:21:50.790 [2015-03-14 03:20:54.999998] continuity found: 29553364
479618455.000000 Q=100
2015-03-14 15:21:50.790 [2015-03-14 03:20:54.999998] restoring continuity
2015-03-14 15:21:50.790 Sending DT_OPEN
2015-03-14 15:21:50.790 Station: XX-2017
2015-03-14 15:21:50.790 Q330 Serial Number: 0100000DB18FC351
2015-03-14 15:21:50.790 AMB Serial Number: 0100000B6909DD82
2015-03-14 15:21:50.790 Seismo 1 Serial Number: 0000000000000000
2015-03-14 15:21:50.790 Seismo 2 Serial Number: 0000000000000000
2015-03-14 15:21:50.790 QAPCHP 1 Serial Number: 4643206
2015-03-14 15:21:50.790 QAPCHP 2 Serial Number: 3743050
2015-03-14 15:21:50.790 KMI Property Tag Number: 2017
2015-03-14 15:21:50.790 System Software Version: 1.146
2015-03-14 15:21:50.790 Slave Processor Version: 1.11
2015-03-14 15:21:50.790 Calibrator Type: QCAL330
2015-03-14 15:21:50.790 Calibrator Version: 1.8
2015-03-14 15:21:50.790 Auxiliary Board Type: None
2015-03-14 15:21:50.790 Clock Type: Motorola M12
2015-03-14 15:21:50.790 PLD Version: 7.9
2015-03-14 15:21:50.790 Total Hours: 73363.98
2015-03-14 15:21:50.790 Power On Hours: 37994.36
2015-03-14 15:21:50.790 Time of Last Boot: 2014-04-06 02:03:58
2015-03-14 15:21:50.790 Total Number of Boots: 120
2015-03-14 15:21:50.790 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-14 15:21:50.790 Total Number of Re-Syncs: 213
2015-03-14 15:21:50.790 Status Inputs: 00000000
2015-03-14 15:21:50.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off
2015-03-14 15:21:50.790 Clock Quality: 100%
2015-03-14 15:21:50.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-14 15:21:50.790 Clock Phase: 0 usec. max allowed=50000
2015-03-14 15:21:50.790 Boom positions:
2015-03-14 15:21:50.790 Ch1: -3 Ch2: 2 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-14 15:21:50.790 Analog Status
2015-03-14 15:21:50.790 Analog Positive Supply: 5.46V
2015-03-14 15:21:50.790 Input Voltage: 13.20V
2015-03-14 15:21:50.790 System Temperature: 5C
2015-03-14 15:21:50.790 Main Current: 62ma
2015-03-14 15:21:50.790 Antenna Current: 0ma
2015-03-14 15:21:50.790 GPS Status
2015-03-14 15:21:50.790 Time: 15:21:49
2015-03-14 15:21:50.790 Date:
2015-03-14 15:21:50.790 Fix Type: 1-D
2015-03-14 15:21:50.790 Height:
2015-03-14 15:21:50.790 Latitude:
2015-03-14 15:21:50.790 Longitude:
2015-03-14 15:21:50.790 On Time: 0min
2015-03-14 15:21:50.790 Sat. Used: 0
2015-03-14 15:21:50.790 In View: 0
2015-03-14 15:21:50.790 Checksum Errors: 0
2015-03-14 15:21:50.790 Last GPS timemark: 2015-03-14 15:21:48
2015-03-14 15:21:50.790 PLL Status
2015-03-14 15:21:50.790 State: Lock
2015-03-14 15:21:50.790 Initial VCO: 2202.102051
2015-03-14 15:21:50.790 Time Error: 0.000000
2015-03-14 15:21:50.790 RMS VCO: 0.000000
2015-03-14 15:21:50.790 Seconds Since Track or Lock: 0.0
2015-03-14 15:21:50.790 Vco Control: 2202

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2015-03-14 15:21:50.790 timing mode: external seascan
2015-03-14 15:21:50.790 tempco normal
2015-03-14 15:21:50.790 PLL update: 10s PLL lock criterion: 5us
2015-03-14 15:21:50.790 Pfrac: 150.00
2015-03-14 15:21:50.790 VCO slope: -0.0175000
2015-03-14 15:21:50.790 VCO intercept: 7.1100001
2015-03-14 15:21:50.790 km delta: 600.0000000
2015-03-14 15:21:50.790 Logical Port 4 Status
2015-03-14 15:21:50.790 Data Packets Sent: 34950098
2015-03-14 15:21:50.790 Flood Packets Sent: 0
2015-03-14 15:21:50.790 Packets Re-Sent: 54612
2015-03-14 15:21:50.790 Sequence Errors: 0
2015-03-14 15:21:50.790 Packet Buffer Used: 23276900
2015-03-14 15:21:50.790 Physical Port: Ethernet
2015-03-14 15:21:50.790 Baler Model: 14 Software Version: 2.28
2015-03-14 15:21:50.790 MAC Address: 00:04:FB:00:02:EA
2015-03-14 15:21:50.790 Disk Size: 20000669696
2015-03-14 15:21:50.790 Percent of 1177 data files in use: 65.4
2015-03-14 15:21:50.790 Channels Enabled: 1234 Preamps ON channels:
2015-03-14 15:21:50.790 Channel Sensitivities (uV per count):
2015-03-14 15:21:50.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-14 15:21:50.790 Digitizer Calibration Results:
2015-03-14 15:21:50.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-14 15:21:50.790 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-14 15:21:50.790 DMU1 Software Version=10
2015-03-14 15:21:50.790 Supply Voltage=12.6
2015-03-14 15:21:50.790 Supply Current=0.41
2015-03-14 15:21:50.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-14 15:21:50.790 webLink Data Maps Restored
2015-03-14 15:21:50.790 [2015-03-14 03:20:54.999998] sequence resumes: 29553364 to
29553364
2015-03-14 15:21:50.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-14 15:21:49
2015-03-14 15:27:45.720 Reducing Status Polling Interval
2015-03-14 15:27:45.720 [2015-03-14 15:27:45.000000] total packets received: 57629
2015-03-14 15:27:45.720 [2015-03-14 15:27:45.000000] command timeouts: 6
2015-03-14 15:27:45.720 [2015-03-14 15:27:45.000000] out of window: 65
2015-03-14 15:27:45.720 written: HHZ-1262 HH1-1404 HH2-1516 BDH-447 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-14 15:27:45.720 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-27
VMZ-2 VM1-2
2015-03-14 15:27:45.720 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-14 15:27:45.720 [2015-03-14 15:27:45.000000] Done: 4772 recs. seq end:
29596974. run: 351 s
2015-03-15 03:28:41.850
2015-03-15 03:28:41.850 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-15 03:28:41.850 Control Port 2491 Opened
2015-03-15 03:28:41.850 Baler ready on Ethernet
2015-03-15 03:28:41.850 Power Cycled Baler Acknowledged
2015-03-15 03:28:41.850 Commands Accepted by Q330
2015-03-15 03:28:41.850 Access timeout: 300 sec
2015-03-15 03:28:41.850 Control Port 4023 Opened
2015-03-15 03:28:41.850 Data Port 4024 Opened
2015-03-15 03:28:41.850 Registered with Q330
2015-03-15 03:28:41.850 Combination Record Received
2015-03-15 03:28:41.850 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-15 03:28:41.850 Link Reset, starting window sequence: 7847
2015-03-15 03:28:41.850 GPS Receiver ID Received
2015-03-15 03:28:41.850 Manufacturer's Data Received, Property Tag=2017
2015-03-15 03:28:41.850 Digitizer Gain & Offsets Received
2015-03-15 03:28:41.850 Msg From 192.168.200.119:Baler XX-2017 readback. 4772 recs.
seq end: 29596974
2015-03-15 03:28:41.850 Baler clock set to 2015-03-15 03:28:40

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2015-03-15 03:28:41.850 Starting to Read DP Tokens
2015-03-15 03:28:41.850 DP Tokens loaded, size=1474 bytes
2015-03-15 03:28:41.850 Webserver advertising 192.168.200.119:5380
2015-03-15 03:28:41.850 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-15 03:28:41.850 filters & delay HH1:2@100,Linear all=0.320000
2015-03-15 03:28:41.850 filters & delay HH2:3@100,Linear all=0.320000
2015-03-15 03:28:41.850 filters & delay BDH:4@20,Linear all=1.650000
2015-03-15 03:28:41.850 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-15 03:28:41.850 filters & delay LH1:2@1,Linear all=15.000000
2015-03-15 03:28:41.850 filters & delay LH2:3@1,Linear all=15.000000
2015-03-15 03:28:41.850 filters & delay LDH:4@1,Linear all=15.000000
2015-03-15 03:28:41.850 [2015-03-14 15:27:45.000000] continuity found: 29596974
479662065.000000 Q=100
2015-03-15 03:28:41.850 [2015-03-14 15:27:45.000000] restoring continuity
2015-03-15 03:28:41.850 Sending DT_OPEN
2015-03-15 03:28:41.850 Station: XX-2017
2015-03-15 03:28:41.850 Q330 Serial Number: 0100000DB18FC351
2015-03-15 03:28:41.850 AMB Serial Number: 0100000B6909DD82
2015-03-15 03:28:41.850 Seismo 1 Serial Number: 0000000000000000
2015-03-15 03:28:41.850 Seismo 2 Serial Number: 0000000000000000
2015-03-15 03:28:41.850 QAPCHP 1 Serial Number: 4643206
2015-03-15 03:28:41.850 QAPCHP 2 Serial Number: 3743050
2015-03-15 03:28:41.850 KMI Property Tag Number: 2017
2015-03-15 03:28:41.850 System Software Version: 1.146
2015-03-15 03:28:41.850 Slave Processor Version: 1.11
2015-03-15 03:28:41.850 Calibrator Type: QCAL330
2015-03-15 03:28:41.850 Calibrator Version: 1.8
2015-03-15 03:28:41.850 Auxiliary Board Type: None
2015-03-15 03:28:41.850 Clock Type: Motorola M12
2015-03-15 03:28:41.850 PLD Version: 7.9
2015-03-15 03:28:41.850 Total Hours: 73376.09
2015-03-15 03:28:41.850 Power On Hours: 38006.48
2015-03-15 03:28:41.850 Time of Last Boot: 2014-04-06 02:03:58
2015-03-15 03:28:41.850 Total Number of Boots: 120
2015-03-15 03:28:41.850 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-15 03:28:41.850 Total Number of Re-Syncs: 213
2015-03-15 03:28:41.850 Status Inputs: 00000000
2015-03-15 03:28:41.850 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-15 03:28:41.850 Clock Quality: 100%
2015-03-15 03:28:41.850 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-15 03:28:41.850 Clock Phase: 0 usec. max allowed=50000
2015-03-15 03:28:41.850 Boom positions:
2015-03-15 03:28:41.850 Ch1: -3 Ch2: 2 Ch3: 7 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-15 03:28:41.850 Analog Status
2015-03-15 03:28:41.850 Analog Positive Supply: 5.46V
2015-03-15 03:28:41.850 Input Voltage: 13.20V
2015-03-15 03:28:41.850 System Temperature: 5C
2015-03-15 03:28:41.850 Main Current: 62ma
2015-03-15 03:28:41.850 Antenna Current: 0ma
2015-03-15 03:28:41.850 GPS Status
2015-03-15 03:28:41.850 Time: 03:28:40
2015-03-15 03:28:41.850 Date:
2015-03-15 03:28:41.850 Fix Type: 1-D
2015-03-15 03:28:41.850 Height:
2015-03-15 03:28:41.850 Latitude:
2015-03-15 03:28:41.850 Longitude:
2015-03-15 03:28:41.850 On Time: 0min
2015-03-15 03:28:41.850 Sat. Used: 0
2015-03-15 03:28:41.850 In View: 0
2015-03-15 03:28:41.850 Checksum Errors: 0
2015-03-15 03:28:41.850 Last GPS timemark: 2015-03-15 03:28:39
2015-03-15 03:28:41.850 PLL Status
2015-03-15 03:28:41.850 State: Lock

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2015-03-15 03:28:41.850 Initial VCO: 2202.557373
2015-03-15 03:28:41.850 Time Error: 0.000000
2015-03-15 03:28:41.850 RMS VCO: 0.000000
2015-03-15 03:28:41.850 Best VCO: 2202.70
2015-03-15 03:28:41.850 Seconds Since Track or Lock: 0.0
2015-03-15 03:28:41.850 Vco Control: 2202
2015-03-15 03:28:41.850 timing mode: external seascan
2015-03-15 03:28:41.850 tempco normal
2015-03-15 03:28:41.850 PLL update: 10s  PLL lock criterion: 5us
2015-03-15 03:28:41.850 Pfrac: 150.00
2015-03-15 03:28:41.850 VCO slope: -0.0175000
2015-03-15 03:28:41.850 VCO intercept: 7.1100001
2015-03-15 03:28:41.850 km delta: 600.0000000
2015-03-15 03:28:41.850 Logical Port 4 Status
2015-03-15 03:28:41.850 Data Packets Sent: 35007630
2015-03-15 03:28:41.850 Flood Packets Sent: 0
2015-03-15 03:28:41.850 Packets Re-Sent: 54695
2015-03-15 03:28:41.850 Sequence Errors: 0
2015-03-15 03:28:41.850 Packet Buffer Used: 22567404
2015-03-15 03:28:41.850 Physical Port: Ethernet
2015-03-15 03:28:41.850 Baler Model: 14  Software Version: 2.28
2015-03-15 03:28:41.850 MAC Address: 00:04:FB:00:02:EA
2015-03-15 03:28:41.850 Disk Size: 20000669696
2015-03-15 03:28:41.850 Percent of 1177 data files in use: 65.5
2015-03-15 03:28:41.850 Channels Enabled: 1234  Preamps ON channels:
2015-03-15 03:28:41.850 Channel Sensitivities (uV per count):
2015-03-15 03:28:41.850 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-15 03:28:41.850 Digitizer Calibration Results:
2015-03-15 03:28:41.850 1:-150145,-2.004%  2:-149595,-2.397%  3:-150195,-0.825%
2015-03-15 03:28:41.850 4:-149174,-1.901%  5:0,-100.000%  6:0,-100.000%
2015-03-15 03:28:41.850 DMU1 Software Version=10
2015-03-15 03:28:41.850 Supply Voltage=12.7
2015-03-15 03:28:41.850 Supply Current=0.41
2015-03-15 03:28:41.850 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-15 03:28:41.850 webLink Data Maps Restored
2015-03-15 03:28:41.850 [2015-03-14 15:27:45.000000] sequence resumes: 29596974 to
29596974
2015-03-15 03:28:41.850 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-15 03:28:40
2015-03-15 03:32:38.420 [2015-03-15 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-15 03:34:18.710 Reducing Status Polling Interval
2015-03-15 03:34:18.710 [2015-03-15 03:34:18.000000] total packets received: 49892
2015-03-15 03:34:18.710 [2015-03-15 03:34:18.000000] command timeouts: 6
2015-03-15 03:34:18.710 [2015-03-15 03:34:18.000000] out of window: 55
2015-03-15 03:34:18.710 written: HHZ-1191 HH1-1387 HH2-1434 BDH-450 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-03-15 03:34:18.710 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-30
VMZ-1 VM1-1
2015-03-15 03:34:18.710 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-15 03:34:18.710 [2015-03-15 03:34:18.000000] Done: 4607 recs. seq end:
29640567. run: 333 s
2015-03-15 15:35:13.800
2015-03-15 15:35:13.800 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-15 15:35:13.800 Control Port 2491 Opened
2015-03-15 15:35:13.800 Baler ready on Ethernet
2015-03-15 15:35:13.800 Power Cycled Baler Acknowledged
2015-03-15 15:35:13.800 Commands Accepted by Q330
2015-03-15 15:35:13.800 Access timeout: 300 sec
2015-03-15 15:35:13.800 Control Port 4023 Opened
2015-03-15 15:35:13.800 Data Port 4024 Opened
2015-03-15 15:35:13.800 Registered with Q330
2015-03-15 15:35:13.800 Combination Record Received

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2015-03-15 15:35:13.800 window=4   Min. Timeout=10   Max. Timeout=30
2015-03-15 15:35:13.800 Link Reset, starting window sequence: 57648
2015-03-15 15:35:13.800 GPS Receiver ID Received
2015-03-15 15:35:13.800 Manufacturer's Data Received, Property Tag=2017
2015-03-15 15:35:13.800 Digitizer Gain & Offsets Received
2015-03-15 15:35:13.800 Msg From 192.168.200.119:Baler XX-2017 readback. 4607 recs.
seq end: 29640567
2015-03-15 15:35:13.800 Baler clock set to 2015-03-15 15:35:12
2015-03-15 15:35:13.800 Starting to Read DP Tokens
2015-03-15 15:35:13.800 DP Tokens loaded, size=1474 bytes
2015-03-15 15:35:13.800 webserver advertising 192.168.200.119:5380
2015-03-15 15:35:13.800 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-15 15:35:13.800 filters & delay HH1:2@100,Linear all=0.320000
2015-03-15 15:35:13.800 filters & delay HH2:3@100,Linear all=0.320000
2015-03-15 15:35:13.800 filters & delay BDH:4@20,Linear all=1.650000
2015-03-15 15:35:13.800 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-15 15:35:13.800 filters & delay LH1:2@1,Linear all=15.000000
2015-03-15 15:35:13.800 filters & delay LH2:3@1,Linear all=15.000000
2015-03-15 15:35:13.800 filters & delay LDH:4@1,Linear all=15.000000
2015-03-15 15:35:13.800 [2015-03-15 03:34:18.000000] continuity found: 29640567
479705658.000000  Q=100
2015-03-15 15:35:13.800 Sending DT_OPEN
2015-03-15 15:35:13.800 Station: XX-2017
2015-03-15 15:35:13.800 Q330 Serial Number: 0100000DB18FC351
2015-03-15 15:35:13.800 AMB Serial Number: 0100000B6909DD82
2015-03-15 15:35:13.800 Seismo 1 Serial Number: 0000000000000000
2015-03-15 15:35:13.800 Seismo 2 Serial Number: 0000000000000000
2015-03-15 15:35:13.800 QAPCHP 1 Serial Number: 4643206
2015-03-15 15:35:13.800 QAPCHP 2 Serial Number: 3743050
2015-03-15 15:35:13.800 KMI Property Tag Number: 2017
2015-03-15 15:35:13.800 System Software Version: 1.146
2015-03-15 15:35:13.800 Slave Processor Version: 1.11
2015-03-15 15:35:13.800 Calibrator Type: QCAL330
2015-03-15 15:35:13.800 Calibrator Version: 1.8
2015-03-15 15:35:13.800 Auxiliary Board Type: None
2015-03-15 15:35:13.800 Clock Type: Motorola M12
2015-03-15 15:35:13.800 PLD Version: 7.9
2015-03-15 15:35:13.800 Total Hours: 73388.20
2015-03-15 15:35:13.800 Power On Hours: 38018.58
2015-03-15 15:35:13.800 Time of Last Boot: 2014-04-06 02:03:58
2015-03-15 15:35:13.800 Total Number of Boots: 120
2015-03-15 15:35:13.800 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-15 15:35:13.800 Total Number of Re-Syncs: 213
2015-03-15 15:35:13.800 Status Inputs: 00000000
2015-03-15 15:35:13.800 AC OK: Off,   Input 1,2: Off,Off,   Analog Fault: off
2015-03-15 15:35:13.800 Clock Quality: 100%
2015-03-15 15:35:13.800 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-15 15:35:13.800 Clock Phase: 0 usec. max allowed=50000
2015-03-15 15:35:13.800 Boom positions:
2015-03-15 15:35:13.800 Ch1: -3 Ch2: 1 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-15 15:35:13.800 Analog Status
2015-03-15 15:35:13.800 Analog Positive Supply: 5.46V
2015-03-15 15:35:13.800 Input Voltage: 13.20V
2015-03-15 15:35:13.800 System Temperature: 5C
2015-03-15 15:35:13.800 Main Current: 62ma
2015-03-15 15:35:13.800 Antenna Current: 0ma
2015-03-15 15:35:13.800 GPS Status
2015-03-15 15:35:13.800 Time: 15:35:12
2015-03-15 15:35:13.800 Date:
2015-03-15 15:35:13.800 Fix Type: 1-D
2015-03-15 15:35:13.800 Height:
2015-03-15 15:35:13.800 Latitude:
2015-03-15 15:35:13.800 Longitude:

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2015-03-15 15:35:13.800 On Time: 0min
2015-03-15 15:35:13.800 Sat. Used: 0
2015-03-15 15:35:13.800 In View: 0
2015-03-15 15:35:13.800 Checksum Errors: 0
2015-03-15 15:35:13.800 Last GPS timemark: 2015-03-15 15:35:11
2015-03-15 15:35:13.800 PLL Status
2015-03-15 15:35:13.800 State: Lock
2015-03-15 15:35:13.800 Initial VCO: 2202.019775
2015-03-15 15:35:13.800 Time Error: 0.000000
2015-03-15 15:35:13.800 RMS VCO: 0.0000000
2015-03-15 15:35:13.800 Best VCO: 2202.03
2015-03-15 15:35:13.800 Seconds Since Track or Lock: 0.0
2015-03-15 15:35:13.800 Vco Control: 2202
2015-03-15 15:35:13.800 timing mode: external seascan
2015-03-15 15:35:13.800 tempco normal
2015-03-15 15:35:13.800 PLL update: 10s PLL lock criterion: 5us
2015-03-15 15:35:13.800 Pfrac: 150.00
2015-03-15 15:35:13.800 VCO slope: -0.0175000
2015-03-15 15:35:13.800 VCO intercept: 7.1100001
2015-03-15 15:35:13.800 Km delta: 600.0000000
2015-03-15 15:35:13.800 Logical Port 4 Status
2015-03-15 15:35:13.800 Data Packets Sent: 35057436
2015-03-15 15:35:13.800 Flood Packets Sent: 0
2015-03-15 15:35:13.800 Packets Re-Sent: 54768
2015-03-15 15:35:13.800 Sequence Errors: 0
2015-03-15 15:35:13.800 Packet Buffer Used: 22845380
2015-03-15 15:35:13.800 Physical Port: Ethernet
2015-03-15 15:35:13.800 Baler Model: 14 Software Version: 2.28
2015-03-15 15:35:13.800 MAC Address: 00:04:FB:00:02:EA
2015-03-15 15:35:13.800 Disk Size: 20000669696
2015-03-15 15:35:13.800 Percent of 1177 data files in use: 65.6
2015-03-15 15:35:13.800 Channels Enabled: 1234 Preamps ON channels:
2015-03-15 15:35:13.800 Channel Sensitivities (uV per count):
2015-03-15 15:35:13.800 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-15 15:35:13.800 Digitizer Calibration Results:
2015-03-15 15:35:13.800 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-15 15:35:13.800 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-15 15:35:13.800 DMU1 Software Version=10
2015-03-15 15:35:13.800 Supply Voltage=12.7
2015-03-15 15:35:13.800 Supply Current=0.41
2015-03-15 15:35:13.800 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-15 15:35:13.800 WebLink Data Maps Restored
2015-03-15 15:35:13.800 [2015-03-15 03:34:18.000000] sequence resumes: 29640567 to
29640567
2015-03-15 15:35:13.800 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-15 15:35:12
2015-03-15 15:41:02.740 Reducing Status Polling Interval
2015-03-15 15:41:02.740 [2015-03-15 15:41:01.999998] total packets received: 54983
2015-03-15 15:41:02.740 [2015-03-15 15:41:01.999998] command timeouts: 6
2015-03-15 15:41:02.740 [2015-03-15 15:41:01.999998] out of window: 60
2015-03-15 15:41:02.740 written: HHZ-1224 HH1-1410 HH2-1439 BDH-456 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-03-15 15:41:02.740 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-26 LH2-26 LDH-36
VMZ-2 VM1-2
2015-03-15 15:41:02.740 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-15 15:41:02.740 [2015-03-15 15:41:01.999998] Done: 4683 recs. seq end:
29684171. run: 345 s
2015-03-16 03:41:56.790
2015-03-16 03:41:56.790 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-16 03:41:56.790 Control Port 2491 Opened
2015-03-16 03:41:56.790 Baler ready on Ethernet
2015-03-16 03:41:56.790 Power Cycled Baler Acknowledged
2015-03-16 03:41:56.790 Commands Accepted by Q330

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2015-03-16 03:41:56.790 Access timeout: 300 sec  
 2015-03-16 03:41:56.790 Control Port 4023 Opened  
 2015-03-16 03:41:56.790 Data Port 4024 Opened  
 2015-03-16 03:41:56.790 Registered with Q330  
 2015-03-16 03:41:56.790 Combination Record Received  
 2015-03-16 03:41:56.790 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-16 03:41:56.790 Link Reset, starting window sequence: 46998  
 2015-03-16 03:41:56.790 GPS Receiver ID Received  
 2015-03-16 03:41:56.790 Manufacturer's Data Received, Property Tag=2017  
 2015-03-16 03:41:56.790 Digitizer Gain & Offsets Received  
 2015-03-16 03:41:56.790 Msg From 192.168.200.119:Baler XX-2017 readback. 4683 recs.  
 seq end: 29684171  
 2015-03-16 03:41:56.790 Baler clock set to 2015-03-16 03:41:55  
 2015-03-16 03:41:56.790 Starting to Read DP Tokens  
 2015-03-16 03:41:56.790 DP Tokens loaded, size=1474 bytes  
 2015-03-16 03:41:56.790 webserver advertising 192.168.200.119:5380  
 2015-03-16 03:41:56.790 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-16 03:41:56.790 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-16 03:41:56.790 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-16 03:41:56.790 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-16 03:41:56.790 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-16 03:41:56.790 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-16 03:41:56.790 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-16 03:41:56.790 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-16 03:41:56.790 [2015-03-15 15:41:01.999998] continuity found: 29684171  
 479749262.000000 Q=100  
 2015-03-16 03:41:56.790 [2015-03-15 15:41:01.999998] restoring continuity  
 2015-03-16 03:41:56.790 Sending DT\_OPEN  
 2015-03-16 03:41:56.790 Station: XX-2017  
 2015-03-16 03:41:56.790 Q330 Serial Number: 0100000DB18FC351  
 2015-03-16 03:41:56.790 AMB Serial Number: 0100000B6909DD82  
 2015-03-16 03:41:56.790 Seismo 1 Serial Number: 0000000000000000  
 2015-03-16 03:41:56.790 Seismo 2 Serial Number: 0000000000000000  
 2015-03-16 03:41:56.790 QAPCHP 1 Serial Number: 4643206  
 2015-03-16 03:41:56.790 QAPCHP 2 Serial Number: 3743050  
 2015-03-16 03:41:56.790 KMI Property Tag Number: 2017  
 2015-03-16 03:41:56.790 System Software Version: 1.146  
 2015-03-16 03:41:56.790 Slave Processor Version: 1.11  
 2015-03-16 03:41:56.790 Calibrator Type: QCAL330  
 2015-03-16 03:41:56.790 Calibrator Version: 1.8  
 2015-03-16 03:41:56.790 Auxiliary Board Type: None  
 2015-03-16 03:41:56.790 Clock Type: Motorola M12  
 2015-03-16 03:41:56.790 PLD Version: 7.9  
 2015-03-16 03:41:56.790 Total Hours: 73400.31  
 2015-03-16 03:41:56.790 Power On Hours: 38030.70  
 2015-03-16 03:41:56.790 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-16 03:41:56.790 Total Number of Boots: 120  
 2015-03-16 03:41:56.790 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-16 03:41:56.790 Total Number of Re-Syncs: 213  
 2015-03-16 03:41:56.790 Status Inputs: 00000000  
 2015-03-16 03:41:56.790 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-16 03:41:56.790 Clock Quality: 100%  
 2015-03-16 03:41:56.790 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-16 03:41:56.790 Clock Phase: 0 usec. max allowed=50000  
 2015-03-16 03:41:56.790 Boom positions:  
 2015-03-16 03:41:56.790 ch1: -3 ch2: 1 ch3: 8 ch4: 20 ch5: 20 ch6: 20  
 2015-03-16 03:41:56.790 Analog Status  
 2015-03-16 03:41:56.790 Analog Positive Supply: 5.46V  
 2015-03-16 03:41:56.790 Input Voltage: 13.20V  
 2015-03-16 03:41:56.790 System Temperature: 5C  
 2015-03-16 03:41:56.790 Main Current: 62ma  
 2015-03-16 03:41:56.790 Antenna Current: Oma  
 2015-03-16 03:41:56.790 GPS Status

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2015-03-16 03:41:56.790 Time: 03:41:55
2015-03-16 03:41:56.790 Date:
2015-03-16 03:41:56.790 Fix Type: 1-D
2015-03-16 03:41:56.790 Height:
2015-03-16 03:41:56.790 Latitude:
2015-03-16 03:41:56.790 Longitude:
2015-03-16 03:41:56.790 On Time: 0min
2015-03-16 03:41:56.790 Sat. Used: 0
2015-03-16 03:41:56.790 In View: 0
2015-03-16 03:41:56.790 Checksum Errors: 0
2015-03-16 03:41:56.790 Last GPS timemark: 2015-03-16 03:41:54
2015-03-16 03:41:56.790 PLL Status
2015-03-16 03:41:56.790 State: Lock
2015-03-16 03:41:56.790 Initial VCO: 2201.985840
2015-03-16 03:41:56.790 Time Error: 0.000000
2015-03-16 03:41:56.790 RMS VCO: 0.0000000
2015-03-16 03:41:56.790 Best VCO: 2201.92
2015-03-16 03:41:56.790 Seconds Since Track or Lock: 0.0
2015-03-16 03:41:56.790 Vco Control: 2202
2015-03-16 03:41:56.790 timing mode: external seascan
2015-03-16 03:41:56.790 tempco normal
2015-03-16 03:41:56.790 PLL update: 10s PLL lock criterion: 5us
2015-03-16 03:41:56.790 Pfrac: 150.00
2015-03-16 03:41:56.790 VCO slope: -0.0175000
2015-03-16 03:41:56.790 VCO intercept: 7.1100001
2015-03-16 03:41:56.790 Km delta: 600.0000000
2015-03-16 03:41:56.790 Logical Port 4 Status
2015-03-16 03:41:56.790 Data Packets Sent: 35112328
2015-03-16 03:41:56.790 Flood Packets Sent: 0
2015-03-16 03:41:56.790 Packets Re-Sent: 54841
2015-03-16 03:41:56.790 Sequence Errors: 0
2015-03-16 03:41:56.790 Packet Buffer Used: 23738664
2015-03-16 03:41:56.790 Physical Port: Ethernet
2015-03-16 03:41:56.790 Baler Model: 14 Software Version: 2.28
2015-03-16 03:41:56.790 MAC Address: 00:04:FB:00:02:EA
2015-03-16 03:41:56.790 Disk Size: 20000669696
2015-03-16 03:41:56.790 Percent of 1177 data files in use: 65.8
2015-03-16 03:41:56.790 Channels Enabled: 1234 Preamps ON channels:
2015-03-16 03:41:56.790 Channel Sensitivities (uV per count):
2015-03-16 03:41:56.790 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-16 03:41:56.790 Digitizer Calibration Results:
2015-03-16 03:41:56.790 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-16 03:41:56.790 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-16 03:41:56.790 DMU1 Software Version=10
2015-03-16 03:41:56.790 Supply Voltage=12.7
2015-03-16 03:41:56.790 Supply Current=0.41
2015-03-16 03:41:56.790 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-16 03:41:56.790 WebLink Data Maps Restored
2015-03-16 03:41:56.790 [2015-03-15 15:41:01.999998] sequence resumes: 29684171 to
29684171
2015-03-16 03:41:56.790 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-16 03:41:55
2015-03-16 03:48:01.390 Reducing Status Polling Interval
2015-03-16 03:48:01.390 [2015-03-16 03:47:59.999998] total packets received: 66924
2015-03-16 03:48:01.390 [2015-03-16 03:47:59.999998] command timeouts: 6
2015-03-16 03:48:01.390 [2015-03-16 03:47:59.999998] out of window: 62
2015-03-16 03:48:01.390 written: HHZ-1283 HH1-1489 HH2-1505 BDH-456 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-16 03:48:01.390 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-28 LH2-30 LDH-40
VMZ-2 VM1-2
2015-03-16 03:48:01.390 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-16 03:48:01.390 [2015-03-16 03:47:59.999998] Done: 4905 recs. seq end:
29727789. run: 362 s

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2015-03-16 15:48:56.860
2015-03-16 15:48:56.860 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-16 15:48:56.860 Control Port 2491 Opened
2015-03-16 15:48:56.860 Baler ready on Ethernet
2015-03-16 15:48:56.860 Power Cycled Baler Acknowledged
2015-03-16 15:48:56.860 Commands Accepted by Q330
2015-03-16 15:48:56.860 Access timeout: 300 sec
2015-03-16 15:48:56.860 Control Port 4023 Opened
2015-03-16 15:48:56.860 Data Port 4024 Opened
2015-03-16 15:48:56.860 Registered with Q330
2015-03-16 15:48:56.860 Combination Record Received
2015-03-16 15:48:56.860 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-16 15:48:56.860 Link Reset, starting window sequence: 48287
2015-03-16 15:48:56.860 GPS Receiver ID Received
2015-03-16 15:48:56.860 Manufacturer's Data Received, Property Tag=2017
2015-03-16 15:48:56.860 Digitizer Gain & Offsets Received
2015-03-16 15:48:56.860 Msg From 192.168.200.119:Baler XX-2017 readback. 4905 recs.
seq end: 29727789
2015-03-16 15:48:56.860 Baler clock set to 2015-03-16 15:48:55
2015-03-16 15:48:56.860 Starting to Read DP Tokens
2015-03-16 15:48:56.860 DP Tokens loaded, size=1474 bytes
2015-03-16 15:48:56.860 webserver advertising 192.168.200.119:5380
2015-03-16 15:48:56.860 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-16 15:48:56.860 filters & delay HH1:2@100,Linear all=0.320000
2015-03-16 15:48:56.860 filters & delay HH2:3@100,Linear all=0.320000
2015-03-16 15:48:56.860 filters & delay BDH:4@20,Linear all=1.650000
2015-03-16 15:48:56.860 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-16 15:48:56.860 filters & delay LH1:2@1,Linear all=15.000000
2015-03-16 15:48:56.860 filters & delay LH2:3@1,Linear all=15.000000
2015-03-16 15:48:56.860 filters & delay LDH:4@1,Linear all=15.000000
2015-03-16 15:48:56.860 [2015-03-16 03:47:59.999998] continuity found: 29727789
479792880.000000 Q=100
2015-03-16 15:48:56.860 [2015-03-16 03:47:59.999998] restoring continuity
2015-03-16 15:48:56.860 Sending DT_OPEN
2015-03-16 15:48:56.860 Station: XX-2017
2015-03-16 15:48:56.860 Q330 Serial Number: 0100000DB18FC351
2015-03-16 15:48:56.860 AMB Serial Number: 0100000B6909DD82
2015-03-16 15:48:56.860 Seismo 1 Serial Number: 0000000000000000
2015-03-16 15:48:56.860 Seismo 2 Serial Number: 0000000000000000
2015-03-16 15:48:56.860 QAPCHP 1 Serial Number: 4643206
2015-03-16 15:48:56.860 QAPCHP 2 Serial Number: 3743050
2015-03-16 15:48:56.860 KMI Property Tag Number: 2017
2015-03-16 15:48:56.860 System Software Version: 1.146
2015-03-16 15:48:56.860 Slave Processor Version: 1.11
2015-03-16 15:48:56.860 Calibrator Type: QCAL330
2015-03-16 15:48:56.860 Calibrator Version: 1.8
2015-03-16 15:48:56.860 Auxiliary Board Type: None
2015-03-16 15:48:56.860 Clock Type: Motorola M12
2015-03-16 15:48:56.860 PLD Version: 7.9
2015-03-16 15:48:56.860 Total Hours: 73412.43
2015-03-16 15:48:56.860 Power On Hours: 38042.81
2015-03-16 15:48:56.860 Time of Last Boot: 2014-04-06 02:03:58
2015-03-16 15:48:56.860 Total Number of Boots: 120
2015-03-16 15:48:56.860 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-16 15:48:56.860 Total Number of Re-Syncs: 213
2015-03-16 15:48:56.860 Status Inputs: 00000000
2015-03-16 15:48:56.860 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-16 15:48:56.860 Clock Quality: 100%
2015-03-16 15:48:56.860 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-16 15:48:56.860 Clock Phase: 0 usec. max allowed=50000
2015-03-16 15:48:56.860 Boom positions:
2015-03-16 15:48:56.860 Ch1: -3 Ch2: 1 Ch3: 8 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-16 15:48:56.860 Analog Status

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2015-03-16 15:48:56.860 Analog Positive Supply: 5.46V  
 2015-03-16 15:48:56.860 Input Voltage: 13.05V  
 2015-03-16 15:48:56.860 System Temperature: 5C  
 2015-03-16 15:48:56.860 Main Current: 62ma  
 2015-03-16 15:48:56.860 Antenna Current: 0ma  
 2015-03-16 15:48:56.860 GPS Status  
 2015-03-16 15:48:56.860 Time: 15:48:54  
 2015-03-16 15:48:56.860 Date:  
 2015-03-16 15:48:56.860 Fix Type: 1-D  
 2015-03-16 15:48:56.860 Height:  
 2015-03-16 15:48:56.860 Latitude:  
 2015-03-16 15:48:56.860 Longitude:  
 2015-03-16 15:48:56.860 On Time: 0min  
 2015-03-16 15:48:56.860 Sat. Used: 0  
 2015-03-16 15:48:56.860 In View: 0  
 2015-03-16 15:48:56.860 Checksum Errors: 0  
 2015-03-16 15:48:56.860 Last GPS timemark: 2015-03-16 15:48:53  
 2015-03-16 15:48:56.860 PLL Status  
 2015-03-16 15:48:56.860 State: Lock  
 2015-03-16 15:48:56.860 Initial VCO: 2201.850586  
 2015-03-16 15:48:56.860 Time Error: 0.000002  
 2015-03-16 15:48:56.860 RMS VCO: 0.0000000  
 2015-03-16 15:48:56.860 Best VCO: 2201.62  
 2015-03-16 15:48:56.860 Seconds Since Track or Lock: 0.0  
 2015-03-16 15:48:56.860 Vco Control: 2202  
 2015-03-16 15:48:56.860 timing mode: external seascan  
 2015-03-16 15:48:56.860 tempco normal  
 2015-03-16 15:48:56.860 PLL update: 10s PLL lock criterion: 5us  
 2015-03-16 15:48:56.860 Pfrac: 150.00  
 2015-03-16 15:48:56.860 VCO slope: -0.0175000  
 2015-03-16 15:48:56.860 VCO intercept: 7.1100001  
 2015-03-16 15:48:56.860 Km delta: 600.0000000  
 2015-03-16 15:48:56.860 Logical Port 4 Status  
 2015-03-16 15:48:56.860 Data Packets Sent: 35179158  
 2015-03-16 15:48:56.860 Flood Packets Sent: 0  
 2015-03-16 15:48:56.860 Packets Re-Sent: 54919  
 2015-03-16 15:48:56.860 Sequence Errors: 0  
 2015-03-16 15:48:56.860 Packet Buffer Used: 22705024  
 2015-03-16 15:48:56.860 Physical Port: Ethernet  
 2015-03-16 15:48:56.860 Baler Model: 14 Software Version: 2.28  
 2015-03-16 15:48:56.860 MAC Address: 00:04:FB:00:02:EA  
 2015-03-16 15:48:56.860 Disk Size: 20000669696  
 2015-03-16 15:48:56.860 Percent of 1177 data files in use: 65.9  
 2015-03-16 15:48:56.860 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-16 15:48:56.860 Channel Sensitivities (uV per count):  
 2015-03-16 15:48:56.860 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-16 15:48:56.860 Digitizer Calibration Results:  
 2015-03-16 15:48:56.860 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-16 15:48:56.860 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-16 15:48:56.860 DMU1 Software Version=10  
 2015-03-16 15:48:56.860 Supply Voltage=12.6  
 2015-03-16 15:48:56.860 Supply Current=0.41  
 2015-03-16 15:48:56.860 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-16 15:48:56.860 webLink Data Maps Restored  
 2015-03-16 15:48:56.860 [2015-03-16 03:47:59.999998] sequence resumes: 29727789 to 29727789  
 2015-03-16 15:48:56.860 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-16 15:48:55  
 2015-03-16 15:50:14.580 Reducing Status Polling Interval  
 2015-03-16 15:54:43.380 [2015-03-16 15:51:23.000000] total packets received: 52246  
 2015-03-16 15:54:43.380 [2015-03-16 15:51:23.000000] command timeouts: 6  
 2015-03-16 15:54:43.380 [2015-03-16 15:51:23.000000] out of window: 65  
 2015-03-16 15:54:43.380 written: HHZ-1197 HH1-1415 HH2-1414 BDH-452 VEP-1 VEC-2

