

S01_C04_survey.Log

PORT 4 04-06-2014 07:27:21

\$GPGLL,3452.3217,N,07438.9297,W,072630,A*32
\$GPRMC,072630,A,3452.3217,N,07438.9297,W,0.7,276.6,060414,11.9,w*40
\$GPVTG,276.6,T,288.5,M,0.7,N,1.3,K*49
\$HEHDT,246.7,T*28
\$GPZDA,072630,06,04,2014,00,00*4D
\$GPGBS,072630,,,,,,,,*41
\$GPGGA,072631,3452.3212,N,07438.9301,W,2,8,0.4,8,M,,M,,*67
\$HEHDT,247.2,T*2C

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PORT 4 04-06-2014 07:27:22

\$GPGLL,3452.3212,N,07438.9301,W,072631,A*38
\$GPRMC,072631,A,3452.3212,N,07438.9301,W,0.8,275.4,060414,11.9,w*44
\$HEHDT,247.7,T*29
\$GPVTG,275.4,T,287.3,M,0.8,N,1.5,K*48
\$GPZDA,072631,06,04,2014,00,00*4C
\$GPGBS,072631,,,,,,,,*40
\$GPGGA,072632,3452.3217,N,07438.9299,W,2,7,0.4,8,M,,M,,*6E
\$HEHDT,247.3,T*2D
\$GPGLL,3452.3217,N,07438.9299,W,072632,A*3E
\$GPRMC,072632,A,3452.3217,N,07438.9299,W,0.8,274.9,060414,11.9,w*4E
\$GPVTG,274.9,T,286.8,M,0.8,N,1.5,K*4E
\$GPZDA,072632,06,04,2014,00,00*4F
\$GPGBS,072632,017.2,004.9,000.3,05,0.05,0045.5,012.5*4B
\$HEHDT,247.0,T*2E
\$GPGGA,072633,3452.3214,N,07438.9301,W,2,7,0.3,8,M,,M,,*6B

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PORT 4 04-06-2014 07:27:23

\$HEHDT,246.8,T*27
\$GPGLL,3452.3214,N,07438.9301,W,072633,A*3C
\$GPRMC,072633,A,3452.3214,N,07438.9301,W,0.6,274.6,060414,11.9,w*4D
\$GPVTG,274.6,T,286.5,M,0.6,N,1.1,K*46
\$GPZDA,072633,06,04,2014,00,00*4E
\$GPGBS,072633,,,,,,,,*42
\$HEHDT,246.9,T*26
\$GPGGA,072634,3452.3220,N,07438.9302,W,2,7,0.4,8,M,,M,,*6F

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PORT 4 04-06-2014 07:27:25

\$GPGLL,3452.3220,N,07438.9302,W,072634,A*3F
\$HEHDT,246.3,T*2C
\$GPRMC,072634,A,3452.3220,N,07438.9302,W,0.6,274.4,060414,11.9,w*4C
\$GPVTG,274.4,T,286.3,M,0.6,N,1.1,K*42
\$GPZDA,072634,06,04,2014,00,00*49
\$GPGBS,072634,018.4,004.6,000.7,05,0.05,0035.3,012.5*4E
\$GPGGA,072635,3452.3221,N,07438.9305,W,2,7,0.3,8,M,,M,,*6F
\$HEHDT,246.6,T*29

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PORT 4 04-06-2014 07:27:26

\$GPGLL,3452.3221,N,07438.9305,W,072635,A*38
\$GPRMC,072635,A,3452.3221,N,07438.9305,W,0.6,274.4,060414,11.9,w*4B
\$HEHDT,247.2,T*2C
\$GPVTG,274.4,T,286.3,M,0.6,N,1.1,K*42
\$GPZDA,072635,06,04,2014,00,00*48
\$GPGBS,072635,010.9,003.8,000.8,05,0.05,0024.1,012.5*4E
\$GPGGA,072636,3452.3217,N,07438.9308,W,2,8,0.3,8,M,,M,,*6B
\$HEHDT,247.7,T*29

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PORT 4 04-06-2014 07:27:27

\$GPGLL,3452.3217,N,07438.9308,W,072636,A*33
\$GPRMC,072636,A,3452.3217,N,07438.9308,W,0.6,274.5,060414,11.9,w*41
\$GPVTG,274.5,T,286.4,M,0.6,N,1.1,K*44
\$GPZDA,072636,06,04,2014,00,00*4B
\$HEHDT,247.8,T*26

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\$GPGBS,072636,,,,,,,,*47
\$GPGGA,072637,3452.3214,N,07438.9312,W,2,8,0.4,8,M,,M,,*65
\$HEHDT,248.4,T*25

PORT 5 04-06-2014 07:27:28
RNG: TX = 11.0 RX = 11.50 time = 04.190 Sec.
PORT 4 04-06-2014 07:27:28
\$GPGLL,3452.3214,N,07438.9312,W,072637,A*3A
\$GPRMC,072637,A,3452.3214,N,07438.9312,W,0.6,274.5,060414,11.9,W*48
\$GPVTG,274.5,T,286.4,M,0.6,N,1.1,K*44
\$GPZDA,072637,06,04,2014,00,00*4A
\$HEHDT,248.1,T*20
\$GPGBS,072637,,,,,,,,*46
\$GPGGA,072638,3452.3221,N,07438.9309,W,2,7,0.4,8,M,,M,,*69
\$HEHDT,248.2,T*2

PORT 4 04-06-2014 07:27:29
\$GPGLL,3452.3214,N,07438.9312,W,072637,A*3A
\$GPRMC,072637,A,3452.3214,N,07438.9312,W,0.6,274.5,060414,11.9,W*48
\$GPVTG,274.5,T,286.4,M,0.6,N,1.1,K*44
\$GPZDA,072637,06,04,2014,00,00*4A
\$HEHDT,248.1,T*20
\$GPGBS,072637,,,,,,,,*46
\$GPGGA,072638,3452.3221,N,07438.9309,W,2,7,0.4,8,M,,M,,*69
\$HEHDT,248.2,T*23
\$GPGLL,3452.3221,N,07438.9309,W,072638,A*39
\$GPRMC,072638,A,3452.3221,N,07438.9309,W,0.6,275.1,060414,11.9,W*4E
\$GPVTG,275.1,T,287.0,M,0.6,N,1.1,K*44
\$GPZDA,072638,06,04,2014,00,00*45
\$GPGBS,072638,018.7,006.4,001.4,05,0.05,0042.2,012.5*42
\$HEHDT,247.7,T*29
\$GPGGA,072639,3452.3221,N,07438.9312,W,2,7,0.3,8,M,,M,,*65

PORT 4 04-06-2014 07:27:30
\$HEHDT,247.9,T*27
\$GPGLL,3452.3221,N,07438.9312,W,072639,A*32
\$GPRMC,072639,A,3452.3221,N,07438.9312,W,0.6,276.7,060414,11.9,W*40
\$GPVTG,276.7,T,288.6,M,0.6,N,1.1,K*48
\$GPZDA,072639,06,04,2014,00,00*44
\$GPGBS,072639,005.9,002.2,001.1,05,0.05,0017.2,012.5*46
\$GPGGA,072640,3452.3223,N,07438.9315,W,2,8,0.3,8,M,,M,,*61
\$HEHDT,247.4,T*2A
PORT 12000 04-06-2014 07:27:30
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:27:31
\$GPGLL,3452.3223,N,07438.9315,W,072640,A*39
\$GPRMC,072640,A,3452.3223,N,07438.9315,W,0.6,278.8,060414,11.9,W*4A
\$HEHDT,247.8,T*26
\$GPVTG,278.8,T,290.7,M,0.6,N,1.1,K*41
\$GPZDA,072640,06,04,2014,00,00*4A
\$GPGBS,072640,010.8,003.8,000.8,05,0.05,0023.9,012.5*42
\$GPGGA,072641,3452.3222,N,07438.9316,W,2,8,0.3,8,M,,M,,*62
\$HEHDT,248.3,T*22

PORT 4 04-06-2014 07:27:32
\$GPGLL,3452.3222,N,07438.9316,W,072641,A*3A
\$GPRMC,072641,A,3452.3222,N,07438.9316,W,0.7,279.7,060414,11.9,W*46
\$HEHDT,248.9,T*28
\$GPVTG,279.7,T,291.6,M,0.7,N,1.3,K*4C
\$GPZDA,072641,06,04,2014,00,00*4B
\$GPGBS,072641,009.8,003.3,000.8,05,0.05,0021.4,012.5*4F
\$GPGGA,072642,3452.3221,N,07438.9319,W,2,8,0.3,8,M,,M,,*6D

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\$HEHDT,248.6,T*27

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PORT 4 04-06-2014 07:27:33

\$GPGLL,3452.3221,N,07438.9319,W,072642,A*35

\$GPRMC,072642,A,3452.3221,N,07438.9319,W,0.7,279.2,060414,11.9,W*4C

\$GPVTG,279.2,T,291.1,M,0.7,N,1.3,K*4E

\$GPZDA,072642,06,04,2014,00,00*48

\$HEHDT,249.2,T*22

\$GPGBS,072642,007.8,002.7,000.6,05,0.05,0016.8,012.5*41

\$GPGGA,072643,3452.3219,N,07438.9318,W,2,8,0.3,8,M,,M,,*66

\$HEHDT,248.7,T*26

\$GPGLL,3452.3219,N,07438.9318,W,072643,A*3E

\$GPRMC,072643,A,3452.3219,N,07438.9318,W,0.6,278.2,060414,11.9,W*47

\$GPVTG,278.2,T,290.1,M,0.6,N,1.1,K*4D

\$GPZDA,072643,06,04,2014,00,00*49

\$GPGBS,072643,006.8,002.5,001.3,05,0.05,0020.2,012.5*48

\$HEHDT,249.0,T*20

\$GPGGA,072644,3452.3217,N,07438.9322,W,2,8,0.3,8,M,,M,,*66

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PORT 4 04-06-2014 07:27:34

\$HEHDT,248.6,T*27

\$GPGLL,3452.3217,N,07438.9322,W,072644,A*3E

\$GPRMC,072644,A,3452.3217,N,07438.9322,W,0.6,277.5,060414,11.9,W*4F

\$GPVTG,277.5,T,289.4,M,0.6,N,1.1,K*48

\$GPZDA,072644,06,04,2014,00,00*4E

\$GPGBS,072644,,,,,*42

\$GPGGA,072645,3452.3220,N,07438.9323,W,2,8,0.4,8,M,,M,,*65

\$HEHDT,248.6,T*27

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PORT 4 04-06-2014 07:27:36

\$HEHDT,248.9,T*28

\$GPGLL,3452.3220,N,07438.9323,W,072645,A*3A

\$GPRMC,072645,A,3452.3220,N,07438.9323,W,0.5,277.2,060414,11.9,W*4F

\$GPVTG,277.2,T,289.1,M,0.5,N,0.9,K*40

\$GPZDA,072645,06,04,2014,00,00*4F

\$GPGBS,072645,008.8,003.0,000.7,05,0.05,0019.5,012.5*4C

\$GPGGA,072646,3452.3221,N,07438.9327,W,2,8,0.3,8,M,,M,,*64

\$HEHDT,249.2,T*22

#

PORT 5 04-06-2014 07:27:37

RX11.50 #

IN11.0 *

PORT 4 04-06-2014 07:27:37

\$GPGLL,3452.3221,N,07438.9327,W,072646,A*3C

\$GPRMC,072646,A,3452.3221,N,07438.9327,W,0.6,278.6,060414,11.9,W*41

\$HEHDT,249.8,T*28

\$GPVTG,278.6,T,290.5,M,0.6,N,1.1,K*4D

\$GPZDA,072646,06,04,2014,00,00*4C

\$GPGBS,072646,008.6,003.0,001.7,05,0.05,0019.2,012.5*47

\$GPGGA,072647,3452.3224,N,07438.9330,W,2,8,0.5,8,M,,M,,*60

\$HEHDT,249.8,T*28

\$GPG

#

PORT 5 04-06-2014 07:27:38

SI8 *

SO9 *

PORT 4 04-06-2014 07:27:38

\$GPGLL,3452.3221,N,07438.9327,W,072646,A*3C

\$GPRMC,072646,A,3452.3221,N,07438.9327,W,0.6,278.6,060414,11.9,W*41

\$HEHDT,249.8,T*28

\$GPVTG,278.6,T,290.5,M,0.6,N,1.1,K*4D

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\$GPZDA,072646,06,04,2014,00,00*4C
\$GPGBS,072646,008.6,003.0,001.7,05,0.05,0019.2,012.5*47
\$GPGGA,072647,3452.3224,N,07438.9330,W,2,8,0.5,8,M,,M,,*60
\$HEHDT,249.8,T*28
\$GPGLL,3452.3224,N,07438.9330,W,072647,A*3E
\$GPRMC,072647,A,3452.3224,N,07438.9330,W,0.8,281.0,060414,11.9,W*4D
\$GPVTG,281.0,T,292.9,M,0.8,N,1.5,K*49
\$HEHDT,249.7,T*27
\$GPZDA,072647,06,04,2014,00,00*4D
\$GPGBS,072647,009.9,003.5,001.9,05,0.05,0022.3,012.5*4A
\$GPGGA,072648,3452.3221,N,07438.9333,W,2,6,0.5,8,M,,M,,*67
\$HEHDT,250.0,T*28
\$GPGLL,3452.3221,N,07438.9333,W,072648,A*37
\$GPRMC,072648,A,3452.3221,N,07438.9333,W,0.8,282.8,060414,11.9,W*4F
\$GPVTG,282.8,T,294.7,M,0.8,N,1.5,K*4A
\$GPZDA,072648,06,04,2014,00,00*42
\$GPGBS,072648,,,,,,,,*4E
\$GPGGA,072649,3452.3217,N,07438.9334,W,2,6,0.4,8,M,,M,,*65
\$HEHDT,249.9,T*29

PORT 5 04-06-2014 07:27:39
LG00000 *
UG12000 *
RR *
PORT 4 04-06-2014 07:27:39
\$GPGLL,3452.3217,N,07438.9334,W,072649,A*34
\$HEHDT,250.0,T*28
\$GPRMC,072649,A,3452.3217,N,07438.9334,W,0.8,283.1,060414,11.9,W*44
\$GPVTG,283.1,T,295.0,M,0.8,N,1.5,K*44
\$GPZDA,072649,06,04,2014,00,00*43
\$GPGBS,072649,,,,,,,,*4F
\$GPGGA,072650,3452.3211,N,07438.9337,W,2,6,0.4,8,M,,M,,*68
\$HEHDT,249.6,T*26
PORT 12000 04-06-2014 07:27:39
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:27:40
\$GPGLL,3452.3211,N,07438.9337,W,072650,A*39
\$HEHDT,250.1,T*29
\$GPRMC,072650,A,3452.3211,N,07438.9337,W,0.6,282.9,060414,11.9,W*4E
\$GPVTG,282.9,T,294.8,M,0.6,N,1.1,K*4E
\$GPZDA,072650,06,04,2014,00,00*4B
\$GPGBS,072650,,,,,,,,*47
\$GPGGA,072651,3452.3210,N,07438.9341,W,2,6,0.4,8,M,,M,,*69
\$HEHDT,250.0,T*28

PORT 4 04-06-2014 07:27:41
\$GPGLL,3452.3210,N,07438.9341,W,072651,A*38
\$GPRMC,072651,A,3452.3210,N,07438.9341,W,0.6,282.6,060414,11.9,W*40
\$HEHDT,250.6,T*2E
\$GPVTG,282.6,T,294.5,M,0.6,N,1.1,K*4C
\$GPZDA,072651,06,04,2014,00,00*4A
\$GPGBS,072651,,,,,,,,*46
\$GPGGA,072652,3452.3213,N,07438.9341,W,2,6,0.4,8,M,,M,,*69
\$HEHDT,251.2,T*2B

PORT 4 04-06-2014 07:27:43
\$GPGLL,3452.3213,N,07438.9341,W,072652,A*38
\$GPRMC,072652,A,3452.3213,N,07438.9341,W,0.6,281.6,060414,11.9,W*43
\$HEHDT,251.0,T*29
\$GPVTG,281.6,T,293.5,M,0.6,N,1.1,K*48
\$GPZDA,072652,06,04,2014,00,00*49
\$GPGBS,072652,009.5,003.5,001.9,05,0.05,0020.4,012.5*47

S01_C04_survey.Log

\$GPGGA,072653,3452.3216,N,07438.9344,W,2,6,0.3,8,M,,M,,*6F
\$HEHDT,251.5,T*2C

PORT 4 04-06-2014 07:27:44
\$GPGLL,3452.3216,N,07438.9344,W,072653,A*39
\$GPRMC,072653,A,3452.3216,N,07438.9344,W,0.7,281.6,060414,11.9,W*43
\$HEHDT,251.2,T*2B
\$GPVTG,281.6,T,293.5,M,0.7,N,1.3,K*4B
\$GPZDA,072653,06,04,2014,00,00*48
\$GPGBS,072653,008.6,002.9,000.9,05,0.05,0019.1,012.5*47
\$GPGGA,072654,3452.3221,N,07438.9346,W,2,8,0.5,8,M,,M,,*66
\$HEHDT,251.4,T*2D

PORT 4 04-06-2014 07:27:45
\$GPGLL,3452.3221,N,07438.9346,W,072654,A*38
\$GPRMC,072654,A,3452.3221,N,07438.9346,W,0.6,281.9,060414,11.9,W*4C
\$GPVTG,281.9,T,293.8,M,0.6,N,1.1,K*4A
\$GPZDA,072654,06,04,2014,00,00*4F
\$GPGBS,072654,017.7,001.3,009.7,05,0.05,0018.4,012.5*45
\$HEHDT,251.2,T*2B
\$GPGGA,072655,3452.3227,N,07438.9349,W,2,8,0.5,8,M,,M,,*6E

PORT 4 04-06-2014 07:27:47
\$HEHDT,251.2,T*2B
\$GPGLL,3452.3227,N,07438.9349,W,072655,A*30
\$GPRMC,072655,A,3452.3227,N,07438.9349,W,0.6,281.9,060414,11.9,W*44
\$GPVTG,281.9,T,293.8,M,0.6,N,1.1,K*4A
\$GPZDA,072655,06,04,2014,00,00*4E
\$GPGBS,072655,018.8,001.4,010.5,05,0.05,0019.4,012.5*48
\$HEHDT,251.3,T*2A
\$GPGGA,072656,3452.3232,N,07438.9353,W,2,6,0.5,8,M,,M,,*6C
\$GPGLL,3452.3232,N,07438.9353,W,072656,A*3C
\$GPRMC,072656,A,3452.3232,N,07438.9353,W,0.6,281.9,060414,11.9,W*48
\$HEHDT,251.1,T*28
\$GPVTG,281.9,T,293.8,M,0.6,N,1.1,K*4A
\$GPZDA,072656,06,04,2014,00,00*4D
\$GPGBS,072656,018.6,001.4,010.4,05,0.05,0019.0,012.5*40
\$GPGGA,072657,3452.3237,N,07438.9357,W,2,6,0.5,8,M,,M,,*6C
\$HEHDT,251.8,T*21