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VEA-1 VKI-1 VCO-1  
 2015-03-16 15:54:43.380 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-27 LH2-28 LDH-37  
 VMZ-1 VM1-1  
 2015-03-16 15:54:43.380 written: VM2-1 LOG-3 ACE-1 OCF-1  
 2015-03-16 15:54:43.380 [2015-03-16 15:51:23.000000] Done: 4633 recs. seq end:  
 29771192. run: 341 s  
 2015-03-17 03:55:35.840  
 2015-03-17 03:55:35.840 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-17 03:55:35.840 Control Port 2491 Opened  
 2015-03-17 03:55:35.840 Baler ready on Ethernet  
 2015-03-17 03:55:35.840 Power Cycled Baler Acknowledged  
 2015-03-17 03:55:35.840 Commands Accepted by Q330  
 2015-03-17 03:55:35.840 Access timeout: 300 sec  
 2015-03-17 03:55:35.840 Control Port 4023 Opened  
 2015-03-17 03:55:35.840 Data Port 4024 Opened  
 2015-03-17 03:55:35.840 Registered with Q330  
 2015-03-17 03:55:35.840 Combination Record Received  
 2015-03-17 03:55:35.840 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-17 03:55:35.840 Link Reset, starting window sequence: 34858  
 2015-03-17 03:55:35.840 GPS Receiver ID Received  
 2015-03-17 03:55:35.840 Manufacturer's Data Received, Property Tag=2017  
 2015-03-17 03:55:35.840 Digitizer Gain & Offsets Received  
 2015-03-17 03:55:35.840 Msg From 192.168.200.119:Baler XX-2017 readback. 4633 recs.  
 seq end: 29771192  
 2015-03-17 03:55:35.840 Baler clock set to 2015-03-17 03:55:34  
 2015-03-17 03:55:35.840 Starting to Read DP Tokens  
 2015-03-17 03:55:35.840 DP Tokens loaded, size=1474 bytes  
 2015-03-17 03:55:35.840 webserver advertising 192.168.200.119:5380  
 2015-03-17 03:55:35.840 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-17 03:55:35.840 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-17 03:55:35.840 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-17 03:55:35.840 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-17 03:55:35.840 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-17 03:55:35.840 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-17 03:55:35.840 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-17 03:55:35.840 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-17 03:55:35.840 [2015-03-16 15:51:23.000000] continuity found: 29771192  
 479836283.000000 q=100  
 2015-03-17 03:55:35.840 [2015-03-16 15:51:23.000000] restoring continuity  
 2015-03-17 03:55:35.840 Sending DT\_OPEN  
 2015-03-17 03:55:35.840 Station: XX-2017  
 2015-03-17 03:55:35.840 Q330 Serial Number: 0100000DB18FC351  
 2015-03-17 03:55:35.840 AMB Serial Number: 0100000B6909DD82  
 2015-03-17 03:55:35.840 Seismo 1 Serial Number: 0000000000000000  
 2015-03-17 03:55:35.840 Seismo 2 Serial Number: 0000000000000000  
 2015-03-17 03:55:35.840 QAPCHP 1 Serial Number: 4643206  
 2015-03-17 03:55:35.840 QAPCHP 2 Serial Number: 3743050  
 2015-03-17 03:55:35.840 KMI Property Tag Number: 2017  
 2015-03-17 03:55:35.840 System Software Version: 1.146  
 2015-03-17 03:55:35.840 Slave Processor Version: 1.11  
 2015-03-17 03:55:35.840 Calibrator Type: QCAL330  
 2015-03-17 03:55:35.840 Calibrator Version: 1.8  
 2015-03-17 03:55:35.840 Auxiliary Board Type: None  
 2015-03-17 03:55:35.840 Clock Type: Motorola M12  
 2015-03-17 03:55:35.840 PLD Version: 7.9  
 2015-03-17 03:55:35.840 Total Hours: 73424.54  
 2015-03-17 03:55:35.840 Power On Hours: 38054.92  
 2015-03-17 03:55:35.840 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-17 03:55:35.840 Total Number of Boots: 120  
 2015-03-17 03:55:35.840 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-17 03:55:35.840 Total Number of Re-Syncs: 213  
 2015-03-17 03:55:35.840 Status Inputs: 00000000  
 2015-03-17 03:55:35.840 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off

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2015-03-17 03:55:35.840 Clock Quality: 100%  
 2015-03-17 03:55:35.840 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-17 03:55:35.840 Clock Phase: 0 usec. max allowed=50000  
 2015-03-17 03:55:35.840 Boom positions:  
 2015-03-17 03:55:35.840 ch1: -3 ch2: 1 ch3: 7 ch4: 20 ch5: 20 ch6: 20  
 2015-03-17 03:55:35.840 Analog Status  
 2015-03-17 03:55:35.840 Analog Positive Supply: 5.46V  
 2015-03-17 03:55:35.840 Input Voltage: 13.20V  
 2015-03-17 03:55:35.840 System Temperature: 5C  
 2015-03-17 03:55:35.840 Main Current: 63ma  
 2015-03-17 03:55:35.840 Antenna Current: 0ma  
 2015-03-17 03:55:35.840 Time: 03:55:34  
 2015-03-17 03:55:35.840 Date:  
 2015-03-17 03:55:35.840 Fix Type: 1-D  
 2015-03-17 03:55:35.840 Height:  
 2015-03-17 03:55:35.840 Latitude:  
 2015-03-17 03:55:35.840 Longitude:  
 2015-03-17 03:55:35.840 On Time: 0min  
 2015-03-17 03:55:35.840 Sat. Used: 0  
 2015-03-17 03:55:35.840 In View: 0  
 2015-03-17 03:55:35.840 Checksum Errors: 0  
 2015-03-17 03:55:35.840 Last GPS timemark: 2015-03-17 03:55:33  
 2015-03-17 03:55:35.840 PLL Status  
 2015-03-17 03:55:35.840 State: Lock  
 2015-03-17 03:55:35.840 Initial VCO: 2201.695068  
 2015-03-17 03:55:35.840 Time Error: 0.000000  
 2015-03-17 03:55:35.840 RMS VCO: 0.0000000  
 2015-03-17 03:55:35.840 Best VCO: 2201.97  
 2015-03-17 03:55:35.840 Seconds Since Track or Lock: 0.0  
 2015-03-17 03:55:35.840 Vco Control: 2202  
 2015-03-17 03:55:35.840 timing mode: external seascan  
 2015-03-17 03:55:35.840 tempco normal  
 2015-03-17 03:55:35.840 PLL update: 10s PLL lock criterion: 5us  
 2015-03-17 03:55:35.840 Pfrac: 150.00  
 2015-03-17 03:55:35.840 VCO slope: -0.0175000  
 2015-03-17 03:55:35.840 VCO intercept: 7.1100001  
 2015-03-17 03:55:35.840 Km delta: 600.0000000  
 2015-03-17 03:55:35.840 Logical Port 4 Status  
 2015-03-17 03:55:35.840 Data Packets Sent: 35231270  
 2015-03-17 03:55:35.840 Flood Packets Sent: 0  
 2015-03-17 03:55:35.840 Packets Re-Sent: 54993  
 2015-03-17 03:55:35.840 Sequence Errors: 0  
 2015-03-17 03:55:35.840 Packet Buffer Used: 23244116  
 2015-03-17 03:55:35.840 Physical Port: Ethernet  
 2015-03-17 03:55:35.840 Baler Model: 14 Software Version: 2.28  
 2015-03-17 03:55:35.840 MAC Address: 00:04:FB:00:02:EA  
 2015-03-17 03:55:35.840 Disk Size: 20000669696  
 2015-03-17 03:55:35.840 Percent of 1177 data files in use: 66.0  
 2015-03-17 03:55:35.840 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-17 03:55:35.840 Channel Sensitivities (uV per count):  
 2015-03-17 03:55:35.840 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-17 03:55:35.840 Digitizer Calibration Results:  
 2015-03-17 03:55:35.840 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-17 03:55:35.840 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-17 03:55:35.840 DMU1 Software Version=10  
 2015-03-17 03:55:35.840 Supply Voltage=12.6  
 2015-03-17 03:55:35.840 Supply Current=0.41  
 2015-03-17 03:55:35.840 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-17 03:55:35.840 WebLink Data Maps Restored  
 2015-03-17 03:55:35.840 [2015-03-16 15:51:23.000000] sequence resumes: 29771192 to 29771192  
 2015-03-17 03:55:35.840 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-03-17 03:55:34

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2015-03-17 03:59:37.620 [2015-03-17 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-17 04:01:24.400 Reducing Status Polling Interval
2015-03-17 04:01:24.400 [2015-03-17 04:01:24.000000] total packets received: 55680
2015-03-17 04:01:24.400 [2015-03-17 04:01:24.000000] command timeouts: 6
2015-03-17 04:01:24.400 [2015-03-17 04:01:24.000000] out of window: 48
2015-03-17 04:01:24.400 written: HHZ-1248 HH1-1474 HH2-1443 BDH-453 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-17 04:01:24.400 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-24 LDH-31
VMZ-2 VM1-2
2015-03-17 04:01:24.400 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-17 04:01:24.400 [2015-03-17 04:01:24.000000] Done: 4768 recs. seq end:
29814993. run: 345 s
2015-03-17 16:02:19.820
2015-03-17 16:02:19.820 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-17 16:02:19.820 Control Port 2491 Opened
2015-03-17 16:02:19.820 Baler ready on Ethernet
2015-03-17 16:02:19.820 Power Cycled Baler Acknowledged
2015-03-17 16:02:19.820 Commands Accepted by Q330
2015-03-17 16:02:19.820 Access timeout: 300 sec
2015-03-17 16:02:19.820 Control Port 4023 Opened
2015-03-17 16:02:19.820 Data Port 4024 Opened
2015-03-17 16:02:19.820 Registered with Q330
2015-03-17 16:02:19.820 Combination Record Received
2015-03-17 16:02:19.820 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-17 16:02:19.820 Link Reset, starting window sequence: 24918
2015-03-17 16:02:19.820 GPS Receiver ID Received
2015-03-17 16:02:19.820 Manufacturer's Data Received, Property Tag=2017
2015-03-17 16:02:19.820 Digitizer Gain & Offsets Received
2015-03-17 16:02:19.820 Msg From 192.168.200.119:Baler XX-2017 readback. 4768 recs.
seq end: 29814993
2015-03-17 16:02:19.820 Baler clock set to 2015-03-17 16:02:18
2015-03-17 16:02:19.820 Starting to Read DP Tokens
2015-03-17 16:02:19.820 DP Tokens loaded, size=1474 bytes
2015-03-17 16:02:19.820 webserver advertising 192.168.200.119:5380
2015-03-17 16:02:19.820 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-17 16:02:19.820 filters & delay HH1:2@100,Linear all=0.320000
2015-03-17 16:02:19.820 filters & delay HH2:3@100,Linear all=0.320000
2015-03-17 16:02:19.820 filters & delay BDH:4@20,Linear all=1.650000
2015-03-17 16:02:19.820 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-17 16:02:19.820 filters & delay LH1:2@1,Linear all=15.000000
2015-03-17 16:02:19.820 filters & delay LH2:3@1,Linear all=15.000000
2015-03-17 16:02:19.820 filters & delay LDH:4@1,Linear all=15.000000
2015-03-17 16:02:19.820 [2015-03-17 04:01:24.000000] continuity found: 29814993
479880084.000000 Q=100
2015-03-17 16:02:19.820 [2015-03-17 04:01:24.000000] restoring continuity
2015-03-17 16:02:19.820 Sending DT_OPEN
2015-03-17 16:02:19.820 Station: XX-2017
2015-03-17 16:02:19.820 Q330 Serial Number: 0100000DB18FC351
2015-03-17 16:02:19.820 AMB Serial Number: 0100000B6909DD82
2015-03-17 16:02:19.820 Seismo 1 Serial Number: 0000000000000000
2015-03-17 16:02:19.820 Seismo 2 Serial Number: 0000000000000000
2015-03-17 16:02:19.820 QAPCHP 1 Serial Number: 4643206
2015-03-17 16:02:19.820 QAPCHP 2 Serial Number: 3743050
2015-03-17 16:02:19.820 KMI Property Tag Number: 2017
2015-03-17 16:02:19.820 System Software Version: 1.146
2015-03-17 16:02:19.820 Slave Processor Version: 1.11
2015-03-17 16:02:19.820 Calibrator Type: QCAL330
2015-03-17 16:02:19.820 Calibrator Version: 1.8
2015-03-17 16:02:19.820 Auxiliary Board Type: None
2015-03-17 16:02:19.820 Clock Type: Motorola M12
2015-03-17 16:02:19.820 PLD Version: 7.9
2015-03-17 16:02:19.820 Total Hours: 73436.65

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2015-03-17 16:02:19.820 Power On Hours: 38067.04  
 2015-03-17 16:02:19.820 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-17 16:02:19.820 Total Number of Boots: 120  
 2015-03-17 16:02:19.820 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-17 16:02:19.820 Total Number of Re-Syncs: 213  
 2015-03-17 16:02:19.820 Status Inputs: 00000000  
 2015-03-17 16:02:19.820 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-17 16:02:19.820 Clock Quality: 100%  
 2015-03-17 16:02:19.820 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-17 16:02:19.820 Clock Phase: 0 usec. max allowed=50000  
 2015-03-17 16:02:19.820 Boom positions:  
 2015-03-17 16:02:19.820 Ch1: -3 Ch2: 1 Ch3: 9 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-17 16:02:19.820 Analog Status  
 2015-03-17 16:02:19.820 Analog Positive Supply: 5.46v  
 2015-03-17 16:02:19.820 Input Voltage: 13.20V  
 2015-03-17 16:02:19.820 System Temperature: 5C  
 2015-03-17 16:02:19.820 Main Current: 62ma  
 2015-03-17 16:02:19.820 Antenna Current: 0ma  
 2015-03-17 16:02:19.820 GPS Status  
 2015-03-17 16:02:19.820 Time: 16:02:18  
 2015-03-17 16:02:19.820 Date:  
 2015-03-17 16:02:19.820 Fix Type: 1-D  
 2015-03-17 16:02:19.820 Height:  
 2015-03-17 16:02:19.820 Latitude:  
 2015-03-17 16:02:19.820 Longitude:  
 2015-03-17 16:02:19.820 On Time: 0min  
 2015-03-17 16:02:19.820 Sat. Used: 0  
 2015-03-17 16:02:19.820 In View: 0  
 2015-03-17 16:02:19.820 Checksum Errors: 0  
 2015-03-17 16:02:19.820 Last GPS timemark: 2015-03-17 16:02:17  
 2015-03-17 16:02:19.820 PLL Status  
 2015-03-17 16:02:19.820 State: Lock  
 2015-03-17 16:02:19.820 Initial VCO: 2202.459473  
 2015-03-17 16:02:19.820 Time Error: 0.000000  
 2015-03-17 16:02:19.820 RMS VCO: 0.0000000  
 2015-03-17 16:02:19.820 Best VCO: 2202.54  
 2015-03-17 16:02:19.820 Seconds Since Track or Lock: 0.0  
 2015-03-17 16:02:19.820 Vco Control: 2203  
 2015-03-17 16:02:19.820 timing mode: external seascan  
 2015-03-17 16:02:19.820 tempco normal  
 2015-03-17 16:02:19.820 PLL update: 10s PLL lock criterion: 5us  
 2015-03-17 16:02:19.820 Pfrac: 150.00  
 2015-03-17 16:02:19.820 VCO slope: -0.0175000  
 2015-03-17 16:02:19.820 VCO intercept: 7.1100001  
 2015-03-17 16:02:19.820 Km delta: 600.0000000  
 2015-03-17 16:02:19.820 Logical Port 4 Status  
 2015-03-17 16:02:19.820 Data Packets Sent: 35286871  
 2015-03-17 16:02:19.820 Flood Packets Sent: 0  
 2015-03-17 16:02:19.820 Packets Re-Sent: 55059  
 2015-03-17 16:02:19.820 Sequence Errors: 0  
 2015-03-17 16:02:19.820 Packet Buffer Used: 22642776  
 2015-03-17 16:02:19.820 Physical Port: Ethernet  
 2015-03-17 16:02:19.820 Baler Model: 14 Software Version: 2.28  
 2015-03-17 16:02:19.820 MAC Address: 00:04:FB:00:02:EA  
 2015-03-17 16:02:19.820 Disk Size: 20000669696  
 2015-03-17 16:02:19.820 Percent of 1177 data files in use: 66.1  
 2015-03-17 16:02:19.820 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-17 16:02:19.820 Channel Sensitivities (uV per count):  
 2015-03-17 16:02:19.820 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-17 16:02:19.820 Digitizer Calibration Results:  
 2015-03-17 16:02:19.820 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-17 16:02:19.820 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-17 16:02:19.820 DMU1 Software Version=10

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2015-03-17 16:02:19.820 Supply Voltage=12.7  
 2015-03-17 16:02:19.820 Supply Current=0.41  
 2015-03-17 16:02:19.820 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-17 16:02:19.820 WebLink Data Maps Restored  
 2015-03-17 16:02:19.820 [2015-03-17 04:01:24.000000] sequence resumes: 29814993 to 29814993  
 2015-03-17 16:02:19.820 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-17 16:02:18  
 2015-03-17 16:08:00.680 Reducing Status Polling Interval  
 2015-03-17 16:08:00.680 [2015-03-17 16:07:59.999998] total packets received: 51238  
 2015-03-17 16:08:00.680 [2015-03-17 16:07:59.999998] command timeouts: 6  
 2015-03-17 16:08:00.680 [2015-03-17 16:07:59.999998] out of window: 60  
 2015-03-17 16:08:00.680 written: HHZ-1192 HH1-1387 HH2-1453 BDH-447 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-03-17 16:08:00.680 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-31  
 VMZ-2 VM1-2  
 2015-03-17 16:08:00.680 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-03-17 16:08:00.680 [2015-03-17 16:07:59.999998] Done: 4629 recs. seq end:  
 29858589. run: 337 s  
 2015-03-18 04:08:54.840  
 2015-03-18 04:08:54.840 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-18 04:08:54.840 Control Port 2491 Opened  
 2015-03-18 04:08:54.840 Baler ready on Ethernet  
 2015-03-18 04:08:54.840 Power Cycled Baler Acknowledged  
 2015-03-18 04:08:54.840 Commands Accepted by Q330  
 2015-03-18 04:08:54.840 Access timeout: 300 sec  
 2015-03-18 04:08:54.840 Control Port 4023 Opened  
 2015-03-18 04:08:54.840 Data Port 4024 Opened  
 2015-03-18 04:08:54.840 Registered with Q330  
 2015-03-18 04:08:54.840 Combination Record Received  
 2015-03-18 04:08:54.840 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-18 04:08:54.840 Link Reset, starting window sequence: 10524  
 2015-03-18 04:08:54.840 GPS Receiver ID Received  
 2015-03-18 04:08:54.840 Manufacturer's Data Received, Property Tag=2017  
 2015-03-18 04:08:54.840 Digitizer Gain & Offsets Received  
 2015-03-18 04:08:54.840 Msg From 192.168.200.119:Baler XX-2017 readback. 4629 recs.  
 seq end: 29858589  
 2015-03-18 04:08:54.840 Baler clock set to 2015-03-18 04:08:53  
 2015-03-18 04:08:54.840 Starting to Read DP Tokens  
 2015-03-18 04:08:54.840 DP Tokens loaded, size=1474 bytes  
 2015-03-18 04:08:54.840 webserver advertising 192.168.200.119:5380  
 2015-03-18 04:08:54.840 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-18 04:08:54.840 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-18 04:08:54.840 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-18 04:08:54.840 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-18 04:08:54.840 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-18 04:08:54.840 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-18 04:08:54.840 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-18 04:08:54.840 [2015-03-17 16:07:59.999998] continuity found: 29858589  
 479923680.000000 Q=100  
 2015-03-18 04:08:54.840 [2015-03-17 16:07:59.999998] restoring continuity  
 2015-03-18 04:08:54.840 Sending DT\_OPEN  
 2015-03-18 04:08:54.840 Station: XX-2017  
 2015-03-18 04:08:54.840 Q330 Serial Number: 0100000DB18FC351  
 2015-03-18 04:08:54.840 AMB Serial Number: 0100000B6909DD82  
 2015-03-18 04:08:54.840 Seismo 1 Serial Number: 0000000000000000  
 2015-03-18 04:08:54.840 Seismo 2 Serial Number: 0000000000000000  
 2015-03-18 04:08:54.840 QAPCHP 1 Serial Number: 4643206  
 2015-03-18 04:08:54.840 QAPCHP 2 Serial Number: 3743050  
 2015-03-18 04:08:54.840 KMI Property Tag Number: 2017  
 2015-03-18 04:08:54.840 System Software Version: 1.146  
 2015-03-18 04:08:54.840 Slave Processor Version: 1.11  
 2015-03-18 04:08:54.840 Calibrator Type: QCAL330

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2015-03-18 04:08:54.840 Calibrator Version: 1.8  
 2015-03-18 04:08:54.840 Auxiliary Board Type: None  
 2015-03-18 04:08:54.840 Clock Type: Motorola M12  
 2015-03-18 04:08:54.840 PLD Version: 7.9  
 2015-03-18 04:08:54.840 Total Hours: 73448.76  
 2015-03-18 04:08:54.840 Power On Hours: 38079.15  
 2015-03-18 04:08:54.840 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-18 04:08:54.840 Total Number of Boots: 120  
 2015-03-18 04:08:54.840 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-18 04:08:54.840 Total Number of Re-Syncs: 213  
 2015-03-18 04:08:54.840 Status Inputs: 00000000  
 2015-03-18 04:08:54.840 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-18 04:08:54.840 Clock Quality: 100%  
 2015-03-18 04:08:54.840 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-18 04:08:54.840 Clock Phase: 0 usec. max allowed=50000  
 2015-03-18 04:08:54.840 Boom positions:  
 2015-03-18 04:08:54.840 ch1: -3 ch2: 0 ch3: 9 ch4: 20 ch5: 20 ch6: 20  
 2015-03-18 04:08:54.840 Analog Status  
 2015-03-18 04:08:54.840 Analog Positive Supply: 5.46V  
 2015-03-18 04:08:54.840 Input Voltage: 13.35V  
 2015-03-18 04:08:54.840 System Temperature: 5C  
 2015-03-18 04:08:54.840 Main Current: 62ma  
 2015-03-18 04:08:54.840 Antenna Current: 0ma  
 2015-03-18 04:08:54.840 GPS Status  
 2015-03-18 04:08:54.840 Time: 04:08:53  
 2015-03-18 04:08:54.840 Date:  
 2015-03-18 04:08:54.840 Fix Type: 1-D  
 2015-03-18 04:08:54.840 Height:  
 2015-03-18 04:08:54.840 Latitude:  
 2015-03-18 04:08:54.840 Longitude:  
 2015-03-18 04:08:54.840 On Time: 0min  
 2015-03-18 04:08:54.840 Sat. Used: 0  
 2015-03-18 04:08:54.840 In View: 0  
 2015-03-18 04:08:54.840 Checksum Errors: 0  
 2015-03-18 04:08:54.840 Last GPS timemark: 2015-03-18 04:08:52  
 2015-03-18 04:08:54.840 PLL Status  
 2015-03-18 04:08:54.840 State: Lock  
 2015-03-18 04:08:54.840 Initial VCO: 2202.551270  
 2015-03-18 04:08:54.840 Time Error: 0.000000  
 2015-03-18 04:08:54.840 RMS VCO: 0.0000000  
 2015-03-18 04:08:54.840 Best VCO: 2202.52  
 2015-03-18 04:08:54.840 Seconds Since Track or Lock: 0.0  
 2015-03-18 04:08:54.840 vco Control: 2203  
 2015-03-18 04:08:54.840 timing mode: external seascan  
 2015-03-18 04:08:54.840 tempco normal  
 2015-03-18 04:08:54.840 PLL update: 10s PLL lock criterion: 5us  
 2015-03-18 04:08:54.840 Pfrac: 150.00  
 2015-03-18 04:08:54.840 VCO slope: -0.0175000  
 2015-03-18 04:08:54.840 VCO intercept: 7.1100001  
 2015-03-18 04:08:54.840 Km delta: 600.0000000  
 2015-03-18 04:08:54.840 Logical Port 4 Status  
 2015-03-18 04:08:54.840 Data Packets Sent: 35338018  
 2015-03-18 04:08:54.840 Flood Packets Sent: 0  
 2015-03-18 04:08:54.840 Packets Re-Sent: 55133  
 2015-03-18 04:08:54.840 Sequence Errors: 0  
 2015-03-18 04:08:54.840 Packet Buffer Used: 21918384  
 2015-03-18 04:08:54.840 Physical Port: Ethernet  
 2015-03-18 04:08:54.840 Baler Model: 14 Software Version: 2.28  
 2015-03-18 04:08:54.840 MAC Address: 00:04:FB:00:02:EA  
 2015-03-18 04:08:54.840 Disk Size: 20000669696  
 2015-03-18 04:08:54.840 Percent of 1177 data files in use: 66.2  
 2015-03-18 04:08:54.840 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-18 04:08:54.840 Channel sensitivities (uV per count):

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2015-03-18 04:08:54.840 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-18 04:08:54.840 Digitizer Calibration Results:
2015-03-18 04:08:54.840 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-18 04:08:54.840 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-18 04:08:54.840 DMU1 Software Version=10
2015-03-18 04:08:54.840 Supply Voltage=12.6
2015-03-18 04:08:54.840 Supply Current=0.41
2015-03-18 04:08:54.840 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-18 04:08:54.840 WebLink Data Maps Restored
2015-03-18 04:08:54.840 [2015-03-17 16:07:59.999998] sequence resumes: 29858589 to
29858589
2015-03-18 04:08:54.840 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-18 04:08:53
2015-03-18 04:12:21.580 [2015-03-18 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-18 04:14:21.040 Reducing Status Polling Interval
2015-03-18 04:14:21.040 [2015-03-18 04:14:19.999998] total packets received: 44637
2015-03-18 04:14:21.040 [2015-03-18 04:14:19.999998] command timeouts: 6
2015-03-18 04:14:21.040 [2015-03-18 04:14:19.999998] out of window: 49
2015-03-18 04:14:21.040 written: HHZ-1152 HH1-1357 HH2-1354 BDH-445 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-03-18 04:14:21.040 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-30
VMZ-1 VM1-1
2015-03-18 04:14:21.040 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-18 04:14:21.040 [2015-03-18 04:14:19.999998] Done: 4451 recs. seq end:
29902169. run: 322 s
2015-03-18 16:15:16.850
2015-03-18 16:15:16.850 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-18 16:15:16.850 Control Port 2491 Opened
2015-03-18 16:15:16.850 Baler ready on Ethernet
2015-03-18 16:15:16.850 Power Cycled Baler Acknowledged
2015-03-18 16:15:16.850 Commands Accepted by Q330
2015-03-18 16:15:16.850 Access timeout: 300 sec
2015-03-18 16:15:16.850 Control Port 4023 Opened
2015-03-18 16:15:16.850 Data Port 4024 Opened
2015-03-18 16:15:16.850 Registered with Q330
2015-03-18 16:15:16.850 Combination Record Received
2015-03-18 16:15:16.850 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-18 16:15:16.850 Link Reset, starting window sequence: 55077
2015-03-18 16:15:16.850 GPS Receiver ID Received
2015-03-18 16:15:16.850 Manufacturer's Data Received, Property Tag=2017
2015-03-18 16:15:16.850 Digitizer Gain & Offsets Received
2015-03-18 16:15:16.850 Msg From 192.168.200.119:Baler XX-2017 readback. 4451 recs.
seq end: 29902169
2015-03-18 16:15:16.850 Baler clock set to 2015-03-18 16:15:15
2015-03-18 16:15:16.850 Starting to Read DP Tokens
2015-03-18 16:15:16.850 DP Tokens loaded, size=1474 bytes
2015-03-18 16:15:16.850 Webserver advertising 192.168.200.119:5380
2015-03-18 16:15:16.850 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-18 16:15:16.850 filters & delay HH1:2@100,Linear all=0.320000
2015-03-18 16:15:16.850 filters & delay HH2:3@100,Linear all=0.320000
2015-03-18 16:15:16.850 filters & delay BDH:4@20,Linear all=1.650000
2015-03-18 16:15:16.850 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-18 16:15:16.850 filters & delay LH1:2@1,Linear all=15.000000
2015-03-18 16:15:16.850 filters & delay LH2:3@1,Linear all=15.000000
2015-03-18 16:15:16.850 filters & delay LDH:4@1,Linear all=15.000000
2015-03-18 16:15:16.850 [2015-03-18 04:14:19.999998] continuity found: 29902169
479967260.000000 Q=100
2015-03-18 16:15:16.850 [2015-03-18 04:14:19.999998] restoring continuity
2015-03-18 16:15:16.850 Sending DT_OPEN
2015-03-18 16:15:16.850 Station: XX-2017
2015-03-18 16:15:16.850 Q330 Serial Number: 0100000DB18FC351
2015-03-18 16:15:16.850 AMB Serial Number: 0100000B6909DD82

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2015-03-18 16:15:16.850 Seismo 1 Serial Number: 0000000000000000  
 2015-03-18 16:15:16.850 Seismo 2 Serial Number: 0000000000000000  
 2015-03-18 16:15:16.850 QAPCHP 1 Serial Number: 4643206  
 2015-03-18 16:15:16.850 QAPCHP 2 Serial Number: 3743050  
 2015-03-18 16:15:16.850 KMI Property Tag Number: 2017  
 2015-03-18 16:15:16.850 System Software Version: 1.146  
 2015-03-18 16:15:16.850 Slave Processor Version: 1.11  
 2015-03-18 16:15:16.850 Calibrator Type: QCAL330  
 2015-03-18 16:15:16.850 Calibrator Version: 1.8  
 2015-03-18 16:15:16.850 Auxiliary Board Type: None  
 2015-03-18 16:15:16.850 Clock Type: Motorola M12  
 2015-03-18 16:15:16.850 PLD Version: 7.9  
 2015-03-18 16:15:16.850 Total Hours: 73460.87  
 2015-03-18 16:15:16.850 Power On Hours: 38091.25  
 2015-03-18 16:15:16.850 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-18 16:15:16.850 Total Number of Boots: 120  
 2015-03-18 16:15:16.850 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-18 16:15:16.850 Total Number of Re-Syncs: 213  
 2015-03-18 16:15:16.850 Status Inputs: 00000000  
 2015-03-18 16:15:16.850 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-18 16:15:16.850 Clock Quality: 100%  
 2015-03-18 16:15:16.850 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-18 16:15:16.850 Clock Phase: 0 usec. max allowed=50000  
 2015-03-18 16:15:16.850 Boom positions:  
 2015-03-18 16:15:16.850 ch1: -3 ch2: 1 ch3: 9 ch4: 20 ch5: 20 ch6: 20  
 2015-03-18 16:15:16.850 Analog Status  
 2015-03-18 16:15:16.850 Analog Positive Supply: 5.46V  
 2015-03-18 16:15:16.850 Input Voltage: 13.20V  
 2015-03-18 16:15:16.850 System Temperature: 5C  
 2015-03-18 16:15:16.850 Main Current: 62ma  
 2015-03-18 16:15:16.850 Antenna Current: 0ma  
 2015-03-18 16:15:16.850 GPS Status  
 2015-03-18 16:15:16.850 Time: 16:15:15  
 2015-03-18 16:15:16.850 Date:  
 2015-03-18 16:15:16.850 Fix Type: 1-D  
 2015-03-18 16:15:16.850 Height:  
 2015-03-18 16:15:16.850 Latitude:  
 2015-03-18 16:15:16.850 Longitude:  
 2015-03-18 16:15:16.850 On Time: 0min  
 2015-03-18 16:15:16.850 Sat. Used: 0  
 2015-03-18 16:15:16.850 In View: 0  
 2015-03-18 16:15:16.850 Checksum Errors: 0  
 2015-03-18 16:15:16.850 Last GPS timemark: 2015-03-18 16:15:14  
 2015-03-18 16:15:16.850 PLL Status  
 2015-03-18 16:15:16.850 State: Lock  
 2015-03-18 16:15:16.850 Initial VCO: 2202.615234  
 2015-03-18 16:15:16.850 Time Error: 0.000000  
 2015-03-18 16:15:16.850 RMS VCO: 0.000000  
 2015-03-18 16:15:16.850 Best VCO: 2202.70  
 2015-03-18 16:15:16.850 Seconds Since Track or Lock: 0.0  
 2015-03-18 16:15:16.850 Vco Control: 2203  
 2015-03-18 16:15:16.850 timing mode: external seascan  
 2015-03-18 16:15:16.850 tempco normal  
 2015-03-18 16:15:16.850 PLL update: 10s PLL lock criterion: 5us  
 2015-03-18 16:15:16.850 Pfrac: 150.00  
 2015-03-18 16:15:16.850 VCO slope: -0.0175000  
 2015-03-18 16:15:16.850 VCO intercept: 7.1100001  
 2015-03-18 16:15:16.850 km delta: 600.000000  
 2015-03-18 16:15:16.850 Logical Port 4 Status  
 2015-03-18 16:15:16.850 Data Packets Sent: 35382576  
 2015-03-18 16:15:16.850 Flood Packets Sent: 0  
 2015-03-18 16:15:16.850 Packets Re-Sent: 55199  
 2015-03-18 16:15:16.850 Sequence Errors: 0

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2015-03-18 16:15:16.850 Packet Buffer Used: 22924772
2015-03-18 16:15:16.850 Physical Port: Ethernet
2015-03-18 16:15:16.850 Baler Model: 14   Software Version: 2.28
2015-03-18 16:15:16.850 MAC Address: 00:04:FB:00:02:EA
2015-03-18 16:15:16.850 Disk Size: 20000669696
2015-03-18 16:15:16.850 Percent of 1177 data files in use: 66.2
2015-03-18 16:15:16.850 Channels Enabled: 1234   Preamps ON channels:
2015-03-18 16:15:16.850 Channel Sensitivities (uV per count):
2015-03-18 16:15:16.850 Digitizer Calibration Results:
2015-03-18 16:15:16.850 1:-150145,-2.004%   2:-149595,-2.397%   3:-150195,-0.825%
2015-03-18 16:15:16.850 4:-149174,-1.901%   5:0,-100.000%   6:0,-100.000%
2015-03-18 16:15:16.850 DMU1 Software Version=10
2015-03-18 16:15:16.850 Supply Voltage=12.6
2015-03-18 16:15:16.850 Supply Current=0.41
2015-03-18 16:15:16.850 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-18 16:15:16.850 WebLink Data Maps Restored
2015-03-18 16:15:16.850 [2015-03-18 04:14:19.999998] sequence resumes: 29902169 to
29902169
2015-03-18 16:15:16.850 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-18 16:15:15
2015-03-18 16:21:07.000 [2015-03-18 16:12:17.000000] total packets received: 52557
2015-03-18 16:21:07.000 [2015-03-18 16:12:17.000000] command timeouts: 6
2015-03-18 16:21:07.000 [2015-03-18 16:12:17.000000] out of window: 82
2015-03-18 16:21:07.000 written: HHZ-1210 HH1-1402 HH2-1433 BDH-449 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-18 16:21:07.000 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-27 LH2-28 LDH-37
VMZ-2 VM1-2
2015-03-18 16:21:07.000 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-18 16:21:07.000 [2015-03-18 16:12:17.000000] Done: 4656 recs. seq end:
29945246. run: 345 s
2015-03-19 04:21:59.890
2015-03-19 04:21:59.890 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-19 04:21:59.890 Control Port 2491 Opened
2015-03-19 04:21:59.890 Baler ready on Ethernet
2015-03-19 04:21:59.890 Power Cycled Baler Acknowledged
2015-03-19 04:21:59.890 Commands Accepted by Q330
2015-03-19 04:21:59.890 Access timeout: 300 sec
2015-03-19 04:21:59.890 Control Port 4023 Opened
2015-03-19 04:21:59.890 Data Port 4024 Opened
2015-03-19 04:21:59.890 Registered with Q330
2015-03-19 04:21:59.890 Combination Record Received
2015-03-19 04:21:59.890 Window=4   Min. Timeout=10   Max. Timeout=30
2015-03-19 04:21:59.890 Link Reset, starting window sequence: 41980
2015-03-19 04:21:59.890 GPS Receiver ID Received
2015-03-19 04:21:59.890 Manufacturer's Data Received, Property Tag=2017
2015-03-19 04:21:59.890 Digitizer Gain & Offsets Received
2015-03-19 04:21:59.890 Msg From 192.168.200.119:Baler XX-2017 readback. 4656 recs.
seq end: 29945246
2015-03-19 04:21:59.890 Baler clock set to 2015-03-19 04:21:58
2015-03-19 04:21:59.890 Starting to Read DP Tokens
2015-03-19 04:21:59.890 DP Tokens loaded, size=1474 bytes
2015-03-19 04:21:59.890 webserver advertising 192.168.200.119:5380
2015-03-19 04:21:59.890 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-19 04:21:59.890 filters & delay HH1:2@100,Linear all=0.320000
2015-03-19 04:21:59.890 filters & delay HH2:3@100,Linear all=0.320000
2015-03-19 04:21:59.890 filters & delay BDH:4@20,Linear all=1.650000
2015-03-19 04:21:59.890 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-19 04:21:59.890 filters & delay LH1:2@1,Linear all=15.000000
2015-03-19 04:21:59.890 filters & delay LH2:3@1,Linear all=15.000000
2015-03-19 04:21:59.890 filters & delay LDH:4@1,Linear all=15.000000
2015-03-19 04:21:59.890 [2015-03-18 16:12:17.000000] continuity found: 29945246
480010337.000000   Q=100
2015-03-19 04:21:59.890 [2015-03-18 16:12:17.000000] restoring continuity

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2015-03-19 04:21:59.890 Sending DT\_OPEN  
 2015-03-19 04:21:59.890 Station: XX-2017  
 2015-03-19 04:21:59.890 Q330 Serial Number: 0100000DB18FC351  
 2015-03-19 04:21:59.890 AMB Serial Number: 0100000B6909DD82  
 2015-03-19 04:21:59.890 Seismo 1 Serial Number: 0000000000000000  
 2015-03-19 04:21:59.890 Seismo 2 Serial Number: 0000000000000000  
 2015-03-19 04:21:59.890 QAPCHP 1 Serial Number: 4643206  
 2015-03-19 04:21:59.890 QAPCHP 2 Serial Number: 3743050  
 2015-03-19 04:21:59.890 KMI Property Tag Number: 2017  
 2015-03-19 04:21:59.890 System Software Version: 1.146  
 2015-03-19 04:21:59.890 Slave Processor Version: 1.11  
 2015-03-19 04:21:59.890 Calibrator Type: QCAL330  
 2015-03-19 04:21:59.890 Calibrator Version: 1.8  
 2015-03-19 04:21:59.890 Auxiliary Board Type: None  
 2015-03-19 04:21:59.890 Clock Type: Motorola M12  
 2015-03-19 04:21:59.890 PLD Version: 7.9  
 2015-03-19 04:21:59.890 Total Hours: 73472.98  
 2015-03-19 04:21:59.890 Power On Hours: 38103.37  
 2015-03-19 04:21:59.890 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-19 04:21:59.890 Total Number of Boots: 120  
 2015-03-19 04:21:59.890 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-19 04:21:59.890 Total Number of Re-Syncs: 213  
 2015-03-19 04:21:59.890 Status Inputs: 00000000  
 2015-03-19 04:21:59.890 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-19 04:21:59.890 Clock Quality: 100%  
 2015-03-19 04:21:59.890 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-19 04:21:59.890 Clock Phase: 1 usec. max allowed=50000  
 2015-03-19 04:21:59.890 Boom positions:  
 2015-03-19 04:21:59.890 Ch1: -3 Ch2: 0 Ch3: 10 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-19 04:21:59.890 Analog Status  
 2015-03-19 04:21:59.890 Analog Positive Supply: 5.46V  
 2015-03-19 04:21:59.890 Input Voltage: 13.20V  
 2015-03-19 04:21:59.890 System Temperature: 5C  
 2015-03-19 04:21:59.890 Main Current: 62ma  
 2015-03-19 04:21:59.890 Antenna Current: 0ma  
 2015-03-19 04:21:59.890 GPS Status  
 2015-03-19 04:21:59.890 Time: 04:21:58  
 2015-03-19 04:21:59.890 Date:  
 2015-03-19 04:21:59.890 Fix Type: 1-D  
 2015-03-19 04:21:59.890 Height:  
 2015-03-19 04:21:59.890 Latitude:  
 2015-03-19 04:21:59.890 Longitude:  
 2015-03-19 04:21:59.890 On Time: 0min  
 2015-03-19 04:21:59.890 Sat. Used: 0  
 2015-03-19 04:21:59.890 In View: 0  
 2015-03-19 04:21:59.890 Checksum Errors: 0  
 2015-03-19 04:21:59.890 Last GPS timemark: 2015-03-19 04:21:57  
 2015-03-19 04:21:59.890 PLL Status  
 2015-03-19 04:21:59.890 State: Lock  
 2015-03-19 04:21:59.890 Initial VCO: 2202.212891  
 2015-03-19 04:21:59.890 Time Error: -0.000001  
 2015-03-19 04:21:59.890 RMS VCO: 0.0000000  
 2015-03-19 04:21:59.890 Best VCO: 2202.31  
 2015-03-19 04:21:59.890 Seconds Since Track or Lock: 0.0  
 2015-03-19 04:21:59.890 Vco Control: 2202  
 2015-03-19 04:21:59.890 timing mode: external seascan  
 2015-03-19 04:21:59.890 tempco normal  
 2015-03-19 04:21:59.890 PLL update: 10s PLL lock criterion: 5us  
 2015-03-19 04:21:59.890 Pfrac: 150.00  
 2015-03-19 04:21:59.890 VCO slope: -0.0175000  
 2015-03-19 04:21:59.890 VCO intercept: 7.1100001  
 2015-03-19 04:21:59.890 km delta: 600.0000000  
 2015-03-19 04:21:59.890 Logical Port 4 Status