PORT 4 04-06-2014 07:27:48
\$GPGLL,3452.3237,N,07438.9357,W,072657,A*3C
\$GPRMC,072657,A,3452.3237,N,07438.9357,W,0.6,281.7,060414,11.9,W*46
\$HEHDT,251.6,T*2F
\$GPVTG,281.7,T,293.6,M,0.6,N,1.1,K*4A
\$GPZDA,072657,06,04,2014,00,00*4C
\$GPGBS,072657,018.7,001.4,010.5,05,0.05,0019.0,012.5*41
\$GPGGA,072658,3452.3234,N,07438.9360,W,2,6,0.5,8,M,,M,,*64
\$HEHDT,252.1,T*2B
\$GPGLL,3452.3234,N,07438.9360,W,072658,A*34
\$GPRMC,072658,A,3452.3234,N,07438.9360,W,0.6,281.2,060414,11.9,W*4B
\$GPVTG,281.2,T,293.1,M,0.6,N,1.1,K*48
\$GPZDA,072658,06,04,2014,00,00*43
\$GPGBS,072658,,,,,,,,*4F
\$GPGGA,072659,3452.3233,N,07438.9360,W,1,6,1.5,8,M,,M,,*60
\$HEHDT,252.4,T*2E

PORT 4 04-06-2014 07:27:50
\$HEHDT,252.6,T*2C
\$GPGLL,3452.3233,N,07438.9360,W,072659,A*32
\$GPRMC,072659,A,3452.3233,N,07438.9360,W,0.7,281.2,060414,11.9,W*4C
\$GPVTG,281.2,T,293.1,M,0.7,N,1.3,K*4B
\$HEHDT,252.6,T*2C

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\$GPZDA,072659,06,04,2014,00,00*42
\$GPGBS,072659,,,,,,,,*4E
\$GPGGA,072700,3452.3260,N,07438.9362,w,1,7,1.5,8,M,,M,,*68
PORT 12000 04-06-2014 07:27:50
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:27:51
\$GPGLL,3452.3260,N,07438.9362,w,072700,A*3B
\$HEHDT,252.7,T*2D
\$GPRMC,072700,A,3452.3260,N,07438.9362,w,0.6,282.0,060414,11.9,w*45
\$GPVTG,282.0,T,293.9,M,0.6,N,1.1,K*41
\$GPZDA,072700,06,04,2014,00,00*4F
\$GPGBS,072700,050.2,000.2,012.5,05,0.05,0036.9,012.5*4A
\$GPGGA,072701,3452.3257,N,07438.9364,w,1,7,1.1,8,M,,M,,*6F
\$HEHDT,253.1,T*2A

PORT 4 04-06-2014 07:27:52
\$GPGLL,3452.3257,N,07438.9364,w,072701,A*38
\$GPRMC,072701,A,3452.3257,N,07438.9364,w,0.6,283.8,060414,11.9,w*4F
\$GPVTG,283.8,T,295.7,M,0.6,N,1.1,K*40
\$HEHDT,252.6,T*2C
\$GPZDA,072701,06,04,2014,00,00*4E
\$GPGBS,072701,,,,,,,,*42
\$GPGGA,072702,3452.3250,N,07438.9369,w,1,7,1.5,8,M,,M,,*62
\$HEHDT,253.1,T*2A

PORT 4 04-06-2014 07:27:53
\$GPGLL,3452.3250,N,07438.9369,w,072702,A*31
\$GPRMC,072702,A,3452.3250,N,07438.9369,w,0.7,285.1,060414,11.9,w*48
\$GPVTG,285.1,T,297.0,M,0.7,N,1.3,K*49
\$GPZDA,072702,06,04,2014,00,00*4D
\$HEHDT,253.1,T*2A
\$GPGBS,072702,,,,,,,,*41
\$GPGGA,072703,3452.3246,N,07438.9371,w,1,7,1.1,8,M,,M,,*69
\$HEHDT,253.3,T*28

PORT 4 04-06-2014 07:27:54
\$GPGLL,3452.3246,N,07438.9371,w,072703,A*3E
\$GPRMC,072703,A,3452.3246,N,07438.9371,w,0.7,285.3,060414,11.9,w*45
\$GPVTG,285.3,T,297.2,M,0.7,N,1.3,K*49
\$GPZDA,072703,06,04,2014,00,00*4C
\$HEHDT,253.7,T*2C
\$GPGBS,072703,,,,,,,,*40
\$GPGGA,072704,3452.3239,N,07438.9373,w,1,8,1.0,8,M,,M,,*6A
\$HEHDT,253.8,T*23
\$GPGLL,3452.3239,N,07438.9373,w,072704,A*33
\$GPRMC,072704,A,3452.3239,N,07438.9373,w,0.7,284.5,060414,11.9,w*4F
\$GPVTG,284.5,T,296.4,M,0.7,N,1.3,K*49
\$GPZDA,072704,06,04,2014,00,00*4B
\$GPGBS,072704,,,,,,,,*47
\$GPGGA,072705,3452.3234,N,07438.9375,w,2,8,0.4,8,M,,M,,*66
\$HEHDT,254.2,T*2E

PORT 4 04-06-2014 07:27:55
\$HEHDT,254.2,T*2E
\$GPGLL,3452.3234,N,07438.9375,w,072705,A*39
\$GPRMC,072705,A,3452.3234,N,07438.9375,w,0.6,283.9,060414,11.9,w*4F
\$GPVTG,283.9,T,295.8,M,0.6,N,1.1,K*4E
\$GPZDA,072705,06,04,2014,00,00*4A
\$GPGBS,072705,,,,,,,,*46
\$GPGGA,072706,3452.3230,N,07438.9378,w,2,6,0.4,8,M,,M,,*62
\$HEHDT,254.6,T*2A
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PORT 4 04-06-2014 07:27:57

\$HEHDT,254.3,T*2F
\$GPGLL,3452.3230,N,07438.9378,W,072706,A*33
\$GPRMC,072706,A,3452.3230,N,07438.9378,W,0.6,283.4,060414,11.9,w*48
\$GPVTG,283.4,T,295.3,M,0.6,N,1.1,K*48
\$GPZDA,072706,06,04,2014,00,00*49
\$GPGBS,072706,,,,,,,,*45
\$GPGGA,072707,3452.3232,N,07438.9380,W,2,6,0.3,8,M,,M,,*61
\$HEHDT,254.7,T*2B

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PORT 4 04-06-2014 07:27:58

\$GPGLL,3452.3232,N,07438.9380,W,072707,A*37
\$GPRMC,072707,A,3452.3232,N,07438.9380,W,0.7,284.3,060414,11.9,w*4D
\$HEHDT,254.6,T*2A
\$GPVTG,284.3,T,296.2,M,0.7,N,1.3,K*49
\$GPZDA,072707,06,04,2014,00,00*48
\$GPGBS,072707,006.3,002.2,000.6,05,0.05,0013.7,012.5*44
\$GPGGA,072708,3452.3229,N,07438.9384,W,2,8,0.3,8,M,,M,,*6E
\$HEHDT,254.6,T*2A

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PORT 4 04-06-2014 07:27:59

\$GPGLL,3452.3229,N,07438.9384,W,072708,A*36
\$GPRMC,072708,A,3452.3229,N,07438.9384,W,0.7,284.3,060414,11.9,w*4C
\$GPVTG,284.3,T,296.2,M,0.7,N,1.3,K*49
\$GPZDA,072708,06,04,2014,00,00*47
\$HEHDT,255.0,T*2D
\$GPGBS,072708,,,,,,,,*4B
\$GPGGA,072709,3452.3228,N,07438.9385,W,2,8,0.4,8,M,,M,,*68
\$HEHDT,254.6,T*2A

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PORT 4 04-06-2014 07:28:00

\$GPGLL,3452.3228,N,07438.9385,W,072709,A*37
\$GPRMC,072709,A,3452.3228,N,07438.9385,W,0.8,286.1,060414,11.9,w*42
\$GPVTG,286.1,T,298.0,M,0.8,N,1.5,K*4C
\$GPZDA,072709,06,04,2014,00,00*46
\$GPGBS,072709,,,,,,,,*4A
\$HEHDT,255.0,T*2D
\$GPGGA,072710,3452.3223,N,07438.9388,W,2,8,0.3,8,M,,M,,*61
\$HEHDT,255.3,T*2E

PORT 12000 04-06-2014 07:28:00

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:28:02

\$GPGLL,3452.3223,N,07438.9388,W,072710,A*39
\$GPRMC,072710,A,3452.3223,N,07438.9388,W,0.8,288.0,060414,11.9,w*43
\$GPVTG,288.0,T,299.9,M,0.8,N,1.5,K*4B
\$GPZDA,072710,06,04,2014,00,00*4E
\$GPGBS,072710,,,,,,,,*42
\$HEHDT,255.6,T*2B
\$GPGGA,072711,3452.3224,N,07438.9388,W,2,8,0.3,8,M,,M,,*67
\$HEHDT,256.5,T*2B
\$GPGLL,3452.3224,N,07438.9388,W,072711,A*3F
\$GPRMC,072711,A,3452.3224,N,07438.9388,W,0.7,288.5,060414,11.9,w*4F
\$GPVTG,288.5,T,300.4,M,0.7,N,1.3,K*4B
\$GPZDA,072711,06,04,2014,00,00*4F
\$GPGBS,072711,007.8,002.7,001.9,05,0.05,0016.4,012.5*44
\$HEHDT,256.6,T*28
\$GPGGA,072712,3452.3223,N,07438.9388,W,2,8,0.3,8,M,,M,,*63

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PORT 4 04-06-2014 07:28:03

\$GPGLL,3452.3223,N,07438.9388,W,072712,A*3B
\$GPRMC,072712,A,3452.3223,N,07438.9388,W,0.6,287.8,060414,11.9,w*48
\$HEHDT,257.2,T*2D

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\$GPVTG,287.8,T,299.7,M,0.6,N,1.1,K*48
\$GPZDA,072712,06,04,2014,00,00*4C
\$GPGBS,072712,006.6,002.3,000.7,05,0.05,0014.6,012.5*43
\$GPGGA,072713,3452.3221,N,07438.9391,W,2,8,0.3,8,M,,M,,*68
\$HEHDT,256.9,T*27

PORT 4 04-06-2014 07:28:04
\$GPGLL,3452.3221,N,07438.9391,W,072713,A*30
\$GPRMC,072713,A,3452.3221,N,07438.9391,W,0.6,287.8,060414,11.9,w*43
\$HEHDT,257.3,T*2C
\$GPVTG,287.8,T,299.7,M,0.6,N,1.1,K*48
\$GPZDA,072713,06,04,2014,00,00*4D
\$GPGBS,072713,,,,,,,,*41
\$GPGGA,072714,3452.3224,N,07438.9391,W,2,7,0.3,8,M,,M,,*65
\$HEHDT,256.9,T*27

PORT 4 04-06-2014 07:28:05
\$GPGLL,3452.3224,N,07438.9391,W,072714,A*32
\$GPRMC,072714,A,3452.3224,N,07438.9391,W,0.7,289.0,060414,11.9,w*46
\$GPVTG,289.0,T,300.9,M,0.7,N,1.3,K*42
\$HEHDT,257.0,T*2F
\$GPZDA,072714,06,04,2014,00,00*4A
\$GPGBS,072714,006.8,002.3,000.7,05,0.05,0022.1,012.5*49
\$GPGGA,072715,3452.3230,N,07438.9392,W,2,7,0.3,8,M,,M,,*62
\$HEHDT,257.2,T*2D

PORT 4 04-06-2014 07:28:06
\$GPGLL,3452.3230,N,07438.9392,W,072715,A*35
\$GPRMC,072715,A,3452.3230,N,07438.9392,W,0.7,289.0,060414,11.9,w*41
\$GPVTG,289.0,T,300.9,M,0.7,N,1.3,K*42
\$GPZDA,072715,06,04,2014,00,00*4B
\$HEHDT,256.9,T*27
\$GPGBS,072715,010.4,003.6,001.1,05,0.05,0023.7,012.5*47
\$GPGGA,072716,3452.3232,N,07438.9395,W,2,8,0.3,8,M,,M,,*6B
\$GPGLL,3452.3232,N,07438.9395,W,072716,A*33
\$HEHDT,257.6,T*29
\$GPRMC,072716,A,3452.3232,N,07438.9395,W,0.8,291.7,060414,11.9,w*46
\$GPVTG,291.7,T,303.6,M,0.8,N,1.5,K*49
\$GPZDA,072716,06,04,2014,00,00*48
\$GPGBS,072716,010.0,002.5,000.1,05,0.05,0019.1,012.5*4C
\$GPGGA,072717,3452.3228,N,07438.9398,W,2,8,0.3,8,M,,M,,*6C
\$HEHDT,258.2,T*22

PORT 4 04-06-2014 07:28:08
\$HEHDT,258.2,T*22
\$GPGLL,3452.3228,N,07438.9398,W,072717,A*34
\$GPRMC,072717,A,3452.3228,N,07438.9398,W,0.8,292.7,060414,11.9,w*42
\$GPVTG,292.7,T,304.6,M,0.8,N,1.5,K*4D
\$GPZDA,072717,06,04,2014,00,00*49
\$GPGBS,072717,,,,,,,,*45
\$GPGGA,072718,3452.3230,N,07438.9398,W,2,7,0.4,8,M,,M,,*62
\$HEHDT,259.0,T*21

PORT 4 04-06-2014 07:28:09
\$GPGLL,3452.3230,N,07438.9398,W,072718,A*32
\$GPRMC,072718,A,3452.3230,N,07438.9398,W,0.8,292.3,060414,11.9,w*40
\$GPVTG,292.3,T,304.2,M,0.8,N,1.5,K*4D
\$HEHDT,258.8,T*28
\$GPZDA,072718,06,04,2014,00,00*46
\$GPGBS,072718,009.0,003.3,002.0,05,0.05,0028.1,012.5*4C
\$GPGGA,072719,3452.3228,N,07438.9400,W,2,7,0.3,8,M,,M,,*6B
\$HEHDT,259.0,T*21
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PORT 4 04-06-2014 07:28:10

\$GPGLL,3452.3228,N,07438.9400,W,072719,A*3C
\$GPRMC,072719,A,3452.3228,N,07438.9400,W,0.8,291.6,060414,11.9,W*48
\$GPVTG,291.6,T,303.5,M,0.8,N,1.5,K*4B
\$HEHDT,259.2,T*23
\$GPZDA,072719,06,04,2014,00,00*47
\$GPGBS,072719,,,,,,,,*4B
\$GPGGA,072720,3452.3235,N,07438.9399,W,2,7,0.4,8,M,,M,,*6D
\$HEHDT,259.3,T*22
\$GPGLL,3452.3235,N,07438.9399,W,072720,A*3D
\$GPRMC,072720,A,3452.3235,N,07438.9399,W,0.7,291.4,060414,11.9,W*44
\$GPVTG,291.4,T,303.3,M,0.7,N,1.3,K*46
\$GPZDA,072720,06,04,2014,00,00*4D
\$GPGBS,072720,017.3,006.3,003.8,05,0.05,0038.5,012.5*42
\$HEHDT,259.6,T*27
\$GPGGA,072721,3452.3233,N,07438.9403,W,2,7,0.3,8,M,,M,,*69

PORT 12000 04-06-2014 07:28:10

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:28:11

\$GPGLL,3452.3233,N,07438.9403,W,072721,A*3E
\$HEHDT,259.4,T*25
\$GPRMC,072721,A,3452.3233,N,07438.9403,W,0.8,292.3,060414,11.9,W*4C
\$GPVTG,292.3,T,304.2,M,0.8,N,1.5,K*4D
\$GPZDA,072721,06,04,2014,00,00*4C
\$GPGBS,072721,,,,,,,,*40
\$GPGGA,072722,3452.3234,N,07438.9406,W,2,7,0.4,8,M,,M,,*6F
\$HEHDT,259.5,T*24

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PORT 4 04-06-2014 07:28:13

\$GPGLL,3452.3234,N,07438.9406,W,072722,A*3F
\$HEHDT,259.7,T*26
\$GPRMC,072722,A,3452.3234,N,07438.9406,W,0.8,293.3,060414,11.9,W*4C
\$GPVTG,293.3,T,305.2,M,0.8,N,1.5,K*4D
\$GPZDA,072722,06,04,2014,00,00*4F
\$GPGBS,072722,,,,,,,,*43
\$GPGGA,072723,3452.3237,N,07438.9406,W,2,7,0.3,8,M,,M,,*6A
\$HEHDT,259.8,T*29

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PORT 4 04-06-2014 07:28:14

\$GPGLL,3452.3237,N,07438.9406,W,072723,A*3D
\$GPRMC,072723,A,3452.3237,N,07438.9406,W,0.8,294.6,060414,11.9,W*4C
\$GPVTG,294.6,T,306.5,M,0.8,N,1.5,K*4B
\$HEHDT,260.4,T*2F
\$GPZDA,072723,06,04,2014,00,00*4E
\$GPGBS,072723,008.8,003.0,001.0,05,0.05,0019.9,012.5*47
\$GPGGA,072724,3452.3233,N,07438.9409,W,2,8,0.3,8,M,,M,,*69
\$HEHDT,260.5,T*2E

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PORT 4 04-06-2014 07:28:15

\$GPGLL,3452.3233,N,07438.9409,W,072724,A*31
\$GPRMC,072724,A,3452.3233,N,07438.9409,W,0.8,294.6,060414,11.9,W*40
\$GPVTG,294.6,T,306.5,M,0.8,N,1.5,K*4B
\$HEHDT,260.9,T*22
\$GPZDA,072724,06,04,2014,00,00*49
\$GPGBS,072724,,,,,,,,*45
\$GPGGA,072725,3452.3242,N,07438.9409,W,2,8,0.4,8,M,,M,,*69
\$HEHDT,261.4,T*2E
\$GPGLL,3452.3242,N,07438.9409,W,072725,A*36
\$GPRMC,072725,A,3452.3242,N,07438.9409,W,0.8,295.1,060414,11.9,W*41
\$GPVTG,295.1,T,307.0,M,0.8,N,1.5,K*49
\$GPZDA,072725,06,04,2014,00,00*48
\$GPGBS,072725,019.8,004.9,000.2,05,0.05,0039.3,012.5*44

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\$HEHDT,261.3,T*29
\$GPGGA,072726,3452.3239,N,07438.9413,W,2,8,0.3,8,M,,M,,*6A

PORT 4 04-06-2014 07:28:16
\$GPGLL,3452.3239,N,07438.9413,W,072726,A*32
\$HEHDT,261.3,T*29
\$GPRMC,072726,A,3452.3239,N,07438.9413,W,0.7,295.4,060414,11.9,W*4F
\$GPVTG,295.4,T,307.3,M,0.7,N,1.3,K*46
\$GPZDA,072726,06,04,2014,00,00*4B
\$GPGBS,072726,,,,,,,,*47
\$GPGGA,072727,3452.3236,N,07438.9414,W,2,8,0.4,8,M,,M,,*64
\$HEHDT,261.7,T*2D

PORT 4 04-06-2014 07:28:18
\$HEHDT,261.5,T*2F
\$GPGLL,3452.3236,N,07438.9414,W,072727,A*3B
\$GPRMC,072727,A,3452.3236,N,07438.9414,W,0.6,295.5,060414,11.9,W*46
\$GPVTG,295.5,T,307.4,M,0.6,N,1.1,K*43
\$GPZDA,072727,06,04,2014,00,00*4A
\$GPGBS,072727,,,,,,,,*46
\$HEHDT,261.8,T*22
\$GPGGA,072728,3452.3239,N,07438.9416,W,2,7,0.4,8,M,,M,,*69