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2015-03-19 04:21:59.890 Data Packets Sent: 35435020  
 2015-03-19 04:21:59.890 Flood Packets Sent: 0  
 2015-03-19 04:21:59.890 Packets Re-Sent: 55298  
 2015-03-19 04:21:59.890 Sequence Errors: 0  
 2015-03-19 04:21:59.890 Packet Buffer Used: 22420316  
 2015-03-19 04:21:59.890 Physical Port: Ethernet  
 2015-03-19 04:21:59.890 Baler Model: 14 Software Version: 2.28  
 2015-03-19 04:21:59.890 MAC Address: 00:04:FB:00:02:EA  
 2015-03-19 04:21:59.890 Disk Size: 20000669696  
 2015-03-19 04:21:59.890 Percent of 1177 data files in use: 66.4  
 2015-03-19 04:21:59.890 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-19 04:21:59.890 Channel Sensitivities (uV per count):  
 2015-03-19 04:21:59.890 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-19 04:21:59.890 Digitizer Calibration Results:  
 2015-03-19 04:21:59.890 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-19 04:21:59.890 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-19 04:21:59.890 DMU1 Software Version=10  
 2015-03-19 04:21:59.890 Supply Voltage=12.6  
 2015-03-19 04:21:59.890 Supply Current=0.41  
 2015-03-19 04:21:59.890 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-19 04:21:59.890 WebLink Data Maps Restored  
 2015-03-19 04:21:59.890 [2015-03-18 16:12:17.000000] sequence resumes: 29945246 to  
 29945246  
 2015-03-19 04:21:59.890 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-19 04:21:58  
 2015-03-19 04:25:32.340 [2015-03-19 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-03-19 04:27:35.820 Reducing Status Polling Interval  
 2015-03-19 04:27:35.820 [2015-03-19 04:27:34.999998] total packets received: 47954  
 2015-03-19 04:27:35.820 [2015-03-19 04:27:34.999998] command timeouts: 6  
 2015-03-19 04:27:35.820 [2015-03-19 04:27:34.999998] out of window: 59  
 2015-03-19 04:27:35.820 written: HHZ-1179 HH1-1386 HH2-1396 BDH-454 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-19 04:27:35.820 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-29  
 VMZ-2 VM1-2  
 2015-03-19 04:27:35.820 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-03-19 04:27:35.820 [2015-03-19 04:27:34.999998] Done: 4568 recs. seq end:  
 29989364. run: 332 s  
 2015-03-19 16:28:29.920  
 2015-03-19 16:28:29.920 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-19 16:28:29.920 Control Port 2491 Opened  
 2015-03-19 16:28:29.920 Baler ready on Ethernet  
 2015-03-19 16:28:29.920 Power Cycled Baler Acknowledged  
 2015-03-19 16:28:29.920 Commands Accepted by Q330  
 2015-03-19 16:28:29.920 Access timeout: 300 sec  
 2015-03-19 16:28:29.920 Control Port 4023 Opened  
 2015-03-19 16:28:29.920 Data Port 4024 Opened  
 2015-03-19 16:28:29.920 Registered with Q330  
 2015-03-19 16:28:29.920 Combination Record Received  
 2015-03-19 16:28:29.920 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-19 16:28:29.920 Link Reset, starting window sequence: 24303  
 2015-03-19 16:28:29.920 GPS Receiver ID Received  
 2015-03-19 16:28:29.920 Manufacturer's Data Received, Property Tag=2017  
 2015-03-19 16:28:29.920 Digitizer Gain & Offsets Received  
 2015-03-19 16:28:29.920 Msg From 192.168.200.119:Baler XX-2017 readback. 4568 recs.  
 seq end: 29989364  
 2015-03-19 16:28:29.920 Baler clock set to 2015-03-19 16:28:28  
 2015-03-19 16:28:29.920 Starting to Read DP Tokens  
 2015-03-19 16:28:29.920 DP Tokens loaded, size=1474 bytes  
 2015-03-19 16:28:29.920 webserver advertising 192.168.200.119:5380  
 2015-03-19 16:28:29.920 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-19 16:28:29.920 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-19 16:28:29.920 filters & delay HH2:3@100,Linear all=0.320000

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2015-03-19 16:28:29.920 filters & delay BDH:4@20,Linear all=1.650000
2015-03-19 16:28:29.920 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-19 16:28:29.920 filters & delay LH1:2@1,Linear all=15.000000
2015-03-19 16:28:29.920 filters & delay LH2:3@1,Linear all=15.000000
2015-03-19 16:28:29.920 filters & delay LDH:4@1,Linear all=15.000000
2015-03-19 16:28:29.920 [2015-03-19 04:27:34.999998] continuity found: 29989364
480054455.000000 Q=100
2015-03-19 16:28:29.920 [2015-03-19 04:27:34.999998] restoring continuity
2015-03-19 16:28:29.920 Sending DT_OPEN
2015-03-19 16:28:29.920 Station: XX-2017
2015-03-19 16:28:29.920 Q330 Serial Number: 0100000DB18FC351
2015-03-19 16:28:29.920 AMB Serial Number: 0100000B6909DD82
2015-03-19 16:28:29.920 Seismo 1 Serial Number: 0000000000000000
2015-03-19 16:28:29.920 Seismo 2 Serial Number: 0000000000000000
2015-03-19 16:28:29.920 QAPCHP 1 Serial Number: 4643206
2015-03-19 16:28:29.920 QAPCHP 2 Serial Number: 3743050
2015-03-19 16:28:29.920 KMI Property Tag Number: 2017
2015-03-19 16:28:29.920 System Software Version: 1.146
2015-03-19 16:28:29.920 Slave Processor Version: 1.11
2015-03-19 16:28:29.920 Calibrator Type: QCAL330
2015-03-19 16:28:29.920 Calibrator Version: 1.8
2015-03-19 16:28:29.920 Auxiliary Board Type: None
2015-03-19 16:28:29.920 Clock Type: Motorola M12
2015-03-19 16:28:29.920 PLD Version: 7.9
2015-03-19 16:28:29.920 Total Hours: 73485.09
2015-03-19 16:28:29.920 Power On Hours: 38115.47
2015-03-19 16:28:29.920 Time of Last Boot: 2014-04-06 02:03:58
2015-03-19 16:28:29.920 Total Number of Boots: 120
2015-03-19 16:28:29.920 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-19 16:28:29.920 Status Inputs: 00000000
2015-03-19 16:28:29.920 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-19 16:28:29.920 Clock Quality: 100%
2015-03-19 16:28:29.920 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-19 16:28:29.920 Clock Phase: 0 usec. max allowed=50000
2015-03-19 16:28:29.920 Boom positions:
2015-03-19 16:28:29.920 ch1: -3 ch2: 0 ch3: 10 ch4: 20 ch5: 20 ch6: 20
2015-03-19 16:28:29.920 Analog Status
2015-03-19 16:28:29.920 Analog Positive Supply: 5.46V
2015-03-19 16:28:29.920 Input Voltage: 13.20V
2015-03-19 16:28:29.920 System Temperature: 5C
2015-03-19 16:28:29.920 Main Current: 62ma
2015-03-19 16:28:29.920 Antenna Current: 0ma
2015-03-19 16:28:29.920 GPS Status
2015-03-19 16:28:29.920 Time: 16:28:28
2015-03-19 16:28:29.920 Date:
2015-03-19 16:28:29.920 Fix Type: 1-D
2015-03-19 16:28:29.920 Height:
2015-03-19 16:28:29.920 Latitude:
2015-03-19 16:28:29.920 Longitude:
2015-03-19 16:28:29.920 On Time: 0min
2015-03-19 16:28:29.920 Sat. Used: 0
2015-03-19 16:28:29.920 In View: 0
2015-03-19 16:28:29.920 Checksum Errors: 0
2015-03-19 16:28:29.920 Last GPS timemark: 2015-03-19 16:28:27
2015-03-19 16:28:29.920 PLL Status
2015-03-19 16:28:29.920 State: Lock
2015-03-19 16:28:29.920 Initial VCO: 2201.777344
2015-03-19 16:28:29.920 Time Error: 0.000000
2015-03-19 16:28:29.920 RMS VCO: 0.000000
2015-03-19 16:28:29.920 Best VCO: 2202.12
2015-03-19 16:28:29.920 Seconds Since Track or Lock: 0.0
2015-03-19 16:28:29.920 Vco Control: 2201
2015-03-19 16:28:29.920 timing mode: external seascan

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2015-03-19 16:28:29.920 tempco normal
2015-03-19 16:28:29.920 PLL update: 10s PLL lock criterion: 5us
2015-03-19 16:28:29.920 Pfrac: 150.00
2015-03-19 16:28:29.920 VCO slope: -0.0175000
2015-03-19 16:28:29.920 VCO intercept: 7.1100001
2015-03-19 16:28:29.920 km delta: 600.0000000
2015-03-19 16:28:29.920 Logical Port 4 Status
2015-03-19 16:28:29.920 Data Packets Sent: 35482884
2015-03-19 16:28:29.920 Flood Packets Sent: 0
2015-03-19 16:28:29.920 Packets Re-Sent: 55375
2015-03-19 16:28:29.920 Sequence Errors: 0
2015-03-19 16:28:29.920 Packet Buffer Used: 21688144
2015-03-19 16:28:29.920 Physical Port: Ethernet
2015-03-19 16:28:29.920 Baler Model: 14 Software Version: 2.28
2015-03-19 16:28:29.920 MAC Address: 00:04:FB:00:02:EA
2015-03-19 16:28:29.920 Disk Size: 20000669696
2015-03-19 16:28:29.920 Percent of 1177 data files in use: 66.4
2015-03-19 16:28:29.920 Channels Enabled: 1234 Preamps ON channels:
2015-03-19 16:28:29.920 Channel Sensitivities (uV per count):
2015-03-19 16:28:29.920 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-19 16:28:29.920 Digitizer Calibration Results:
2015-03-19 16:28:29.920 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-19 16:28:29.920 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-19 16:28:29.920 DMU1 Software Version=10
2015-03-19 16:28:29.920 Supply Voltage=12.7
2015-03-19 16:28:29.920 Supply Current=0.41
2015-03-19 16:28:29.920 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-19 16:28:29.920 WebLink Data Maps Restored
2015-03-19 16:28:29.920 [2015-03-19 04:27:34.999998] sequence resumes: 29989364 to
29989364
2015-03-19 16:28:29.920 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-03-19 16:28:28
2015-03-19 16:33:54.030 Reducing Status Polling Interval
2015-03-19 16:33:54.030 [2015-03-19 16:33:53.000000] total packets received: 44497
2015-03-19 16:33:54.030 [2015-03-19 16:33:53.000000] command timeouts: 6
2015-03-19 16:33:54.030 [2015-03-19 16:33:53.000000] out of window: 59
2015-03-19 16:33:54.030 written: HHZ-1155 HH1-1351 HH2-1308 BDH-437 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2015-03-19 16:33:54.030 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2015-03-19 16:33:54.030 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-19 16:33:54.030 [2015-03-19 16:33:53.000000] Done: 4384 recs. seq end:
30032942. run: 320 s
2015-03-20 04:34:48.850
2015-03-20 04:34:48.850 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-20 04:34:48.850 Control Port 2491 Opened
2015-03-20 04:34:48.850 Baler ready on Ethernet
2015-03-20 04:34:48.850 Power Cycled Baler Acknowledged
2015-03-20 04:34:48.850 Commands Accepted by Q330
2015-03-20 04:34:48.850 Access timeout: 300 sec
2015-03-20 04:34:48.850 Control Port 4023 Opened
2015-03-20 04:34:48.850 Data Port 4024 Opened
2015-03-20 04:34:48.850 Registered with Q330
2015-03-20 04:34:48.850 Combination Record Received
2015-03-20 04:34:48.850 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-20 04:34:48.850 Link Reset, starting window sequence: 3170
2015-03-20 04:34:48.850 GPS Receiver ID Received
2015-03-20 04:34:48.850 Manufacturer's Data Received, Property Tag=2017
2015-03-20 04:34:48.850 Digitizer Gain & Offsets Received
2015-03-20 04:34:48.850 Msg From 192.168.200.119:Baler XX-2017 readback. 4384 recs.
seq end: 30032942
2015-03-20 04:34:48.850 Baler clock set to 2015-03-20 04:34:47
2015-03-20 04:34:48.850 Starting to Read DP Tokens

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2015-03-20 04:34:48.850 DP Tokens loaded, size=1474 bytes
2015-03-20 04:34:48.850 Webserver advertising 192.168.200.119:5380
2015-03-20 04:34:48.850 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-20 04:34:48.850 filters & delay HH1:2@100,Linear all=0.320000
2015-03-20 04:34:48.850 filters & delay HH2:3@100,Linear all=0.320000
2015-03-20 04:34:48.850 filters & delay BDH:4@20,Linear all=1.650000
2015-03-20 04:34:48.850 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-20 04:34:48.850 filters & delay LH1:2@1,Linear all=15.000000
2015-03-20 04:34:48.850 filters & delay LH2:3@1,Linear all=15.000000
2015-03-20 04:34:48.850 filters & delay LDH:4@1,Linear all=15.000000
2015-03-20 04:34:48.850 [2015-03-19 16:33:53.000000] continuity found: 30032942
480098033.000000 Q=100
2015-03-20 04:34:48.850 [2015-03-19 16:33:53.000000] restoring continuity
2015-03-20 04:34:48.850 Sending DT_OPEN
2015-03-20 04:34:48.850 Station: XX-2017
2015-03-20 04:34:48.850 Q330 Serial Number: 0100000DB18FC351
2015-03-20 04:34:48.850 AMB Serial Number: 0100000B6909DD82
2015-03-20 04:34:48.850 Seismo 1 Serial Number: 0000000000000000
2015-03-20 04:34:48.850 Seismo 2 Serial Number: 0000000000000000
2015-03-20 04:34:48.850 QAPCHP 1 Serial Number: 4643206
2015-03-20 04:34:48.850 QAPCHP 2 Serial Number: 3743050
2015-03-20 04:34:48.850 KMI Property Tag Number: 2017
2015-03-20 04:34:48.850 System Software Version: 1.146
2015-03-20 04:34:48.850 Slave Processor Version: 1.11
2015-03-20 04:34:48.850 Calibrator Type: QCAL330
2015-03-20 04:34:48.850 Calibrator Version: 1.8
2015-03-20 04:34:48.850 Auxiliary Board Type: None
2015-03-20 04:34:48.850 Clock Type: Motorola M12
2015-03-20 04:34:48.850 PLD Version: 7.9
2015-03-20 04:34:48.850 Total Hours: 73497.19
2015-03-20 04:34:48.850 Power On Hours: 38127.58
2015-03-20 04:34:48.850 Time of Last Boot: 2014-04-06 02:03:58
2015-03-20 04:34:48.850 Total Number of Boots: 120
2015-03-20 04:34:48.850 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-20 04:34:48.850 Total Number of Re-Syncs: 213
2015-03-20 04:34:48.850 Status Inputs: 00000000
2015-03-20 04:34:48.850 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-20 04:34:48.850 Clock Quality: 100%
2015-03-20 04:34:48.850 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-20 04:34:48.850 Clock Phase: 1 usec. max allowed=50000
2015-03-20 04:34:48.850 Boom positions:
2015-03-20 04:34:48.850 Ch1: -3 Ch2: 0 Ch3: 9 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-20 04:34:48.850 Analog Status
2015-03-20 04:34:48.850 Analog Positive Supply: 5.46V
2015-03-20 04:34:48.850 Input Voltage: 13.20V
2015-03-20 04:34:48.850 System Temperature: 5C
2015-03-20 04:34:48.850 Main Current: 62ma
2015-03-20 04:34:48.850 Antenna Current: 0ma
2015-03-20 04:34:48.850 GPS Status
2015-03-20 04:34:48.850 Time: 04:34:47
2015-03-20 04:34:48.850 Date:
2015-03-20 04:34:48.850 Fix Type: 1-D
2015-03-20 04:34:48.850 Height:
2015-03-20 04:34:48.850 Latitude:
2015-03-20 04:34:48.850 Longitude:
2015-03-20 04:34:48.850 On Time: 0min
2015-03-20 04:34:48.850 Sat. Used: 0
2015-03-20 04:34:48.850 In View: 0
2015-03-20 04:34:48.850 Checksum Errors: 0
2015-03-20 04:34:48.850 Last GPS timemark: 2015-03-20 04:34:46
2015-03-20 04:34:48.850 PLL Status
2015-03-20 04:34:48.850 State: Lock
2015-03-20 04:34:48.850 Initial VCO: 2202.189209

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2015-03-20 04:34:48.850 Time Error: -0.000001
2015-03-20 04:34:48.850 RMS VCO: 0.0000000
2015-03-20 04:34:48.850 Best VCO: 2202.28
2015-03-20 04:34:48.850 Seconds Since Track or Lock: 0.0
2015-03-20 04:34:48.850 Vco Control: 2203
2015-03-20 04:34:48.850 timing mode: external seascan
2015-03-20 04:34:48.850 tempco normal
2015-03-20 04:34:48.850 PLL update: 10s PLL lock criterion: 5us
2015-03-20 04:34:48.850 Pfrac: 150.00
2015-03-20 04:34:48.850 VCO slope: -0.0175000
2015-03-20 04:34:48.850 VCO intercept: 7.1100001
2015-03-20 04:34:48.850 Km delta: 600.0000000
2015-03-20 04:34:48.850 Logical Port 4 Status
2015-03-20 04:34:48.850 Data Packets Sent: 35527292
2015-03-20 04:34:48.850 Flood Packets Sent: 0
2015-03-20 04:34:48.850 Packets Re-Sent: 55453
2015-03-20 04:34:48.850 Sequence Errors: 0
2015-03-20 04:34:48.850 Packet Buffer Used: 21649184
2015-03-20 04:34:48.850 Physical Port: Ethernet
2015-03-20 04:34:48.850 Baler Model: 14 Software Version: 2.28
2015-03-20 04:34:48.850 MAC Address: 00:04:FB:00:02:EA
2015-03-20 04:34:48.850 Disk Size: 20000669696
2015-03-20 04:34:48.850 Percent of 1177 data files in use: 66.4
2015-03-20 04:34:48.850 Channels Enabled: 1234 Preamps ON channels:
2015-03-20 04:34:48.850 Channel Sensitivities (uV per count):
2015-03-20 04:34:48.850 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-20 04:34:48.850 Digitizer Calibration Results:
2015-03-20 04:34:48.850 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-20 04:34:48.850 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-20 04:34:48.850 DMU1 Software Version=10
2015-03-20 04:34:48.850 Supply Voltage=12.6
2015-03-20 04:34:48.850 Supply Current=0.41
2015-03-20 04:34:48.850 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-20 04:34:48.850 WebLink Data Maps Restored
2015-03-20 04:34:48.850 [2015-03-19 16:33:53.000000] sequence resumes: 30032942 to
30032942
2015-03-20 04:34:48.850 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-03-20 04:34:47
2015-03-20 04:38:04.220 [2015-03-20 00:00:00.000001] saving Configuration to Backup
Memory
2015-03-20 04:40:10.380 Reducing Status Polling Interval
2015-03-20 04:40:10.380 [2015-03-20 04:40:10.000000] total packets received: 45290
2015-03-20 04:40:10.380 [2015-03-20 04:40:10.000000] command timeouts: 6
2015-03-20 04:40:10.380 [2015-03-20 04:40:10.000000] out of window: 54
2015-03-20 04:40:10.380 written: HHZ-1161 HH1-1318 HH2-1334 BDH-429 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-20 04:40:10.380 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-24
VMZ-1 VM1-1
2015-03-20 04:40:10.380 written: VM2-1 LOG-3 ACE-2 OCF-2
2015-03-20 04:40:10.380 [2015-03-20 04:40:10.000000] Done: 4384 recs. seq end:
30076519. run: 318 s
2015-03-20 16:41:07.830
2015-03-20 16:41:07.830 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-20 16:41:07.830 Control Port 2491 Opened
2015-03-20 16:41:07.830 Baler ready on Ethernet
2015-03-20 16:41:07.830 Power Cycled Baler Acknowledged
2015-03-20 16:41:07.830 Commands Accepted by Q330
2015-03-20 16:41:07.830 Access timeout: 300 sec
2015-03-20 16:41:07.830 Control Port 4023 Opened
2015-03-20 16:41:07.830 Data Port 4024 Opened
2015-03-20 16:41:07.830 Combination Record Received
2015-03-20 16:41:07.830 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-20 16:41:07.830 Link Reset, starting window sequence: 48371

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2015-03-20 16:41:07.830 GPS Receiver ID Received
2015-03-20 16:41:07.830 Manufacturer's Data Received, Property Tag=2017
2015-03-20 16:41:07.830 Digitizer Gain & Offsets Received
2015-03-20 16:41:07.830 Msg From 192.168.200.119:Baler XX-2017 readback. 4384 recs.
seq end: 30076519
2015-03-20 16:41:07.830 Baler clock set to 2015-03-20 16:41:06
2015-03-20 16:41:07.830 Starting to Read DP Tokens
2015-03-20 16:41:07.830 DP Tokens loaded, size=1474 bytes
2015-03-20 16:41:07.830 Webserver advertising 192.168.200.119:5380
2015-03-20 16:41:07.830 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-20 16:41:07.830 filters & delay HH1:2@100,Linear all=0.320000
2015-03-20 16:41:07.830 filters & delay HH2:3@100,Linear all=0.320000
2015-03-20 16:41:07.830 filters & delay BDH:4@20,Linear all=1.650000
2015-03-20 16:41:07.830 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-20 16:41:07.830 filters & delay LH1:2@1,Linear all=15.000000
2015-03-20 16:41:07.830 filters & delay LH2:3@1,Linear all=15.000000
2015-03-20 16:41:07.830 filters & delay LDH:4@1,Linear all=15.000000
2015-03-20 16:41:07.830 [2015-03-20 04:40:10.000000] continuity found: 30076519
480141610.000000 Q=100
2015-03-20 16:41:07.830 [2015-03-20 04:40:10.000000] restoring continuity
2015-03-20 16:41:07.830 Sending DT_OPEN
2015-03-20 16:41:07.830 Station: XX-2017
2015-03-20 16:41:07.830 Q330 Serial Number: 0100000DB18FC351
2015-03-20 16:41:07.830 AMB Serial Number: 0100000B6909DD82
2015-03-20 16:41:07.830 Seismo 1 Serial Number: 0000000000000000
2015-03-20 16:41:07.830 Seismo 2 Serial Number: 0000000000000000
2015-03-20 16:41:07.830 QAPCHP 1 Serial Number: 4643206
2015-03-20 16:41:07.830 QAPCHP 2 Serial Number: 3743050
2015-03-20 16:41:07.830 KMI Property Tag Number: 2017
2015-03-20 16:41:07.830 System Software Version: 1.146
2015-03-20 16:41:07.830 Slave Processor Version: 1.11
2015-03-20 16:41:07.830 Calibrator Type: QCAL330
2015-03-20 16:41:07.830 Calibrator Version: 1.8
2015-03-20 16:41:07.830 Auxiliary Board Type: None
2015-03-20 16:41:07.830 Clock Type: Motorola M12
2015-03-20 16:41:07.830 PLD Version: 7.9
2015-03-20 16:41:07.830 Total Hours: 73509.30
2015-03-20 16:41:07.830 Power On Hours: 38139.69
2015-03-20 16:41:07.830 Time of Last Boot: 2014-04-06 02:03:58
2015-03-20 16:41:07.830 Total Number of Boots: 120
2015-03-20 16:41:07.830 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-20 16:41:07.830 Total Number of Re-Syncs: 213
2015-03-20 16:41:07.830 Status Inputs: 00000000
2015-03-20 16:41:07.830 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-20 16:41:07.830 Clock Quality: 100%
2015-03-20 16:41:07.830 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-20 16:41:07.830 Clock Phase: 0 usec. max allowed=50000
2015-03-20 16:41:07.830 Boom positions:
2015-03-20 16:41:07.830 ch1: -3 ch2: 0 ch3: 11 ch4: 20 ch5: 20 ch6: 20
2015-03-20 16:41:07.830 Analog Status
2015-03-20 16:41:07.830 Analog Positive Supply: 5.46V
2015-03-20 16:41:07.830 Input Voltage: 13.20V
2015-03-20 16:41:07.830 System Temperature: 5C
2015-03-20 16:41:07.830 Main Current: 62ma
2015-03-20 16:41:07.830 Antenna Current: 0ma
2015-03-20 16:41:07.830 GPS Status
2015-03-20 16:41:07.830 Time: 16:41:06
2015-03-20 16:41:07.830 Date:
2015-03-20 16:41:07.830 Fix Type: 1-D
2015-03-20 16:41:07.830 Height:
2015-03-20 16:41:07.830 Latitude:
2015-03-20 16:41:07.830 Longitude:
2015-03-20 16:41:07.830 On Time: 0min

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2015-03-20 16:41:07.830 Sat. Used: 0  
 2015-03-20 16:41:07.830 In View: 0  
 2015-03-20 16:41:07.830 Checksum Errors: 0  
 2015-03-20 16:41:07.830 Last GPS timemark: 2015-03-20 16:41:05  
 2015-03-20 16:41:07.830 PLL Status  
 2015-03-20 16:41:07.830 State: Lock  
 2015-03-20 16:41:07.830 Initial VCO: 2202.509766  
 2015-03-20 16:41:07.830 Time Error: 0.000000  
 2015-03-20 16:41:07.830 RMS VCO: 0.000000  
 2015-03-20 16:41:07.830 Best VCO: 2202.41  
 2015-03-20 16:41:07.830 Seconds Since Track or Lock: 0.0  
 2015-03-20 16:41:07.830 Vco Control: 2203  
 2015-03-20 16:41:07.830 timing mode: external seascan  
 2015-03-20 16:41:07.830 tempco normal  
 2015-03-20 16:41:07.830 PLL update: 10s PLL lock criterion: 5us  
 2015-03-20 16:41:07.830 Pfrac: 150.00  
 2015-03-20 16:41:07.830 VCO slope: -0.0175000  
 2015-03-20 16:41:07.830 VCO intercept: 7.1100001  
 2015-03-20 16:41:07.830 Km delta: 600.0000000  
 2015-03-20 16:41:07.830 Logical Port 4 Status  
 2015-03-20 16:41:07.830 Data Packets Sent: 35572498  
 2015-03-20 16:41:07.830 Flood Packets Sent: 0  
 2015-03-20 16:41:07.830 Packets Re-Sent: 55525  
 2015-03-20 16:41:07.830 Sequence Errors: 0  
 2015-03-20 16:41:07.830 Packet Buffer Used: 22060520  
 2015-03-20 16:41:07.830 Physical Port: Ethernet  
 2015-03-20 16:41:07.830 Baler Model: 14 Software Version: 2.28  
 2015-03-20 16:41:07.830 MAC Address: 00:04:FB:00:02:EA  
 2015-03-20 16:41:07.830 Disk Size: 20000669696  
 2015-03-20 16:41:07.830 Percent of 1177 data files in use: 66.7  
 2015-03-20 16:41:07.830 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-20 16:41:07.830 Channel Sensitivities (uV per count):  
 2015-03-20 16:41:07.830 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-20 16:41:07.830 Digitizer Calibration Results:  
 2015-03-20 16:41:07.830 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-20 16:41:07.830 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-20 16:41:07.830 DMU1 Software Version=10  
 2015-03-20 16:41:07.830 Supply Voltage=12.7  
 2015-03-20 16:41:07.830 Supply Current=0.41  
 2015-03-20 16:41:07.830 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-20 16:41:07.830 webLink Data Maps Restored  
 2015-03-20 16:41:07.830 [2015-03-20 04:40:10.000000] sequence resumes: 30076519 to  
 30076519  
 2015-03-20 16:41:07.830 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-20 16:41:06  
 2015-03-20 16:45:12.580 Reducing Status Polling Interval  
 2015-03-20 16:46:38.480 [2015-03-20 16:38:32.000000] total packets received: 46063  
 2015-03-20 16:46:38.480 [2015-03-20 16:38:32.000000] command timeouts: 6  
 2015-03-20 16:46:38.480 [2015-03-20 16:38:32.000000] out of window: 60  
 2015-03-20 16:46:38.480 written: HHZ-1149 HH1-1332 HH2-1378 BDH-435 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-20 16:46:38.480 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-24 LH2-25 LDH-25  
 VMZ-2 VM1-2  
 2015-03-20 16:46:38.480 written: VM2-2 OAC-1 LOG-3 ACE-1 OCF-1  
 2015-03-20 16:46:38.480 [2015-03-20 16:38:32.000000] Done: 4436 recs. seq end:  
 30119621. run: 326 s  
 2015-03-21 04:47:31.820  
 2015-03-21 04:47:31.820 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-21 04:47:31.820 Control Port 2491 Opened  
 2015-03-21 04:47:31.820 Baler ready on Ethernet  
 2015-03-21 04:47:31.820 Power Cycled Baler Acknowledged  
 2015-03-21 04:47:31.820 Commands Accepted by Q330  
 2015-03-21 04:47:31.820 Access timeout: 300 sec

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2015-03-21 04:47:31.820 Control Port 4023 Opened
2015-03-21 04:47:31.820 Data Port 4024 Opened
2015-03-21 04:47:31.820 Registered with Q330
2015-03-21 04:47:31.820 Combination Record Received
2015-03-21 04:47:31.820 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-21 04:47:31.820 Link Reset, starting window sequence: 28790
2015-03-21 04:47:31.820 GPS Receiver ID Received
2015-03-21 04:47:31.820 Manufacturer's Data Received, Property Tag=2017
2015-03-21 04:47:31.820 Digitizer Gain & Offsets Received
2015-03-21 04:47:31.820 Msg From 192.168.200.119: Baler XX-2017 readback. 4436 recs.
seq end: 30119621
2015-03-21 04:47:31.820 Baler clock set to 2015-03-21 04:47:30
2015-03-21 04:47:31.820 Starting to Read DP Tokens
2015-03-21 04:47:31.820 DP Tokens loaded, size=1474 bytes
2015-03-21 04:47:31.820 Webserver advertising 192.168.200.119:5380
2015-03-21 04:47:31.820 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-21 04:47:31.820 filters & delay HH1:2@100,Linear all=0.320000
2015-03-21 04:47:31.820 filters & delay HH2:3@100,Linear all=0.320000
2015-03-21 04:47:31.820 filters & delay BDH:4@20,Linear all=1.650000
2015-03-21 04:47:31.820 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-21 04:47:31.820 filters & delay LH1:2@1,Linear all=15.000000
2015-03-21 04:47:31.820 filters & delay LH2:3@1,Linear all=15.000000
2015-03-21 04:47:31.820 filters & delay LDH:4@1,Linear all=15.000000
2015-03-21 04:47:31.820 [2015-03-20 16:38:32.000000] continuity found: 30119621
480184712.000000 Q=100
2015-03-21 04:47:31.820 [2015-03-20 16:38:32.000000] restoring continuity
2015-03-21 04:47:31.820 Sending DT_OPEN
2015-03-21 04:47:31.820 Station: XX-2017
2015-03-21 04:47:31.820 Q330 Serial Number: 0100000DB18FC351
2015-03-21 04:47:31.820 AMB Serial Number: 0100000B6909DD82
2015-03-21 04:47:31.820 Seismo 1 Serial Number: 0000000000000000
2015-03-21 04:47:31.820 Seismo 2 Serial Number: 0000000000000000
2015-03-21 04:47:31.820 QAPCHP 1 Serial Number: 4643206
2015-03-21 04:47:31.820 QAPCHP 2 Serial Number: 3743050
2015-03-21 04:47:31.820 KMI Property Tag Number: 2017
2015-03-21 04:47:31.820 System Software Version: 1.146
2015-03-21 04:47:31.820 Slave Processor Version: 1.11
2015-03-21 04:47:31.820 Calibrator Type: QCAL330
2015-03-21 04:47:31.820 Calibrator Version: 1.8
2015-03-21 04:47:31.820 Auxiliary Board Type: None
2015-03-21 04:47:31.820 Clock Type: Motorola M12
2015-03-21 04:47:31.820 PLD Version: 7.9
2015-03-21 04:47:31.820 Total Hours: 73521.41
2015-03-21 04:47:31.820 Power On Hours: 38151.79
2015-03-21 04:47:31.820 Time of Last Boot: 2014-04-06 02:03:58
2015-03-21 04:47:31.820 Total Number of Boots: 120
2015-03-21 04:47:31.820 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-21 04:47:31.820 Total Number of Re-Syncs: 213
2015-03-21 04:47:31.820 Status Inputs: 00000000
2015-03-21 04:47:31.820 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-21 04:47:31.820 Clock Quality: 100%
2015-03-21 04:47:31.820 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-21 04:47:31.820 Clock Phase: 0 usec. max allowed=50000
2015-03-21 04:47:31.820 Boom positions:
2015-03-21 04:47:31.820 ch1: -3 ch2: 0 ch3: 11 ch4: 20 ch5: 20 ch6: 20
2015-03-21 04:47:31.820 Analog Status
2015-03-21 04:47:31.820 Analog Positive Supply: 5.46V
2015-03-21 04:47:31.820 Input Voltage: 13.20V
2015-03-21 04:47:31.820 System Temperature: 5C
2015-03-21 04:47:31.820 Main Current: 62ma
2015-03-21 04:47:31.820 Antenna Current: 0ma
2015-03-21 04:47:31.820 GPS Status
2015-03-21 04:47:31.820 Time: 04:47:30

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2015-03-21 04:47:31.820 Date:
2015-03-21 04:47:31.820 Fix Type: 1-D
2015-03-21 04:47:31.820 Height:
2015-03-21 04:47:31.820 Latitude:
2015-03-21 04:47:31.820 Longitude:
2015-03-21 04:47:31.820 On Time: 0min
2015-03-21 04:47:31.820 Sat. Used: 0
2015-03-21 04:47:31.820 In View: 0
2015-03-21 04:47:31.820 Checksum Errors: 0
2015-03-21 04:47:31.820 Last GPS timemark: 2015-03-21 04:47:29
2015-03-21 04:47:31.820 PLL Status
2015-03-21 04:47:31.820 State: Lock
2015-03-21 04:47:31.820 Initial VCO: 2202.604736
2015-03-21 04:47:31.820 Time Error: 0.000000
2015-03-21 04:47:31.820 RMS VCO: 0.0000000
2015-03-21 04:47:31.820 Best VCO: 2202.88
2015-03-21 04:47:31.820 Seconds Since Track or Lock: 0.0
2015-03-21 04:47:31.820 Vco Control: 2202
2015-03-21 04:47:31.820 timing mode: external seascan
2015-03-21 04:47:31.820 tempco normal
2015-03-21 04:47:31.820 PLL update: 10s PLL lock criterion: 5us
2015-03-21 04:47:31.820 Pfrac: 150.00
2015-03-21 04:47:31.820 VCO slope: -0.0175000
2015-03-21 04:47:31.820 VCO intercept: 7.1100001
2015-03-21 04:47:31.820 Km delta: 600.0000000
2015-03-21 04:47:31.820 Data Packets Sent: 35618458
2015-03-21 04:47:31.820 Flood Packets Sent: 0
2015-03-21 04:47:31.820 Packets Re-Sent: 55606
2015-03-21 04:47:31.820 Sequence Errors: 0
2015-03-21 04:47:31.820 Packet Buffer Used: 23673436
2015-03-21 04:47:31.820 Physical Port: Ethernet
2015-03-21 04:47:31.820 Baler Model: 14 Software Version: 2.28
2015-03-21 04:47:31.820 MAC Address: 00:04:FB:00:02:EA
2015-03-21 04:47:31.820 Disk Size: 20000669696
2015-03-21 04:47:31.820 Percent of 1177 data files in use: 66.8
2015-03-21 04:47:31.820 Channels Enabled: 1234 Preamps ON channels:
2015-03-21 04:47:31.820 Channel Sensitivities (uV per count):
2015-03-21 04:47:31.820 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-21 04:47:31.820 Digitizer Calibration Results:
2015-03-21 04:47:31.820 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-21 04:47:31.820 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-21 04:47:31.820 DMU1 Software Version=10
2015-03-21 04:47:31.820 Supply voltage=12.7
2015-03-21 04:47:31.820 Supply Current=0.41
2015-03-21 04:47:31.820 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-21 04:47:31.820 WebLink Data Maps Restored
2015-03-21 04:47:31.820 [2015-03-20 16:38:32.000000] sequence resumes: 30119621 to
30119621
2015-03-21 04:47:31.820 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-21 04:47:30
2015-03-21 04:51:00.970 [2015-03-21 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-21 04:53:29.050 Reducing Status Polling Interval
2015-03-21 04:53:29.050 [2015-03-21 04:53:27.999998] total packets received: 60834
2015-03-21 04:53:29.050 [2015-03-21 04:53:27.999998] command timeouts: 6
2015-03-21 04:53:29.050 [2015-03-21 04:53:27.999998] out of window: 64
2015-03-21 04:53:29.050 written: HHZ-1275 HH1-1477 HH2-1501 BDH-461 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-03-21 04:53:29.050 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-30 LH2-29 LDH-37
VMZ-1 VM1-1
2015-03-21 04:53:29.050 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-21 04:53:29.050 [2015-03-21 04:53:27.999998] Done: 4877 recs. seq end:
30163717. run: 354 s

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2015-03-21 16:54:24.860  
 2015-03-21 16:54:24.860 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-21 16:54:24.860 Control Port 2491 Opened  
 2015-03-21 16:54:24.860 Baler ready on Ethernet  
 2015-03-21 16:54:24.860 Power Cycled Baler Acknowledged  
 2015-03-21 16:54:24.860 Commands Accepted by Q330  
 2015-03-21 16:54:24.860 Access timeout: 300 sec  
 2015-03-21 16:54:24.860 Control Port 4023 Opened  
 2015-03-21 16:54:24.860 Data Port 4024 Opened  
 2015-03-21 16:54:24.860 Registered with Q330  
 2015-03-21 16:54:24.860 Combination Record Received  
 2015-03-21 16:54:24.860 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-21 16:54:24.860 Link Reset, starting window sequence: 23986  
 2015-03-21 16:54:24.860 GPS Receiver ID Received  
 2015-03-21 16:54:24.860 Manufacturer's Data Received, Property Tag=2017  
 2015-03-21 16:54:24.860 Digitizer Gain & Offsets Received  
 2015-03-21 16:54:24.860 Msg From 192.168.200.119:Baler XX-2017 readback. 4877 recs.  
 seq end: 30163717  
 2015-03-21 16:54:24.860 Baler clock set to 2015-03-21 16:54:23  
 2015-03-21 16:54:24.860 Starting to Read DP Tokens  
 2015-03-21 16:54:24.860 DP Tokens loaded, size=1474 bytes  
 2015-03-21 16:54:24.860 webserver advertising 192.168.200.119:5380  
 2015-03-21 16:54:24.860 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-21 16:54:24.860 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-21 16:54:24.860 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-21 16:54:24.860 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-21 16:54:24.860 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-21 16:54:24.860 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-21 16:54:24.860 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-21 16:54:24.860 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-21 16:54:24.860 [2015-03-21 04:53:27.999998] continuity found: 30163717  
 480228808.000000 Q=100  
 2015-03-21 16:54:24.860 [2015-03-21 04:53:27.999998] restoring continuity  
 2015-03-21 16:54:24.860 Sending DT\_OPEN  
 2015-03-21 16:54:24.860 Station: XX-2017  
 2015-03-21 16:54:24.860 Q330 Serial Number: 0100000DB18FC351  
 2015-03-21 16:54:24.860 AMB Serial Number: 0100000B6909DD82  
 2015-03-21 16:54:24.860 Seismo 1 Serial Number: 0000000000000000  
 2015-03-21 16:54:24.860 Seismo 2 Serial Number: 0000000000000000  
 2015-03-21 16:54:24.860 QAPCHP 1 Serial Number: 4643206  
 2015-03-21 16:54:24.860 QAPCHP 2 Serial Number: 3743050  
 2015-03-21 16:54:24.860 KMI Property Tag Number: 2017  
 2015-03-21 16:54:24.860 System Software Version: 1.146  
 2015-03-21 16:54:24.860 Slave Processor Version: 1.11  
 2015-03-21 16:54:24.860 Calibrator Type: QCAL330  
 2015-03-21 16:54:24.860 Calibrator Version: 1.8  
 2015-03-21 16:54:24.860 Auxiliary Board Type: None  
 2015-03-21 16:54:24.860 Clock Type: Motorola M12  
 2015-03-21 16:54:24.860 PLD Version: 7.9  
 2015-03-21 16:54:24.860 Total Hours: 73533.52  
 2015-03-21 16:54:24.860 Power On Hours: 38163.91  
 2015-03-21 16:54:24.860 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-21 16:54:24.860 Total Number of Boots: 120  
 2015-03-21 16:54:24.860 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-21 16:54:24.860 Total Number of Re-Syncs: 213  
 2015-03-21 16:54:24.860 Status Inputs: 00000000  
 2015-03-21 16:54:24.860 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-21 16:54:24.860 Clock Quality: 100%  
 2015-03-21 16:54:24.860 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-21 16:54:24.860 Clock Phase: 0 usec. max allowed=50000  
 2015-03-21 16:54:24.860 Boom positions:  
 2015-03-21 16:54:24.860 ch1: -3 ch2: -1 ch3: 13 ch4: 20 ch5: 20 ch6: 20  
 2015-03-21 16:54:24.860 Analog Status