PORT 4 04-06-2014 07:28:19
\$GPGLL,3452.3239,N,07438.9416,W,072728,A*39
\$GPRMC,072728,A,3452.3239,N,07438.9416,W,0.6,295.9,060414,11.9,W*48
\$GPVTG,295.9,T,307.8,M,0.6,N,1.1,K*43
\$HEHDT,261.9,T*23
\$GPZDA,072728,06,04,2014,00,00*45
\$GPGBS,072728,009.6,003.3,001.1,05,0.05,0031.8,012.5*4A
\$GPGGA,072729,3452.3237,N,07438.9420,W,2,7,0.3,8,M,,M,,*64
\$HEHDT,262.4,T*2D

PORT 4 04-06-2014 07:28:20
\$GPGLL,3452.3237,N,07438.9420,W,072729,A*33
\$GPRMC,072729,A,3452.3237,N,07438.9420,W,0.6,296.4,060414,11.9,W*4C
\$GPVTG,296.4,T,308.3,M,0.6,N,1.1,K*49
\$HEHDT,262.5,T*2C
\$GPZDA,072729,06,04,2014,00,00*44
\$GPGBS,072729,,,,,,,,*48
\$GPGGA,072730,3452.3238,N,07438.9424,W,2,7,0.4,8,M,,M,,*60
\$HEHDT,262.6,T*2F
PORT 12000 04-06-2014 07:28:20
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:28:21
\$GPGLL,3452.3238,N,07438.9424,W,072730,A*30
\$GPRMC,072730,A,3452.3238,N,07438.9424,W,0.7,297.3,060414,11.9,W*48
\$GPVTG,297.3,T,309.2,M,0.7,N,1.3,K*4C
\$GPZDA,072730,06,04,2014,00,00*4C
\$HEHDT,262.9,T*20
\$GPGBS,072730,,,,,,,,*40
\$GPGGA,072731,3452.3241,N,07438.9424,W,2,7,0.4,8,M,,M,,*6F
\$HEHDT,262.7,T*2E
\$GPGLL,3452.3241,N,07438.9424,W,072731,A*3F
\$GPRMC,072731,A,3452.3241,N,07438.9424,W,0.8,299.1,060414,11.9,W*44
\$GPVTG,299.1,T,311.0,M,0.8,N,1.5,K*42
\$GPZDA,072731,06,04,2014,00,00*4D
\$GPGBS,072731,008.5,002.3,000.7,05,0.05,0022.4,012.5*48
\$GPGGA,072732,3452.3236,N,07438.9427,W,2,8,0.3,8,M,,M,,*67
\$HEHDT,263.2,T*2A

PORT 5 04-06-2014 07:28:22

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PORT 4 04-06-2014 07:28:22
$GPGLL,3452.3236,N,07438.9427,W,072732,A*3F
$GPRMC,072732,A,3452.3236,N,07438.9427,W,0.8,299.8,060414,11.9,W*4D
$HEHDT,263.4,T*2C
$GPVTG,299.8,T,311.7,M,0.8,N,1.5,K*4C
$GPZDA,072732,06,04,2014,00,00*4E
$GPGBS,072732,,,,,,,,*42
$GPGGA,072733,3452.3234,N,07438.9428,W,2,8,0.4,8,M,,M,,*6C
$HEHDT,263.7,T*2F
#
PORT 5 04-06-2014 07:28:25
IN RX
PORT 4 04-06-2014 07:28:25
$GPGLL,3452.3236,N,07438.9427,W,072732,A*3F
$GPRMC,072732,A,3452.3236,N,07438.9427,W,0.8,299.8,060414,11.9,W*4D
$HEHDT,263.4,T*2C
$GPVTG,299.8,T,311.7,M,0.8,N,1.5,K*4C
$GPZDA,072732,06,04,2014,00,00*4E
$GPGBS,072732,,,,,,,,*42
$GPGGA,072733,3452.3234,N,07438.9428,W,2,8,0.4,8,M,,M,,*6C
$HEHDT,263.7,T*2F
$GPGLL,3452.3234,N,07438.9428,W,072733,A*33
$GPRMC,072733,A,3452.3234,N,07438.9428,W,0.7,299.9,060414,11.9,W*4F
$HEHDT,263.7,T*2F
$GPVTG,299.9,T,311.8,M,0.7,N,1.3,K*4B
$GPZDA,072733,06,04,2014,00,00*4F
$GPGBS,072733,,,,,,,,*43
$GPGGA,072734,3452.3233,N,07438.9432,W,2,7,0.4,8,M,,M,,*68
$HEHDT,263.9,T*21
$GPGLL,3452.3233,N,07438.9432,W,072734,A*38
$GPRMC,072734,A,3452.3233,N,07438.9432,W,0.6,299.8,060414,11.9,W*44
$GPVTG,299.8,T,311.7,M,0.6,N,1.1,K*46
$HEHDT,263.8,T*20
$GPZDA,072734,06,04,2014,00,00*48
$GPGBS,072734,,,,,,,,*44
$GPGGA,072735,3452.3235,N,07438.9435,W,2,7,0.4,8,M,,M,,*68
$HEHDT,264.1,T*2E
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PORT 4 04-06-2014 07:28:26
$GPGLL,3452.3236,N,07438.9427,W,072732,A*3F
$GPRMC,072732,A,3452.3236,N,07438.9427,W,0.8,299.8,060414,11.9,W*4D
$HEHDT,263.4,T*2C
$GPVTG,299.8,T,311.7,M,0.8,N,1.5,K*4C
$GPZDA,072732,06,04,2014,00,00*4E
$GPGBS,072732,,,,,,,,*42
$GPGGA,072733,3452.3234,N,07438.9428,W,2,8,0.4,8,M,,M,,*6C
$HEHDT,263.7,T*2F
$GPGLL,3452.3234,N,07438.9428,W,072733,A*33
$GPRMC,072733,A,3452.3234,N,07438.9428,W,0.7,299.9,060414,11.9,W*4F
$HEHDT,263.7,T*2F
$GPVTG,299.9,T,311.8,M,0.7,N,1.3,K*4B
$GPZDA,072733,06,04,2014,00,00*4F
$GPGBS,072733,,,,,,,,*43
$GPGGA,072734,3452.3233,N,07438.9432,W,2,7,0.4,8,M,,M,,*68
$HEHDT,263.9,T*21
$GPGLL,3452.3233,N,07438.9432,W,072734,A*38
$GPRMC,072734,A,3452.3233,N,07438.9432,W,0.6,299.8,060414,11.9,W*44
$GPVTG,299.8,T,311.7,M,0.6,N,1.1,K*46
$HEHDT,263.8,T*20
$GPZDA,072734,06,04,2014,00,00*48
$GPGBS,072734,,,,,,,,*44
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S01_C04_survey.Log

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\$GPRMC,072735,A,3452.3235,N,07438.9435,W,0.7,299.7,060414,11.9,w*4A
\$GPVTG,299.7,T,311.6,M,0.7,N,1.3,K*4B
\$GPZDA,072735,06,04,2014,00,00*49
\$HEHDT,264.1,T*2E
\$GPGBS,072735,,,,,,,,*45
\$GPGGA,072736,3452.3237,N,07438.9438,W,2,8,0.3,8,M,,M,,*6C
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\$GPGLL,3452.3237,N,07438.9438,W,072736,A*34
\$GPRMC,072736,A,3452.3237,N,07438.9438,W,0.8,300.4,060414,11.9,w*4B
\$GPVTG,300.4,T,312.3,M,0.8,N,1.5,K*46
\$GPZDA,072736,06,04,2014,00,00*4A
\$GPGBS,072736,,,,,,,,*46
\$HEHDT,264.7,T*28
\$GPGGA,072737,3452.3238,N,07438.9438,W,2,8,0.3,8,M,,M,,*62

PORT 4 04-06-2014 07:28:27
\$HEHDT,265.1,T*2F
\$GPGLL,3452.3238,N,07438.9438,W,072737,A*3A
\$GPRMC,072737,A,3452.3238,N,07438.9438,W,0.8,301.6,060414,11.9,w*46
\$GPVTG,301.6,T,313.5,M,0.8,N,1.5,K*42
\$GPZDA,072737,06,04,2014,00,00*4B
\$GPGBS,072737,,,,,,,,*47
\$GPGGA,072738,3452.3237,N,07438.9439,W,2,8,0.3,8,M,,M,,*63
\$HEHDT,265.0,T*2E

PORT 4 04-06-2014 07:28:28
\$GPGLL,3452.3237,N,07438.9439,W,072738,A*3B
\$HEHDT,265.2,T*2C
\$GPRMC,072738,A,3452.3237,N,07438.9439,W,0.8,301.8,060414,11.9,w*49
\$GPVTG,301.8,T,313.7,M,0.8,N,1.5,K*4E
\$GPZDA,072738,06,04,2014,00,00*44
\$GPGBS,072738,004.6,001.6,000.5,05,0.05,0010.3,012.5*4C
\$GPGGA,072739,3452.3239,N,07438.9439,W,2,8,0.3,8,M,,M,,*6C
\$HEHDT,264.9,T*26