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2015-03-21 16:54:24.860 Analog Positive Supply: 5.46V
2015-03-21 16:54:24.860 Input Voltage: 13.20V
2015-03-21 16:54:24.860 System Temperature: 5C
2015-03-21 16:54:24.860 Main Current: 63ma
2015-03-21 16:54:24.860 Antenna Current: 0ma
2015-03-21 16:54:24.860 GPS Status
2015-03-21 16:54:24.860 Time: 16:54:22
2015-03-21 16:54:24.860 Date:
2015-03-21 16:54:24.860 Fix Type: 1-D
2015-03-21 16:54:24.860 Height:
2015-03-21 16:54:24.860 Latitude:
2015-03-21 16:54:24.860 Longitude:
2015-03-21 16:54:24.860 On Time: 0min
2015-03-21 16:54:24.860 Sat. Used: 0
2015-03-21 16:54:24.860 In View: 0
2015-03-21 16:54:24.860 Checksum Errors: 0
2015-03-21 16:54:24.860 Last GPS timemark: 2015-03-21 16:54:21
2015-03-21 16:54:24.860 PLL Status
2015-03-21 16:54:24.860 State: Lock
2015-03-21 16:54:24.860 Initial VCO: 2202.291016
2015-03-21 16:54:24.860 Time Error: 0.000000
2015-03-21 16:54:24.860 RMS VCO: 0.0000000
2015-03-21 16:54:24.860 Best VCO: 2202.31
2015-03-21 16:54:24.860 Seconds Since Track or Lock: 0.0
2015-03-21 16:54:24.860 Vco Control: 2202
2015-03-21 16:54:24.860 timing mode: external seascan
2015-03-21 16:54:24.860 tempco normal
2015-03-21 16:54:24.860 PLL update: 10s PLL lock criterion: 5us
2015-03-21 16:54:24.860 Pfrac: 150.00
2015-03-21 16:54:24.860 VCO slope: -0.0175000
2015-03-21 16:54:24.860 VCO intercept: 7.1100001
2015-03-21 16:54:24.860 Km delta: 600.0000000
2015-03-21 16:54:24.860 Logical Port 4 Status
2015-03-21 16:54:24.860 Data Packets Sent: 35679196
2015-03-21 16:54:24.860 Flood Packets Sent: 0
2015-03-21 16:54:24.860 Packets Re-Sent: 55684
2015-03-21 16:54:24.860 Sequence Errors: 0
2015-03-21 16:54:24.860 Packet Buffer Used: 23559752
2015-03-21 16:54:24.860 Physical Port: Ethernet
2015-03-21 16:54:24.860 Baler Model: 14 Software Version: 2.28
2015-03-21 16:54:24.860 MAC Address: 00:04:FB:00:02:EA
2015-03-21 16:54:24.860 Disk Size: 20000669696
2015-03-21 16:54:24.860 Percent of 1177 data files in use: 66.8
2015-03-21 16:54:24.860 Channels Enabled: 1234 Preamps ON channels:
2015-03-21 16:54:24.860 Channel Sensitivities (uV per count):
2015-03-21 16:54:24.860 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-21 16:54:24.860 Digitizer Calibration Results:
2015-03-21 16:54:24.860 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-21 16:54:24.860 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-21 16:54:24.860 DMU1 Software Version=10
2015-03-21 16:54:24.860 Supply Voltage=12.5
2015-03-21 16:54:24.860 Supply Current=0.42
2015-03-21 16:54:24.860 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-21 16:54:24.860 webLink Data Maps Restored
2015-03-21 16:54:24.860 [2015-03-21 04:53:27.999998] sequence resumes: 30163717 to
30163717
2015-03-21 16:54:24.860 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-21 16:54:23
2015-03-21 17:00:24.670 Reducing Status Polling Interval
2015-03-21 17:00:24.670 [2015-03-21 17:00:23.000000] total packets received: 62670
2015-03-21 17:00:24.670 [2015-03-21 17:00:23.000000] command timeouts: 6
2015-03-21 17:00:24.670 [2015-03-21 17:00:23.000000] out of window: 62
2015-03-21 17:00:24.670 written: HHZ-1251 HH1-1487 HH2-1500 BDH-458 VEP-2 VEC-1

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VEA-2 VKI-2 VCO-2  
 2015-03-21 17:00:24.670 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-34 LH2-35 LDH-43  
 VMZ-1 VM1-1  
 2015-03-21 17:00:24.670 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-03-21 17:00:24.670 [2015-03-21 17:00:23.000000] Done: 4876 recs. seq end:  
 30207332. run: 357 s  
 2015-03-22 05:01:19.820  
 2015-03-22 05:01:19.820 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-22 05:01:19.820 Control Port 2491 Opened  
 2015-03-22 05:01:19.820 Baler ready on Ethernet  
 2015-03-22 05:01:19.820 Power Cycled Baler Acknowledged  
 2015-03-22 05:01:19.820 Commands Accepted by Q330  
 2015-03-22 05:01:19.820 Access timeout: 300 sec  
 2015-03-22 05:01:19.820 Control Port 4023 Opened  
 2015-03-22 05:01:19.820 Data Port 4024 Opened  
 2015-03-22 05:01:19.820 Registered with Q330  
 2015-03-22 05:01:19.820 Combination Record Received  
 2015-03-22 05:01:19.820 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-22 05:01:19.820 Link Reset, starting window sequence: 21021  
 2015-03-22 05:01:19.820 GPS Receiver ID Received  
 2015-03-22 05:01:19.820 Manufacturer's Data Received, Property Tag=2017  
 2015-03-22 05:01:19.820 Digitizer Gain & Offsets Received  
 2015-03-22 05:01:19.820 Msg From 192.168.200.119:Baler XX-2017 readback. 4876 recs.  
 seq end: 30207332  
 2015-03-22 05:01:19.820 Baler clock set to 2015-03-22 05:01:18  
 2015-03-22 05:01:19.820 Starting to Read DP Tokens  
 2015-03-22 05:01:19.820 DP Tokens loaded, size=1474 bytes  
 2015-03-22 05:01:19.820 webserver advertising 192.168.200.119:5380  
 2015-03-22 05:01:19.820 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-22 05:01:19.820 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-22 05:01:19.820 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-22 05:01:19.820 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-22 05:01:19.820 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-22 05:01:19.820 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-22 05:01:19.820 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-22 05:01:19.820 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-22 05:01:19.820 [2015-03-21 17:00:23.000000] continuity found: 30207332  
 480272423.000000 Q=100  
 2015-03-22 05:01:19.820 [2015-03-21 17:00:23.000000] restoring continuity  
 2015-03-22 05:01:19.820 Sending DT\_OPEN  
 2015-03-22 05:01:19.820 Station: XX-2017  
 2015-03-22 05:01:19.820 Q330 Serial Number: 0100000DB18FC351  
 2015-03-22 05:01:19.820 AMB Serial Number: 0100000B6909DD82  
 2015-03-22 05:01:19.820 Seismo 1 Serial Number: 0000000000000000  
 2015-03-22 05:01:19.820 Seismo 2 Serial Number: 0000000000000000  
 2015-03-22 05:01:19.820 QAPCHP 1 Serial Number: 4643206  
 2015-03-22 05:01:19.820 QAPCHP 2 Serial Number: 3743050  
 2015-03-22 05:01:19.820 System Software Version: 1.146  
 2015-03-22 05:01:19.820 Slave Processor Version: 1.11  
 2015-03-22 05:01:19.820 Calibrator Type: QCAL330  
 2015-03-22 05:01:19.820 Calibrator Version: 1.8  
 2015-03-22 05:01:19.820 Auxiliary Board Type: None  
 2015-03-22 05:01:19.820 Clock Type: Motorola M12  
 2015-03-22 05:01:19.820 PLD Version: 7.9  
 2015-03-22 05:01:19.820 Total Hours: 73545.64  
 2015-03-22 05:01:19.820 Power On Hours: 38176.02  
 2015-03-22 05:01:19.820 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-22 05:01:19.820 Total Number of Boots: 120  
 2015-03-22 05:01:19.820 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-22 05:01:19.820 Total Number of Re-Syncs: 213  
 2015-03-22 05:01:19.820 Status Inputs: 00000000  
 2015-03-22 05:01:19.820 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-22 05:01:19.820 Clock Quality: 100%

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2015-03-22 05:01:19.820 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-22 05:01:19.820 Clock Phase: 0 usec. max allowed=50000
2015-03-22 05:01:19.820 Boom positions:
2015-03-22 05:01:19.820 ch1: -3 ch2: -1 ch3: 13 ch4: 20 ch5: 20 ch6: 20
2015-03-22 05:01:19.820 Analog Status
2015-03-22 05:01:19.820 Analog Positive Supply: 5.46V
2015-03-22 05:01:19.820 Input Voltage: 13.20V
2015-03-22 05:01:19.820 System Temperature: 5C
2015-03-22 05:01:19.820 Main Current: 62ma
2015-03-22 05:01:19.820 Antenna Current: 0ma
2015-03-22 05:01:19.820 GPS Status
2015-03-22 05:01:19.820 Time: 05:01:18
2015-03-22 05:01:19.820 Date:
2015-03-22 05:01:19.820 Fix Type: 1-D
2015-03-22 05:01:19.820 Height:
2015-03-22 05:01:19.820 Latitude:
2015-03-22 05:01:19.820 Longitude:
2015-03-22 05:01:19.820 On Time: 0min
2015-03-22 05:01:19.820 Sat. Used: 0
2015-03-22 05:01:19.820 In View: 0
2015-03-22 05:01:19.820 Checksum Errors: 0
2015-03-22 05:01:19.820 Last GPS timemark: 2015-03-22 05:01:17
2015-03-22 05:01:19.820 PLL Status
2015-03-22 05:01:19.820 State: Lock
2015-03-22 05:01:19.820 Initial VCO: 2202.164551
2015-03-22 05:01:19.820 Time Error: 0.000000
2015-03-22 05:01:19.820 RMS VCO: 0.0000000
2015-03-22 05:01:19.820 Best VCO: 2202.05
2015-03-22 05:01:19.820 Seconds Since Track or Lock: 0.0
2015-03-22 05:01:19.820 Vco Control: 2202
2015-03-22 05:01:19.820 timing mode: external seascan
2015-03-22 05:01:19.820 tempco normal
2015-03-22 05:01:19.820 PLL update: 10s PLL lock criterion: 5us
2015-03-22 05:01:19.820 Pfrac: 150.00
2015-03-22 05:01:19.820 VCO slope: -0.0175000
2015-03-22 05:01:19.820 VCO intercept: 7.1100001
2015-03-22 05:01:19.820 Km delta: 600.0000000
2015-03-22 05:01:19.820 Logical Port 4 Status
2015-03-22 05:01:19.820 Data Packets Sent: 35741772
2015-03-22 05:01:19.820 Flood Packets Sent: 0
2015-03-22 05:01:19.820 Packets Re-Sent: 55762
2015-03-22 05:01:19.820 Sequence Errors: 0
2015-03-22 05:01:19.820 Packet Buffer Used: 22385828
2015-03-22 05:01:19.820 Physical Port: Ethernet
2015-03-22 05:01:19.820 Baler Model: 14 Software Version: 2.28
2015-03-22 05:01:19.820 MAC Address: 00:04:FB:00:02:EA
2015-03-22 05:01:19.820 Disk Size: 20000669696
2015-03-22 05:01:19.820 Percent of 1177 data files in use: 66.9
2015-03-22 05:01:19.820 Channels Enabled: 1234 Preamps ON channels:
2015-03-22 05:01:19.820 Channel Sensitivities (uV per count):
2015-03-22 05:01:19.820 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-22 05:01:19.820 Digitizer Calibration Results:
2015-03-22 05:01:19.820 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-22 05:01:19.820 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-22 05:01:19.820 DMU1 Software Version=10
2015-03-22 05:01:19.820 Supply Voltage=12.6
2015-03-22 05:01:19.820 Supply Current=0.41
2015-03-22 05:01:19.820 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-22 05:01:19.820 WebLink Data Maps Restored
2015-03-22 05:01:19.820 [2015-03-21 17:00:23.000000] sequence resumes: 30207332 to
30207332
2015-03-22 05:01:19.820 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-03-22 05:01:18

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2015-03-22 05:04:33.600 [2015-03-22 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-22 05:06:57.060 Reducing Status Polling Interval
2015-03-22 05:06:57.060 [2015-03-22 05:06:56.999998] total packets received: 48190
2015-03-22 05:06:57.060 [2015-03-22 05:06:56.999998] command timeouts: 6
2015-03-22 05:06:57.060 [2015-03-22 05:06:56.999998] out of window: 53
2015-03-22 05:06:57.060 written: HHZ-1179 HH1-1396 HH2-1398 BDH-448 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-22 05:06:57.060 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-26 LDH-33
VMZ-2 VM1-2
2015-03-22 05:06:57.060 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-22 05:06:57.060 [2015-03-22 05:06:56.999998] Done: 4576 recs. seq end:
30250926. run: 333 s
2015-03-22 17:07:51.880
2015-03-22 17:07:51.880 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-22 17:07:51.880 Control Port 2491 Opened
2015-03-22 17:07:51.880 Baler ready on Ethernet
2015-03-22 17:07:51.880 Power Cycled Baler Acknowledged
2015-03-22 17:07:51.880 Commands Accepted by Q330
2015-03-22 17:07:51.880 Access timeout: 300 sec
2015-03-22 17:07:51.880 Control Port 4023 Opened
2015-03-22 17:07:51.880 Data Port 4024 Opened
2015-03-22 17:07:51.880 Registered with Q330
2015-03-22 17:07:51.880 Combination Record Received
2015-03-22 17:07:51.880 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-22 17:07:51.880 Link Reset, starting window sequence: 3586
2015-03-22 17:07:51.880 GPS Receiver ID Received
2015-03-22 17:07:51.880 Manufacturer's Data Received, Property Tag=2017
2015-03-22 17:07:51.880 Digitizer Gain & Offsets Received
2015-03-22 17:07:51.880 Msg From 192.168.200.119:Baler XX-2017 readback. 4576 recs.
seq end: 30250926
2015-03-22 17:07:51.880 Baler clock set to 2015-03-22 17:07:50
2015-03-22 17:07:51.880 Starting to Read DP Tokens
2015-03-22 17:07:51.880 DP Tokens loaded, size=1474 bytes
2015-03-22 17:07:51.880 webserver advertising 192.168.200.119:5380
2015-03-22 17:07:51.880 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-22 17:07:51.880 filters & delay HH1:2@100,Linear all=0.320000
2015-03-22 17:07:51.880 filters & delay HH2:3@100,Linear all=0.320000
2015-03-22 17:07:51.880 filters & delay BDH:4@20,Linear all=1.650000
2015-03-22 17:07:51.880 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-22 17:07:51.880 filters & delay LH1:2@1,Linear all=15.000000
2015-03-22 17:07:51.880 filters & delay LH2:3@1,Linear all=15.000000
2015-03-22 17:07:51.880 filters & delay LDH:4@1,Linear all=15.000000
2015-03-22 17:07:51.880 [2015-03-22 05:06:56.999998] continuity found: 30250926
480316017.000000 Q=100
2015-03-22 17:07:51.880 [2015-03-22 05:06:56.999998] restoring continuity
2015-03-22 17:07:51.880 Sending DT_OPEN
2015-03-22 17:07:51.880 Station: XX-2017
2015-03-22 17:07:51.880 Q330 Serial Number: 0100000DB18FC351
2015-03-22 17:07:51.880 AMB Serial Number: 0100000B6909DD82
2015-03-22 17:07:51.880 Seismo 1 Serial Number: 0000000000000000
2015-03-22 17:07:51.880 Seismo 2 Serial Number: 0000000000000000
2015-03-22 17:07:51.880 QAPCHP 1 Serial Number: 4643206
2015-03-22 17:07:51.880 QAPCHP 2 Serial Number: 3743050
2015-03-22 17:07:51.880 KMI Property Tag Number: 2017
2015-03-22 17:07:51.880 System Software Version: 1.146
2015-03-22 17:07:51.880 Slave Processor Version: 1.11
2015-03-22 17:07:51.880 Calibrator Type: QCAL330
2015-03-22 17:07:51.880 Calibrator Version: 1.8
2015-03-22 17:07:51.880 Auxiliary Board Type: None
2015-03-22 17:07:51.880 Clock Type: Motorola M12
2015-03-22 17:07:51.880 PLD Version: 7.9
2015-03-22 17:07:51.880 Total Hours: 73557.75

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2015-03-22 17:07:51.880 Power On Hours: 38188.13  
 2015-03-22 17:07:51.880 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-22 17:07:51.880 Total Number of Boots: 120  
 2015-03-22 17:07:51.880 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-22 17:07:51.880 Total Number of Re-Syncs: 213  
 2015-03-22 17:07:51.880 Status Inputs: 00000000  
 2015-03-22 17:07:51.880 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-22 17:07:51.880 Clock Quality: 100%  
 2015-03-22 17:07:51.880 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-22 17:07:51.880 Clock Phase: 0 usec. max allowed=50000  
 2015-03-22 17:07:51.880 Boom positions:  
 2015-03-22 17:07:51.880 Ch1: -3 Ch2: -1 Ch3: 13 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-22 17:07:51.880 Analog Status  
 2015-03-22 17:07:51.880 Analog Positive Supply: 5.46v  
 2015-03-22 17:07:51.880 Input Voltage: 13.20V  
 2015-03-22 17:07:51.880 System Temperature: 5C  
 2015-03-22 17:07:51.880 Main Current: 62ma  
 2015-03-22 17:07:51.880 Antenna Current: 0ma  
 2015-03-22 17:07:51.880 GPS Status  
 2015-03-22 17:07:51.880 Time: 17:07:50  
 2015-03-22 17:07:51.880 Date:  
 2015-03-22 17:07:51.880 Fix Type: 1-D  
 2015-03-22 17:07:51.880 Height:  
 2015-03-22 17:07:51.880 Latitude:  
 2015-03-22 17:07:51.880 Longitude:  
 2015-03-22 17:07:51.880 On Time: 0min  
 2015-03-22 17:07:51.880 Sat. Used: 0  
 2015-03-22 17:07:51.880 In View: 0  
 2015-03-22 17:07:51.880 Checksum Errors: 0  
 2015-03-22 17:07:51.880 Last GPS timemark: 2015-03-22 17:07:49  
 2015-03-22 17:07:51.880 PLL Status  
 2015-03-22 17:07:51.880 State: Lock  
 2015-03-22 17:07:51.880 Initial VCO: 2201.959229  
 2015-03-22 17:07:51.880 Time Error: 0.000000  
 2015-03-22 17:07:51.880 RMS VCO: 0.000000  
 2015-03-22 17:07:51.880 Best VCO: 2202.24  
 2015-03-22 17:07:51.880 Seconds Since Track or Lock: 0.0  
 2015-03-22 17:07:51.880 Vco Control: 2201  
 2015-03-22 17:07:51.880 timing mode: external seascan  
 2015-03-22 17:07:51.880 tempco normal  
 2015-03-22 17:07:51.880 PLL update: 10s PLL lock criterion: 5us  
 2015-03-22 17:07:51.880 Pfrac: 150.00  
 2015-03-22 17:07:51.880 VCO slope: -0.0175000  
 2015-03-22 17:07:51.880 VCO intercept: 7.1100001  
 2015-03-22 17:07:51.880 Km delta: 600.000000  
 2015-03-22 17:07:51.880 Logical Port 4 Status  
 2015-03-22 17:07:51.880 Data Packets Sent: 35789878  
 2015-03-22 17:07:51.880 Flood Packets Sent: 0  
 2015-03-22 17:07:51.880 Packets Re-Sent: 55833  
 2015-03-22 17:07:51.880 Sequence Errors: 0  
 2015-03-22 17:07:51.880 Packet Buffer Used: 21550356  
 2015-03-22 17:07:51.880 Physical Port: Ethernet  
 2015-03-22 17:07:51.880 Baler Model: 14 Software Version: 2.28  
 2015-03-22 17:07:51.880 MAC Address: 00:04:FB:00:02:EA  
 2015-03-22 17:07:51.880 Disk Size: 20000669696  
 2015-03-22 17:07:51.880 Percent of 1177 data files in use: 67.0  
 2015-03-22 17:07:51.880 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-22 17:07:51.880 Channel Sensitivities (uV per count):  
 2015-03-22 17:07:51.880 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-22 17:07:51.880 Digitizer Calibration Results:  
 2015-03-22 17:07:51.880 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-22 17:07:51.880 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-22 17:07:51.880 DMU1 Software Version=10

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2015-03-22 17:07:51.880 Supply Voltage=12.6  
 2015-03-22 17:07:51.880 Supply Current=0.41  
 2015-03-22 17:07:51.880 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-22 17:07:51.880 WebLink Data Maps Restored  
 2015-03-22 17:07:51.880 [2015-03-22 05:06:56.999998] sequence resumes: 30250926 to 30250926  
 2015-03-22 17:07:51.880 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-22 17:07:50  
 2015-03-22 17:12:52.980 Reducing Status Polling Interval  
 2015-03-22 17:12:52.980 [2015-03-22 17:10:22.999998] total packets received: 44355  
 2015-03-22 17:12:52.980 [2015-03-22 17:10:22.999998] command timeouts: 6  
 2015-03-22 17:12:52.980 [2015-03-22 17:10:22.999998] out of window: 60  
 2015-03-22 17:12:52.980 written: HHZ-1131 HH1-1300 HH2-1333 BDH-434 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-03-22 17:12:52.980 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-03-22 17:12:52.980 [2015-03-22 17:10:22.999998] Done: 4335 recs. seq end: 30294332. run: 317 s  
 2015-03-23 05:14:07.840  
 2015-03-23 05:14:07.840 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-23 05:14:07.840 Control Port 2491 Opened  
 2015-03-23 05:14:07.840 Baler ready on Ethernet  
 2015-03-23 05:14:07.840 Power Cycled Baler Acknowledged  
 2015-03-23 05:14:07.840 Commands Accepted by Q330  
 2015-03-23 05:14:07.840 Access timeout: 300 sec  
 2015-03-23 05:14:07.840 Control Port 4023 Opened  
 2015-03-23 05:14:07.840 Data Port 4024 Opened  
 2015-03-23 05:14:07.840 Registered with Q330  
 2015-03-23 05:14:07.840 Combination Record Received  
 2015-03-23 05:14:07.840 window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-23 05:14:07.840 Link Reset, starting window sequence: 47843  
 2015-03-23 05:14:07.840 GPS Receiver ID Received  
 2015-03-23 05:14:07.840 Manufacturer's Data Received, Property Tag=2017  
 2015-03-23 05:14:07.840 Digitizer Gain & Offsets Received  
 2015-03-23 05:14:07.840 Msg From 192.168.200.119:Baler XX-2017 readback. 4335 recs. seq end: 30294332  
 2015-03-23 05:14:07.840 Baler clock set to 2015-03-23 05:14:06  
 2015-03-23 05:14:07.840 Starting to Read DP Tokens  
 2015-03-23 05:14:07.840 DP Tokens loaded, size=1474 bytes  
 2015-03-23 05:14:07.840 Webserver advertising 192.168.200.119:5380  
 2015-03-23 05:14:07.840 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-23 05:14:07.840 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-23 05:14:07.840 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-23 05:14:07.840 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-23 05:14:07.840 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-23 05:14:07.840 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-23 05:14:07.840 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-23 05:14:07.840 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-23 05:14:07.840 [2015-03-22 17:10:22.999998] continuity found: 30294332  
 480359423.000000 Q=100  
 2015-03-23 05:14:07.840 [2015-03-22 17:10:22.999998] restoring continuity  
 2015-03-23 05:14:07.840 Sending DT\_OPEN  
 2015-03-23 05:14:07.840 Station: XX-2017  
 2015-03-23 05:14:07.840 Q330 Serial Number: 0100000DB18FC351  
 2015-03-23 05:14:07.840 AMB Serial Number: 0100000B6909DD82  
 2015-03-23 05:14:07.840 Seismo 1 Serial Number: 0000000000000000  
 2015-03-23 05:14:07.840 Seismo 2 Serial Number: 0000000000000000  
 2015-03-23 05:14:07.840 QAPCHP 1 Serial Number: 4643206  
 2015-03-23 05:14:07.840 QAPCHP 2 Serial Number: 3743050  
 2015-03-23 05:14:07.840 KMI Property Tag Number: 2017  
 2015-03-23 05:14:07.840 System Software Version: 1.146  
 2015-03-23 05:14:07.840 Slave Processor Version: 1.11  
 2015-03-23 05:14:07.840 Calibrator Type: QCAL330  
 2015-03-23 05:14:07.840 Calibrator Version: 1.8

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2015-03-23 05:14:07.840 Auxiliary Board Type: None  
 2015-03-23 05:14:07.840 Clock Type: Motorola M12  
 2015-03-23 05:14:07.840 PLD Version: 7.9  
 2015-03-23 05:14:07.840 Total Hours: 73569.85  
 2015-03-23 05:14:07.840 Power On Hours: 38200.24  
 2015-03-23 05:14:07.840 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-23 05:14:07.840 Total Number of Boots: 120  
 2015-03-23 05:14:07.840 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-23 05:14:07.840 Total Number of Re-Syncs: 213  
 2015-03-23 05:14:07.840 Status Inputs: 00000000  
 2015-03-23 05:14:07.840 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-23 05:14:07.840 Clock Quality: 100%  
 2015-03-23 05:14:07.840 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-23 05:14:07.840 Clock Phase: 0 usec. max allowed=50000  
 2015-03-23 05:14:07.840 Boom positions:  
 2015-03-23 05:14:07.840 ch1: -3 ch2: -2 ch3: 14 ch4: 20 ch5: 20 ch6: 20  
 2015-03-23 05:14:07.840 Analog Status  
 2015-03-23 05:14:07.840 Analog Positive Supply: 5.46V  
 2015-03-23 05:14:07.840 Input Voltage: 13.20V  
 2015-03-23 05:14:07.840 System Temperature: 5C  
 2015-03-23 05:14:07.840 Main Current: 62ma  
 2015-03-23 05:14:07.840 Antenna Current: 0ma  
 2015-03-23 05:14:07.840 GPS Status  
 2015-03-23 05:14:07.840 Time: 05:14:06  
 2015-03-23 05:14:07.840 Date:  
 2015-03-23 05:14:07.840 Fix Type: 1-D  
 2015-03-23 05:14:07.840 Height:  
 2015-03-23 05:14:07.840 Latitude:  
 2015-03-23 05:14:07.840 Longitude:  
 2015-03-23 05:14:07.840 On Time: 0min  
 2015-03-23 05:14:07.840 Sat. Used: 0  
 2015-03-23 05:14:07.840 In View: 0  
 2015-03-23 05:14:07.840 Checksum Errors: 0  
 2015-03-23 05:14:07.840 Last GPS timemark: 2015-03-23 05:14:05  
 2015-03-23 05:14:07.840 PLL Status  
 2015-03-23 05:14:07.840 State: Lock  
 2015-03-23 05:14:07.840 Initial VCO: 2202.063232  
 2015-03-23 05:14:07.840 Time Error: 0.000000  
 2015-03-23 05:14:07.840 RMS VCO: 0.0000000  
 2015-03-23 05:14:07.840 Best VCO: 2202.07  
 2015-03-23 05:14:07.840 Seconds Since Track or Lock: 0.0  
 2015-03-23 05:14:07.840 Vco Control: 2202  
 2015-03-23 05:14:07.840 timing mode: external seascan  
 2015-03-23 05:14:07.840 tempco normal  
 2015-03-23 05:14:07.840 PLL update: 10s PLL lock criterion: 5us  
 2015-03-23 05:14:07.840 Pfrac: 150.00  
 2015-03-23 05:14:07.840 VCO slope: -0.0175000  
 2015-03-23 05:14:07.840 VCO intercept: 7.1100001  
 2015-03-23 05:14:07.840 km delta: 600.0000000  
 2015-03-23 05:14:07.840 Logical Port 4 Status  
 2015-03-23 05:14:07.840 Data Packets Sent: 35834140  
 2015-03-23 05:14:07.840 Flood Packets Sent: 0  
 2015-03-23 05:14:07.840 Packets Re-Sent: 55916  
 2015-03-23 05:14:07.840 Sequence Errors: 0  
 2015-03-23 05:14:07.840 Packet Buffer Used: 21552512  
 2015-03-23 05:14:07.840 Physical Port: Ethernet  
 2015-03-23 05:14:07.840 Baler Model: 14 Software Version: 2.28  
 2015-03-23 05:14:07.840 MAC Address: 00:04:FB:00:02:EA  
 2015-03-23 05:14:07.840 Disk Size: 20000669696  
 2015-03-23 05:14:07.840 Percent of 1177 data files in use: 67.0  
 2015-03-23 05:14:07.840 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-23 05:14:07.840 Channel sensitivities (uV per count):  
 2015-03-23 05:14:07.840 1:2.3840 2:2.3840 3:2.3840 4:2.3840

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2015-03-23 05:14:07.840 Digitizer Calibration Results:
2015-03-23 05:14:07.840 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-23 05:14:07.840 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-23 05:14:07.840 DMU1 Software Version=10
2015-03-23 05:14:07.840 Supply Voltage=12.6
2015-03-23 05:14:07.840 Supply Current=0.41
2015-03-23 05:14:07.840 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-23 05:14:07.840 WebLink Data Maps Restored
2015-03-23 05:14:07.840 [2015-03-22 17:10:22.999998] sequence resumes: 30294332 to
30294332
2015-03-23 05:14:07.840 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-23 05:14:06
2015-03-23 05:17:10.520 [2015-03-23 00:00:00.000000] saving Configuration to Backup
Memory
2015-03-23 05:19:37.730 [2015-03-23 05:17:49.000000] total packets received: 43974
2015-03-23 05:19:37.730 [2015-03-23 05:17:49.000000] command timeouts: 6
2015-03-23 05:19:37.730 [2015-03-23 05:17:49.000000] out of window: 65
2015-03-23 05:19:37.730 written: HHZ-1134 HH1-1301 HH2-1337 BDH-434 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-23 05:19:37.730 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-1 VM1-1
2015-03-23 05:19:37.730 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-23 05:19:37.730 [2015-03-23 05:17:49.000000] Done: 4350 recs. seq end:
30337978. run: 325 s
2015-03-23 17:20:31.830
2015-03-23 17:20:31.830 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-23 17:20:31.830 Control Port 2491 Opened
2015-03-23 17:20:31.830 Baler ready on Ethernet
2015-03-23 17:20:31.830 Power Cycled Baler Acknowledged
2015-03-23 17:20:31.830 Commands Accepted by Q330
2015-03-23 17:20:31.830 Access timeout: 300 sec
2015-03-23 17:20:31.830 Control Port 4023 Opened
2015-03-23 17:20:31.830 Data Port 4024 Opened
2015-03-23 17:20:31.830 Registered with Q330
2015-03-23 17:20:31.830 Combination Record Received
2015-03-23 17:20:31.830 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-23 17:20:31.830 Link Reset, starting window sequence: 26181
2015-03-23 17:20:31.830 GPS Receiver ID Received
2015-03-23 17:20:31.830 Manufacturer's Data Received, Property Tag=2017
2015-03-23 17:20:31.830 Digitizer Gain & Offsets Received
2015-03-23 17:20:31.830 Msg From 192.168.200.119:Baler XX-2017 readback. 4350 recs.
seq end: 30337978
2015-03-23 17:20:31.830 Baler clock set to 2015-03-23 17:20:30
2015-03-23 17:20:31.830 Starting to Read DP Tokens
2015-03-23 17:20:31.830 DP Tokens loaded, size=1474 bytes
2015-03-23 17:20:31.830 webserver advertising 192.168.200.119:5380
2015-03-23 17:20:31.830 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-23 17:20:31.830 filters & delay HH1:2@100,Linear all=0.320000
2015-03-23 17:20:31.830 filters & delay HH2:3@100,Linear all=0.320000
2015-03-23 17:20:31.830 filters & delay BDH:4@20,Linear all=1.650000
2015-03-23 17:20:31.830 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-23 17:20:31.830 filters & delay LH1:2@1,Linear all=15.000000
2015-03-23 17:20:31.830 filters & delay LH2:3@1,Linear all=15.000000
2015-03-23 17:20:31.830 filters & delay LDH:4@1,Linear all=15.000000
2015-03-23 17:20:31.830 [2015-03-23 05:17:49.000000] continuity found: 30337978
480403069.000000 Q=100
2015-03-23 17:20:31.830 [2015-03-23 05:17:49.000000] restoring continuity
2015-03-23 17:20:31.830 Sending DT_OPEN
2015-03-23 17:20:31.830 Station: XX-2017
2015-03-23 17:20:31.830 Q330 Serial Number: 0100000DB18FC351
2015-03-23 17:20:31.830 AMB Serial Number: 0100000B6909DD82
2015-03-23 17:20:31.830 Seismo 1 Serial Number: 0000000000000000
2015-03-23 17:20:31.830 Seismo 2 Serial Number: 0000000000000000

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2015-03-23 17:20:31.830 QAPCHP 1 Serial Number: 4643206  
 2015-03-23 17:20:31.830 QAPCHP 2 Serial Number: 3743050  
 2015-03-23 17:20:31.830 KMI Property Tag Number: 2017  
 2015-03-23 17:20:31.830 System Software Version: 1.146  
 2015-03-23 17:20:31.830 Slave Processor Version: 1.11  
 2015-03-23 17:20:31.830 Calibrator Type: QCAL330  
 2015-03-23 17:20:31.830 Calibrator Version: 1.8  
 2015-03-23 17:20:31.830 Auxiliary Board Type: None  
 2015-03-23 17:20:31.830 Clock Type: Motorola M12  
 2015-03-23 17:20:31.830 PLD Version: 7.9  
 2015-03-23 17:20:31.830 Total Hours: 73581.96  
 2015-03-23 17:20:31.830 Power On Hours: 38212.34  
 2015-03-23 17:20:31.830 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-23 17:20:31.830 Total Number of Boots: 120  
 2015-03-23 17:20:31.830 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-23 17:20:31.830 Total Number of Re-Syncs: 213  
 2015-03-23 17:20:31.830 Status Inputs: 00000000  
 2015-03-23 17:20:31.830 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-23 17:20:31.830 Clock Quality: 100%  
 2015-03-23 17:20:31.830 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-23 17:20:31.830 Clock Phase: 0 usec. max allowed=50000  
 2015-03-23 17:20:31.830 Boom positions:  
 2015-03-23 17:20:31.830 ch1: -3 ch2: -2 ch3: 14 ch4: 20 ch5: 20 ch6: 20  
 2015-03-23 17:20:31.830 Analog Status  
 2015-03-23 17:20:31.830 Analog Positive Supply: 5.46V  
 2015-03-23 17:20:31.830 Input Voltage: 13.20V  
 2015-03-23 17:20:31.830 System Temperature: 5C  
 2015-03-23 17:20:31.830 Main Current: 61ma  
 2015-03-23 17:20:31.830 Antenna Current: 0ma  
 2015-03-23 17:20:31.830 GPS Status  
 2015-03-23 17:20:31.830 Time: 17:20:30  
 2015-03-23 17:20:31.830 Date:  
 2015-03-23 17:20:31.830 Fix Type: 1-D  
 2015-03-23 17:20:31.830 Height:  
 2015-03-23 17:20:31.830 Latitude:  
 2015-03-23 17:20:31.830 Longitude:  
 2015-03-23 17:20:31.830 On Time: 0min  
 2015-03-23 17:20:31.830 Sat. Used: 0  
 2015-03-23 17:20:31.830 In View: 0  
 2015-03-23 17:20:31.830 Checksum Errors: 0  
 2015-03-23 17:20:31.830 Last GPS timemark: 2015-03-23 17:20:29  
 2015-03-23 17:20:31.830 State: Lock  
 2015-03-23 17:20:31.830 Initial VCO: 2201.134033  
 2015-03-23 17:20:31.830 Time Error: 0.000000  
 2015-03-23 17:20:31.830 RMS VCO: 0.0000000  
 2015-03-23 17:20:31.830 Best VCO: 2201.10  
 2015-03-23 17:20:31.830 Seconds Since Track or Lock: 0.0  
 2015-03-23 17:20:31.830 Vco Control: 2201  
 2015-03-23 17:20:31.830 timing mode: external seascan  
 2015-03-23 17:20:31.830 tempco normal  
 2015-03-23 17:20:31.830 PLL update: 10s PLL lock criterion: 5us  
 2015-03-23 17:20:31.830 Pfrac: 150.00  
 2015-03-23 17:20:31.830 VCO slope: -0.0175000  
 2015-03-23 17:20:31.830 VCO intercept: 7.1100001  
 2015-03-23 17:20:31.830 km delta: 600.0000000  
 2015-03-23 17:20:31.830 Logical Port 4 Status  
 2015-03-23 17:20:31.830 Data Packets Sent: 35878019  
 2015-03-23 17:20:31.830 Flood Packets Sent: 0  
 2015-03-23 17:20:31.830 Packets Re-Sent: 56006  
 2015-03-23 17:20:31.830 Sequence Errors: 0  
 2015-03-23 17:20:31.830 Packet Buffer Used: 21543308  
 2015-03-23 17:20:31.830 Physical Port: Ethernet  
 2015-03-23 17:20:31.830 Baler Model: 14 Software Version: 2.28

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2015-03-23 17:20:31.830 MAC Address: 00:04:FB:00:02:EA
2015-03-23 17:20:31.830 Disk Size: 20000669696
2015-03-23 17:20:31.830 Percent of 1177 data files in use: 67.1
2015-03-23 17:20:31.830 Channels Enabled: 1234 Preamps ON channels:
2015-03-23 17:20:31.830 Channel Sensitivities (uV per count):
2015-03-23 17:20:31.830 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-23 17:20:31.830 Digitizer Calibration Results:
2015-03-23 17:20:31.830 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-23 17:20:31.830 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-23 17:20:31.830 DMU1 Software Version=10
2015-03-23 17:20:31.830 Supply Voltage=12.7
2015-03-23 17:20:31.830 Supply Current=0.41
2015-03-23 17:20:31.830 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-23 17:20:31.830 WebLink Data Maps Restored
2015-03-23 17:20:31.830 [2015-03-23 05:17:49.000000] sequence resumes: 30337978 to
30337978
2015-03-23 17:20:31.830 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-23 17:20:30
2015-03-23 17:25:49.950 Reducing Status Polling Interval
2015-03-23 17:25:49.950 [2015-03-23 17:25:49.000000] total packets received: 43907
2015-03-23 17:25:49.950 [2015-03-23 17:25:49.000000] command timeouts: 6
2015-03-23 17:25:49.950 [2015-03-23 17:25:49.000000] out of window: 43
2015-03-23 17:25:49.950 written: HHZ-1132 HH1-1315 HH2-1325 BDH-440 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-23 17:25:49.950 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-23 LH1-25 LH2-24 LDH-24
VMZ-2 VM1-2
2015-03-23 17:25:49.950 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-23 17:25:49.950 [2015-03-23 17:25:49.000000] Done: 4352 recs. seq end:
30381658. run: 315 s
2015-03-24 05:26:47.850
2015-03-24 05:26:47.850 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-24 05:26:47.850 Control Port 2491 Opened
2015-03-24 05:26:47.850 Baler ready on Ethernet
2015-03-24 05:26:47.850 Power Cycled Baler Acknowledged
2015-03-24 05:26:47.850 Commands Accepted by Q330
2015-03-24 05:26:47.850 Access timeout: 300 sec
2015-03-24 05:26:47.850 Control Port 4023 Opened
2015-03-24 05:26:47.850 Data Port 4024 Opened
2015-03-24 05:26:47.850 Registered with Q330
2015-03-24 05:26:47.850 Combination Record Received
2015-03-24 05:26:47.850 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-24 05:26:47.850 Link Reset, starting window sequence: 4474
2015-03-24 05:26:47.850 GPS Receiver ID Received
2015-03-24 05:26:47.850 Manufacturer's Data Received, Property Tag=2017
2015-03-24 05:26:47.850 Digitizer Gain & Offsets Received
2015-03-24 05:26:47.850 Msg From 192.168.200.119:Baler XX-2017 readback. 4352 recs.
seq end: 30381658
2015-03-24 05:26:47.850 Baler clock set to 2015-03-24 05:26:46
2015-03-24 05:26:47.850 Starting to Read DP Tokens
2015-03-24 05:26:47.850 DP Tokens loaded, size=1474 bytes
2015-03-24 05:26:47.850 Webserver advertising 192.168.200.119:5380
2015-03-24 05:26:47.850 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-24 05:26:47.850 filters & delay HH1:2@100,Linear all=0.320000
2015-03-24 05:26:47.850 filters & delay HH2:3@100,Linear all=0.320000
2015-03-24 05:26:47.850 filters & delay BDH:4@20,Linear all=1.650000
2015-03-24 05:26:47.850 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-24 05:26:47.850 filters & delay LH1:2@1,Linear all=15.000000
2015-03-24 05:26:47.850 filters & delay LH2:3@1,Linear all=15.000000
2015-03-24 05:26:47.850 filters & delay LDH:4@1,Linear all=15.000000
2015-03-24 05:26:47.850 [2015-03-23 17:25:49.000000] continuity found: 30381658
480446749.000000 Q=100
2015-03-24 05:26:47.850 [2015-03-23 17:25:49.000000] restoring continuity
2015-03-24 05:26:47.850 Sending DT_OPEN