PORT 4 04-06-2014 07:28:29
\$GPGLL,3452.3239,N,07438.9439,W,072739,A*34
\$GPRMC,072739,A,3452.3239,N,07438.9439,W,0.6,301.1,060414,11.9,w*41
\$HEHDT,265.1,T*2F
\$GPVTG,301.1,T,313.0,M,0.6,N,1.1,K*4A
\$GPZDA,072739,06,04,2014,00,00*45
\$GPGBS,072739,006.2,002.3,001.3,05,0.05,0013.6,012.5*4C
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PORT 4 04-06-2014 07:28:30
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\$GPRMC,072740,A,3452.3243,N,07438.9440,W,0.6,301.1,060414,11.9,w*4C
\$HEHDT,265.9,T*27
\$GPVTG,301.1,T,313.0,M,0.6,N,1.1,K*4A
\$GPZDA,072740,06,04,2014,00,00*4B
\$GPGBS,072740,006.6,002.6,001.2,05,0.05,0014.0,012.5*43
\$GPGGA,072741,3452.3249,N,07438.9442,W,2,8,0.3,8,M,,M,,*68

PORT 4 04-06-2014 07:28:32
\$HEHDT,266.6,T*2B
\$GPGLL,3452.3249,N,07438.9442,W,072741,A*30
\$GPRMC,072741,A,3452.3249,N,07438.9442,W,0.9,305.3,060414,11.9,w*4C

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\$GPVTG,305.3,T,317.2,M,0.9,N,1.7,K*43
\$GPZDA,072741,06,04,2014,00,00*4A
\$GPGBS,072741,006.8,002.5,001.4,05,0.05,0014.8,012.5*41
\$HEHDT,266.8,T*25
\$GPGGA,072742,3452.3247,N,07438.9445,W,2,8,0.3,8,M,,M,,*62

PORT 4 04-06-2014 07:28:33
\$HEHDT,267.5,T*29
\$GPGLL,3452.3247,N,07438.9445,W,072742,A*3A
\$GPRMC,072742,A,3452.3247,N,07438.9445,W,0.9,305.3,060414,11.9,w*46
\$GPVTG,305.3,T,317.2,M,0.9,N,1.7,K*43
\$GPZDA,072742,06,04,2014,00,00*49
\$GPGBS,072742,,,,,,,,*45
\$HEHDT,267.2,T*2E
\$GPGGA,072743,3452.3250,N,07438.9445,W,2,8,0.3,8,M,,M,,*65

PORT 4 04-06-2014 07:28:34
\$GPGLL,3452.3250,N,07438.9445,W,072743,A*3D
\$GPRMC,072743,A,3452.3250,N,07438.9445,W,0.8,306.4,060414,11.9,w*44
\$HEHDT,267.2,T*2E
\$GPVTG,306.4,T,318.3,M,0.8,N,1.5,K*4A
\$GPZDA,072743,06,04,2014,00,00*48
\$GPGBS,072743,009.2,003.3,002.2,05,0.05,0020.1,012.5*4A
\$GPGGA,072744,3452.3247,N,07438.9447,W,2,8,0.3,8,M,,M,,*66
\$HEHDT,267.0,T*2C

PORT 4 04-06-2014 07:28:35
\$GPGLL,3452.3247,N,07438.9447,W,072744,A*3E
\$GPRMC,072744,A,3452.3247,N,07438.9447,W,0.8,306.4,060414,11.9,w*47
\$HEHDT,266.8,T*25
\$GPVTG,306.4,T,318.3,M,0.8,N,1.5,K*4A
\$GPZDA,072744,06,04,2014,00,00*4F
\$GPGBS,072744,,,,,,,,*43
\$GPGGA,072745,3452.3248,N,07438.9449,W,2,8,0.3,8,M,,M,,*66
\$HEHDT,266.7,T*2A

PORT 4 04-06-2014 07:28:36
\$GPGLL,3452.3248,N,07438.9449,W,072745,A*3E
\$GPRMC,072745,A,3452.3248,N,07438.9449,W,0.7,305.8,060414,11.9,w*47
\$HEHDT,267.2,T*2E
\$GPVTG,305.8,T,317.7,M,0.7,N,1.3,K*47
\$GPZDA,072745,06,04,2014,00,00*4E
\$GPGBS,072745,,,,,,,,*42
\$GPGGA,072746,3452.3247,N,07438.9454,W,2,8,0.4,8,M,,M,,*61
\$HEHDT,267.4,T*28

PORT 4 04-06-2014 07:28:37
\$GPGLL,3452.3247,N,07438.9454,W,072746,A*3E
\$GPRMC,072746,A,3452.3247,N,07438.9454,W,0.8,304.8,060414,11.9,w*49
\$GPVTG,304.8,T,316.7,M,0.8,N,1.5,K*4E
\$HEHDT,268.1,T*22
\$GPZDA,072746,06,04,2014,00,00*4D
\$GPGBS,072746,,,,,,,,*41
\$GPGGA,072747,3452.3255,N,07438.9454,W,2,8,0.3,8,M,,M,,*64
\$HEHDT,268.5,T*26

PORT 4 04-06-2014 07:28:38
\$GPGLL,3452.3255,N,07438.9454,W,072747,A*3C
\$GPRMC,072747,A,3452.3255,N,07438.9454,W,0.8,304.7,060414,11.9,w*44
\$GPVTG,304.7,T,316.6,M,0.8,N,1.5,K*40
\$GPZDA,072747,06,04,2014,00,00*4C
\$HEHDT,268.9,T*2A
\$GPGBS,072747,012.9,004.7,003.1,05,0.05,0028.7,012.5*40

S01_C04_survey.Log

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\$HEHDT,269.1,T*23
\$GPRMC,072748,A,3452.3257,N,07438.9453,W,0.8,305.3,060414,11.9,w*4B
\$GPVTG,305.3,T,317.2,M,0.8,N,1.5,K*40
\$GPZDA,072748,06,04,2014,00,00*43
\$GPGBS,072748,007.8,002.7,001.0,05,0.05,0017.9,012.5*4D
\$GPGGA,072749,3452.3257,N,07438.9456,W,2,8,0.3,8,M,,M,,*6A
\$HEHDT,269.2,T*20

PORT 5 04-06-2014 07:28:40

PORT 4 04-06-2014 07:28:40
\$GPGLL,3452.3257,N,07438.9456,W,072749,A*32
\$HEHDT,268.9,T*2A
\$GPRMC,072749,A,3452.3257,N,07438.9456,W,0.8,305.3,060414,11.9,w*4F
\$GPVTG,305.3,T,317.2,M,0.8,N,1.5,K*40
\$GPZDA,072749,06,04,2014,00,00*42
\$GPGBS,072749,,,,,,,,*4E
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PORT 12000 04-06-2014 07:28:40
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PORT 4 04-06-2014 07:28:41
\$GPGLL,3452.3264,N,07438.9455,W,072750,A*39
\$GPRMC,072750,A,3452.3264,N,07438.9455,W,0.8,307.6,060414,11.9,w*43
\$HEHDT,268.7,T*24
\$GPVTG,307.6,T,319.5,M,0.8,N,1.5,K*4E
\$GPZDA,072750,06,04,2014,00,00*4A
\$GPGBS,072750,014.3,004.9,001.8,05,0.05,0033.3,012.5*41
\$GPGGA,072751,3452.3264,N,07438.9460,W,2,7,0.3,8,M,,M,,*69
\$HEHDT,268.6,T*25
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PORT 4 04-06-2014 07:28:42
\$GPGLL,3452.3264,N,07438.9460,W,072751,A*3E
\$GPRMC,072751,A,3452.3264,N,07438.9460,W,0.9,308.7,060414,11.9,w*4B
\$GPVTG,308.7,T,320.6,M,0.9,N,1.7,K*4A
\$HEHDT,269.1,T*23
\$GPZDA,072751,06,04,2014,00,00*4B
\$GPGBS,072751,,,,,,,,*47
\$GPGGA,072752,3452.3264,N,07438.9463,W,2,8,0.3,8,M,,M,,*66
\$HEHDT,269.3,T*21
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PORT 4 04-06-2014 07:28:43
\$GPGLL,3452.3264,N,07438.9463,W,072752,A*3E
\$GPRMC,072752,A,3452.3264,N,07438.9463,W,0.9,309.2,060414,11.9,w*4F
\$GPVTG,309.2,T,321.1,M,0.9,N,1.7,K*48
\$GPZDA,072752,06,04,2014,00,00*48
\$GPGBS,072752,,,,,,,,*44
\$GPGGA,072753,3452.3266,N,07438.9464,W,2,8,0.3,8,M,,M,,*62
\$HEHDT,270.0,T*2A
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PORT 4 04-06-2014 07:28:44
\$HEHDT,270.3,T*29
\$GPGLL,3452.3266,N,07438.9464,W,072753,A*3A
\$GPRMC,072753,A,3452.3266,N,07438.9464,W,0.9,309.2,060414,11.9,w*4B
\$GPVTG,309.2,T,321.1,M,0.9,N,1.7,K*48
\$GPZDA,072753,06,04,2014,00,00*49
\$GPGBS,072753,,,,,,,,*45
\$GPGGA,072754,3452.3265,N,07438.9464,W,2,8,0.3,8,M,,M,,*66
\$HEHDT,270.9,T*23
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S01_C04_survey.Log

PORT 4 04-06-2014 07:28:45

\$GPGLL,3452.3265,N,07438.9464,W,072754,A*3E
\$HEHDT,270.9,T*23
\$GPRMC,072754,A,3452.3265,N,07438.9464,W,0.8,309.4,060414,11.9,w*48
\$GPVTG,309.4,T,321.3,M,0.8,N,1.5,K*4F
\$GPZDA,072754,06,04,2014,00,00*4E
\$GPGBS,072754,,,,,,,,*42
\$GPGGA,072755,3452.3267,N,07438.9467,W,2,8,0.3,8,M,,M,,*66
\$HEHDT,271.1,T*2A