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2015-03-24 05:26:47.850 Station: XX-2017  
 2015-03-24 05:26:47.850 Q330 Serial Number: 0100000DB18FC351  
 2015-03-24 05:26:47.850 AMB Serial Number: 0100000B6909DD82  
 2015-03-24 05:26:47.850 Seismo 1 Serial Number: 0000000000000000  
 2015-03-24 05:26:47.850 Seismo 2 Serial Number: 0000000000000000  
 2015-03-24 05:26:47.850 QAPCHP 1 Serial Number: 4643206  
 2015-03-24 05:26:47.850 QAPCHP 2 Serial Number: 3743050  
 2015-03-24 05:26:47.850 KMI Property Tag Number: 2017  
 2015-03-24 05:26:47.850 System Software Version: 1.146  
 2015-03-24 05:26:47.850 Slave Processor Version: 1.11  
 2015-03-24 05:26:47.850 Calibrator Type: QCAL330  
 2015-03-24 05:26:47.850 Calibrator Version: 1.8  
 2015-03-24 05:26:47.850 Auxiliary Board Type: None  
 2015-03-24 05:26:47.850 Clock Type: Motorola M12  
 2015-03-24 05:26:47.850 PLD Version: 7.9  
 2015-03-24 05:26:47.850 Total Hours: 73594.06  
 2015-03-24 05:26:47.850 Power On Hours: 38224.45  
 2015-03-24 05:26:47.850 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-24 05:26:47.850 Total Number of Boots: 120  
 2015-03-24 05:26:47.850 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-24 05:26:47.850 Total Number of Re-Syncs: 213  
 2015-03-24 05:26:47.850 Status Inputs: 00000000  
 2015-03-24 05:26:47.850 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-24 05:26:47.850 Clock Quality: 100%  
 2015-03-24 05:26:47.850 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-24 05:26:47.850 Clock Phase: 0 usec. max allowed=50000  
 2015-03-24 05:26:47.850 Boom positions:  
 2015-03-24 05:26:47.850 ch1: -2 ch2: -3 ch3: 15 ch4: 20 ch5: 20 ch6: 20  
 2015-03-24 05:26:47.850 Analog Status  
 2015-03-24 05:26:47.850 Analog Positive Supply: 5.46V  
 2015-03-24 05:26:47.850 Input Voltage: 13.05V  
 2015-03-24 05:26:47.850 System Temperature: 5C  
 2015-03-24 05:26:47.850 Main Current: 63ma  
 2015-03-24 05:26:47.850 Antenna Current: 0ma  
 2015-03-24 05:26:47.850 GPS Status  
 2015-03-24 05:26:47.850 Time: 05:26:45  
 2015-03-24 05:26:47.850 Date:  
 2015-03-24 05:26:47.850 Fix Type: 1-D  
 2015-03-24 05:26:47.850 Height:  
 2015-03-24 05:26:47.850 Latitude:  
 2015-03-24 05:26:47.850 Longitude:  
 2015-03-24 05:26:47.850 On Time: 0min  
 2015-03-24 05:26:47.850 Sat. Used: 0  
 2015-03-24 05:26:47.850 In View: 0  
 2015-03-24 05:26:47.850 Checksum Errors: 0  
 2015-03-24 05:26:47.850 Last GPS timemark: 2015-03-24 05:26:44  
 2015-03-24 05:26:47.850 PLL Status  
 2015-03-24 05:26:47.850 State: Lock  
 2015-03-24 05:26:47.850 Initial VCO: 2201.000000  
 2015-03-24 05:26:47.850 Time Error: 0.000000  
 2015-03-24 05:26:47.850 RMS VCO: 0.000000  
 2015-03-24 05:26:47.850 Best VCO: 2201.00  
 2015-03-24 05:26:47.850 Seconds Since Track or Lock: 0.0  
 2015-03-24 05:26:47.850 Vco Control: 2201  
 2015-03-24 05:26:47.850 timing mode: external seascan  
 2015-03-24 05:26:47.850 tempco normal  
 2015-03-24 05:26:47.850 PLL update: 10s PLL lock criterion: 5us  
 2015-03-24 05:26:47.850 Pfrac: 150.00  
 2015-03-24 05:26:47.850 VCO slope: -0.0175000  
 2015-03-24 05:26:47.850 VCO intercept: 7.1100001  
 2015-03-24 05:26:47.850 km delta: 600.0000000  
 2015-03-24 05:26:47.850 Logical Port 4 Status  
 2015-03-24 05:26:47.850 Data Packets Sent: 35921853



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2015-03-24 05:26:47.850 Flood Packets Sent: 0
2015-03-24 05:26:47.850 Packets Re-Sent: 56066
2015-03-24 05:26:47.850 Sequence Errors: 0
2015-03-24 05:26:47.850 Packet Buffer Used: 22764632
2015-03-24 05:26:47.850 Physical Port: Ethernet
2015-03-24 05:26:47.850 Baler Model: 14 Software Version: 2.28
2015-03-24 05:26:47.850 MAC Address: 00:04:FB:00:02:EA
2015-03-24 05:26:47.850 Disk Size: 20000669696
2015-03-24 05:26:47.850 Percent of 1177 data files in use: 67.3
2015-03-24 05:26:47.850 Channels Enabled: 1234 Preamps ON channels:
2015-03-24 05:26:47.850 Channel Sensitivities (uV per count):
2015-03-24 05:26:47.850 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-24 05:26:47.850 Digitizer Calibration Results:
2015-03-24 05:26:47.850 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-24 05:26:47.850 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-24 05:26:47.850 DMU1 Software Version=10
2015-03-24 05:26:47.850 Supply Voltage=12.5
2015-03-24 05:26:47.850 Supply Current=0.42
2015-03-24 05:26:47.850 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-24 05:26:47.850 webLink Data Maps Restored
2015-03-24 05:26:47.850 [2015-03-23 17:25:49.000000] sequence resumes: 30381658 to
30381658
2015-03-24 05:26:47.850 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-24 05:26:46
2015-03-24 05:29:45.420 [2015-03-24 00:00:00.000000] saving Configuration to Backup
Memory
2015-03-24 05:32:29.040 Reducing Status Polling Interval
2015-03-24 05:32:29.040 [2015-03-24 05:32:28.000000] total packets received: 49606
2015-03-24 05:32:29.040 [2015-03-24 05:32:28.000000] command timeouts: 6
2015-03-24 05:32:29.040 [2015-03-24 05:32:28.000000] out of window: 60
2015-03-24 05:32:29.040 written: HHZ-1212 HH1-1432 HH2-1416 BDH-451 VEP-1 VEC-1
VEA-1 VKI-1 VCO-1
2015-03-24 05:32:29.040 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-29
VMZ-1 VM1-1
2015-03-24 05:32:29.040 written: VM2-2 LOG-3 ACE-2 OCF-2
2015-03-24 05:32:29.040 [2015-03-24 05:32:28.000000] Done: 4654 recs. seq end:
30425257. run: 337 s
2015-03-24 17:33:23.860
2015-03-24 17:33:23.860 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-24 17:33:23.860 Control Port 2491 Opened
2015-03-24 17:33:23.860 Baler ready on Ethernet
2015-03-24 17:33:23.860 Power Cycled Baler Acknowledged
2015-03-24 17:33:23.860 Commands Accepted by Q330
2015-03-24 17:33:23.860 Access timeout: 300 sec
2015-03-24 17:33:23.860 Control Port 4023 Opened
2015-03-24 17:33:23.860 Data Port 4024 Opened
2015-03-24 17:33:23.860 Registered with Q330
2015-03-24 17:33:23.860 Combination Record Received
2015-03-24 17:33:23.860 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-24 17:33:23.860 Link Reset, starting window sequence: 53984
2015-03-24 17:33:23.860 GPS Receiver ID Received
2015-03-24 17:33:23.860 Manufacturer's Data Received, Property Tag=2017
2015-03-24 17:33:23.860 Digitizer Gain & Offsets Received
2015-03-24 17:33:23.860 Msg From 192.168.200.119:Baler XX-2017 readback. 4654 recs.
seq end: 30425257
2015-03-24 17:33:23.860 Baler clock set to 2015-03-24 17:33:22
2015-03-24 17:33:23.860 Starting to Read DP Tokens
2015-03-24 17:33:23.860 DP Tokens loaded, size=1474 bytes
2015-03-24 17:33:23.860 webserver advertising 192.168.200.119:5380
2015-03-24 17:33:23.860 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-24 17:33:23.860 filters & delay HH1:2@100,Linear all=0.320000
2015-03-24 17:33:23.860 filters & delay HH2:3@100,Linear all=0.320000
2015-03-24 17:33:23.860 filters & delay BDH:4@20,Linear all=1.650000

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2015-03-24 17:33:23.860 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-24 17:33:23.860 filters & delay LH1:2@1,Linear all=15.000000
2015-03-24 17:33:23.860 filters & delay LDH:4@1,Linear all=15.000000
2015-03-24 17:33:23.860 [2015-03-24 05:32:28.000000] continuity found: 30425257
480490348.000000 Q=100
2015-03-24 17:33:23.860 [2015-03-24 05:32:28.000000] restoring continuity
2015-03-24 17:33:23.860 Sending DT_OPEN
2015-03-24 17:33:23.860 Station: XX-2017
2015-03-24 17:33:23.860 Q330 Serial Number: 0100000DB18FC351
2015-03-24 17:33:23.860 AMB Serial Number: 0100000B6909DD82
2015-03-24 17:33:23.860 Seismo 1 Serial Number: 0000000000000000
2015-03-24 17:33:23.860 Seismo 2 Serial Number: 0000000000000000
2015-03-24 17:33:23.860 QAPCHP 1 Serial Number: 4643206
2015-03-24 17:33:23.860 QAPCHP 2 Serial Number: 3743050
2015-03-24 17:33:23.860 KMI Property Tag Number: 2017
2015-03-24 17:33:23.860 System Software Version: 1.146
2015-03-24 17:33:23.860 Slave Processor Version: 1.11
2015-03-24 17:33:23.860 Calibrator Type: QCAL330
2015-03-24 17:33:23.860 Calibrator Version: 1.8
2015-03-24 17:33:23.860 Auxiliary Board Type: None
2015-03-24 17:33:23.860 Clock Type: Motorola M12
2015-03-24 17:33:23.860 PLD Version: 7.9
2015-03-24 17:33:23.860 Total Hours: 73606.17
2015-03-24 17:33:23.860 Power On Hours: 38236.56
2015-03-24 17:33:23.860 Time of Last Boot: 2014-04-06 02:03:58
2015-03-24 17:33:23.860 Total Number of Boots: 120
2015-03-24 17:33:23.860 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-24 17:33:23.860 Total Number of Re-Syncs: 213
2015-03-24 17:33:23.860 Status Inputs: 00000000
2015-03-24 17:33:23.860 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-24 17:33:23.860 Clock Quality: 100%
2015-03-24 17:33:23.860 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-24 17:33:23.860 Clock Phase: 1 usec. max allowed=50000
2015-03-24 17:33:23.860 Boom positions:
2015-03-24 17:33:23.860 Ch1: -3 Ch2: -4 Ch3: 14 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-24 17:33:23.860 Analog Status
2015-03-24 17:33:23.860 Analog Positive Supply: 5.44v
2015-03-24 17:33:23.860 Input Voltage: 13.35v
2015-03-24 17:33:23.860 System Temperature: 5C
2015-03-24 17:33:23.860 Main Current: 62ma
2015-03-24 17:33:23.860 Antenna Current: 0ma
2015-03-24 17:33:23.860 GPS Status
2015-03-24 17:33:23.860 Time: 17:33:22
2015-03-24 17:33:23.860 Date:
2015-03-24 17:33:23.860 Fix Type: 1-D
2015-03-24 17:33:23.860 Height:
2015-03-24 17:33:23.860 Latitude:
2015-03-24 17:33:23.860 Longitude:
2015-03-24 17:33:23.860 On Time: 0min
2015-03-24 17:33:23.860 Sat. Used: 0
2015-03-24 17:33:23.860 In View: 0
2015-03-24 17:33:23.860 Checksum Errors: 0
2015-03-24 17:33:23.860 Last GPS timemark: 2015-03-24 17:33:21
2015-03-24 17:33:23.860 PLL Status
2015-03-24 17:33:23.860 State: Lock
2015-03-24 17:33:23.860 Intitial VCO: 2201.396729
2015-03-24 17:33:23.860 Time Error: 0.000000
2015-03-24 17:33:23.860 RMS VCO: 0.0000000
2015-03-24 17:33:23.860 Best VCO: 2201.34
2015-03-24 17:33:23.860 Seconds Since Track or Lock: 0.0
2015-03-24 17:33:23.860 Vco Control: 2201
2015-03-24 17:33:23.860 timing mode: external seascan
2015-03-24 17:33:23.860 tempco normal

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2015-03-24 17:33:23.860 PLL update: 10s PLL lock criterion: 5us  
 2015-03-24 17:33:23.860 Pfrac: 150.00  
 2015-03-24 17:33:23.860 VCO slope: -0.0175000  
 2015-03-24 17:33:23.860 VCO intercept: 7.1100001  
 2015-03-24 17:33:23.860 km delta: 600.0000000  
 2015-03-24 17:33:23.860 Logical Port 4 Status  
 2015-03-24 17:33:23.860 Data Packets Sent: 35971368  
 2015-03-24 17:33:23.860 Flood Packets Sent: 0  
 2015-03-24 17:33:23.860 Packets Re-Sent: 56144  
 2015-03-24 17:33:23.860 Sequence Errors: 0  
 2015-03-24 17:33:23.860 Packet Buffer Used: 22001996  
 2015-03-24 17:33:23.860 Physical Port: Ethernet  
 2015-03-24 17:33:23.860 Baler Model: 14 Software Version: 2.28  
 2015-03-24 17:33:23.860 MAC Address: 00:04:FB:00:02:EA  
 2015-03-24 17:33:23.860 Disk Size: 20000669696  
 2015-03-24 17:33:23.860 Percent of 1177 data files in use: 67.3  
 2015-03-24 17:33:23.860 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-24 17:33:23.860 Channel sensitivities (uV per count):  
 2015-03-24 17:33:23.860 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-24 17:33:23.860 Digitizer Calibration Results:  
 2015-03-24 17:33:23.860 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-24 17:33:23.860 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-24 17:33:23.860 DMU1 Software Version=10  
 2015-03-24 17:33:23.860 Supply Voltage=12.7  
 2015-03-24 17:33:23.860 Supply Current=0.42  
 2015-03-24 17:33:23.860 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-24 17:33:23.860 WebLink Data Maps Restored  
 2015-03-24 17:33:23.860 [2015-03-24 05:32:28.000000] sequence resumes: 30425257 to 30425257  
 2015-03-24 17:33:23.860 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-24 17:33:22  
 2015-03-24 17:38:59.840 Reducing Status Polling Interval  
 2015-03-24 17:38:59.840 [2015-03-24 17:38:58.999998] total packets received: 44746  
 2015-03-24 17:38:59.840 [2015-03-24 17:38:58.999998] command timeouts: 6  
 2015-03-24 17:38:59.840 [2015-03-24 17:38:58.999998] out of window: 71  
 2015-03-24 17:38:59.840 written: HHZ-1144 HH1-1360 HH2-1377 BDH-452 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-24 17:38:59.840 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-28  
 VMZ-1 VM1-1  
 2015-03-24 17:38:59.840 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-03-24 17:38:59.840 [2015-03-24 17:38:58.999998] Done: 4476 recs. seq end:  
 30468848. run: 331 s  
 2015-03-25 05:39:53.830  
 2015-03-25 05:39:53.830 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-25 05:39:53.830 Control Port 2491 Opened  
 2015-03-25 05:39:53.830 Baler ready on Ethernet  
 2015-03-25 05:39:53.830 Power Cycled Baler Acknowledged  
 2015-03-25 05:39:53.830 Commands Accepted by Q330  
 2015-03-25 05:39:53.830 Access timeout: 300 sec  
 2015-03-25 05:39:53.830 Control Port 4023 Opened  
 2015-03-25 05:39:53.830 Data Port 4024 Opened  
 2015-03-25 05:39:53.830 Registered with Q330  
 2015-03-25 05:39:53.830 Combination Record Received  
 2015-03-25 05:39:53.830 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-25 05:39:53.830 Link Reset, starting window sequence: 33087  
 2015-03-25 05:39:53.830 GPS Receiver ID Received  
 2015-03-25 05:39:53.830 Manufacturer's Data Received, Property Tag=2017  
 2015-03-25 05:39:53.830 Digitizer Gain & Offsets Received  
 2015-03-25 05:39:53.830 Msg From 192.168.200.119:Baler XX-2017 readback. 4476 recs.  
 seq end: 30468848  
 2015-03-25 05:39:53.830 Baler clock set to 2015-03-25 05:39:52  
 2015-03-25 05:39:53.830 Starting to Read DP Tokens  
 2015-03-25 05:39:53.830 DP Tokens loaded, size=1474 bytes

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2015-03-25 05:39:53.830 webserver advertising 192.168.200.119:5380
2015-03-25 05:39:53.830 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-25 05:39:53.830 filters & delay HH1:2@100,Linear all=0.320000
2015-03-25 05:39:53.830 filters & delay HH2:3@100,Linear all=0.320000
2015-03-25 05:39:53.830 filters & delay BDH:4@20,Linear all=1.650000
2015-03-25 05:39:53.830 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-25 05:39:53.830 filters & delay LH1:2@1,Linear all=15.000000
2015-03-25 05:39:53.830 filters & delay LH2:3@1,Linear all=15.000000
2015-03-25 05:39:53.830 filters & delay LDH:4@1,Linear all=15.000000
2015-03-25 05:39:53.830 [2015-03-24 17:38:58.999998] continuity found: 30468848
480533939.000000 Q=100
2015-03-25 05:39:53.830 [2015-03-24 17:38:58.999998] restoring continuity
2015-03-25 05:39:53.830 Sending DT_OPEN
2015-03-25 05:39:53.830 Station: XX-2017
2015-03-25 05:39:53.830 Q330 Serial Number: 0100000DB18FC351
2015-03-25 05:39:53.830 AMB Serial Number: 0100000B6909DD82
2015-03-25 05:39:53.830 Seismo 1 Serial Number: 0000000000000000
2015-03-25 05:39:53.830 Seismo 2 Serial Number: 0000000000000000
2015-03-25 05:39:53.830 QAPCHP 1 Serial Number: 4643206
2015-03-25 05:39:53.830 QAPCHP 2 Serial Number: 3743050
2015-03-25 05:39:53.830 KMI Property Tag Number: 2017
2015-03-25 05:39:53.830 System Software Version: 1.146
2015-03-25 05:39:53.830 Slave Processor Version: 1.11
2015-03-25 05:39:53.830 Calibrator Type: QCAL330
2015-03-25 05:39:53.830 Calibrator Version: 1.8
2015-03-25 05:39:53.830 Auxiliary Board Type: None
2015-03-25 05:39:53.830 Clock Type: Motorola M12
2015-03-25 05:39:53.830 PLD Version: 7.9
2015-03-25 05:39:53.830 Total Hours: 73618.28
2015-03-25 05:39:53.830 Power On Hours: 38248.67
2015-03-25 05:39:53.830 Time of Last Boot: 2014-04-06 02:03:58
2015-03-25 05:39:53.830 Total Number of Boots: 120
2015-03-25 05:39:53.830 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-25 05:39:53.830 Total Number of Re-Syncs: 213
2015-03-25 05:39:53.830 Status Inputs: 00000000
2015-03-25 05:39:53.830 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-25 05:39:53.830 Clock Quality: 100%
2015-03-25 05:39:53.830 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-25 05:39:53.830 Clock Phase: 0 usec. max allowed=50000
2015-03-25 05:39:53.830 Boom positions:
2015-03-25 05:39:53.830 Ch1: -3 Ch2: -4 Ch3: 15 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-25 05:39:53.830 Analog Status
2015-03-25 05:39:53.830 Analog Positive Supply: 5.44v
2015-03-25 05:39:53.830 Input Voltage: 13.20v
2015-03-25 05:39:53.830 System Temperature: 5C
2015-03-25 05:39:53.830 Main Current: 62ma
2015-03-25 05:39:53.830 Antenna Current: 0ma
2015-03-25 05:39:53.830 GPS Status
2015-03-25 05:39:53.830 Time: 05:39:52
2015-03-25 05:39:53.830 Date:
2015-03-25 05:39:53.830 Fix Type: 1-D
2015-03-25 05:39:53.830 Height:
2015-03-25 05:39:53.830 Latitude:
2015-03-25 05:39:53.830 Longitude:
2015-03-25 05:39:53.830 On Time: 0min
2015-03-25 05:39:53.830 Sat. Used: 0
2015-03-25 05:39:53.830 In View: 0
2015-03-25 05:39:53.830 Checksum Errors: 0
2015-03-25 05:39:53.830 Last GPS timemark: 2015-03-25 05:39:51
2015-03-25 05:39:53.830 PLL Status
2015-03-25 05:39:53.830 State: Lock
2015-03-25 05:39:53.830 Initial VCO: 2201.644775
2015-03-25 05:39:53.830 Time Error: 0.000000

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2015-03-25 05:39:53.830 RMS VCO: 0.000000  
 2015-03-25 05:39:53.830 Best VCO: 2201.56  
 2015-03-25 05:39:53.830 Seconds Since Track or Lock: 0.0  
 2015-03-25 05:39:53.830 Vco Control: 2201  
 2015-03-25 05:39:53.830 timing mode: external seascan  
 2015-03-25 05:39:53.830 tempco normal  
 2015-03-25 05:39:53.830 PLL update: 10s PLL lock criterion: 5us  
 2015-03-25 05:39:53.830 Pfrac: 150.00  
 2015-03-25 05:39:53.830 VCO slope: -0.0175000  
 2015-03-25 05:39:53.830 VCO intercept: 7.1100001  
 2015-03-25 05:39:53.830 Km delta: 600.000000  
 2015-03-25 05:39:53.830 Logical Port 4 Status  
 2015-03-25 05:39:53.830 Data Packets Sent: 36016012  
 2015-03-25 05:39:53.830 Flood Packets Sent: 0  
 2015-03-25 05:39:53.830 Packets Re-Sent: 56234  
 2015-03-25 05:39:53.830 Sequence Errors: 0  
 2015-03-25 05:39:53.830 Packet Buffer Used: 21811236  
 2015-03-25 05:39:53.830 Physical Port: Ethernet  
 2015-03-25 05:39:53.830 Baler Model: 14 Software Version: 2.28  
 2015-03-25 05:39:53.830 MAC Address: 00:04:FB:00:02:EA  
 2015-03-25 05:39:53.830 Disk Size: 20000669696  
 2015-03-25 05:39:53.830 Percent of 1177 data files in use: 67.4  
 2015-03-25 05:39:53.830 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-25 05:39:53.830 Channel Sensitivities (uV per count):  
 2015-03-25 05:39:53.830 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-25 05:39:53.830 Digitizer Calibration Results:  
 2015-03-25 05:39:53.830 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-25 05:39:53.830 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-25 05:39:53.830 DMU1 Software Version=10  
 2015-03-25 05:39:53.830 Supply Voltage=12.6  
 2015-03-25 05:39:53.830 Supply Current=0.42  
 2015-03-25 05:39:53.830 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-25 05:39:53.830 [2015-03-24 17:38:58.999998] sequence resumes: 30468848 to  
 30468848  
 2015-03-25 05:39:53.830 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-25 05:39:52  
 2015-03-25 05:42:51.020 [2015-03-25 00:00:00.000001] saving Configuration to Backup  
 Memory  
 2015-03-25 05:45:23.550 Reducing Status Polling Interval  
 2015-03-25 05:45:23.550 [2015-03-25 05:45:22.999998] total packets received: 44641  
 2015-03-25 05:45:23.550 [2015-03-25 05:45:22.999998] command timeouts: 6  
 2015-03-25 05:45:23.550 [2015-03-25 05:45:22.999998] out of window: 56  
 2015-03-25 05:45:23.550 written: HHZ-1145 HH1-1337 HH2-1353 BDH-446 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-25 05:45:23.550 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26  
 VMZ-2 VM1-2  
 2015-03-25 05:45:23.550 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-03-25 05:45:23.550 [2015-03-25 05:45:22.999998] Done: 4429 recs. seq end:  
 30512432. run: 325 s  
 2015-03-25 17:46:19.900  
 2015-03-25 17:46:19.900 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-25 17:46:19.900 Control Port 2491 Opened  
 2015-03-25 17:46:19.900 Baler ready on Ethernet  
 2015-03-25 17:46:19.900 Power Cycled Baler Acknowledged  
 2015-03-25 17:46:19.900 Commands Accepted by Q330  
 2015-03-25 17:46:19.900 Access timeout: 300 sec  
 2015-03-25 17:46:19.900 Control Port 4023 Opened  
 2015-03-25 17:46:19.900 Data Port 4024 Opened  
 2015-03-25 17:46:19.900 Registered with Q330  
 2015-03-25 17:46:19.900 Combination Record Received  
 2015-03-25 17:46:19.900 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-25 17:46:19.900 Link Reset, starting window sequence: 12101  
 2015-03-25 17:46:19.900 GPS Receiver ID Received

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2015-03-25 17:46:19.900 Manufacturer's Data Received, Property Tag=2017  
 2015-03-25 17:46:19.900 Digitizer Gain & Offsets Received  
 2015-03-25 17:46:19.900 Msg From 192.168.200.119:Baler XX-2017 readback. 4429 recs.  
 seq end: 30512432  
 2015-03-25 17:46:19.900 Baler clock set to 2015-03-25 17:46:18  
 2015-03-25 17:46:19.900 Starting to Read DP Tokens  
 2015-03-25 17:46:19.900 DP Tokens loaded, size=1474 bytes  
 2015-03-25 17:46:19.900 webserver advertising 192.168.200.119:5380  
 2015-03-25 17:46:19.900 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-25 17:46:19.900 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-25 17:46:19.900 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-25 17:46:19.900 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-25 17:46:19.900 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-25 17:46:19.900 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-25 17:46:19.900 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-25 17:46:19.900 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-25 17:46:19.900 [2015-03-25 05:45:22.999998] continuity found: 30512432  
 480577523.000000 Q=100  
 2015-03-25 17:46:19.900 [2015-03-25 05:45:22.999998] restoring continuity  
 2015-03-25 17:46:19.900 Sending DT\_OPEN  
 2015-03-25 17:46:19.900 Station: XX-2017  
 2015-03-25 17:46:19.900 Q330 Serial Number: 0100000DB18FC351  
 2015-03-25 17:46:19.900 AMB Serial Number: 0100000B6909DD82  
 2015-03-25 17:46:19.900 Seismo 1 Serial Number: 0000000000000000  
 2015-03-25 17:46:19.900 Seismo 2 Serial Number: 0000000000000000  
 2015-03-25 17:46:19.900 QAPCHP 1 Serial Number: 4643206  
 2015-03-25 17:46:19.900 QAPCHP 2 Serial Number: 3743050  
 2015-03-25 17:46:19.900 KMI Property Tag Number: 2017  
 2015-03-25 17:46:19.900 System Software Version: 1.146  
 2015-03-25 17:46:19.900 Slave Processor Version: 1.11  
 2015-03-25 17:46:19.900 Calibrator Type: QCAL330  
 2015-03-25 17:46:19.900 Calibrator Version: 1.8  
 2015-03-25 17:46:19.900 Auxiliary Board Type: None  
 2015-03-25 17:46:19.900 Clock Type: Motorola M12  
 2015-03-25 17:46:19.900 PLD Version: 7.9  
 2015-03-25 17:46:19.900 Total Hours: 73630.39  
 2015-03-25 17:46:19.900 Power On Hours: 38260.78  
 2015-03-25 17:46:19.900 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-25 17:46:19.900 Total Number of Boots: 120  
 2015-03-25 17:46:19.900 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-25 17:46:19.900 Total Number of Re-Syncs: 213  
 2015-03-25 17:46:19.900 Status Inputs: 00000000  
 2015-03-25 17:46:19.900 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-25 17:46:19.900 Clock Quality: 100%  
 2015-03-25 17:46:19.900 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-25 17:46:19.900 Clock Phase: 0 usec. max allowed=50000  
 2015-03-25 17:46:19.900 Boom positions:  
 2015-03-25 17:46:19.900 ch1: -3 ch2: 5 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
 2015-03-25 17:46:19.900 Analog Status  
 2015-03-25 17:46:19.900 Analog Positive Supply: 5.46V  
 2015-03-25 17:46:19.900 Input Voltage: 13.20V  
 2015-03-25 17:46:19.900 System Temperature: 5C  
 2015-03-25 17:46:19.900 Main Current: 62ma  
 2015-03-25 17:46:19.900 Antenna Current: 0ma  
 2015-03-25 17:46:19.900 GPS Status  
 2015-03-25 17:46:19.900 Time: 17:46:18  
 2015-03-25 17:46:19.900 Date:  
 2015-03-25 17:46:19.900 Fix Type: 1-D  
 2015-03-25 17:46:19.900 Height:  
 2015-03-25 17:46:19.900 Latitude:  
 2015-03-25 17:46:19.900 Longitude:  
 2015-03-25 17:46:19.900 On Time: 0min  
 2015-03-25 17:46:19.900 Sat. Used: 0

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2015-03-25 17:46:19.900 In View: 0  
 2015-03-25 17:46:19.900 Checksum Errors: 0  
 2015-03-25 17:46:19.900 Last GPS timemark: 2015-03-25 17:46:17  
 2015-03-25 17:46:19.900 PLL Status  
 2015-03-25 17:46:19.900 State: Lock  
 2015-03-25 17:46:19.900 Initial VCO: 2201.584473  
 2015-03-25 17:46:19.900 Time Error: 0.000000  
 2015-03-25 17:46:19.900 RMS VCO: 0.000000  
 2015-03-25 17:46:19.900 Best VCO: 2201.52  
 2015-03-25 17:46:19.900 Seconds Since Track or Lock: 0.0  
 2015-03-25 17:46:19.900 Vco Control: 2202  
 2015-03-25 17:46:19.900 timing mode: external seascan  
 2015-03-25 17:46:19.900 tempco normal  
 2015-03-25 17:46:19.900 PLL update: 10s PLL lock criterion: 5us  
 2015-03-25 17:46:19.900 Pfrac: 150.00  
 2015-03-25 17:46:19.900 VCO slope: -0.0175000  
 2015-03-25 17:46:19.900 VCO intercept: 7.1100001  
 2015-03-25 17:46:19.900 km delta: 600.0000000  
 2015-03-25 17:46:19.900 Logical Port 4 Status  
 2015-03-25 17:46:19.900 Data Packets Sent: 36060567  
 2015-03-25 17:46:19.900 Flood Packets Sent: 0  
 2015-03-25 17:46:19.900 Packets Re-Sent: 56308  
 2015-03-25 17:46:19.900 Sequence Errors: 0  
 2015-03-25 17:46:19.900 Packet Buffer Used: 22587956  
 2015-03-25 17:46:19.900 Physical Port: Ethernet  
 2015-03-25 17:46:19.900 Baler Model: 14 Software Version: 2.28  
 2015-03-25 17:46:19.900 MAC Address: 00:04:FB:00:02:EA  
 2015-03-25 17:46:19.900 Disk Size: 20000669696  
 2015-03-25 17:46:19.900 Percent of 1177 data files in use: 67.5  
 2015-03-25 17:46:19.900 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-25 17:46:19.900 Channel Sensitivities (uV per count):  
 2015-03-25 17:46:19.900 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-25 17:46:19.900 Digitizer Calibration Results:  
 2015-03-25 17:46:19.900 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-25 17:46:19.900 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-25 17:46:19.900 DMU1 Software Version=10  
 2015-03-25 17:46:19.900 Supply Voltage=12.6  
 2015-03-25 17:46:19.900 Supply Current=0.41  
 2015-03-25 17:46:19.900 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-25 17:46:19.900 WebLink Data Maps Restored  
 2015-03-25 17:46:19.900 [2015-03-25 05:45:22.999998] sequence resumes: 30512432 to 30512432  
 2015-03-25 17:46:19.900 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-25 17:46:18  
 2015-03-25 17:51:58.300 Reducing Status Polling Interval  
 2015-03-25 17:51:58.300 [2015-03-25 17:51:56.999998] total packets received: 48449  
 2015-03-25 17:51:58.300 [2015-03-25 17:51:56.999998] command timeouts: 6  
 2015-03-25 17:51:58.300 [2015-03-25 17:51:56.999998] out of window: 57  
 2015-03-25 17:51:58.300 written: HHZ-1205 HH1-1391 HH2-1426 BDH-447 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-03-25 17:51:58.300 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-26  
 VMZ-1 VM1-1  
 2015-03-25 17:51:58.300 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1  
 2015-03-25 17:51:58.300 [2015-03-25 17:51:56.999998] Done: 4607 recs. seq end:  
 30556026. run: 334 s  
 2015-03-26 05:52:52.890  
 2015-03-26 05:52:52.890 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-26 05:52:52.890 Control Port 2491 Opened  
 2015-03-26 05:52:52.890 Baler ready on Ethernet  
 2015-03-26 05:52:52.890 Power Cycled Baler Acknowledged  
 2015-03-26 05:52:52.890 Commands Accepted by Q330  
 2015-03-26 05:52:52.890 Access timeout: 300 sec  
 2015-03-26 05:52:52.890 Control Port 4023 Opened

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2015-03-26 05:52:52.890 Data Port 4024 Opened
2015-03-26 05:52:52.890 Registered with Q330
2015-03-26 05:52:52.890 Combination Record Received
2015-03-26 05:52:52.890 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-26 05:52:52.890 Link Reset, starting window sequence: 60457
2015-03-26 05:52:52.890 GPS Receiver ID Received
2015-03-26 05:52:52.890 Manufacturer's Data Received, Property Tag=2017
2015-03-26 05:52:52.890 Digitizer Gain & Offsets Received
2015-03-26 05:52:52.890 Msg From 192.168.200.119:Baler XX-2017 readback. 4607 recs.
seq end: 30556026
2015-03-26 05:52:52.890 Baler clock set to 2015-03-26 05:52:51
2015-03-26 05:52:52.890 Starting to Read DP Tokens
2015-03-26 05:52:52.890 DP Tokens loaded, size=1474 bytes
2015-03-26 05:52:52.890 webserver advertising 192.168.200.119:5380
2015-03-26 05:52:52.890 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-26 05:52:52.890 filters & delay HH1:2@100,Linear all=0.320000
2015-03-26 05:52:52.890 filters & delay HH2:3@100,Linear all=0.320000
2015-03-26 05:52:52.890 filters & delay BDH:4@20,Linear all=1.650000
2015-03-26 05:52:52.890 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-26 05:52:52.890 filters & delay LH1:2@1,Linear all=15.000000
2015-03-26 05:52:52.890 filters & delay LH2:3@1,Linear all=15.000000
2015-03-26 05:52:52.890 filters & delay LDH:4@1,Linear all=15.000000
2015-03-26 05:52:52.890 [2015-03-25 17:51:56.999998] continuity found: 30556026
480621117.000000 Q=100
2015-03-26 05:52:52.890 [2015-03-25 17:51:56.999998] restoring continuity
2015-03-26 05:52:52.890 Sending DT_OPEN
2015-03-26 05:52:52.890 Station: XX-2017
2015-03-26 05:52:52.890 Q330 Serial Number: 0100000DB18FC351
2015-03-26 05:52:52.890 AMB Serial Number: 0100000B6909DD82
2015-03-26 05:52:52.890 Seismo 1 Serial Number: 0000000000000000
2015-03-26 05:52:52.890 Seismo 2 Serial Number: 0000000000000000
2015-03-26 05:52:52.890 QAPCHP 1 Serial Number: 4643206
2015-03-26 05:52:52.890 QAPCHP 2 Serial Number: 3743050
2015-03-26 05:52:52.890 KMI Property Tag Number: 2017
2015-03-26 05:52:52.890 System Software Version: 1.146
2015-03-26 05:52:52.890 Slave Processor Version: 1.11
2015-03-26 05:52:52.890 Calibrator Type: QCAL330
2015-03-26 05:52:52.890 Calibrator Version: 1.8
2015-03-26 05:52:52.890 Auxiliary Board Type: None
2015-03-26 05:52:52.890 Clock Type: Motorola M12
2015-03-26 05:52:52.890 PLD Version: 7.9
2015-03-26 05:52:52.890 Total Hours: 73642.50
2015-03-26 05:52:52.890 Power On Hours: 38272.88
2015-03-26 05:52:52.890 Time of Last Boot: 2014-04-06 02:03:58
2015-03-26 05:52:52.890 Total Number of Boots: 120
2015-03-26 05:52:52.890 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-26 05:52:52.890 Total Number of Re-Syncs: 213
2015-03-26 05:52:52.890 Status Inputs: 00000000
2015-03-26 05:52:52.890 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-26 05:52:52.890 Clock Quality: 100%
2015-03-26 05:52:52.890 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-26 05:52:52.890 Clock Phase: 1 usec. max allowed=50000
2015-03-26 05:52:52.890 Boom positions:
2015-03-26 05:52:52.890 ch1: -3 ch2: 6 ch3: -2 ch4: 20 ch5: 20 ch6: 20
2015-03-26 05:52:52.890 Analog Positive Supply: 5.46V
2015-03-26 05:52:52.890 Input Voltage: 13.20V
2015-03-26 05:52:52.890 System Temperature: 5C
2015-03-26 05:52:52.890 Main Current: 62ma
2015-03-26 05:52:52.890 Antenna Current: 0ma
2015-03-26 05:52:52.890 GPS Status
2015-03-26 05:52:52.890 Time: 05:52:50
2015-03-26 05:52:52.890 Date:
2015-03-26 05:52:52.890 Fix Type: 1-D

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2015-03-26 05:52:52.890 Height:  
 2015-03-26 05:52:52.890 Latitude:  
 2015-03-26 05:52:52.890 Longitude:  
 2015-03-26 05:52:52.890 On Time: 0min  
 2015-03-26 05:52:52.890 Sat. Used: 0  
 2015-03-26 05:52:52.890 In View: 0  
 2015-03-26 05:52:52.890 Checksum Errors: 0  
 2015-03-26 05:52:52.890 Last GPS timemark: 2015-03-26 05:52:49  
 2015-03-26 05:52:52.890 PLL Status  
 2015-03-26 05:52:52.890 State: Lock  
 2015-03-26 05:52:52.890 Initial VCO: 2202.212402  
 2015-03-26 05:52:52.890 Time Error: -0.000001  
 2015-03-26 05:52:52.890 RMS VCO: 0.0000000  
 2015-03-26 05:52:52.890 Best VCO: 2202.28  
 2015-03-26 05:52:52.890 Seconds Since Track or Lock: 0.0  
 2015-03-26 05:52:52.890 Vco Control: 2203  
 2015-03-26 05:52:52.890 timing mode: external seascan  
 2015-03-26 05:52:52.890 tempco normal  
 2015-03-26 05:52:52.890 PLL update: 10s PLL lock criterion: 5us  
 2015-03-26 05:52:52.890 Pfrac: 150.00  
 2015-03-26 05:52:52.890 VCO slope: -0.0175000  
 2015-03-26 05:52:52.890 VCO intercept: 7.1100001  
 2015-03-26 05:52:52.890 Km delta: 600.0000000  
 2015-03-26 05:52:52.890 Logical Port 4 Status  
 2015-03-26 05:52:52.890 Data Packets Sent: 36108928  
 2015-03-26 05:52:52.890 Flood Packets Sent: 0  
 2015-03-26 05:52:52.890 Packets Re-Sent: 56382  
 2015-03-26 05:52:52.890 Sequence Errors: 0  
 2015-03-26 05:52:52.890 Packet Buffer Used: 22487196  
 2015-03-26 05:52:52.890 Physical Port: Ethernet  
 2015-03-26 05:52:52.890 Baler Model: 14 Software Version: 2.28  
 2015-03-26 05:52:52.890 MAC Address: 00:04:FB:00:02:EA  
 2015-03-26 05:52:52.890 Disk Size: 20000669696  
 2015-03-26 05:52:52.890 Percent of 1177 data files in use: 67.6  
 2015-03-26 05:52:52.890 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-26 05:52:52.890 Channel Sensitivities (uV per count):  
 2015-03-26 05:52:52.890 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-26 05:52:52.890 Digitizer Calibration Results:  
 2015-03-26 05:52:52.890 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-26 05:52:52.890 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-26 05:52:52.890 DMU1 Software Version=10  
 2015-03-26 05:52:52.890 Supply Voltage=12.7  
 2015-03-26 05:52:52.890 Supply Current=0.41  
 2015-03-26 05:52:52.890 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-26 05:52:52.890 WebLink Data Maps Restored  
 2015-03-26 05:52:52.890 [2015-03-25 17:51:56.999998] sequence resumes: 30556026 to  
 30556026  
 2015-03-26 05:52:52.890 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-26 05:52:51  
 2015-03-26 05:55:59.640 [2015-03-26 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-03-26 05:58:41.010 Reducing Status Polling Interval  
 2015-03-26 05:58:41.010 [2015-03-26 05:58:40.000000] total packets received: 48060  
 2015-03-26 05:58:41.010 [2015-03-26 05:58:40.000000] command timeouts: 6  
 2015-03-26 05:58:41.010 [2015-03-26 05:58:40.000000] out of window: 82  
 2015-03-26 05:58:41.010 written: HHZ-1192 HH1-1413 HH2-1396 BDH-445 VEP-2 VEC-1  
 VEA-2 VKI-2 VCO-2  
 2015-03-26 05:58:41.010 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-25 LH2-25 LDH-25  
 VMZ-1 VM1-1  
 2015-03-26 05:58:41.010 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-03-26 05:58:41.010 [2015-03-26 05:58:40.000000] Done: 4588 recs. seq end:  
 30599629. run: 343 s  
 2015-03-26 17:59:35.830

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2015-03-26 17:59:35.830 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-26 17:59:35.830 Control Port 2491 Opened  
 2015-03-26 17:59:35.830 Baler ready on Ethernet  
 2015-03-26 17:59:35.830 Power Cycled Baler Acknowledged  
 2015-03-26 17:59:35.830 Commands Accepted by Q330  
 2015-03-26 17:59:35.830 Access timeout: 300 sec  
 2015-03-26 17:59:35.830 Control Port 4023 Opened  
 2015-03-26 17:59:35.830 Data Port 4024 Opened  
 2015-03-26 17:59:35.830 Registered with Q330  
 2015-03-26 17:59:35.830 Combination Record Received  
 2015-03-26 17:59:35.830 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-26 17:59:35.830 Link Reset, starting window sequence: 42863  
 2015-03-26 17:59:35.830 GPS Receiver ID Received  
 2015-03-26 17:59:35.830 Manufacturer's Data Received, Property Tag=2017  
 2015-03-26 17:59:35.830 Digitizer Gain & Offsets Received  
 2015-03-26 17:59:35.830 Msg From 192.168.200.119:Baler XX-2017 readback. 4588 recs.  
 seq end: 30599629  
 2015-03-26 17:59:35.830 Baler clock set to 2015-03-26 17:59:34  
 2015-03-26 17:59:35.830 Starting to Read DP Tokens  
 2015-03-26 17:59:35.830 DP Tokens loaded, size=1474 bytes  
 2015-03-26 17:59:35.830 Webserver advertising 192.168.200.119:5380  
 2015-03-26 17:59:35.830 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-26 17:59:35.830 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-26 17:59:35.830 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-26 17:59:35.830 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-26 17:59:35.830 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-26 17:59:35.830 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-26 17:59:35.830 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-26 17:59:35.830 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-26 17:59:35.830 [2015-03-26 05:58:40.000000] continuity found: 30599629  
 480664720.000000 Q=100  
 2015-03-26 17:59:35.830 [2015-03-26 05:58:40.000000] restoring continuity  
 2015-03-26 17:59:35.830 Sending DT\_OPEN  
 2015-03-26 17:59:35.830 Station: XX-2017  
 2015-03-26 17:59:35.830 Q330 Serial Number: 0100000DB18FC351  
 2015-03-26 17:59:35.830 AMB Serial Number: 0100000B6909DD82  
 2015-03-26 17:59:35.830 Seismo 1 Serial Number: 0000000000000000  
 2015-03-26 17:59:35.830 Seismo 2 Serial Number: 0000000000000000  
 2015-03-26 17:59:35.830 QAPCHP 1 Serial Number: 4643206  
 2015-03-26 17:59:35.830 QAPCHP 2 Serial Number: 3743050  
 2015-03-26 17:59:35.830 KMI Property Tag Number: 2017  
 2015-03-26 17:59:35.830 System Software Version: 1.146  
 2015-03-26 17:59:35.830 Slave Processor Version: 1.11  
 2015-03-26 17:59:35.830 Calibrator Type: QCAL330  
 2015-03-26 17:59:35.830 Calibrator Version: 1.8  
 2015-03-26 17:59:35.830 Auxiliary Board Type: None  
 2015-03-26 17:59:35.830 Clock Type: Motorola M12  
 2015-03-26 17:59:35.830 PLD Version: 7.9  
 2015-03-26 17:59:35.830 Total Hours: 73654.61  
 2015-03-26 17:59:35.830 Power On Hours: 38285.00  
 2015-03-26 17:59:35.830 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-26 17:59:35.830 Total Number of Boots: 120  
 2015-03-26 17:59:35.830 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-26 17:59:35.830 Total Number of Re-Syncs: 213  
 2015-03-26 17:59:35.830 Status Inputs: 00000000  
 2015-03-26 17:59:35.830 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-26 17:59:35.830 Clock Quality: 100%  
 2015-03-26 17:59:35.830 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-26 17:59:35.830 Clock Phase: 0 usec. max allowed=50000  
 2015-03-26 17:59:35.830 Boom positions:  
 2015-03-26 17:59:35.830 Ch1: -3 Ch2: 7 Ch3: -3 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-26 17:59:35.830 Analog Status  
 2015-03-26 17:59:35.830 Analog Positive Supply: 5.46V

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2015-03-26 17:59:35.830 Input Voltage: 13.20V
2015-03-26 17:59:35.830 System Temperature: 5C
2015-03-26 17:59:35.830 Main Current: 63ma
2015-03-26 17:59:35.830 Antenna Current: 0ma
2015-03-26 17:59:35.830 GPS Status
2015-03-26 17:59:35.830 Time: 17:59:33
2015-03-26 17:59:35.830 Date:
2015-03-26 17:59:35.830 Fix Type: 1-D
2015-03-26 17:59:35.830 Height:
2015-03-26 17:59:35.830 Latitude:
2015-03-26 17:59:35.830 Longitude:
2015-03-26 17:59:35.830 On Time: 0min
2015-03-26 17:59:35.830 Sat. Used: 0
2015-03-26 17:59:35.830 In View: 0
2015-03-26 17:59:35.830 Checksum Errors: 0
2015-03-26 17:59:35.830 Last GPS timemark: 2015-03-26 17:59:32
2015-03-26 17:59:35.830 PLL Status
2015-03-26 17:59:35.830 State: Lock
2015-03-26 17:59:35.830 Initial VCO: 2202.407471
2015-03-26 17:59:35.830 Time Error: 0.000000
2015-03-26 17:59:35.830 RMS VCO: 0.0000000
2015-03-26 17:59:35.830 Best VCO: 2202.40
2015-03-26 17:59:35.830 Seconds Since Track or Lock: 0.0
2015-03-26 17:59:35.830 Vco Control: 2203
2015-03-26 17:59:35.830 timing mode: external seascan
2015-03-26 17:59:35.830 tempco normal
2015-03-26 17:59:35.830 PLL update: 10s PLL lock criterion: 5us
2015-03-26 17:59:35.830 Pfrac: 150.00
2015-03-26 17:59:35.830 VCO slope: -0.0175000
2015-03-26 17:59:35.830 VCO intercept: 7.1100001
2015-03-26 17:59:35.830 Km delta: 600.0000000
2015-03-26 17:59:35.830 Logical Port 4 Status
2015-03-26 17:59:35.830 Data Packets Sent: 36156875
2015-03-26 17:59:35.830 Flood Packets Sent: 0
2015-03-26 17:59:35.830 Packets Re-Sent: 56480
2015-03-26 17:59:35.830 Sequence Errors: 0
2015-03-26 17:59:35.830 Packet Buffer Used: 22132600
2015-03-26 17:59:35.830 Physical Port: Ethernet
2015-03-26 17:59:35.830 Baler Model: 14 Software Version: 2.28
2015-03-26 17:59:35.830 MAC Address: 00:04:FB:00:02:EA
2015-03-26 17:59:35.830 Disk Size: 20000669696
2015-03-26 17:59:35.830 Percent of 1177 data files in use: 67.7
2015-03-26 17:59:35.830 Channels Enabled: 1234 Preamps ON channels:
2015-03-26 17:59:35.830 Channel Sensitivities (uV per count):
2015-03-26 17:59:35.830 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-26 17:59:35.830 Digitizer Calibration Results:
2015-03-26 17:59:35.830 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-26 17:59:35.830 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-26 17:59:35.830 DMU1 Software Version=10
2015-03-26 17:59:35.830 Supply Voltage=12.5
2015-03-26 17:59:35.830 Supply Current=0.41
2015-03-26 17:59:35.830 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-26 17:59:35.830 WebLink Data Maps Restored
2015-03-26 17:59:35.830 [2015-03-26 05:58:40.000000] sequence resumes: 30599629 to
30599629
2015-03-26 17:59:35.830 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-26 17:59:34
2015-03-26 18:05:05.320 Reducing Status Polling Interval
2015-03-26 18:05:05.320 [2015-03-26 18:05:03.999998] total packets received: 44360
2015-03-26 18:05:05.320 [2015-03-26 18:05:03.999998] command timeouts: 6
2015-03-26 18:05:05.320 [2015-03-26 18:05:03.999998] out of window: 53
2015-03-26 18:05:05.320 written: HHZ-1162 HH1-1355 HH2-1397 BDH-445 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2

```

S01\_messages.txt

```

2015-03-26 18:05:05.320 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-24 LDH-25
VMZ-2 VM1-2
2015-03-26 18:05:05.320 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-26 18:05:05.320 [2015-03-26 18:05:03.999998] Done: 4503 recs. seq end:
30643213. run: 325 s
2015-03-27 06:05:58.880
2015-03-27 06:05:58.880 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-27 06:05:58.880 Control Port 2491 Opened
2015-03-27 06:05:58.880 Baler ready on Ethernet
2015-03-27 06:05:58.880 Power Cycled Baler Acknowledged
2015-03-27 06:05:58.880 Commands Accepted by Q330
2015-03-27 06:05:58.880 Access timeout: 300 sec
2015-03-27 06:05:58.880 Control Port 4023 Opened
2015-03-27 06:05:58.880 Data Port 4024 Opened
2015-03-27 06:05:58.880 Registered with Q330
2015-03-27 06:05:58.880 Combination Record Received
2015-03-27 06:05:58.880 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-27 06:05:58.880 Link Reset, starting window sequence: 21599
2015-03-27 06:05:58.880 GPS Receiver ID Received
2015-03-27 06:05:58.880 Manufacturer's Data Received, Property Tag=2017
2015-03-27 06:05:58.880 Digitizer Gain & Offsets Received
2015-03-27 06:05:58.880 Msg From 192.168.200.119:Baler XX-2017 readback. 4503 recs.
seq end: 30643213
2015-03-27 06:05:58.880 Starting to Read DP Tokens
2015-03-27 06:05:58.880 DP Tokens loaded, size=1474 bytes
2015-03-27 06:05:58.880 webserver advertising 192.168.200.119:5380
2015-03-27 06:05:58.880 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-27 06:05:58.880 filters & delay HH1:2@100,Linear all=0.320000
2015-03-27 06:05:58.880 filters & delay HH2:3@100,Linear all=0.320000
2015-03-27 06:05:58.880 filters & delay BDH:4@20,Linear all=1.650000
2015-03-27 06:05:58.880 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-27 06:05:58.880 filters & delay LH1:2@1,Linear all=15.000000
2015-03-27 06:05:58.880 filters & delay LH2:3@1,Linear all=15.000000
2015-03-27 06:05:58.880 filters & delay LDH:4@1,Linear all=15.000000
2015-03-27 06:05:58.880 [2015-03-26 18:05:03.999998] continuity found: 30643213
480708304.000000 Q=100
2015-03-27 06:05:58.880 [2015-03-26 18:05:03.999998] restoring continuity
2015-03-27 06:05:58.880 Sending DT_OPEN
2015-03-27 06:05:58.880 Station: XX-2017
2015-03-27 06:05:58.880 Q330 Serial Number: 0100000DB18FC351
2015-03-27 06:05:58.880 AMB Serial Number: 0100000B6909DD82
2015-03-27 06:05:58.880 Seismo 1 Serial Number: 0000000000000000
2015-03-27 06:05:58.880 Seismo 2 Serial Number: 0000000000000000
2015-03-27 06:05:58.880 QAPCHP 1 Serial Number: 4643206
2015-03-27 06:05:58.880 QAPCHP 2 Serial Number: 3743050
2015-03-27 06:05:58.880 KMI Property Tag Number: 2017
2015-03-27 06:05:58.880 System Software Version: 1.146
2015-03-27 06:05:58.880 Slave Processor Version: 1.11
2015-03-27 06:05:58.880 Calibrator Type: QCAL330
2015-03-27 06:05:58.880 Calibrator Version: 1.8
2015-03-27 06:05:58.880 Auxiliary Board Type: None
2015-03-27 06:05:58.880 Clock Type: Motorola M12
2015-03-27 06:05:58.880 PLD Version: 7.9
2015-03-27 06:05:58.880 Total Hours: 73666.72
2015-03-27 06:05:58.880 Power On Hours: 38297.10
2015-03-27 06:05:58.880 Time of Last Boot: 2014-04-06 02:03:58
2015-03-27 06:05:58.880 Total Number of Boots: 120
2015-03-27 06:05:58.880 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-27 06:05:58.880 Total Number of Re-Syncs: 213
2015-03-27 06:05:58.880 Status Inputs: 00000000
2015-03-27 06:05:58.880 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-27 06:05:58.880 Clock quality: 100%
2015-03-27 06:05:58.880 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0

```

S01\_messages.txt

2015-03-27 06:05:58.880 Clock Phase: 0 usec. max allowed=50000  
 2015-03-27 06:05:58.880 Boom positions:  
 2015-03-27 06:05:58.880 Ch1: -3 Ch2: 7 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-27 06:05:58.880 Analog Status  
 2015-03-27 06:05:58.880 Analog Positive Supply: 5.46v  
 2015-03-27 06:05:58.880 Input Voltage: 13.20V  
 2015-03-27 06:05:58.880 System Temperature: 5C  
 2015-03-27 06:05:58.880 Main Current: 62ma  
 2015-03-27 06:05:58.880 Antenna Current: 0ma  
 2015-03-27 06:05:58.880 GPS Status  
 2015-03-27 06:05:58.880 Time: 06:05:57  
 2015-03-27 06:05:58.880 Date:  
 2015-03-27 06:05:58.880 Fix Type: 1-D  
 2015-03-27 06:05:58.880 Height:  
 2015-03-27 06:05:58.880 Latitude:  
 2015-03-27 06:05:58.880 Longitude:  
 2015-03-27 06:05:58.880 On Time: 0min  
 2015-03-27 06:05:58.880 Sat. Used: 0  
 2015-03-27 06:05:58.880 In View: 0  
 2015-03-27 06:05:58.880 Checksum Errors: 0  
 2015-03-27 06:05:58.880 Last GPS timemark: 2015-03-27 06:05:56  
 2015-03-27 06:05:58.880 PLL Status  
 2015-03-27 06:05:58.880 State: Lock  
 2015-03-27 06:05:58.880 Initial VCO: 2202.382080  
 2015-03-27 06:05:58.880 Time Error: 0.000000  
 2015-03-27 06:05:58.880 RMS VCO: 0.000000  
 2015-03-27 06:05:58.880 Best VCO: 2202.67  
 2015-03-27 06:05:58.880 Seconds Since Track or Lock: 0.0  
 2015-03-27 06:05:58.880 Vco Control: 2202  
 2015-03-27 06:05:58.880 timing mode: external seascan  
 2015-03-27 06:05:58.880 tempco normal  
 2015-03-27 06:05:58.880 PLL update: 10s PLL lock criterion: 5us  
 2015-03-27 06:05:58.880 Pfrac: 150.00  
 2015-03-27 06:05:58.880 VCO slope: -0.0175000  
 2015-03-27 06:05:58.880 VCO intercept: 7.1100001  
 2015-03-27 06:05:58.880 km delta: 600.0000000  
 2015-03-27 06:05:58.880 Logical Port 4 Status  
 2015-03-27 06:05:58.880 Data Packets Sent: 36201152  
 2015-03-27 06:05:58.880 Flood Packets Sent: 0  
 2015-03-27 06:05:58.880 Packets Re-Sent: 56549  
 2015-03-27 06:05:58.880 Sequence Errors: 0  
 2015-03-27 06:05:58.880 Packet Buffer Used: 22858128  
 2015-03-27 06:05:58.880 Physical Port: Ethernet  
 2015-03-27 06:05:58.880 Baler Model: 14 Software Version: 2.28  
 2015-03-27 06:05:58.880 MAC Address: 00:04:FB:00:02:EA  
 2015-03-27 06:05:58.880 Disk Size: 20000669696  
 2015-03-27 06:05:58.880 Percent of 1177 data files in use: 67.8  
 2015-03-27 06:05:58.880 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-27 06:05:58.880 Channel Sensitivities (uV per count):  
 2015-03-27 06:05:58.880 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-27 06:05:58.880 Digitizer Calibration Results:  
 2015-03-27 06:05:58.880 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-27 06:05:58.880 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-27 06:05:58.880 DMU1 Software Version=10  
 2015-03-27 06:05:58.880 Supply voltage=12.6  
 2015-03-27 06:05:58.880 Supply Current=0.42  
 2015-03-27 06:05:58.880 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-27 06:05:58.880 webLink Data Maps Restored  
 2015-03-27 06:05:58.880 [2015-03-26 18:05:03.999998] sequence resumes: 30643213 to  
 30643213  
 2015-03-27 06:05:58.880 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-27 06:05:57  
 2015-03-27 06:08:42.890 [2015-03-27 00:00:00.000000] saving Configuration to Backup

# S01\_messages.txt

## Memory

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2015-03-27 06:11:12.170 Reducing Status Polling Interval
2015-03-27 06:11:12.170 [2015-03-27 06:03:09.999998] total packets received: 51260
2015-03-27 06:11:12.170 [2015-03-27 06:03:09.999998] command timeouts: 6
2015-03-27 06:11:12.170 [2015-03-27 06:03:09.999998] out of window: 59
2015-03-27 06:11:12.170 written: HHZ-1188 HH1-1412 HH2-1433 BDH-447 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-03-27 06:11:12.170 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-24 LH2-24 LDH-26
VMZ-1 VM1-1
2015-03-27 06:11:12.170 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-27 06:11:12.170 [2015-03-27 06:03:09.999998] Done: 4618 recs. seq end:
30686299. run: 334 s
2015-03-27 18:12:31.810
2015-03-27 18:12:31.810 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-27 18:12:31.810 Control Port 2491 Opened
2015-03-27 18:12:31.810 Baler ready on Ethernet
2015-03-27 18:12:31.810 Power Cycled Baler Acknowledged
2015-03-27 18:12:31.810 Commands Accepted by Q330
2015-03-27 18:12:31.810 Access timeout: 300 sec
2015-03-27 18:12:31.810 Control Port 4023 Opened
2015-03-27 18:12:31.810 Data Port 4024 Opened
2015-03-27 18:12:31.810 Registered with Q330
2015-03-27 18:12:31.810 Combination Record Received
2015-03-27 18:12:31.810 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-27 18:12:31.810 Link Reset, starting window sequence: 7225
2015-03-27 18:12:31.810 GPS Receiver ID Received
2015-03-27 18:12:31.810 Manufacturer's Data Received, Property Tag=2017
2015-03-27 18:12:31.810 Digitizer Gain & Offsets Received
2015-03-27 18:12:31.810 Msg From 192.168.200.119:Baler XX-2017 readback. 4618 recs.
seq end: 30686299
2015-03-27 18:12:31.810 Baler clock set to 2015-03-27 18:12:30
2015-03-27 18:12:31.810 Starting to Read DP Tokens
2015-03-27 18:12:31.810 DP Tokens loaded, size=1474 bytes
2015-03-27 18:12:31.810 webserver advertising 192.168.200.119:5380
2015-03-27 18:12:31.810 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-27 18:12:31.810 filters & delay HH1:2@100,Linear all=0.320000
2015-03-27 18:12:31.810 filters & delay HH2:3@100,Linear all=0.320000
2015-03-27 18:12:31.810 filters & delay BDH:4@20,Linear all=1.650000
2015-03-27 18:12:31.810 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-27 18:12:31.810 filters & delay LH1:2@1,Linear all=15.000000
2015-03-27 18:12:31.810 filters & delay LH2:3@1,Linear all=15.000000
2015-03-27 18:12:31.810 filters & delay LDH:4@1,Linear all=15.000000
2015-03-27 18:12:31.810 [2015-03-27 06:03:09.999998] continuity found: 30686299
480751390.000000 Q=100
2015-03-27 18:12:31.810 [2015-03-27 06:03:09.999998] restoring continuity
2015-03-27 18:12:31.810 Sending DT_OPEN
2015-03-27 18:12:31.810 Station: XX-2017
2015-03-27 18:12:31.810 Q330 Serial Number: 0100000DB18FC351
2015-03-27 18:12:31.810 AMB Serial Number: 0100000B6909DD82
2015-03-27 18:12:31.810 Seismo 1 Serial Number: 0000000000000000
2015-03-27 18:12:31.810 Seismo 2 Serial Number: 0000000000000000
2015-03-27 18:12:31.810 QAPCHP 1 Serial Number: 4643206
2015-03-27 18:12:31.810 QAPCHP 2 Serial Number: 3743050
2015-03-27 18:12:31.810 KMI Property Tag Number: 2017
2015-03-27 18:12:31.810 System Software Version: 1.146
2015-03-27 18:12:31.810 Slave Processor Version: 1.11
2015-03-27 18:12:31.810 Calibrator Type: QCAL330
2015-03-27 18:12:31.810 Calibrator Version: 1.8
2015-03-27 18:12:31.810 Auxiliary Board Type: None
2015-03-27 18:12:31.810 Clock Type: Motorola M12
2015-03-27 18:12:31.810 PLD Version: 7.9
2015-03-27 18:12:31.810 Total Hours: 73678.83
2015-03-27 18:12:31.810 Power On Hours: 38309.21

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S01\_messages.txt

2015-03-27 18:12:31.810 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-27 18:12:31.810 Total Number of Boots: 120  
 2015-03-27 18:12:31.810 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-27 18:12:31.810 Total Number of Re-Syncs: 213  
 2015-03-27 18:12:31.810 Status Inputs: 00000000  
 2015-03-27 18:12:31.810 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-27 18:12:31.810 Clock Quality: 100%  
 2015-03-27 18:12:31.810 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-27 18:12:31.810 Clock Phase: 0 usec. max allowed=50000  
 2015-03-27 18:12:31.810 Boom positions:  
 2015-03-27 18:12:31.810 ch1: -3 ch2: 7 ch3: -6 ch4: 20 ch5: 20 ch6: 20  
 2015-03-27 18:12:31.810 Analog Status  
 2015-03-27 18:12:31.810 Analog Positive Supply: 5.46V  
 2015-03-27 18:12:31.810 Input Voltage: 13.20V  
 2015-03-27 18:12:31.810 System Temperature: 5C  
 2015-03-27 18:12:31.810 Main Current: 62ma  
 2015-03-27 18:12:31.810 Antenna Current: 0ma  
 2015-03-27 18:12:31.810 GPS Status  
 2015-03-27 18:12:31.810 Time: 18:12:30  
 2015-03-27 18:12:31.810 Date:  
 2015-03-27 18:12:31.810 Fix Type: 1-D  
 2015-03-27 18:12:31.810 Height:  
 2015-03-27 18:12:31.810 Latitude:  
 2015-03-27 18:12:31.810 Longitude:  
 2015-03-27 18:12:31.810 On Time: 0min  
 2015-03-27 18:12:31.810 Sat. Used: 0  
 2015-03-27 18:12:31.810 In View: 0  
 2015-03-27 18:12:31.810 Checksum Errors: 0  
 2015-03-27 18:12:31.810 Last GPS timemark: 2015-03-27 18:12:29  
 2015-03-27 18:12:31.810 PLL Status  
 2015-03-27 18:12:31.810 State: Lock  
 2015-03-27 18:12:31.810 Initial VCO: 2202.555664  
 2015-03-27 18:12:31.810 Time Error: 0.000000  
 2015-03-27 18:12:31.810 RMS VCO: 0.0000000  
 2015-03-27 18:12:31.810 Best VCO: 2202.57  
 2015-03-27 18:12:31.810 Seconds Since Track or Lock: 0.0  
 2015-03-27 18:12:31.810 Vco Control: 2202  
 2015-03-27 18:12:31.810 timing mode: external seascan  
 2015-03-27 18:12:31.810 tempco normal  
 2015-03-27 18:12:31.810 PLL update: 10s PLL lock criterion: 5us  
 2015-03-27 18:12:31.810 Pfrac: 150.00  
 2015-03-27 18:12:31.810 VCO slope: -0.0175000  
 2015-03-27 18:12:31.810 VCO intercept: 7.1100001  
 2015-03-27 18:12:31.810 Km delta: 600.0000000  
 2015-03-27 18:12:31.810 Logical Port 4 Status  
 2015-03-27 18:12:31.810 Data Packets Sent: 36252319  
 2015-03-27 18:12:31.810 Flood Packets Sent: 0  
 2015-03-27 18:12:31.810 Packets Re-Sent: 56632  
 2015-03-27 18:12:31.810 Sequence Errors: 0  
 2015-03-27 18:12:31.810 Packet Buffer Used: 23998688  
 2015-03-27 18:12:31.810 Physical Port: Ethernet  
 2015-03-27 18:12:31.810 Baler Model: 14 Software version: 2.28  
 2015-03-27 18:12:31.810 Disk Size: 20000669696  
 2015-03-27 18:12:31.810 Percent of 1177 data files in use: 67.9  
 2015-03-27 18:12:31.810 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-27 18:12:31.810 Channel Sensitivities (uV per count):  
 2015-03-27 18:12:31.810 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-27 18:12:31.810 Digitizer Calibration Results:  
 2015-03-27 18:12:31.810 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-27 18:12:31.810 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-27 18:12:31.810 DMU1 Software Version=10  
 2015-03-27 18:12:31.810 Supply Voltage=12.5  
 2015-03-27 18:12:31.810 Supply Current=0.41

S01\_messages.txt

2015-03-27 18:12:31.810 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-27 18:12:31.810 WebLink Data Maps Restored  
 2015-03-27 18:12:31.810 [2015-03-27 06:03:09.999998] sequence resumes: 30686299 to 30686299  
 2015-03-27 18:12:31.810 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-27 18:12:30  
 2015-03-27 18:18:40.470 [2015-03-27 18:18:38.999998] total packets received: 65715  
 2015-03-27 18:18:40.470 [2015-03-27 18:18:38.999998] command timeouts: 6  
 2015-03-27 18:18:40.470 [2015-03-27 18:18:38.999998] out of window: 65  
 2015-03-27 18:18:40.470 written: HHZ-1286 HH1-1526 HH2-1519 BDH-460 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-27 18:18:40.470 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-28 LH2-27 LDH-32  
 VMZ-1 VM1-1  
 2015-03-27 18:18:40.470 written: VM2-1 LOG-2 ACE-1 OCF-1  
 2015-03-27 18:18:40.470 [2015-03-27 18:18:38.999998] Done: 4945 recs. seq end: 30730428. run: 365 s  
 2015-03-28 06:19:36.880  
 2015-03-28 06:19:36.880 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-28 06:19:36.880 Control Port 2491 Opened  
 2015-03-28 06:19:36.880 Baler ready on Ethernet  
 2015-03-28 06:19:36.880 Power Cycled Baler Acknowledged  
 2015-03-28 06:19:36.880 Commands Accepted by Q330  
 2015-03-28 06:19:36.880 Access timeout: 300 sec  
 2015-03-28 06:19:36.880 Control Port 4023 Opened  
 2015-03-28 06:19:36.880 Data Port 4024 Opened  
 2015-03-28 06:19:36.880 Registered with Q330  
 2015-03-28 06:19:36.880 Combination Record Received  
 2015-03-28 06:19:36.880 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-28 06:19:36.880 Link Reset, starting window sequence: 7301  
 2015-03-28 06:19:36.880 GPS Receiver ID Received  
 2015-03-28 06:19:36.880 Manufacturer's Data Received, Property Tag=2017  
 2015-03-28 06:19:36.880 Digitizer Gain & Offsets Received  
 2015-03-28 06:19:36.880 Msg From 192.168.200.119:Baler XX-2017 readback. 4945 recs. seq end: 30730428  
 2015-03-28 06:19:36.880 Baler clock set to 2015-03-28 06:19:35  
 2015-03-28 06:19:36.880 Starting to Read DP Tokens  
 2015-03-28 06:19:36.880 DP Tokens loaded, size=1474 bytes  
 2015-03-28 06:19:36.880 webserver advertising 192.168.200.119:5380  
 2015-03-28 06:19:36.880 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-28 06:19:36.880 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-28 06:19:36.880 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-28 06:19:36.880 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-28 06:19:36.880 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-28 06:19:36.880 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-28 06:19:36.880 filters & delay LH2:3@1,Linear all=15.000000  
 2015-03-28 06:19:36.880 filters & delay LDH:4@1,Linear all=15.000000  
 2015-03-28 06:19:36.880 [2015-03-27 18:18:38.999998] continuity found: 30730428  
 480795519.000000 Q=100  
 2015-03-28 06:19:36.880 [2015-03-27 18:18:38.999998] restoring continuity  
 2015-03-28 06:19:36.880 Sending DT\_OPEN  
 2015-03-28 06:19:36.880 Station: XX-2017  
 2015-03-28 06:19:36.880 Q330 Serial Number: 0100000DB18FC351  
 2015-03-28 06:19:36.880 AMB Serial Number: 0100000B6909DD82  
 2015-03-28 06:19:36.880 Seismo 1 Serial Number: 0000000000000000  
 2015-03-28 06:19:36.880 Seismo 2 Serial Number: 0000000000000000  
 2015-03-28 06:19:36.880 QAPCHP 1 Serial Number: 4643206  
 2015-03-28 06:19:36.880 QAPCHP 2 Serial Number: 3743050  
 2015-03-28 06:19:36.880 KMI Property Tag Number: 2017  
 2015-03-28 06:19:36.880 System Software Version: 1.146  
 2015-03-28 06:19:36.880 Slave Processor Version: 1.11  
 2015-03-28 06:19:36.880 Calibrator Type: QCAL330  
 2015-03-28 06:19:36.880 Calibrator Version: 1.8  
 2015-03-28 06:19:36.880 Auxiliary Board Type: None



S01\_messages.txt

2015-03-28 06:19:36.880 Clock Type: Motorola M12  
 2015-03-28 06:19:36.880 PLD Version: 7.9  
 2015-03-28 06:19:36.880 Total Hours: 73690.95  
 2015-03-28 06:19:36.880 Power On Hours: 38321.33  
 2015-03-28 06:19:36.880 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-28 06:19:36.880 Total Number of Boots: 120  
 2015-03-28 06:19:36.880 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-28 06:19:36.880 Total Number of Re-Syncs: 213  
 2015-03-28 06:19:36.880 Status Inputs: 00000000  
 2015-03-28 06:19:36.880 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-03-28 06:19:36.880 Clock Quality: 100%  
 2015-03-28 06:19:36.880 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-28 06:19:36.880 Clock Phase: 1 usec. max allowed=50000  
 2015-03-28 06:19:36.880 Boom positions:  
 2015-03-28 06:19:36.880 Ch1: -3 Ch2: 7 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-28 06:19:36.880 Analog Status  
 2015-03-28 06:19:36.880 Analog Positive Supply: 5.46V  
 2015-03-28 06:19:36.880 Input Voltage: 13.20V  
 2015-03-28 06:19:36.880 System Temperature: 5C  
 2015-03-28 06:19:36.880 Main Current: 61ma  
 2015-03-28 06:19:36.880 Antenna Current: 0ma  
 2015-03-28 06:19:36.880 GPS Status  
 2015-03-28 06:19:36.880 Time: 06:19:35  
 2015-03-28 06:19:36.880 Date:  
 2015-03-28 06:19:36.880 Fix Type: 1-D  
 2015-03-28 06:19:36.880 Height:  
 2015-03-28 06:19:36.880 Latitude:  
 2015-03-28 06:19:36.880 Longitude:  
 2015-03-28 06:19:36.880 On Time: 0min  
 2015-03-28 06:19:36.880 Sat. Used: 0  
 2015-03-28 06:19:36.880 In View: 0  
 2015-03-28 06:19:36.880 Checksum Errors: 0  
 2015-03-28 06:19:36.880 Last GPS timemark: 2015-03-28 06:19:34  
 2015-03-28 06:19:36.880 PLL Status  
 2015-03-28 06:19:36.880 State: Lock  
 2015-03-28 06:19:36.880 Initial VCO: 2202.272217  
 2015-03-28 06:19:36.880 Time Error: -0.000001  
 2015-03-28 06:19:36.880 RMS VCO: 0.0000000  
 2015-03-28 06:19:36.880 Best VCO: 2202.37  
 2015-03-28 06:19:36.880 Seconds Since Track or Lock: 0.0  
 2015-03-28 06:19:36.880 Vco Control: 2203  
 2015-03-28 06:19:36.880 timing mode: external seascan  
 2015-03-28 06:19:36.880 tempco normal  
 2015-03-28 06:19:36.880 PLL update: 10s PLL lock criterion: 5us  
 2015-03-28 06:19:36.880 Pfrac: 150.00  
 2015-03-28 06:19:36.880 VCO slope: -0.0175000  
 2015-03-28 06:19:36.880 VCO intercept: 7.1100001  
 2015-03-28 06:19:36.880 Km delta: 600.0000000  
 2015-03-28 06:19:36.880 Logical Port 4 Status  
 2015-03-28 06:19:36.880 Data Packets Sent: 36317937  
 2015-03-28 06:19:36.880 Flood Packets Sent: 0  
 2015-03-28 06:19:36.880 Packets Re-Sent: 56716  
 2015-03-28 06:19:36.880 Sequence Errors: 0  
 2015-03-28 06:19:36.880 Packet Buffer Used: 24497076  
 2015-03-28 06:19:36.880 Physical Port: Ethernet  
 2015-03-28 06:19:36.880 Baler Model: 14 Software Version: 2.28  
 2015-03-28 06:19:36.880 MAC Address: 00:04:FB:00:02:EA  
 2015-03-28 06:19:36.880 Disk Size: 20000669696  
 2015-03-28 06:19:36.880 Percent of 1177 data files in use: 68.1  
 2015-03-28 06:19:36.880 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-28 06:19:36.880 Channel Sensitivities (uV per count):  
 2015-03-28 06:19:36.880 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-28 06:19:36.880 Digitizer Calibration Results:

```

S01_messages.txt
2015-03-28 06:19:36.880 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-28 06:19:36.880 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-28 06:19:36.880 DMU1 Software Version=10
2015-03-28 06:19:36.880 Supply Voltage=12.7
2015-03-28 06:19:36.880 Supply Current=0.41
2015-03-28 06:19:36.880 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-28 06:19:36.880 WebLink Data Maps Restored
2015-03-28 06:19:36.880 [2015-03-27 18:18:38.999998] sequence resumes: 30730428 to
30730428
2015-03-28 06:19:36.880 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-28 06:19:35
2015-03-28 06:22:32.640 [2015-03-28 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-28 06:26:05.370 [2015-03-28 06:24:23.000000] total packets received: 76507
2015-03-28 06:26:05.370 [2015-03-28 06:24:23.000000] command timeouts: 6
2015-03-28 06:26:05.370 [2015-03-28 06:24:23.000000] out of window: 76
2015-03-28 06:26:05.370 written: HHZ-1321 HH1-1564 HH2-1565 BDH-458 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-03-28 06:26:05.370 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-26 LH1-37 LH2-37 LDH-43
VMZ-2 VM1-2
2015-03-28 06:26:05.370 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-28 06:26:05.370 [2015-03-28 06:24:23.000000] Done: 5100 recs. seq end:
30773972. run: 385 s
2015-03-28 18:26:56.890
2015-03-28 18:26:56.890 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-28 18:26:56.890 Control Port 2491 Opened
2015-03-28 18:26:56.890 Baler ready on Ethernet
2015-03-28 18:26:56.890 Power Cycled Baler Acknowledged
2015-03-28 18:26:56.890 Commands Accepted by Q330
2015-03-28 18:26:56.890 Access timeout: 300 sec
2015-03-28 18:26:56.890 Control Port 4023 Opened
2015-03-28 18:26:56.890 Data Port 4024 Opened
2015-03-28 18:26:56.890 Registered with Q330
2015-03-28 18:26:56.890 Combination Record Received
2015-03-28 18:26:56.890 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-28 18:26:56.890 Link Reset, starting window sequence: 18156
2015-03-28 18:26:56.890 GPS Receiver ID Received
2015-03-28 18:26:56.890 Manufacturer's Data Received, Property Tag=2017
2015-03-28 18:26:56.890 Digitizer Gain & Offsets Received
2015-03-28 18:26:56.890 Msg From 192.168.200.119:Baler XX-2017 readback. 5100 recs.
seq end: 30773972
2015-03-28 18:26:56.890 Baler clock set to 2015-03-28 18:26:55
2015-03-28 18:26:56.890 Starting to Read DP Tokens
2015-03-28 18:26:56.890 DP Tokens loaded, size=1474 bytes
2015-03-28 18:26:56.890 Webserver advertising 192.168.200.119:5380
2015-03-28 18:26:56.890 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-28 18:26:56.890 filters & delay HH1:2@100,Linear all=0.320000
2015-03-28 18:26:56.890 filters & delay HH2:3@100,Linear all=0.320000
2015-03-28 18:26:56.890 filters & delay BDH:4@20,Linear all=1.650000
2015-03-28 18:26:56.890 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-28 18:26:56.890 filters & delay LH1:2@1,Linear all=15.000000
2015-03-28 18:26:56.890 filters & delay LH2:3@1,Linear all=15.000000
2015-03-28 18:26:56.890 filters & delay LDH:4@1,Linear all=15.000000
2015-03-28 18:26:56.890 [2015-03-28 06:24:23.000000] continuity found: 30773972
480839063.000000 Q=100
2015-03-28 18:26:56.890 [2015-03-28 06:24:23.000000] restoring continuity
2015-03-28 18:26:56.890 Sending DT_OPEN
2015-03-28 18:26:56.890 Station: XX-2017
2015-03-28 18:26:56.890 Q330 Serial Number: 0100000DB18FC351
2015-03-28 18:26:56.890 AMB Serial Number: 0100000B6909DD82
2015-03-28 18:26:56.890 Seismo 1 Serial Number: 0000000000000000
2015-03-28 18:26:56.890 Seismo 2 Serial Number: 0000000000000000
2015-03-28 18:26:56.890 QAPCHP 1 Serial Number: 4643206