#

PORT 4 04-06-2014 07:28:46

\$GPGLL,3452.3267,N,07438.9467,W,072755,A*3E
\$GPRMC,072755,A,3452.3267,N,07438.9467,W,0.6,310.1,060414,11.9,w*4B
\$HEHDT,270.9,T*23
\$GPVTG,310.1,T,322.0,M,0.6,N,1.1,K*48
\$GPZDA,072755,06,04,2014,00,00*4F
\$GPGBS,072755,005.7,002.1,001.4,05,0.05,0012.3,012.5*41
\$GPGGA,072756,3452.3265,N,07438.9469,W,2,8,0.3,8,M,,M,,*69
\$HEHDT,270.8,T*22

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PORT 4 04-06-2014 07:28:47

\$GPGLL,3452.3265,N,07438.9469,W,072756,A*31
\$GPRMC,072756,A,3452.3265,N,07438.9469,W,0.6,310.1,060414,11.9,w*44
\$HEHDT,270.5,T*2F
\$GPVTG,310.1,T,322.0,M,0.6,N,1.1,K*48
\$GPZDA,072756,06,04,2014,00,00*4C
\$GPGBS,072756,,,,,,,,*40
\$GPGGA,072757,3452.3265,N,07438.9469,W,2,8,0.4,8,M,,M,,*6F
\$HEHDT,270.8,T*22

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PORT 4 04-06-2014 07:28:48

\$GPGLL,3452.3265,N,07438.9469,W,072757,A*30
\$GPRMC,072757,A,3452.3265,N,07438.9469,W,0.7,310.8,060414,11.9,w*4D
\$GPVTG,310.8,T,322.7,M,0.7,N,1.3,K*45
\$GPZDA,072757,06,04,2014,00,00*4D
\$HEHDT,270.7,T*2D
\$GPGBS,072757,005.2,001.9,001.3,05,0.05,0011.3,012.5*49
\$GPGGA,072758,3452.3268,N,07438.9474,W,2,8,0.4,8,M,,M,,*61
\$HEHDT,271.0,T*2B
\$GPGLL,3452.3268,N,07438.9474,W,072758,A*3E
\$GPRMC,072758,A,3452.3268,N,07438.9474,W,0.8,312.9,060414,11.9,w*4F
\$GPVTG,312.9,T,324.8,M,0.8,N,1.5,K*46
\$GPZDA,072758,06,04,2014,00,00*42
\$GPGBS,072758,,,,,,,,*4E
\$GPGGA,072759,3452.3268,N,07438.9475,W,2,8,0.4,8,M,,M,,*61
\$HEHDT,271.2,T*29

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PORT 4 04-06-2014 07:28:49

\$GPGLL,3452.3268,N,07438.9475,W,072759,A*3E
\$HEHDT,271.5,T*2E
\$GPRMC,072759,A,3452.3268,N,07438.9475,W,0.8,312.9,060414,11.9,w*4F
\$GPVTG,312.9,T,324.8,M,0.8,N,1.5,K*46
\$GPZDA,072759,06,04,2014,00,00*43
\$GPGBS,072759,,,,,,,,*4F
\$GPGGA,072800,3452.3265,N,07438.9478,W,2,7,0.4,8,M,,M,,*6D
\$HEHDT,271.7,T*2C

PORT 12000 04-06-2014 07:28:49

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\$GPGLL,3452.3265,N,07438.9478,W,072800,A*3D
\$GPRMC,072800,A,3452.3265,N,07438.9478,W,0.8,313.9,060414,11.9,w*4D
\$HEHDT,272.1,T*29

S01_C04_survey.Log

\$GPVTG,313.9,T,325.8,M,0.8,N,1.5,K*46
\$GPZDA,072800,06,04,2014,00,00*40
\$GPGBS,072800,,,,,,,,*4C
\$GPGGA,072801,3452.3264,N,07438.9478,W,2,7,0.4,8,M,,M,,*6D
\$HEHDT,272.3,T*2B

PORT 4 04-06-2014 07:28:52
\$GPGLL,3452.3264,N,07438.9478,W,072801,A*3D
\$GPRMC,072801,A,3452.3264,N,07438.9478,W,0.7,314.1,060414,11.9,W*4D
\$HEHDT,272.7,T*2F
\$GPVTG,314.1,T,326.0,M,0.7,N,1.3,K*4B
\$GPZDA,072801,06,04,2014,00,00*41
\$GPGBS,072801,,,,,,,,*4D
\$GPGGA,072802,3452.3267,N,07438.9481,W,2,7,0.3,8,M,,M,,*6C
\$HEHDT,272.9,T*21

PORT 4 04-06-2014 07:28:53
\$GPGLL,3452.3267,N,07438.9481,W,072802,A*3B
\$GPRMC,072802,A,3452.3267,N,07438.9481,W,0.6,314.2,060414,11.9,W*49
\$GPVTG,314.2,T,326.1,M,0.6,N,1.1,K*4A
\$GPZDA,072802,06,04,2014,00,00*42
\$GPGBS,072802,004.6,001.6,000.5,05,0.05,0014.8,012.5*45
\$HEHDT,273.1,T*28
\$GPGGA,072803,3452.3266,N,07438.9485,W,2,7,0.3,8,M,,M,,*68

PORT 4 04-06-2014 07:28:54
\$HEHDT,273.1,T*28
\$GPGLL,3452.3266,N,07438.9485,W,072803,A*3F
\$GPRMC,072803,A,3452.3266,N,07438.9485,W,0.6,314.2,060414,11.9,W*4D
\$GPVTG,314.2,T,326.1,M,0.6,N,1.1,K*4A
\$GPZDA,072803,06,04,2014,00,00*43
\$GPGBS,072803,,,,,,,,*4F
\$HEHDT,273.0,T*29
\$GPGGA,072804,3452.3268,N,07438.9487,W,2,7,0.3,8,M,,M,,*63

PORT 4 04-06-2014 07:28:55
\$GPGLL,3452.3268,N,07438.9487,W,072804,A*34
\$HEHDT,272.8,T*20
\$GPRMC,072804,A,3452.3268,N,07438.9487,W,0.8,312.3,060414,11.9,W*4F
\$GPVTG,312.3,T,324.2,M,0.8,N,1.5,K*46
\$GPZDA,072804,06,04,2014,00,00*44
\$GPGBS,072804,,,,,,,,*48
\$GPGGA,072805,3452.3268,N,07438.9489,W,2,7,0.4,8,M,,M,,*6B
\$HEHDT,272.9,T*21

PORT 4 04-06-2014 07:28:56
\$GPGLL,3452.3268,N,07438.9489,W,072805,A*3B
\$HEHDT,272.7,T*2F
\$GPRMC,072805,A,3452.3268,N,07438.9489,W,0.7,312.3,060414,11.9,W*4F
\$GPVTG,312.3,T,324.2,M,0.7,N,1.3,K*4F
\$GPZDA,072805,06,04,2014,00,00*45
\$GPGBS,072805,,,,,,,,*49
\$GPGGA,072806,3452.3274,N,07438.9488,W,2,7,0.3,8,M,,M,,*63
\$HEHDT,273.2,T*2B

PORT 4 04-06-2014 07:28:57
\$GPGLL,3452.3274,N,07438.9488,W,072806,A*34
\$GPRMC,072806,A,3452.3274,N,07438.9488,W,0.7,313.1,060414,11.9,W*43
\$GPVTG,313.1,T,325.0,M,0.7,N,1.3,K*4F
\$HEHDT,273.4,T*2D
\$GPZDA,072806,06,04,2014,00,00*46
\$GPGBS,072806,008.5,002.3,000.9,05,0.05,0023.1,012.5*49
\$GPGGA,072807,3452.3273,N,07438.9492,W,2,7,0.3,8,M,,M,,*6E