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S01\_messages.txt

2015-03-28 18:26:56.890 QAPCHP 2 Serial Number: 3743050  
 2015-03-28 18:26:56.890 KMI Property Tag Number: 2017  
 2015-03-28 18:26:56.890 System Software Version: 1.146  
 2015-03-28 18:26:56.890 Slave Processor Version: 1.11  
 2015-03-28 18:26:56.890 Calibrator Type: QCAL330  
 2015-03-28 18:26:56.890 Calibrator Version: 1.8  
 2015-03-28 18:26:56.890 Auxiliary Board Type: None  
 2015-03-28 18:26:56.890 Clock Type: Motorola M12  
 2015-03-28 18:26:56.890 PLD Version: 7.9  
 2015-03-28 18:26:56.890 Total Hours: 73703.07  
 2015-03-28 18:26:56.890 Power On Hours: 38333.45  
 2015-03-28 18:26:56.890 Total Number of Boots: 120  
 2015-03-28 18:26:56.890 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-28 18:26:56.890 Total Number of Re-Syncs: 213  
 2015-03-28 18:26:56.890 Status Inputs: 00000000  
 2015-03-28 18:26:56.890 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-03-28 18:26:56.890 Clock Quality: 100%  
 2015-03-28 18:26:56.890 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-28 18:26:56.890 Clock Phase: 0 usec. max allowed=50000  
 2015-03-28 18:26:56.890 Boom positions:  
 2015-03-28 18:26:56.890 ch1: -3 ch2: 7 ch3: -5 ch4: 20 ch5: 20 ch6: 20  
 2015-03-28 18:26:56.890 Analog Status  
 2015-03-28 18:26:56.890 Analog Positive Supply: 5.46V  
 2015-03-28 18:26:56.890 Input Voltage: 13.20V  
 2015-03-28 18:26:56.890 System Temperature: 5C  
 2015-03-28 18:26:56.890 Main Current: 66ma  
 2015-03-28 18:26:56.890 Antenna Current: 0ma  
 2015-03-28 18:26:56.890 GPS Status  
 2015-03-28 18:26:56.890 Time: 18:26:55  
 2015-03-28 18:26:56.890 Date:  
 2015-03-28 18:26:56.890 Fix Type: 1-D  
 2015-03-28 18:26:56.890 Height:  
 2015-03-28 18:26:56.890 Latitude:  
 2015-03-28 18:26:56.890 Longitude:  
 2015-03-28 18:26:56.890 On Time: 0min  
 2015-03-28 18:26:56.890 Sat. Used: 0  
 2015-03-28 18:26:56.890 In View: 0  
 2015-03-28 18:26:56.890 Checksum Errors: 0  
 2015-03-28 18:26:56.890 Last GPS timemark: 2015-03-28 18:26:54  
 2015-03-28 18:26:56.890 PLL Status  
 2015-03-28 18:26:56.890 State: Lock  
 2015-03-28 18:26:56.890 Initial VCO: 2201.999756  
 2015-03-28 18:26:56.890 Time Error: 0.000000  
 2015-03-28 18:26:56.890 RMS VCO: 0.0000000  
 2015-03-28 18:26:56.890 Best VCO: 2202.00  
 2015-03-28 18:26:56.890 Seconds Since Track or Lock: 0.0  
 2015-03-28 18:26:56.890 Vco Control: 2202  
 2015-03-28 18:26:56.890 timing mode: external seascan  
 2015-03-28 18:26:56.890 tempco normal  
 2015-03-28 18:26:56.890 PLL update: 10s PLL lock criterion: 5us  
 2015-03-28 18:26:56.890 Pfrac: 150.00  
 2015-03-28 18:26:56.890 VCO slope: -0.0175000  
 2015-03-28 18:26:56.890 VCO intercept: 7.1100001  
 2015-03-28 18:26:56.890 Km delta: 600.0000000  
 2015-03-28 18:26:56.890 Logical Port 4 Status  
 2015-03-28 18:26:56.890 Data Packets Sent: 36394335  
 2015-03-28 18:26:56.890 Flood Packets Sent: 0  
 2015-03-28 18:26:56.890 Packets Re-Sent: 56810  
 2015-03-28 18:26:56.890 Sequence Errors: 0  
 2015-03-28 18:26:56.890 Packet Buffer Used: 25052820  
 2015-03-28 18:26:56.890 Physical Port: Ethernet  
 2015-03-28 18:26:56.890 Baler Model: 14 Software Version: 2.28  
 2015-03-28 18:26:56.890 MAC Address: 00:04:FB:00:02:EA

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2015-03-28 18:26:56.890 Disk Size: 20000669696
2015-03-28 18:26:56.890 Percent of 1177 data files in use: 68.1
2015-03-28 18:26:56.890 Channels Enabled: 1234 Preamps ON channels:
2015-03-28 18:26:56.890 Channel Sensitivities (uV per count):
2015-03-28 18:26:56.890 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-28 18:26:56.890 Digitizer Calibration Results:
2015-03-28 18:26:56.890 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-28 18:26:56.890 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-28 18:26:56.890 DMU1 Software Version=10
2015-03-28 18:26:56.890 Supply Voltage=12.7
2015-03-28 18:26:56.890 Supply Current=0.40
2015-03-28 18:26:56.890 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-28 18:26:56.890 WebLink Data Maps Restored
2015-03-28 18:26:56.890 [2015-03-28 06:24:23.000000] sequence resumes overlapping:
30773972 to 30773971
2015-03-28 18:26:56.890 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-28 18:26:55
2015-03-28 18:33:31.360 Reducing Status Polling Interval
2015-03-28 18:33:31.360 [2015-03-28 18:33:29.999998] total packets received: 81023
2015-03-28 18:33:31.360 [2015-03-28 18:33:29.999998] command timeouts: 6
2015-03-28 18:33:31.360 [2015-03-28 18:33:29.999998] out of window: 74
2015-03-28 18:33:31.360 written: HHZ-1368 HH1-1599 HH2-1616 BDH-462 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-03-28 18:33:31.360 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-30 LH1-40 LH2-41 LDH-45
VMZ-2 VM1-2
2015-03-28 18:33:31.360 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-2
2015-03-28 18:33:31.360 [2015-03-28 18:33:29.999998] Done: 5241 recs. seq end:
30817719. run: 392 s
2015-03-29 06:34:28.820
2015-03-29 06:34:28.820 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-29 06:34:28.820 Control Port 2491 Opened
2015-03-29 06:34:28.820 Baler ready on Ethernet
2015-03-29 06:34:28.820 Power Cycled Baler Acknowledged
2015-03-29 06:34:28.820 Commands Accepted by Q330
2015-03-29 06:34:28.820 Access timeout: 300 sec
2015-03-29 06:34:28.820 Control Port 4023 Opened
2015-03-29 06:34:28.820 Data Port 4024 Opened
2015-03-29 06:34:28.820 Registered with Q330
2015-03-29 06:34:28.820 Combination Record Received
2015-03-29 06:34:28.820 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-29 06:34:28.820 Link Reset, starting window sequence: 33529
2015-03-29 06:34:28.820 GPS Receiver ID Received
2015-03-29 06:34:28.820 Manufacturer's Data Received, Property Tag=2017
2015-03-29 06:34:28.820 Digitizer Gain & Offsets Received
2015-03-29 06:34:28.820 Msg From 192.168.200.119:Baler XX-2017 readback. 5241 recs.
seq end: 30817719
2015-03-29 06:34:28.820 Baler clock set to 2015-03-29 06:34:27
2015-03-29 06:34:28.820 Starting to Read DP Tokens
2015-03-29 06:34:28.820 DP Tokens loaded, size=1474 bytes
2015-03-29 06:34:28.820 Webserver advertising 192.168.200.119:5380
2015-03-29 06:34:28.820 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-29 06:34:28.820 filters & delay HH1:2@100,Linear all=0.320000
2015-03-29 06:34:28.820 filters & delay HH2:3@100,Linear all=0.320000
2015-03-29 06:34:28.820 filters & delay BDH:4@20,Linear all=1.650000
2015-03-29 06:34:28.820 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-29 06:34:28.820 filters & delay LH1:2@1,Linear all=15.000000
2015-03-29 06:34:28.820 filters & delay LH2:3@1,Linear all=15.000000
2015-03-29 06:34:28.820 filters & delay LDH:4@1,Linear all=15.000000
2015-03-29 06:34:28.820 [2015-03-28 18:33:29.999998] continuity found: 30817719
480882810.000000 Q=100
2015-03-29 06:34:28.820 [2015-03-28 18:33:29.999998] restoring continuity
2015-03-29 06:34:28.820 Sending DT_OPEN
2015-03-29 06:34:28.820 Station: XX-2017

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2015-03-29 06:34:28.820 Q330 Serial Number: 0100000DB18FC351  
 2015-03-29 06:34:28.820 AMB Serial Number: 0100000B6909DD82  
 2015-03-29 06:34:28.820 Seismo 1 Serial Number: 0000000000000000  
 2015-03-29 06:34:28.820 Seismo 2 Serial Number: 0000000000000000  
 2015-03-29 06:34:28.820 QAPCHP 1 Serial Number: 4643206  
 2015-03-29 06:34:28.820 QAPCHP 2 Serial Number: 3743050  
 2015-03-29 06:34:28.820 KMI Property Tag Number: 2017  
 2015-03-29 06:34:28.820 System Software Version: 1.146  
 2015-03-29 06:34:28.820 Slave Processor Version: 1.11  
 2015-03-29 06:34:28.820 Calibrator Type: QCAL330  
 2015-03-29 06:34:28.820 Calibrator Version: 1.8  
 2015-03-29 06:34:28.820 Auxiliary Board Type: None  
 2015-03-29 06:34:28.820 Clock Type: Motorola M12  
 2015-03-29 06:34:28.820 PLD Version: 7.9  
 2015-03-29 06:34:28.820 Total Hours: 73715.19  
 2015-03-29 06:34:28.820 Power On Hours: 38345.58  
 2015-03-29 06:34:28.820 Time of Last Boot: 2014-04-06 02:03:58  
 2015-03-29 06:34:28.820 Total Number of Boots: 120  
 2015-03-29 06:34:28.820 Time of Last Re-Sync: 2014-04-06 02:17:08  
 2015-03-29 06:34:28.820 Total Number of Re-Syncs: 213  
 2015-03-29 06:34:28.820 Status Inputs: 00000000  
 2015-03-29 06:34:28.820 AC OK: Off, Input 1,2: Off,Off, Analog Fault: off  
 2015-03-29 06:34:28.820 Clock Quality: 100%  
 2015-03-29 06:34:28.820 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-03-29 06:34:28.820 Clock Phase: 0 usec. max allowed=50000  
 2015-03-29 06:34:28.820 Boom positions:  
 2015-03-29 06:34:28.820 Ch1: -3 Ch2: 6 Ch3: -4 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-03-29 06:34:28.820 Analog Status  
 2015-03-29 06:34:28.820 Analog Positive Supply: 5.46V  
 2015-03-29 06:34:28.820 Input Voltage: 13.05V  
 2015-03-29 06:34:28.820 System Temperature: 5C  
 2015-03-29 06:34:28.820 Main Current: 62ma  
 2015-03-29 06:34:28.820 Antenna Current: 0ma  
 2015-03-29 06:34:28.820 GPS Status  
 2015-03-29 06:34:28.820 Time: 06:34:27  
 2015-03-29 06:34:28.820 Date:  
 2015-03-29 06:34:28.820 Fix Type: 1-D  
 2015-03-29 06:34:28.820 Height:  
 2015-03-29 06:34:28.820 Latitude:  
 2015-03-29 06:34:28.820 Longitude:  
 2015-03-29 06:34:28.820 On Time: 0min  
 2015-03-29 06:34:28.820 Sat. Used: 0  
 2015-03-29 06:34:28.820 In View: 0  
 2015-03-29 06:34:28.820 Checksum Errors: 0  
 2015-03-29 06:34:28.820 Last GPS timemark: 2015-03-29 06:34:26  
 2015-03-29 06:34:28.820 PLL Status  
 2015-03-29 06:34:28.820 State: Lock  
 2015-03-29 06:34:28.820 Initial VCO: 2201.649658  
 2015-03-29 06:34:28.820 Time Error: 0.000000  
 2015-03-29 06:34:28.820 RMS VCO: 0.0000000  
 2015-03-29 06:34:28.820 Best VCO: 2201.71  
 2015-03-29 06:34:28.820 Seconds Since Track or Lock: 0.0  
 2015-03-29 06:34:28.820 Vco Control: 2202  
 2015-03-29 06:34:28.820 timing mode: external seascan  
 2015-03-29 06:34:28.820 tempco normal  
 2015-03-29 06:34:28.820 PLL update: 10s PLL lock criterion: 5us  
 2015-03-29 06:34:28.820 Pfrac: 150.00  
 2015-03-29 06:34:28.820 VCO slope: -0.0175000  
 2015-03-29 06:34:28.820 VCO intercept: 7.1100001  
 2015-03-29 06:34:28.820 Km delta: 600.0000000  
 2015-03-29 06:34:28.820 Logical Port 4 Status  
 2015-03-29 06:34:28.820 Data Packets Sent: 36475250  
 2015-03-29 06:34:28.820 Flood Packets Sent: 0

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2015-03-29 06:34:28.820 Packets Re-Sent: 56901  
 2015-03-29 06:34:28.820 Sequence Errors: 0  
 2015-03-29 06:34:28.820 Packet Buffer Used: 24101836  
 2015-03-29 06:34:28.820 Physical Port: Ethernet  
 2015-03-29 06:34:28.820 Baler Model: 14 Software Version: 2.28  
 2015-03-29 06:34:28.820 MAC Address: 00:04:FB:00:02:EA  
 2015-03-29 06:34:28.820 Disk Size: 20000669696  
 2015-03-29 06:34:28.820 Percent of 1177 data files in use: 68.2  
 2015-03-29 06:34:28.820 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-29 06:34:28.820 Channel Sensitivities (uV per count):  
 2015-03-29 06:34:28.820 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-29 06:34:28.820 Digitizer Calibration Results:  
 2015-03-29 06:34:28.820 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-29 06:34:28.820 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-29 06:34:28.820 DMU1 Software Version=10  
 2015-03-29 06:34:28.820 Supply Voltage=12.6  
 2015-03-29 06:34:28.820 Supply Current=0.40  
 2015-03-29 06:34:28.820 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-29 06:34:28.820 webLink Data Maps Restored  
 2015-03-29 06:34:28.820 [2015-03-28 18:33:29.999998] sequence resumes: 30817719 to 30817719  
 2015-03-29 06:34:28.820 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-03-29 06:34:27  
 2015-03-29 06:37:20.730 [2015-03-29 00:00:00.000000] Saving Configuration to Backup Memory  
 2015-03-29 06:40:36.760 [2015-03-29 06:30:41.000000] total packets received: 70814  
 2015-03-29 06:40:36.760 [2015-03-29 06:30:41.000000] command timeouts: 6  
 2015-03-29 06:40:36.760 [2015-03-29 06:30:41.000000] out of window: 62  
 2015-03-29 06:40:36.760 written: HHZ-1278 HH1-1491 HH2-1533 BDH-452 VEP-1 VEC-2  
 VEA-1 VKI-1 VCO-1  
 2015-03-29 06:40:36.760 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-25 LH1-35 LH2-36 LDH-43  
 VMZ-1 VM1-1  
 2015-03-29 06:40:36.760 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2  
 2015-03-29 06:40:36.760 [2015-03-29 06:30:41.000000] Done: 4936 recs. seq end: 30860750. run: 365 s  
 2015-03-29 18:41:32.840  
 2015-03-29 18:41:32.840 Quanterra Packet Baler Model 14 Restart. Version 2.28  
 2015-03-29 18:41:32.840 Control Port 2491 Opened  
 2015-03-29 18:41:32.840 Baler ready on Ethernet  
 2015-03-29 18:41:32.840 Power Cycled Baler Acknowledged  
 2015-03-29 18:41:32.840 Commands Accepted by Q330  
 2015-03-29 18:41:32.840 Control Port 4023 Opened  
 2015-03-29 18:41:32.840 Data Port 4024 Opened  
 2015-03-29 18:41:32.840 Registered with Q330  
 2015-03-29 18:41:32.840 Combination Record Received  
 2015-03-29 18:41:32.840 Window=4 Min. Timeout=10 Max. Timeout=30  
 2015-03-29 18:41:32.840 Link Reset, starting window sequence: 38708  
 2015-03-29 18:41:32.840 GPS Receiver ID Received  
 2015-03-29 18:41:32.840 Manufacturer's Data Received, Property Tag=2017  
 2015-03-29 18:41:32.840 Digitizer Gain & Offsets Received  
 2015-03-29 18:41:32.840 Msg From 192.168.200.119:Baler XX-2017 readback. 4936 recs. seq end: 30860750  
 2015-03-29 18:41:32.840 Baler clock set to 2015-03-29 18:41:31  
 2015-03-29 18:41:32.840 Starting to Read DP Tokens  
 2015-03-29 18:41:32.840 DP Tokens loaded, size=1474 bytes  
 2015-03-29 18:41:32.840 Webserver advertising 192.168.200.119:5380  
 2015-03-29 18:41:32.840 filters & delay HHZ:1@100,Linear all=0.320000  
 2015-03-29 18:41:32.840 filters & delay HH1:2@100,Linear all=0.320000  
 2015-03-29 18:41:32.840 filters & delay HH2:3@100,Linear all=0.320000  
 2015-03-29 18:41:32.840 filters & delay BDH:4@20,Linear all=1.650000  
 2015-03-29 18:41:32.840 filters & delay LHZ:1@1,Linear all=15.000000  
 2015-03-29 18:41:32.840 filters & delay LH1:2@1,Linear all=15.000000  
 2015-03-29 18:41:32.840 filters & delay LH2:3@1,Linear all=15.000000

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2015-03-29 18:41:32.840 filters & delay LDH:4@1,Linear all=15.000000
2015-03-29 18:41:32.840 [2015-03-29 06:30:41.000000] continuity found: 30860750
480925841.000000 Q=100
2015-03-29 18:41:32.840 [2015-03-29 06:30:41.000000] restoring continuity
2015-03-29 18:41:32.840 Sending DT_OPEN
2015-03-29 18:41:32.840 Station: XX-2017
2015-03-29 18:41:32.840 Q330 Serial Number: 0100000DB18FC351
2015-03-29 18:41:32.840 AMB Serial Number: 0100000B6909DD82
2015-03-29 18:41:32.840 Seismo 1 Serial Number: 0000000000000000
2015-03-29 18:41:32.840 Seismo 2 Serial Number: 0000000000000000
2015-03-29 18:41:32.840 QAPCHP 1 Serial Number: 4643206
2015-03-29 18:41:32.840 QAPCHP 2 Serial Number: 3743050
2015-03-29 18:41:32.840 KMI Property Tag Number: 2017
2015-03-29 18:41:32.840 System Software Version: 1.146
2015-03-29 18:41:32.840 Slave Processor Version: 1.11
2015-03-29 18:41:32.840 Calibrator Type: QCAL330
2015-03-29 18:41:32.840 Calibrator Version: 1.8
2015-03-29 18:41:32.840 Auxiliary Board Type: None
2015-03-29 18:41:32.840 Clock Type: Motorola M12
2015-03-29 18:41:32.840 PLD Version: 7.9
2015-03-29 18:41:32.840 Total Hours: 73727.31
2015-03-29 18:41:32.840 Power On Hours: 38357.70
2015-03-29 18:41:32.840 Time of Last Boot: 2014-04-06 02:03:58
2015-03-29 18:41:32.840 Total Number of Boots: 120
2015-03-29 18:41:32.840 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-29 18:41:32.840 Total Number of Re-Syncs: 213
2015-03-29 18:41:32.840 Status Inputs: 00000000
2015-03-29 18:41:32.840 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-29 18:41:32.840 Clock Quality: 100%
2015-03-29 18:41:32.840 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-29 18:41:32.840 Clock Phase: 0 usec. max allowed=50000
2015-03-29 18:41:32.840 Boom positions:
2015-03-29 18:41:32.840 ch1: -3 ch2: 5 ch3: -3 ch4: 20 ch5: 20 ch6: 20
2015-03-29 18:41:32.840 Analog Status
2015-03-29 18:41:32.840 Analog Positive Supply: 5.46V
2015-03-29 18:41:32.840 Input Voltage: 13.35V
2015-03-29 18:41:32.840 System Temperature: 5C
2015-03-29 18:41:32.840 Main Current: 62ma
2015-03-29 18:41:32.840 Antenna Current: 0ma
2015-03-29 18:41:32.840 GPS Status
2015-03-29 18:41:32.840 Time: 18:41:30
2015-03-29 18:41:32.840 Date:
2015-03-29 18:41:32.840 Fix Type: 1-D
2015-03-29 18:41:32.840 Height:
2015-03-29 18:41:32.840 Latitude:
2015-03-29 18:41:32.840 Longitude:
2015-03-29 18:41:32.840 On Time: 0min
2015-03-29 18:41:32.840 Sat. Used: 0
2015-03-29 18:41:32.840 In View: 0
2015-03-29 18:41:32.840 Checksum Errors: 0
2015-03-29 18:41:32.840 Last GPS timemark: 2015-03-29 18:41:29
2015-03-29 18:41:32.840 PLL Status
2015-03-29 18:41:32.840 State: Lock
2015-03-29 18:41:32.840 Initial VCO: 2201.350098
2015-03-29 18:41:32.840 Time Error: 0.000002
2015-03-29 18:41:32.840 RMS VCO: 0.0000000
2015-03-29 18:41:32.840 Best VCO: 2200.97
2015-03-29 18:41:32.840 Seconds Since Track or Lock: 0.0
2015-03-29 18:41:32.840 Vco Control: 2201
2015-03-29 18:41:32.840 timing mode: external seascan
2015-03-29 18:41:32.840 tempco normal
2015-03-29 18:41:32.840 PLL update: 10s PLL lock criterion: 5us
2015-03-29 18:41:32.840 Pfrac: 150.00

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2015-03-29 18:41:32.840 VCO slope: -0.0175000
2015-03-29 18:41:32.840 VCO intercept: 7.1100001
2015-03-29 18:41:32.840 Km delta: 600.0000000
2015-03-29 18:41:32.840 Logical Port 4 Status
2015-03-29 18:41:32.840 Data Packets Sent: 36545970
2015-03-29 18:41:32.840 Flood Packets Sent: 0
2015-03-29 18:41:32.840 Packets Re-Sent: 56984
2015-03-29 18:41:32.840 Sequence Errors: 0
2015-03-29 18:41:32.840 Packet Buffer Used: 23945968
2015-03-29 18:41:32.840 Physical Port: Ethernet
2015-03-29 18:41:32.840 Baler Model: 14 Software Version: 2.28
2015-03-29 18:41:32.840 MAC Address: 00:04:FB:00:02:EA
2015-03-29 18:41:32.840 Disk Size: 20000669696
2015-03-29 18:41:32.840 Percent of 1177 data files in use: 68.3
2015-03-29 18:41:32.840 Channels Enabled: 1234 Preamps ON channels:
2015-03-29 18:41:32.840 Channel sensitivities (uV per count):
2015-03-29 18:41:32.840 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-29 18:41:32.840 Digitizer Calibration Results:
2015-03-29 18:41:32.840 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-29 18:41:32.840 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-29 18:41:32.840 DMU1 Software Version=10
2015-03-29 18:41:32.840 Supply Voltage=12.6
2015-03-29 18:41:32.840 Supply Current=0.41
2015-03-29 18:41:32.840 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-29 18:41:32.840 WebLink Data Maps Restored
2015-03-29 18:41:32.840 [2015-03-29 06:30:41.000000] sequence resumes: 30860750 to
30860750
2015-03-29 18:41:32.840 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg
2015-03-29 18:41:31
2015-03-29 18:47:38.590 Reducing Status Polling Interval
2015-03-29 18:47:38.590 [2015-03-29 18:47:36.999998] total packets received: 65722
2015-03-29 18:47:38.590 [2015-03-29 18:47:36.999998] command timeouts: 6
2015-03-29 18:47:38.590 [2015-03-29 18:47:36.999998] out of window: 68
2015-03-29 18:47:38.590 written: HHZ-1293 HH1-1500 HH2-1519 BDH-462 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-29 18:47:38.590 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-30 LH2-32 LDH-41
VMZ-2 VM1-2
2015-03-29 18:47:38.590 written: VM2-2 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-29 18:47:38.590 [2015-03-29 18:47:36.999998] Done: 4948 recs. seq end:
30904966. run: 363 s
2015-03-30 06:48:33.900
2015-03-30 06:48:33.900 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-30 06:48:33.900 Control Port 2491 Opened
2015-03-30 06:48:33.900 Baler ready on Ethernet
2015-03-30 06:48:33.900 Power Cycled Baler Acknowledged
2015-03-30 06:48:33.900 Commands Accepted by Q330
2015-03-30 06:48:33.900 Access timeout: 300 sec
2015-03-30 06:48:33.900 Control Port 4023 Opened
2015-03-30 06:48:33.900 Data Port 4024 Opened
2015-03-30 06:48:33.900 Registered with Q330
2015-03-30 06:48:33.900 Combination Record Received
2015-03-30 06:48:33.900 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-30 06:48:33.900 Link Reset, starting window sequence: 38789
2015-03-30 06:48:33.900 GPS Receiver ID Received
2015-03-30 06:48:33.900 Manufacturer's Data Received, Property Tag=2017
2015-03-30 06:48:33.900 Digitizer Gain & Offsets Received
2015-03-30 06:48:33.900 Msg From 192.168.200.119:Baler XX-2017 readback. 4948 recs.
seq end: 30904966
2015-03-30 06:48:33.900 Baler clock set to 2015-03-30 06:48:32
2015-03-30 06:48:33.900 Starting to Read DP Tokens
2015-03-30 06:48:33.900 DP Tokens loaded, size=1474 bytes
2015-03-30 06:48:33.900 Webserver advertising 192.168.200.119:5380
2015-03-30 06:48:33.900 filters & delay HHZ:1@100,Linear all=0.320000

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2015-03-30 06:48:33.900 filters & delay HH1:2@100,Linear all=0.320000
2015-03-30 06:48:33.900 filters & delay HH2:3@100,Linear all=0.320000
2015-03-30 06:48:33.900 filters & delay BDH:4@20,Linear all=1.650000
2015-03-30 06:48:33.900 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-30 06:48:33.900 filters & delay LH1:2@1,Linear all=15.000000
2015-03-30 06:48:33.900 filters & delay LH2:3@1,Linear all=15.000000
2015-03-30 06:48:33.900 filters & delay LDH:4@1,Linear all=15.000000
2015-03-30 06:48:33.900 [2015-03-29 18:47:36.999998] continuity found: 30904966
480970057.000000 Q=100
2015-03-30 06:48:33.900 [2015-03-29 18:47:36.999998] restoring continuity
2015-03-30 06:48:33.900 Sending DT_OPEN
2015-03-30 06:48:33.900 Station: XX-2017
2015-03-30 06:48:33.900 Q330 Serial Number: 0100000DB18FC351
2015-03-30 06:48:33.900 AMB Serial Number: 0100000B6909DD82
2015-03-30 06:48:33.900 Seismo 1 Serial Number: 0000000000000000
2015-03-30 06:48:33.900 Seismo 2 Serial Number: 0000000000000000
2015-03-30 06:48:33.900 QAPCHP 1 Serial Number: 4643206
2015-03-30 06:48:33.900 QAPCHP 2 Serial Number: 3743050
2015-03-30 06:48:33.900 KMI Property Tag Number: 2017
2015-03-30 06:48:33.900 System Software Version: 1.146
2015-03-30 06:48:33.900 Slave Processor Version: 1.11
2015-03-30 06:48:33.900 Calibrator Type: QCAL330
2015-03-30 06:48:33.900 Calibrator Version: 1.8
2015-03-30 06:48:33.900 Auxiliary Board Type: None
2015-03-30 06:48:33.900 Clock Type: Motorola M12
2015-03-30 06:48:33.900 PLD Version: 7.9
2015-03-30 06:48:33.900 Total Hours: 73739.43
2015-03-30 06:48:33.900 Power On Hours: 38369.82
2015-03-30 06:48:33.900 Time of Last Boot: 2014-04-06 02:03:58
2015-03-30 06:48:33.900 Total Number of Boots: 120
2015-03-30 06:48:33.900 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-30 06:48:33.900 Total Number of Re-Syncs: 213
2015-03-30 06:48:33.900 Status Inputs: 00000000
2015-03-30 06:48:33.900 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-30 06:48:33.900 Clock Quality: 100%
2015-03-30 06:48:33.900 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-30 06:48:33.900 Clock Phase: 0 usec. max allowed=50000
2015-03-30 06:48:33.900 Boom positions:
2015-03-30 06:48:33.900 Ch1: -3 ch2: 5 ch3: -3 ch4: 20 ch5: 20 ch6: 20
2015-03-30 06:48:33.900 Analog Status
2015-03-30 06:48:33.900 Analog Positive Supply: 5.46V
2015-03-30 06:48:33.900 Input Voltage: 13.20V
2015-03-30 06:48:33.900 System Temperature: 5C
2015-03-30 06:48:33.900 Main Current: 62ma
2015-03-30 06:48:33.900 Antenna Current: 0ma
2015-03-30 06:48:33.900 GPS Status
2015-03-30 06:48:33.900 Time: 06:48:32
2015-03-30 06:48:33.900 Date:
2015-03-30 06:48:33.900 Fix Type: 1-D
2015-03-30 06:48:33.900 Height:
2015-03-30 06:48:33.900 Latitude:
2015-03-30 06:48:33.900 Longitude:
2015-03-30 06:48:33.900 On Time: 0min
2015-03-30 06:48:33.900 Sat. Used: 0
2015-03-30 06:48:33.900 In View: 0
2015-03-30 06:48:33.900 Checksum Errors: 0
2015-03-30 06:48:33.900 Last GPS timemark: 2015-03-30 06:48:31
2015-03-30 06:48:33.900 PLL Status
2015-03-30 06:48:33.900 State: Lock
2015-03-30 06:48:33.900 Intitial VCO: 2201.487549
2015-03-30 06:48:33.900 Time Error: 0.000000
2015-03-30 06:48:33.900 RMS VCO: 0.0000000
2015-03-30 06:48:33.900 Best VCO: 2201.47

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2015-03-30 06:48:33.900 Seconds Since Track or Lock: 0.0
2015-03-30 06:48:33.900 Vco Control: 2201
2015-03-30 06:48:33.900 timing mode: external seascan
2015-03-30 06:48:33.900 tempco normal
2015-03-30 06:48:33.900 PLL update: 10s PLL lock criterion: 5us
2015-03-30 06:48:33.900 VCO slope: -0.0175000
2015-03-30 06:48:33.900 VCO intercept: 7.1100001
2015-03-30 06:48:33.900 Km delta: 600.0000000
2015-03-30 06:48:33.900 Logical Port 4 Status
2015-03-30 06:48:33.900 Data Packets Sent: 36611592
2015-03-30 06:48:33.900 Flood Packets Sent: 0
2015-03-30 06:48:33.900 Packets Re-Sent: 57067
2015-03-30 06:48:33.900 Sequence Errors: 0
2015-03-30 06:48:33.900 Packet Buffer Used: 23382912
2015-03-30 06:48:33.900 Physical Port: Ethernet
2015-03-30 06:48:33.900 Baler Model: 14 Software Version: 2.28
2015-03-30 06:48:33.900 MAC Address: 00:04:FB:00:02:EA
2015-03-30 06:48:33.900 Disk Size: 20000669696
2015-03-30 06:48:33.900 Percent of 1177 data files in use: 68.4
2015-03-30 06:48:33.900 Channels Enabled: 1234 Preamps ON channels:
2015-03-30 06:48:33.900 Channel Sensitivities (uV per count):
2015-03-30 06:48:33.900 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-30 06:48:33.900 Digitizer Calibration Results:
2015-03-30 06:48:33.900 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-30 06:48:33.900 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-30 06:48:33.900 DMU1 Software Version=10
2015-03-30 06:48:33.900 Supply Voltage=12.6
2015-03-30 06:48:33.900 Supply Current=0.41
2015-03-30 06:48:33.900 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-30 06:48:33.900 WebLink Data Maps Restored
2015-03-30 06:48:33.900 [2015-03-29 18:47:36.999998] sequence resumes: 30904966 to
30904966
2015-03-30 06:48:33.900 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-30 06:48:32
2015-03-30 06:51:06.540 [2015-03-30 00:00:00.000000] Saving Configuration to Backup
Memory
2015-03-30 06:54:28.390 Reducing Status Polling Interval
2015-03-30 06:54:28.390 [2015-03-30 06:54:27.999998] total packets received: 60148
2015-03-30 06:54:28.390 [2015-03-30 06:54:27.999998] command timeouts: 6
2015-03-30 06:54:28.390 [2015-03-30 06:54:27.999998] out of window: 59
2015-03-30 06:54:28.390 written: HHZ-1236 HH1-1475 HH2-1491 BDH-450 VEP-2 VEC-1
VEA-2 VKI-2 VCO-2
2015-03-30 06:54:28.390 written: VFP-1 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-26 LH2-28 LDH-34
VMZ-2 VM1-2
2015-03-30 06:54:28.390 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-30 06:54:28.390 [2015-03-30 06:54:27.999998] Done: 4809 recs. seq end:
30948577. run: 351 s
2015-03-30 18:55:22.880
2015-03-30 18:55:22.880 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-30 18:55:22.880 Control Port 2491 Opened
2015-03-30 18:55:22.880 Baler ready on Ethernet
2015-03-30 18:55:22.880 Power Cycled Baler Acknowledged
2015-03-30 18:55:22.880 Commands Accepted by Q330
2015-03-30 18:55:22.880 Access timeout: 300 sec
2015-03-30 18:55:22.880 Control Port 4023 Opened
2015-03-30 18:55:22.880 Data Port 4024 Opened
2015-03-30 18:55:22.880 Registered with Q330
2015-03-30 18:55:22.880 Combination Record Received
2015-03-30 18:55:22.880 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-30 18:55:22.880 Link Reset, starting window sequence: 33304
2015-03-30 18:55:22.880 GPS Receiver ID Received
2015-03-30 18:55:22.880 Manufacturer's Data Received, Property Tag=2017
2015-03-30 18:55:22.880 Digitizer Gain & Offsets Received

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2015-03-30 18:55:22.880 Msg From 192.168.200.119:Baler XX-2017 readback. 4809 recs.  
seq end: 30948577  
2015-03-30 18:55:22.880 Baler clock set to 2015-03-30 18:55:21  
2015-03-30 18:55:22.880 Starting to Read DP Tokens  
2015-03-30 18:55:22.880 DP Tokens loaded, size=1474 bytes  
2015-03-30 18:55:22.880 webserver advertising 192.168.200.119:5380  
2015-03-30 18:55:22.880 filters & delay HHZ:1@100,Linear all=0.320000  
2015-03-30 18:55:22.880 filters & delay HH1:2@100,Linear all=0.320000  
2015-03-30 18:55:22.880 filters & delay HH2:3@100,Linear all=0.320000  
2015-03-30 18:55:22.880 filters & delay BDH:4@20,Linear all=1.650000  
2015-03-30 18:55:22.880 filters & delay LHZ:1@1,Linear all=15.000000  
2015-03-30 18:55:22.880 filters & delay LH1:2@1,Linear all=15.000000  
2015-03-30 18:55:22.880 filters & delay LH2:3@1,Linear all=15.000000  
2015-03-30 18:55:22.880 filters & delay LDH:4@1,Linear all=15.000000  
2015-03-30 18:55:22.880 [2015-03-30 06:54:27.999998] continuity found: 30948577  
481013668.000000 Q=100  
2015-03-30 18:55:22.880 [2015-03-30 06:54:27.999998] restoring continuity  
2015-03-30 18:55:22.880 Sending DT\_OPEN  
2015-03-30 18:55:22.880 Station: XX-2017  
2015-03-30 18:55:22.880 Q330 Serial Number: 0100000DB18FC351  
2015-03-30 18:55:22.880 AMB Serial Number: 0100000B6909DD82  
2015-03-30 18:55:22.880 Seismo 1 Serial Number: 0000000000000000  
2015-03-30 18:55:22.880 Seismo 2 Serial Number: 0000000000000000  
2015-03-30 18:55:22.880 QAPCHP 1 Serial Number: 4643206  
2015-03-30 18:55:22.880 QAPCHP 2 Serial Number: 3743050  
2015-03-30 18:55:22.880 KMI Property Tag Number: 2017  
2015-03-30 18:55:22.880 System Software Version: 1.146  
2015-03-30 18:55:22.880 Slave Processor Version: 1.11  
2015-03-30 18:55:22.880 Calibrator Type: QCAL330  
2015-03-30 18:55:22.880 Calibrator Version: 1.8  
2015-03-30 18:55:22.880 Auxiliary Board Type: None  
2015-03-30 18:55:22.880 Clock Type: Motorola M12  
2015-03-30 18:55:22.880 PLD Version: 7.9  
2015-03-30 18:55:22.880 Total Hours: 73751.54  
2015-03-30 18:55:22.880 Power On Hours: 38381.93  
2015-03-30 18:55:22.880 Time of Last Boot: 2014-04-06 02:03:58  
2015-03-30 18:55:22.880 Total Number of Boots: 120  
2015-03-30 18:55:22.880 Time of Last Re-Sync: 2014-04-06 02:17:08  
2015-03-30 18:55:22.880 Total Number of Re-Syncs: 213  
2015-03-30 18:55:22.880 Status Inputs: 00000000  
2015-03-30 18:55:22.880 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
2015-03-30 18:55:22.880 Clock Quality: 100%  
2015-03-30 18:55:22.880 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
2015-03-30 18:55:22.880 Clock Phase: 0 usec. max allowed=50000  
2015-03-30 18:55:22.880 Boom positions:  
2015-03-30 18:55:22.880 ch1: -3 ch2: 5 ch3: -3 ch4: 20 ch5: 20 ch6: 20  
2015-03-30 18:55:22.880 Analog Status  
2015-03-30 18:55:22.880 Analog Positive Supply: 5.46V  
2015-03-30 18:55:22.880 Input Voltage: 13.20V  
2015-03-30 18:55:22.880 System Temperature: 5C  
2015-03-30 18:55:22.880 Main Current: 63ma  
2015-03-30 18:55:22.880 Antenna Current: 0ma  
2015-03-30 18:55:22.880 GPS Status  
2015-03-30 18:55:22.880 Time: 18:55:21  
2015-03-30 18:55:22.880 Date:  
2015-03-30 18:55:22.880 Fix Type: 1-D  
2015-03-30 18:55:22.880 Height:  
2015-03-30 18:55:22.880 Latitude:  
2015-03-30 18:55:22.880 Longitude:  
2015-03-30 18:55:22.880 On Time: 0min  
2015-03-30 18:55:22.880 Sat. Used: 0  
2015-03-30 18:55:22.880 In View: 0  
2015-03-30 18:55:22.880 Checksum Errors: 0

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2015-03-30 18:55:22.880 Last GPS timemark: 2015-03-30 18:55:20
2015-03-30 18:55:22.880 PLL Status
2015-03-30 18:55:22.880 State: Lock
2015-03-30 18:55:22.880 Initial VCO: 2201.467285
2015-03-30 18:55:22.880 Time Error: 0.000000
2015-03-30 18:55:22.880 RMS VCO: 0.000000
2015-03-30 18:55:22.880 Best VCO: 2201.48
2015-03-30 18:55:22.880 Seconds Since Track or Lock: 0.0
2015-03-30 18:55:22.880 Vco Control: 2201
2015-03-30 18:55:22.880 timing mode: external seascan
2015-03-30 18:55:22.880 tempco normal
2015-03-30 18:55:22.880 PLL update: 10s PLL lock criterion: 5us
2015-03-30 18:55:22.880 Pfrac: 150.00
2015-03-30 18:55:22.880 VCO slope: -0.0175000
2015-03-30 18:55:22.880 VCO intercept: 7.1100001
2015-03-30 18:55:22.880 km delta: 600.0000000
2015-03-30 18:55:22.880 Logical Port 4 Status
2015-03-30 18:55:22.880 Data Packets Sent: 36671649
2015-03-30 18:55:22.880 Flood Packets Sent: 0
2015-03-30 18:55:22.880 Packets Re-Sent: 57140
2015-03-30 18:55:22.880 Sequence Errors: 0
2015-03-30 18:55:22.880 Packet Buffer Used: 23600656
2015-03-30 18:55:22.880 Physical Port: Ethernet
2015-03-30 18:55:22.880 Baler Model: 14 Software Version: 2.28
2015-03-30 18:55:22.880 MAC Address: 00:04:FB:00:02:EA
2015-03-30 18:55:22.880 Disk Size: 20000669696
2015-03-30 18:55:22.880 Percent of 1177 data files in use: 68.5
2015-03-30 18:55:22.880 Channels Enabled: 1234 Preamps ON channels:
2015-03-30 18:55:22.880 Channel Sensitivities (uV per count):
2015-03-30 18:55:22.880 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-30 18:55:22.880 Digitizer Calibration Results:
2015-03-30 18:55:22.880 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-30 18:55:22.880 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-30 18:55:22.880 DMU1 Software Version=10
2015-03-30 18:55:22.880 Supply Voltage=12.6
2015-03-30 18:55:22.880 Supply Current=0.41
2015-03-30 18:55:22.880 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-30 18:55:22.880 webLink Data Maps Restored
2015-03-30 18:55:22.880 [2015-03-30 06:54:27.999998] sequence resumes: 30948577 to
30948577
2015-03-30 18:55:22.880 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-30 18:55:21
2015-03-30 19:01:23.790 Reducing Status Polling Interval
2015-03-30 19:01:23.790 [2015-03-30 19:01:22.999998] total packets received: 62027
2015-03-30 19:01:23.790 [2015-03-30 19:01:22.999998] command timeouts: 6
2015-03-30 19:01:23.790 [2015-03-30 19:01:22.999998] out of window: 63
2015-03-30 19:01:23.790 written: HHZ-1266 HH1-1503 HH2-1495 BDH-444 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-03-30 19:01:23.790 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-27 LDH-27
VMZ-1 VM1-1
2015-03-30 19:01:23.790 written: VM2-1 OAC-1 LOG-2 ACE-1 OCF-1
2015-03-30 19:01:23.790 [2015-03-30 19:01:22.999998] Done: 4851 recs. seq end:
30992192. run: 357 s
2015-03-31 07:02:17.890
2015-03-31 07:02:17.890 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-31 07:02:17.890 Control Port 2491 Opened
2015-03-31 07:02:17.890 Baler ready on Ethernet
2015-03-31 07:02:17.890 Power Cycled Baler Acknowledged
2015-03-31 07:02:17.890 Commands Accepted by Q330
2015-03-31 07:02:17.890 Access timeout: 300 sec
2015-03-31 07:02:17.890 Control Port 4023 Opened
2015-03-31 07:02:17.890 Data Port 4024 Opened
2015-03-31 07:02:17.890 Registered with Q330

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2015-03-31 07:02:17.890 Combination Record Received
2015-03-31 07:02:17.890 Window=4 Min. Timeout=10 Max. Timeout=30
2015-03-31 07:02:17.890 Link Reset, starting window sequence: 29694
2015-03-31 07:02:17.890 GPS Receiver ID Received
2015-03-31 07:02:17.890 Manufacturer's Data Received, Property Tag=2017
2015-03-31 07:02:17.890 Digitizer Gain & Offsets Received
2015-03-31 07:02:17.890 Msg From 192.168.200.119:Baler XX-2017 readback. 4851 recs.
seq end: 30992192
2015-03-31 07:02:17.890 Baler clock set to 2015-03-31 07:02:16
2015-03-31 07:02:17.890 Starting to Read DP Tokens
2015-03-31 07:02:17.890 DP Tokens loaded, size=1474 bytes
2015-03-31 07:02:17.890 webserver advertising 192.168.200.119:5380
2015-03-31 07:02:17.890 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-31 07:02:17.890 filters & delay HH1:2@100,Linear all=0.320000
2015-03-31 07:02:17.890 filters & delay HH2:3@100,Linear all=0.320000
2015-03-31 07:02:17.890 filters & delay BDH:4@20,Linear all=1.650000
2015-03-31 07:02:17.890 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-31 07:02:17.890 filters & delay LH1:2@1,Linear all=15.000000
2015-03-31 07:02:17.890 filters & delay LH2:3@1,Linear all=15.000000
2015-03-31 07:02:17.890 filters & delay LDH:4@1,Linear all=15.000000
2015-03-31 07:02:17.890 [2015-03-30 19:01:22.999998] continuity found: 30992192
481057283.000000 Q=100
2015-03-31 07:02:17.890 [2015-03-30 19:01:22.999998] restoring continuity
2015-03-31 07:02:17.890 Sending DT_OPEN
2015-03-31 07:02:17.890 Station: XX-2017
2015-03-31 07:02:17.890 Q330 Serial Number: 0100000DB18FC351
2015-03-31 07:02:17.890 AMB Serial Number: 0100000B6909DD82
2015-03-31 07:02:17.890 Seismo 1 Serial Number: 0000000000000000
2015-03-31 07:02:17.890 QAPCHP 1 Serial Number: 4643206
2015-03-31 07:02:17.890 QAPCHP 2 Serial Number: 3743050
2015-03-31 07:02:17.890 KMI Property Tag Number: 2017
2015-03-31 07:02:17.890 System Software Version: 1.146
2015-03-31 07:02:17.890 Slave Processor Version: 1.11
2015-03-31 07:02:17.890 Calibrator Type: QCAL330
2015-03-31 07:02:17.890 Calibrator Version: 1.8
2015-03-31 07:02:17.890 Auxiliary Board Type: None
2015-03-31 07:02:17.890 Clock Type: Motorola M12
2015-03-31 07:02:17.890 PLD Version: 7.9
2015-03-31 07:02:17.890 Total Hours: 73763.66
2015-03-31 07:02:17.890 Power On Hours: 38394.04
2015-03-31 07:02:17.890 Time of Last Boot: 2014-04-06 02:03:58
2015-03-31 07:02:17.890 Total Number of Boots: 120
2015-03-31 07:02:17.890 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-31 07:02:17.890 Total Number of Re-Syncs: 213
2015-03-31 07:02:17.890 Status Inputs: 00000000
2015-03-31 07:02:17.890 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-31 07:02:17.890 Clock Quality: 100%
2015-03-31 07:02:17.890 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-31 07:02:17.890 Clock Phase: 0 usec. max allowed=50000
2015-03-31 07:02:17.890 Boom positions:
2015-03-31 07:02:17.890 ch1: -3 ch2: 5 ch3: 0 ch4: 20 ch5: 20 ch6: 20
2015-03-31 07:02:17.890 Analog Status
2015-03-31 07:02:17.890 Analog Positive Supply: 5.46V
2015-03-31 07:02:17.890 Input Voltage: 13.20V
2015-03-31 07:02:17.890 System Temperature: 5C
2015-03-31 07:02:17.890 Main Current: 63ma
2015-03-31 07:02:17.890 Antenna Current: 0ma
2015-03-31 07:02:17.890 GPS Status
2015-03-31 07:02:17.890 Time: 07:02:16
2015-03-31 07:02:17.890 Date:
2015-03-31 07:02:17.890 Fix Type: 1-D
2015-03-31 07:02:17.890 Height:
2015-03-31 07:02:17.890 Latitude:

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2015-03-31 07:02:17.890 Longitude:
2015-03-31 07:02:17.890 On Time: 0min
2015-03-31 07:02:17.890 Sat. Used: 0
2015-03-31 07:02:17.890 In View: 0
2015-03-31 07:02:17.890 Checksum Errors: 0
2015-03-31 07:02:17.890 Last GPS timemark: 2015-03-31 07:02:15
2015-03-31 07:02:17.890 PLL Status
2015-03-31 07:02:17.890 State: Lock
2015-03-31 07:02:17.890 Initial VCO: 2201.528809
2015-03-31 07:02:17.890 Time Error: 0.000000
2015-03-31 07:02:17.890 RMS VCO: 0.0000000
2015-03-31 07:02:17.890 Best VCO: 2201.52
2015-03-31 07:02:17.890 Seconds Since Track or Lock: 0.0
2015-03-31 07:02:17.890 Vco Control: 2202
2015-03-31 07:02:17.890 timing mode: external seascan
2015-03-31 07:02:17.890 tempco normal
2015-03-31 07:02:17.890 PLL update: 10s PLL lock criterion: 5us
2015-03-31 07:02:17.890 Pfrac: 150.00
2015-03-31 07:02:17.890 VCO slope: -0.0175000
2015-03-31 07:02:17.890 VCO intercept: 7.1100001
2015-03-31 07:02:17.890 km delta: 600.0000000
2015-03-31 07:02:17.890 Logical Port 4 Status
2015-03-31 07:02:17.890 Data Packets Sent: 36733581
2015-03-31 07:02:17.890 Flood Packets Sent: 0
2015-03-31 07:02:17.890 Packets Re-Sent: 57217
2015-03-31 07:02:17.890 Sequence Errors: 0
2015-03-31 07:02:17.890 Packet Buffer Used: 23107992
2015-03-31 07:02:17.890 Physical Port: Ethernet
2015-03-31 07:02:17.890 Baler Model: 14 Software Version: 2.28
2015-03-31 07:02:17.890 MAC Address: 00:04:FB:00:02:EA
2015-03-31 07:02:17.890 Disk Size: 20000669696
2015-03-31 07:02:17.890 Percent of 1177 data files in use: 68.6
2015-03-31 07:02:17.890 Channels Enabled: 1234 Preamps ON channels:
2015-03-31 07:02:17.890 Channel sensitivities (uV per count):
2015-03-31 07:02:17.890 1:2.3840 2:2.3840 3:2.3840 4:2.3840
2015-03-31 07:02:17.890 Digitizer Calibration Results:
2015-03-31 07:02:17.890 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%
2015-03-31 07:02:17.890 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%
2015-03-31 07:02:17.890 DMU1 Software Version=10
2015-03-31 07:02:17.890 Supply Voltage=12.6
2015-03-31 07:02:17.890 Supply Current=0.41
2015-03-31 07:02:17.890 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A
2015-03-31 07:02:17.890 webLink Data Maps Restored
2015-03-31 07:02:17.890 [2015-03-30 19:01:22.999998] sequence resumes: 30992192 to
30992192
2015-03-31 07:02:17.890 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg
2015-03-31 07:02:16
2015-03-31 07:04:38.830 [2015-03-31 00:00:00.000001] Saving Configuration to Backup
Memory
2015-03-31 07:08:04.800 Reducing Status Polling Interval
2015-03-31 07:08:04.800 [2015-03-31 07:08:03.999998] total packets received: 57256
2015-03-31 07:08:04.800 [2015-03-31 07:08:03.999998] command timeouts: 6
2015-03-31 07:08:04.800 [2015-03-31 07:08:03.999998] out of window: 55
2015-03-31 07:08:04.800 written: HHZ-1221 HH1-1453 HH2-1460 BDH-451 VEP-2 VEC-2
VEA-2 VKI-2 VCO-2
2015-03-31 07:08:04.800 written: VFP-2 LCQ-7 LCE-7 LCL-7 LHZ-24 LH1-27 LH2-27 LDH-34
VMZ-2 VM1-2
2015-03-31 07:08:04.800 written: VM2-2 OAC-1 LOG-3 ACE-2 OCF-2
2015-03-31 07:08:04.800 [2015-03-31 07:08:03.999998] Done: 4744 recs. seq end:
31035793. run: 344 s
2015-03-31 19:09:01.810
2015-03-31 19:09:01.810 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-03-31 19:09:01.810 Control Port 2491 Opened

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2015-03-31 19:09:01.810 Baler ready on Ethernet
2015-03-31 19:09:01.810 Power Cycled Baler Acknowledged
2015-03-31 19:09:01.810 Commands Accepted by Q330
2015-03-31 19:09:01.810 Access timeout: 300 sec
2015-03-31 19:09:01.810 Control Port 4023 Opened
2015-03-31 19:09:01.810 Data Port 4024 Opened
2015-03-31 19:09:01.810 Registered with Q330
2015-03-31 19:09:01.810 Combination Record Received
2015-03-31 19:09:01.810 window=4 Min. Timeout=10 Max. Timeout=30
2015-03-31 19:09:01.810 Link Reset, starting window sequence: 21323
2015-03-31 19:09:01.810 GPS Receiver ID Received
2015-03-31 19:09:01.810 Manufacturer's Data Received, Property Tag=2017
2015-03-31 19:09:01.810 Digitizer Gain & Offsets Received
2015-03-31 19:09:01.810 Msg From 192.168.200.119:Baler XX-2017 readback. 4744 recs.
seq end: 31035793
2015-03-31 19:09:01.810 Baler clock set to 2015-03-31 19:09:00
2015-03-31 19:09:01.810 Starting to Read DP Tokens
2015-03-31 19:09:01.810 DP Tokens loaded, size=1474 bytes
2015-03-31 19:09:01.810 webserver advertising 192.168.200.119:5380
2015-03-31 19:09:01.810 filters & delay HHZ:1@100,Linear all=0.320000
2015-03-31 19:09:01.810 filters & delay HH1:2@100,Linear all=0.320000
2015-03-31 19:09:01.810 filters & delay HH2:3@100,Linear all=0.320000
2015-03-31 19:09:01.810 filters & delay BDH:4@20,Linear all=1.650000
2015-03-31 19:09:01.810 filters & delay LHZ:1@1,Linear all=15.000000
2015-03-31 19:09:01.810 filters & delay LH1:2@1,Linear all=15.000000
2015-03-31 19:09:01.810 filters & delay LH2:3@1,Linear all=15.000000
2015-03-31 19:09:01.810 filters & delay LDH:4@1,Linear all=15.000000
2015-03-31 19:09:01.810 [2015-03-31 07:08:03.999998] continuity found: 31035793
481100884.000000 Q=100
2015-03-31 19:09:01.810 [2015-03-31 07:08:03.999998] restoring continuity
2015-03-31 19:09:01.810 Sending DT_OPEN
2015-03-31 19:09:01.810 Station: XX-2017
2015-03-31 19:09:01.810 Q330 Serial Number: 0100000DB18FC351
2015-03-31 19:09:01.810 AMB Serial Number: 0100000B6909DD82
2015-03-31 19:09:01.810 Seismo 1 Serial Number: 0000000000000000
2015-03-31 19:09:01.810 Seismo 2 Serial Number: 0000000000000000
2015-03-31 19:09:01.810 QAPCHP 1 Serial Number: 4643206
2015-03-31 19:09:01.810 QAPCHP 2 Serial Number: 3743050
2015-03-31 19:09:01.810 KMI Property Tag Number: 2017
2015-03-31 19:09:01.810 System Software Version: 1.146
2015-03-31 19:09:01.810 Slave Processor Version: 1.11
2015-03-31 19:09:01.810 Calibrator Type: QCAL330
2015-03-31 19:09:01.810 Calibrator Version: 1.8
2015-03-31 19:09:01.810 Auxiliary Board Type: None
2015-03-31 19:09:01.810 Clock Type: Motorola M12
2015-03-31 19:09:01.810 PLD Version: 7.9
2015-03-31 19:09:01.810 Total Hours: 73775.77
2015-03-31 19:09:01.810 Power On Hours: 38406.16
2015-03-31 19:09:01.810 Time of Last Boot: 2014-04-06 02:03:58
2015-03-31 19:09:01.810 Total Number of Boots: 120
2015-03-31 19:09:01.810 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-03-31 19:09:01.810 Total Number of Re-Syncs: 213
2015-03-31 19:09:01.810 Status Inputs: 00000000
2015-03-31 19:09:01.810 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-03-31 19:09:01.810 Clock Quality: 100%
2015-03-31 19:09:01.810 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-03-31 19:09:01.810 Clock Phase: 0 usec. max allowed=50000
2015-03-31 19:09:01.810 Boom positions:
2015-03-31 19:09:01.810 Ch1: -3 Ch2: 5 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20
2015-03-31 19:09:01.810 Analog Status
2015-03-31 19:09:01.810 Analog Positive Supply: 5.46V
2015-03-31 19:09:01.810 Input Voltage: 13.20V
2015-03-31 19:09:01.810 System Temperature: 5C

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2015-03-31 19:09:01.810 Main Current: 62ma  
 2015-03-31 19:09:01.810 Antenna Current: 0ma  
 2015-03-31 19:09:01.810 GPS Status  
 2015-03-31 19:09:01.810 Time: 19:09:00  
 2015-03-31 19:09:01.810 Date:  
 2015-03-31 19:09:01.810 Fix Type: 1-D  
 2015-03-31 19:09:01.810 Height:  
 2015-03-31 19:09:01.810 Latitude:  
 2015-03-31 19:09:01.810 Longitude:  
 2015-03-31 19:09:01.810 On Time: 0min  
 2015-03-31 19:09:01.810 Sat. Used: 0  
 2015-03-31 19:09:01.810 In View: 0  
 2015-03-31 19:09:01.810 Checksum Errors: 0  
 2015-03-31 19:09:01.810 Last GPS timemark: 2015-03-31 19:08:59  
 2015-03-31 19:09:01.810 PLL Status  
 2015-03-31 19:09:01.810 State: Lock  
 2015-03-31 19:09:01.810 Initial VCO: 2201.208252  
 2015-03-31 19:09:01.810 Time Error: 0.000000  
 2015-03-31 19:09:01.810 RMS VCO: 0.000000  
 2015-03-31 19:09:01.810 Best VCO: 2201.17  
 2015-03-31 19:09:01.810 Seconds Since Track or Lock: 0.0  
 2015-03-31 19:09:01.810 Vco Control: 2201  
 2015-03-31 19:09:01.810 timing mode: external seascan  
 2015-03-31 19:09:01.810 tempco normal  
 2015-03-31 19:09:01.810 PLL update: 10s PLL lock criterion: 5us  
 2015-03-31 19:09:01.810 Pfrac: 150.00  
 2015-03-31 19:09:01.810 VCO slope: -0.0175000  
 2015-03-31 19:09:01.810 VCO intercept: 7.1100001  
 2015-03-31 19:09:01.810 Km delta: 600.000000  
 2015-03-31 19:09:01.810 Logical Port 4 Status  
 2015-03-31 19:09:01.810 Data Packets Sent: 36790751  
 2015-03-31 19:09:01.810 Flood Packets Sent: 0  
 2015-03-31 19:09:01.810 Packets Re-Sent: 57288  
 2015-03-31 19:09:01.810 Sequence Errors: 0  
 2015-03-31 19:09:01.810 Packet Buffer Used: 22140260  
 2015-03-31 19:09:01.810 Physical Port: Ethernet  
 2015-03-31 19:09:01.810 Baler Model: 14 Software Version: 2.28  
 2015-03-31 19:09:01.810 MAC Address: 00:04:FB:00:02:EA  
 2015-03-31 19:09:01.810 Disk Size: 20000669696  
 2015-03-31 19:09:01.810 Percent of 1177 data files in use: 68.6  
 2015-03-31 19:09:01.810 Channels Enabled: 1234 Preamps ON channels:  
 2015-03-31 19:09:01.810 Channel Sensitivities (uV per count):  
 2015-03-31 19:09:01.810 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-03-31 19:09:01.810 Digitizer Calibration Results:  
 2015-03-31 19:09:01.810 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-03-31 19:09:01.810 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-03-31 19:09:01.810 DMU1 Software Version=10  
 2015-03-31 19:09:01.810 Supply Voltage=12.5  
 2015-03-31 19:09:01.810 Supply Current=0.42  
 2015-03-31 19:09:01.810 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-03-31 19:09:01.810 WebLink Data Maps Restored  
 2015-03-31 19:09:01.810 [2015-03-31 07:08:03.999998] sequence resumes: 31035793 to  
 31035793  
 2015-03-31 19:09:01.810 Msg From 192.168.200.119:Baler14-2.28 tag 01027: XX-2017 reg  
 2015-03-31 19:09:00  
 2015-03-31 19:14:38.840 Reducing Status Polling Interval  
 2015-03-31 19:14:38.840 [2015-03-31 19:14:38.000000] total packets received: 45168  
 2015-03-31 19:14:38.840 [2015-03-31 19:14:38.000000] command timeouts: 6  
 2015-03-31 19:14:38.840 written: HHZ-1160 HH1-1367 HH2-1388 BDH-447 VEP-2 VEC-2  
 VEA-2 VKI-2 VCO-2  
 2015-03-31 19:14:38.840 written: VFP-1 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-25 LH2-25 LDH-30  
 VMZ-2 VM1-2  
 2015-03-31 19:14:38.840 written: VM2-2 LOG-2 ACE-1 OCF-1



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2015-03-31 19:14:38.840 [2015-03-31 19:14:38.000000] Done: 4511 recs. seq end:
31079387. run: 332 s
2015-04-01 07:15:32.830
2015-04-01 07:15:32.830 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-04-01 07:15:32.830 Control Port 2491 Opened
2015-04-01 07:15:32.830 Baler ready on Ethernet
2015-04-01 07:15:32.830 Power Cycled Baler Acknowledged
2015-04-01 07:15:32.830 Commands Accepted by Q330
2015-04-01 07:15:32.830 Access timeout: 300 sec
2015-04-01 07:15:32.830 Control Port 4023 Opened
2015-04-01 07:15:32.830 Data Port 4024 Opened
2015-04-01 07:15:32.830 Registered with Q330
2015-04-01 07:15:32.830 Combination Record Received
2015-04-01 07:15:32.830 Window=4 Min. Timeout=10 Max. Timeout=30
2015-04-01 07:15:32.830 Link Reset, starting window sequence: 847
2015-04-01 07:15:32.830 GPS Receiver ID Received
2015-04-01 07:15:32.830 Manufacturer's Data Received, Property Tag=2017
2015-04-01 07:15:32.830 Digitizer Gain & Offsets Received
2015-04-01 07:15:32.830 Msg From 192.168.200.119:Baler XX-2017 readback. 4511 recs.
seq end: 31079387
2015-04-01 07:15:32.830 Baler clock set to 2015-04-01 07:15:31
2015-04-01 07:15:32.830 Starting to Read DP Tokens
2015-04-01 07:15:32.830 DP Tokens loaded, size=1474 bytes
2015-04-01 07:15:32.830 Webserver advertising 192.168.200.119:5380
2015-04-01 07:15:32.830 filters & delay HHZ:1@100,Linear all=0.320000
2015-04-01 07:15:32.830 filters & delay HH1:2@100,Linear all=0.320000
2015-04-01 07:15:32.830 filters & delay HH2:3@100,Linear all=0.320000
2015-04-01 07:15:32.830 filters & delay BDH:4@20,Linear all=1.650000
2015-04-01 07:15:32.830 filters & delay LHZ:1@1,Linear all=15.000000
2015-04-01 07:15:32.830 filters & delay LH1:2@1,Linear all=15.000000
2015-04-01 07:15:32.830 filters & delay LH2:3@1,Linear all=15.000000
2015-04-01 07:15:32.830 filters & delay LDH:4@1,Linear all=15.000000
2015-04-01 07:15:32.830 [2015-03-31 19:14:38.000000] continuity found: 31079387
481144478.000000 Q=100
2015-04-01 07:15:32.830 [2015-03-31 19:14:38.000000] restoring continuity
2015-04-01 07:15:32.830 Sending DT_OPEN
2015-04-01 07:15:32.830 Station: XX-2017
2015-04-01 07:15:32.830 Q330 Serial Number: 0100000DB18FC351
2015-04-01 07:15:32.830 AMB Serial Number: 0100000B6909DD82
2015-04-01 07:15:32.830 Seismo 1 Serial Number: 0000000000000000
2015-04-01 07:15:32.830 Seismo 2 Serial Number: 0000000000000000
2015-04-01 07:15:32.830 QAPCHP 1 Serial Number: 4643206
2015-04-01 07:15:32.830 QAPCHP 2 Serial Number: 3743050
2015-04-01 07:15:32.830 KMI Property Tag Number: 2017
2015-04-01 07:15:32.830 System Software Version: 1.146
2015-04-01 07:15:32.830 Slave Processor Version: 1.11
2015-04-01 07:15:32.830 Calibrator Type: QCAL330
2015-04-01 07:15:32.830 Calibrator Version: 1.8
2015-04-01 07:15:32.830 Auxiliary Board Type: None
2015-04-01 07:15:32.830 Clock Type: Motorola M12
2015-04-01 07:15:32.830 PLD Version: 7.9
2015-04-01 07:15:32.830 Total Hours: 73787.88
2015-04-01 07:15:32.830 Power On Hours: 38418.27
2015-04-01 07:15:32.830 Time of Last Boot: 2014-04-06 02:03:58
2015-04-01 07:15:32.830 Total Number of Boots: 120
2015-04-01 07:15:32.830 Time of Last Re-Sync: 2014-04-06 02:17:08
2015-04-01 07:15:32.830 Total Number of Re-Syncs: 213
2015-04-01 07:15:32.830 Status Inputs: 00000000
2015-04-01 07:15:32.830 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off
2015-04-01 07:15:32.830 Clock Quality: 100%
2015-04-01 07:15:32.830 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0
2015-04-01 07:15:32.830 Clock Phase: 1 usec. max allowed=50000
2015-04-01 07:15:32.830 Boom positions:

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2015-04-01 07:15:32.830 Ch1: -3 Ch2: 4 Ch3: 1 Ch4: 20 Ch5: 20 Ch6: 20  
 2015-04-01 07:15:32.830 Analog Status  
 2015-04-01 07:15:32.830 Analog Positive Supply: 5.46V  
 2015-04-01 07:15:32.830 Input Voltage: 13.20V  
 2015-04-01 07:15:32.830 System Temperature: 5C  
 2015-04-01 07:15:32.830 Main Current: 61ma  
 2015-04-01 07:15:32.830 Antenna Current: 0ma  
 2015-04-01 07:15:32.830 GPS Status  
 2015-04-01 07:15:32.830 Time: 07:15:31  
 2015-04-01 07:15:32.830 Date:  
 2015-04-01 07:15:32.830 Fix Type: 1-D  
 2015-04-01 07:15:32.830 Height:  
 2015-04-01 07:15:32.830 Latitude:  
 2015-04-01 07:15:32.830 Longitude:  
 2015-04-01 07:15:32.830 On Time: 0min  
 2015-04-01 07:15:32.830 Sat. Used: 0  
 2015-04-01 07:15:32.830 In View: 0  
 2015-04-01 07:15:32.830 Checksum Errors: 0  
 2015-04-01 07:15:32.830 Last GPS timemark: 2015-04-01 07:15:30  
 2015-04-01 07:15:32.830 PLL Status  
 2015-04-01 07:15:32.830 State: Lock  
 2015-04-01 07:15:32.830 Initial VCO: 2201.421875  
 2015-04-01 07:15:32.830 Time Error: 0.000000  
 2015-04-01 07:15:32.830 RMS VCO: 0.0000000  
 2015-04-01 07:15:32.830 Best VCO: 2201.10  
 2015-04-01 07:15:32.830 Seconds Since Track or Lock: 0.0  
 2015-04-01 07:15:32.830 Vco Control: 2202  
 2015-04-01 07:15:32.830 timing mode: external seascan  
 2015-04-01 07:15:32.830 tempco normal  
 2015-04-01 07:15:32.830 PLL update: 10s PLL lock criterion: 5us  
 2015-04-01 07:15:32.830 Pfrac: 150.00  
 2015-04-01 07:15:32.830 VCO slope: -0.0175000  
 2015-04-01 07:15:32.830 VCO intercept: 7.1100001  
 2015-04-01 07:15:32.830 Km delta: 600.0000000  
 2015-04-01 07:15:32.830 Logical Port 4 Status  
 2015-04-01 07:15:32.830 Data Packets Sent: 36835816  
 2015-04-01 07:15:32.830 Flood Packets Sent: 0  
 2015-04-01 07:15:32.830 Packets Re-Sent: 57376  
 2015-04-01 07:15:32.830 Sequence Errors: 0  
 2015-04-01 07:15:32.830 Packet Buffer Used: 21945368  
 2015-04-01 07:15:32.830 Physical Port: Ethernet  
 2015-04-01 07:15:32.830 Baler Model: 14 Software Version: 2.28  
 2015-04-01 07:15:32.830 MAC Address: 00:04:FB:00:02:EA  
 2015-04-01 07:15:32.830 Disk Size: 20000669696  
 2015-04-01 07:15:32.830 Percent of 1177 data files in use: 68.7  
 2015-04-01 07:15:32.830 Channels Enabled: 1234 Preamps ON channels:  
 2015-04-01 07:15:32.830 Channel Sensitivities (uV per count):  
 2015-04-01 07:15:32.830 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-04-01 07:15:32.830 Digitizer Calibration Results:  
 2015-04-01 07:15:32.830 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-04-01 07:15:32.830 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-04-01 07:15:32.830 DMU1 Software Version=10  
 2015-04-01 07:15:32.830 Supply Voltage=12.6  
 2015-04-01 07:15:32.830 Supply Current=0.41  
 2015-04-01 07:15:32.830 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-04-01 07:15:32.830 WebLink Data Maps Restored  
 2015-04-01 07:15:32.830 [2015-03-31 19:14:38.000000] sequence resumes: 31079387 to  
 31079387  
 2015-04-01 07:15:32.830 Msg From 192.168.200.119:Baler14-2.28 tag 01027: xx-2017 reg  
 2015-04-01 07:15:31  
 2015-04-01 07:17:39.490 [2015-04-01 00:00:00.000000] Saving Configuration to Backup  
 Memory  
 2015-04-01 07:21:02.550 [2015-04-01 07:20:43.999998] total packets received: 45140

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2015-04-01 07:21:02.550 [2015-04-01 07:20:43.999998] command timeouts: 6
2015-04-01 07:21:02.550 [2015-04-01 07:20:43.999998] out of window: 53
2015-04-01 07:21:02.550 written: HHZ-1162 HH1-1353 HH2-1352 BDH-443 VEP-1 VEC-2
VEA-1 VKI-1 VCO-1
2015-04-01 07:21:02.550 written: VFP-2 LCQ-8 LCE-8 LCL-8 LHZ-24 LH1-24 LH2-25 LDH-26
VMZ-1 VM1-1
2015-04-01 07:21:02.550 written: VM2-1 OAC-1 LOG-3 ACE-2 OCF-2
2015-04-01 07:21:02.550 [2015-04-01 07:20:43.999998] Done: 4452 recs. seq end:
31122953. run: 325 s
2015-04-01 12:47:11.900
2015-04-01 12:47:11.900 Quanterra Packet Baler Model 14 Restart. Version 2.28
2015-04-01 12:47:11.900 Control Port 2491 Opened
2015-04-01 12:47:11.900 Baler ready on Ethernet
2015-04-01 12:47:11.900 Continuous Baler Acknowledged
2015-04-01 12:47:11.900 Commands Accepted by Q330
2015-04-01 12:47:11.900 Access timeout: 300 sec
2015-04-01 12:47:11.900 Control Port 4023 Opened
2015-04-01 12:47:11.900 Data Port 4024 Opened
2015-04-01 12:47:11.900 Registered with Q330
2015-04-01 12:47:11.900 Combination Record Received
2015-04-01 12:47:11.900 window=4 Min. Timeout=10 Max. Timeout=30
2015-04-01 12:47:11.900 Link Reset, starting window sequence: 45899
2015-04-01 12:47:11.900 GPS Receiver ID Received
2015-04-01 12:47:11.900 Manufacturer's Data Received, Property Tag=2017
2015-04-01 12:47:11.900 Digitizer Gain & Offsets Received
2015-04-01 12:47:11.900 Msg From 192.168.200.119:Baler XX-2017 readback. 4452 recs.
seq end: 31122953
2015-04-01 12:47:11.900 Baler clock set to 2015-04-01 12:47:10
2015-04-01 12:47:11.900 Starting to Read DP Tokens
2015-04-01 12:47:11.900 DP Tokens loaded, size=1474 bytes
2015-04-01 12:47:11.900 webserver advertising 192.168.200.119:5380
2015-04-01 12:47:11.900 filters & delay HHZ:1@100,Linear all=0.320000
2015-04-01 12:47:11.900 filters & delay HH1:2@100,Linear all=0.320000
2015-04-01 12:47:11.900 filters & delay HH2:3@100,Linear all=0.320000
2015-04-01 12:47:11.900 filters & delay BDH:4@20,Linear all=1.650000
2015-04-01 12:47:11.900 filters & delay LHZ:1@1,Linear all=15.000000
2015-04-01 12:47:11.900 filters & delay LH1:2@1,Linear all=15.000000
2015-04-01 12:47:11.900 filters & delay LH2:3@1,Linear all=15.000000
2015-04-01 12:47:11.900 filters & delay LDH:4@1,Linear all=15.000000
2015-04-01 12:47:11.900 [2015-04-01 07:20:43.999998] continuity found: 31122953
481188044.000000 Q=100
2015-04-01 12:47:11.900 [2015-04-01 07:20:43.999998] restoring continuity
2015-04-01 12:47:11.900 Sending DT_OPEN
2015-04-01 12:47:11.900 Station: XX-2017
2015-04-01 12:47:11.900 Q330 Serial Number: 0100000DB18FC351
2015-04-01 12:47:11.900 AMB Serial Number: 0100000B6909DD82
2015-04-01 12:47:11.900 Seismo 1 Serial Number: 0000000000000000
2015-04-01 12:47:11.900 Seismo 2 Serial Number: 0000000000000000
2015-04-01 12:47:11.900 QAPCHP 1 Serial Number: 4643206
2015-04-01 12:47:11.900 QAPCHP 2 Serial Number: 3743050
2015-04-01 12:47:11.900 KMI Property Tag Number: 2017
2015-04-01 12:47:11.900 System Software Version: 1.146
2015-04-01 12:47:11.900 Slave Processor Version: 1.11
2015-04-01 12:47:11.900 Calibrator Type: QCAL330
2015-04-01 12:47:11.900 Calibrator Version: 1.8
2015-04-01 12:47:11.900 Auxiliary Board Type: None
2015-04-01 12:47:11.900 Clock Type: Motorola M12
2015-04-01 12:47:11.900 PLD Version: 7.9
2015-04-01 12:47:11.900 Total Hours: 73793.41
2015-04-01 12:47:11.900 Power On Hours: 38423.79
2015-04-01 12:47:11.900 Time of Last Boot: 2014-04-06 02:03:58
2015-04-01 12:47:11.900 Total Number of Boots: 120
2015-04-01 12:47:11.900 Time of Last Re-Sync: 2014-04-06 02:17:08

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2015-04-01 12:47:11.900 Total Number of Re-Syncs: 213  
 2015-04-01 12:47:11.900 Status Inputs: 00000000  
 2015-04-01 12:47:11.900 AC OK: Off, Input 1,2: Off,Off, Analog Fault: Off  
 2015-04-01 12:47:11.900 Clock Quality: 100%  
 2015-04-01 12:47:11.900 Clock quality mapping: L=100 T=90 H=80 N=0 zone=0  
 2015-04-01 12:47:11.900 Clock Phase: -7 usec. max allowed=50000  
 2015-04-01 12:47:11.900 Boom positions:  
 2015-04-01 12:47:11.900 ch1: -34 ch2: -35 ch3: 45 ch4: 20 ch5: 20 ch6: 20  
 2015-04-01 12:47:11.900 Analog Status  
 2015-04-01 12:47:11.900 Analog Positive Supply: 5.47V  
 2015-04-01 12:47:11.900 Input Voltage: 14.70V  
 2015-04-01 12:47:11.900 System Temperature: 9C  
 2015-04-01 12:47:11.900 Main Current: 56ma  
 2015-04-01 12:47:11.900 Antenna Current: 0ma  
 2015-04-01 12:47:11.900 GPS Status  
 2015-04-01 12:47:11.900 Time: 12:47:11  
 2015-04-01 12:47:11.900 Date:  
 2015-04-01 12:47:11.900 Fix Type: 1-D  
 2015-04-01 12:47:11.900 Height:  
 2015-04-01 12:47:11.900 Latitude:  
 2015-04-01 12:47:11.900 Longitude:  
 2015-04-01 12:47:11.900 Sat. Used: 0  
 2015-04-01 12:47:11.900 In View: 0  
 2015-04-01 12:47:11.900 Checksum Errors: 0  
 2015-04-01 12:47:11.900 Last GPS timemark: 2015-04-01 12:47:10  
 2015-04-01 12:47:11.900 PLL Status  
 2015-04-01 12:47:11.900 State: Lock  
 2015-04-01 12:47:11.900 Initial VCO: 2172.708252  
 2015-04-01 12:47:11.900 Time Error: 0.000007  
 2015-04-01 12:47:11.900 RMS VCO: 0.0000000  
 2015-04-01 12:47:11.900 Best VCO: 2172.14  
 2015-04-01 12:47:11.900 Seconds Since Track or Lock: 0.0  
 2015-04-01 12:47:11.900 Vco Control: 2169  
 2015-04-01 12:47:11.900 timing mode: external seascan  
 2015-04-01 12:47:11.900 tempco normal  
 2015-04-01 12:47:11.900 PLL update: 10s PLL lock criterion: 5us  
 2015-04-01 12:47:11.900 Pfrac: 150.00  
 2015-04-01 12:47:11.900 VCO slope: -0.0175000  
 2015-04-01 12:47:11.900 VCO intercept: 7.1100001  
 2015-04-01 12:47:11.900 km delta: 600.0000000  
 2015-04-01 12:47:11.900 Logical Port 4 Status  
 2015-04-01 12:47:11.900 Data Packets Sent: 36880873  
 2015-04-01 12:47:11.900 Flood Packets Sent: 0  
 2015-04-01 12:47:11.900 Packets Re-Sent: 57449  
 2015-04-01 12:47:11.900 Sequence Errors: 0  
 2015-04-01 12:47:11.900 Packet Buffer Used: 9045768  
 2015-04-01 12:47:11.900 Physical Port: Ethernet  
 2015-04-01 12:47:11.900 Baler Model: 14 Software Version: 2.28  
 2015-04-01 12:47:11.900 MAC Address: 00:04:FB:00:02:EA  
 2015-04-01 12:47:11.900 Disk Size: 20000669696  
 2015-04-01 12:47:11.900 Percent of 1177 data files in use: 68.9  
 2015-04-01 12:47:11.900 Channels Enabled: 1234 Preamps ON channels:  
 2015-04-01 12:47:11.900 Channel Sensitivities (uV per count):  
 2015-04-01 12:47:11.900 1:2.3840 2:2.3840 3:2.3840 4:2.3840  
 2015-04-01 12:47:11.900 Digitizer Calibration Results:  
 2015-04-01 12:47:11.900 1:-150145,-2.004% 2:-149595,-2.397% 3:-150195,-0.825%  
 2015-04-01 12:47:11.900 4:-149174,-1.901% 5:0,-100.000% 6:0,-100.000%  
 2015-04-01 12:47:11.900 DMU1 Software Version=10  
 2015-04-01 12:47:11.900 Supply Voltage=14.1  
 2015-04-01 12:47:11.900 Supply Current=0.35  
 2015-04-01 12:47:11.900 Disk Model: IC25N020ATCS04-0 Revision: CA20A70A  
 2015-04-01 12:47:11.900 WebLink Data Maps Restored  
 2015-04-01 12:47:11.900 [2015-04-01 07:20:43.999998] sequence resumes: 31122953 to

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31122953
2015-04-01 12:47:11.900 Msg From 192.168.200.119:Ba1er14-2.28 tag 01027: XX-2017 reg
2015-04-01 12:47:10
2015-04-01 12:51:41.800 [2015-04-01 12:51:41.999993] Phase Out of Range of
-0.442675Seconds
2015-04-01 12:51:41.800 [2015-04-01 12:51:42.557325] time jump of -442668 usec
2015-04-01 12:51:41.800 [2015-04-01 12:51:42.557325] time label discontinuity: HHZ
-0.442668
2015-04-01 12:51:41.800 [2015-04-01 12:51:42.557325] time label discontinuity: HH1
-0.442668
2015-04-01 12:51:41.800 [2015-04-01 12:51:42.557325] time label discontinuity: HH2
-0.442668
2015-04-01 12:51:41.800 [2015-04-01 12:51:42.557325] time label discontinuity: BDH
-0.442668
2015-04-01 12:51:41.800 [2015-04-01 12:51:42.557325] New Digitizer Phase=Timemark
Wait, Reason=Phase out of Range
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] TIME JUMP OF 24.442675 SECONDS
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: LCQ
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: LCE
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: LCL
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: LHZ
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: LH1
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: LH2
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: LDH
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: HHZ
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: HH1
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: HH2
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:08.000000] time label discontinuity: BDH
24.442675
2015-04-01 12:51:41.800 [2015-04-01 12:52:17.999998] time label discontinuity: VCO
30.000005
2015-04-01 12:51:41.800 [2015-04-01 12:52:17.999998] time label discontinuity: VEP
30.000005
2015-04-01 12:51:41.800 [2015-04-01 12:52:17.999998] time label discontinuity: VKI
30.000005
2015-04-01 12:51:41.800 [2015-04-01 12:52:17.999998] time label discontinuity: VEC
30.000005
2015-04-01 12:51:41.800 [2015-04-01 12:52:17.999998] time label discontinuity: VEA
30.000005
2015-04-01 12:51:41.800 [2015-04-01 12:52:19.999998] time label discontinuity: VMZ
30.000005
2015-04-01 12:51:41.800 [2015-04-01 12:52:19.999998] time label discontinuity: VM1
30.000005
2015-04-01 12:51:41.800 [2015-04-01 12:52:19.999998] time label discontinuity: VM2
30.000005
2015-04-01 12:51:41.800 [2015-04-01 12:52:23.999998] time label discontinuity: VFP
40.000005
2015-04-01 12:51:41.800 [2015-04-01 12:52:32.999998] total packets received: 20641
2015-04-01 12:51:41.800 [2015-04-01 12:52:32.999998] command timeouts: 6
2015-04-01 12:51:41.800 [2015-04-01 12:52:32.999998] out of window: 11
2015-04-01 12:51:41.800 written: HHZ-470 HH1-532 HH2-532 BDH-210 VEP-2 VEC-2 VEA-2
VKI-2 VCO-2
2015-04-01 12:51:41.800 written: VFP-2 LCQ-5 LCE-5 LCL-5 LHZ-11 LH1-11 LH2-10 LDH-15

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VMZ-2 VM1-2

2015-04-01 12:51:41.800 written: VM2-3 OAC-1 LOG-2 ACE-6 OCF-1

2015-04-01 12:51:41.800 [2015-04-01 12:52:32.999998] Done: 1835 recs. seq end:  
31142838. run: 325 s