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\$HEHDT,273.9,T*20

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PORT 4 04-06-2014 07:28:58

\$GPGLL,3452.3273,N,07438.9492,W,072807,A*39

\$GPRMC,072807,A,3452.3273,N,07438.9492,W,0.7,313.1,060414,11.9,W*4E

\$GPVTG,313.1,T,325.0,M,0.7,N,1.3,K*4F

\$HEHDT,274.0,T*2E

\$GPZDA,072807,06,04,2014,00,00*47

\$GPGBS,072807,,,,,,,,*4B

\$GPGGA,072808,3452.3275,N,07438.9493,W,2,8,0.4,8,M,,M,,*6E

\$HEHDT,274.2,T*2C

\$GPGLL,3452.3275,N,07438.9493,W,072808,A*31

\$GPRMC,072808,A,3452.3275,N,07438.9493,W,0.8,315.6,060414,11.9,W*48

\$GPVTG,315.6,T,327.5,M,0.8,N,1.5,K*40

\$GPZDA,072808,06,04,2014,00,00*48

\$GPGBS,072808,,,,,,,,*44

\$GPGGA,072809,3452.3277,N,07438.9496,W,2,8,0.4,8,M,,M,,*68

\$HEHDT,274.0,T*2E

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PORT 4 04-06-2014 07:28:59

\$HEHDT,274.0,T*2E

\$GPGLL,3452.3277,N,07438.9496,W,072809,A*37

\$GPRMC,072809,A,3452.3277,N,07438.9496,W,0.8,315.6,060414,11.9,W*4E

\$GPVTG,315.6,T,327.5,M,0.8,N,1.5,K*40

\$GPZDA,072809,06,04,2014,00,00*49

\$GPGBS,072809,,,,,,,,*45

\$GPGGA,072810,3452.3276,N,07438.9496,W,2,8,0.3,8,M,,M,,*66

\$HEHDT,274.0,T*2E

PORT 12000 04-06-2014 07:28:59

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PORT 4 04-06-2014 07:29:00

\$GPGLL,3452.3276,N,07438.9496,W,072810,A*3E

\$GPRMC,072810,A,3452.3276,N,07438.9496,W,0.8,316.6,060414,11.9,W*44

\$HEHDT,274.4,T*2A

\$GPVTG,316.6,T,328.5,M,0.8,N,1.5,K*4C

\$GPZDA,072810,06,04,2014,00,00*41

\$GPGBS,072810,,,,,,,,*4D

\$GPGGA,072811,3452.3278,N,07438.9497,W,2,8,0.4,8,M,,M,,*6F

\$HEHDT,274.6,T*28

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PORT 4 04-06-2014 07:29:01

\$GPGLL,3452.3278,N,07438.9497,W,072811,A*30

\$GPRMC,072811,A,3452.3278,N,07438.9497,W,0.8,317.3,060414,11.9,W*4E

\$HEHDT,275.2,T*2D

\$GPVTG,317.3,T,329.2,M,0.8,N,1.5,K*4E

\$GPZDA,072811,06,04,2014,00,00*40

\$GPGBS,072811,,,,,,,,*4C

\$GPGGA,072812,3452.3276,N,07438.9500,W,2,8,0.3,8,M,,M,,*6A

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PORT 4 04-06-2014 07:29:02

\$HEHDT,275.5,T*2A

\$GPGLL,3452.3276,N,07438.9500,W,072812,A*32

\$GPRMC,072812,A,3452.3276,N,07438.9500,W,0.6,318.2,060414,11.9,W*4C

\$GPVTG,318.2,T,330.1,M,0.6,N,1.1,K*41

\$GPZDA,072812,06,04,2014,00,00*43

\$HEHDT,276.0,T*2C

\$GPGBS,072812,,,,,,,,*4F

\$GPGGA,072813,3452.3278,N,07438.9501,W,2,8,0.3,8,M,,M,,*64

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PORT 4 04-06-2014 07:29:03

\$HEHDT,276.0,T*2C

\$GPGLL,3452.3278,N,07438.9501,W,072813,A*3C

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\$GPRMC,072813,A,3452.3278,N,07438.9501,W,0.6,317.8,060414,11.9,w*47
\$GPVTG,317.8,T,329.7,M,0.6,N,1.1,K*4A
\$GPZDA,072813,06,04,2014,00,00*42
\$HEHDT,276.2,T*2E
\$GPGGBS,072813,,,,,,,,*4E
\$GPGGA,072814,3452.3279,N,07438.9503,W,2,8,0.3,9,M,,M,,*61

PORT 4 04-06-2014 07:29:04
\$HEHDT,276.3,T*2F
\$GPGLL,3452.3279,N,07438.9503,W,072814,A*38
\$GPRMC,072814,A,3452.3279,N,07438.9503,W,0.6,316.6,060414,11.9,w*4C
\$GPVTG,316.6,T,328.5,M,0.6,N,1.1,K*46
\$GPZDA,072814,06,04,2014,00,00*45
\$GPGGBS,072814,,,,,,,,*49
\$GPGGA,072815,3452.3279,N,07438.9505,W,2,8,0.3,9,M,,M,,*66
\$HEHDT,276.4,T*28

PORT 4 04-06-2014 07:29:05
\$GPGLL,3452.3279,N,07438.9505,W,072815,A*3F
\$HEHDT,276.2,T*2E
\$GPRMC,072815,A,3452.3279,N,07438.9505,W,0.7,315.3,060414,11.9,w*4C
\$GPVTG,315.3,T,327.2,M,0.7,N,1.3,K*4B
\$GPZDA,072815,06,04,2014,00,00*44
\$GPGGBS,072815,,,,,,,,*48
\$GPGGA,072816,3452.3282,N,07438.9507,W,2,8,0.3,9,M,,M,,*63
\$HEHDT,276.2,T*2E

PORT 4 04-06-2014 07:29:06
\$GPGLL,3452.3282,N,07438.9507,W,072816,A*3A
\$GPRMC,072816,A,3452.3282,N,07438.9507,W,0.8,315.2,060414,11.9,w*47
\$HEHDT,276.0,T*2C
\$GPVTG,315.2,T,327.1,M,0.8,N,1.5,K*40
\$GPZDA,072816,06,04,2014,00,00*47
\$GPGGBS,072816,,,,,,,,*4B
\$GPGGA,072817,3452.3285,N,07438.9507,W,2,8,0.4,9,M,,M,,*62
\$HEHDT,276.1,T*2D

PORT 4 04-06-2014 07:29:07
\$GPGLL,3452.3285,N,07438.9507,W,072817,A*3C
\$GPRMC,072817,A,3452.3285,N,07438.9507,W,0.9,318.4,060414,11.9,w*4B
\$GPVTG,318.4,T,330.3,M,0.9,N,1.7,K*4C
\$HEHDT,276.4,T*28
\$GPZDA,072817,06,04,2014,00,00*46
\$GPGGBS,072817,,,,,,,,*4A
\$GPGGA,072818,3452.3285,N,07438.9507,W,2,7,0.4,9,M,,M,,*62

PORT 4 04-06-2014 07:29:08
\$HEHDT,276.7,T*2B
\$GPGLL,3452.3285,N,07438.9507,W,072818,A*33
\$GPRMC,072818,A,3452.3285,N,07438.9507,W,0.9,318.4,060414,11.9,w*44
\$GPVTG,318.4,T,330.3,M,0.9,N,1.7,K*4C
\$GPZDA,072818,06,04,2014,00,00*49
\$GPGGBS,072818,007.1,002.4,001.1,05,0.05,0016.8,012.5*4C
\$HEHDT,277.3,T*2E
\$GPGGA,072819,3452.3296,N,07438.9510,W,2,7,0.4,9,M,,M,,*67

PORT 4 04-06-2014 07:29:09
\$HEHDT,277.9,T*24
\$GPGLL,3452.3296,N,07438.9510,W,072819,A*36
\$GPRMC,072819,A,3452.3296,N,07438.9510,W,1.1,325.7,060414,11.9,w*45
\$GPVTG,325.7,T,337.6,M,1.1,N,2.0,K*4E
\$GPZDA,072819,06,04,2014,00,00*48
\$GPGGBS,072819,,,,,,,,*44

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\$HEHDT,278.1,T*23
\$GPGGA,072820,3452.3295,N,07438.9512,W,2,6,0.3,9,M,,M,,*6A
PORT 12000 04-06-2014 07:29:09
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:29:10
\$HEHDT,278.2,T*20
\$GPGLL,3452.3295,N,07438.9512,W,072820,A*3D
\$GPRMC,072820,A,3452.3295,N,07438.9512,W,1.0,325.0,060414,11.9,W*48
\$GPVTG,325.0,T,336.9,M,1.0,N,1.9,K*4C
\$GPZDA,072820,06,04,2014,00,00*42
\$GPGBS,072820,,,,,,,,*4E
\$HEHDT,278.6,T*24
\$GPGGA,072821,3452.3293,N,07438.9514,W,2,6,0.3,9,M,,M,,*6B

PORT 4 04-06-2014 07:29:11
\$GPGLL,3452.3293,N,07438.9514,W,072821,A*3C
\$HEHDT,278.3,T*21
\$GPRMC,072821,A,3452.3293,N,07438.9514,W,1.0,325.0,060414,11.9,W*49
\$GPVTG,325.0,T,336.9,M,1.0,N,1.9,K*4C
\$GPZDA,072821,06,04,2014,00,00*43
\$GPGBS,072821,004.8,001.6,000.7,05,0.05,0011.2,012.5*47
\$GPGGA,072822,3452.3295,N,07438.9512,W,2,8,0.3,9,M,,M,,*66
\$HEHDT,278.3,T*21

PORT 4 04-06-2014 07:29:13
\$GPGLL,3452.3295,N,07438.9512,W,072822,A*3F
\$GPRMC,072822,A,3452.3295,N,07438.9512,W,1.0,320.9,060414,11.9,W*46
\$HEHDT,278.4,T*26
\$GPVTG,320.9,T,332.8,M,1.0,N,1.9,K*45
\$GPZDA,072822,06,04,2014,00,00*40
\$GPGBS,072822,006.8,002.4,001.8,05,0.05,0015.2,012.5*4D
\$GPGGA,072823,3452.3297,N,07438.9514,W,2,8,0.3,9,M,,M,,*63
\$HEHDT,278.5,T*27

PORT 4 04-06-2014 07:29:14
\$GPGLL,3452.3297,N,07438.9514,W,072823,A*3A
\$GPRMC,072823,A,3452.3297,N,07438.9514,W,0.9,314.6,060414,11.9,W*43
\$GPVTG,314.6,T,326.5,M,0.9,N,1.7,K*43
\$GPZDA,072823,06,04,2014,00,00*41
\$HEHDT,279.0,T*23
\$GPGBS,072823,005.1,001.8,001.4,05,0.05,0016.5,012.5*41
\$GPGGA,072824,3452.3300,N,07438.9516,W,2,8,0.3,9,M,,M,,*69

PORT 4 04-06-2014 07:29:15
\$HEHDT,279.2,T*21
\$GPGLL,3452.3300,N,07438.9516,W,072824,A*30
\$GPRMC,072824,A,3452.3300,N,07438.9516,W,1.0,310.3,060414,11.9,W*40
\$GPVTG,310.3,T,322.2,M,1.0,N,1.9,K*47
\$GPZDA,072824,06,04,2014,00,00*46
\$GPGBS,072824,,,,,,,,*4A
\$HEHDT,279.4,T*27
\$GPGGA,072825,3452.3307,N,07438.9518,W,2,8,0.3,9,M,,M,,*61

PORT 4 04-06-2014 07:29:16
\$HEHDT,279.3,T*20
\$GPGLL,3452.3307,N,07438.9518,W,072825,A*38
\$GPRMC,072825,A,3452.3307,N,07438.9518,W,1.1,311.0,060414,11.9,W*4B
\$GPVTG,311.0,T,322.9,M,1.1,N,2.0,K*45
\$GPZDA,072825,06,04,2014,00,00*47
\$GPGBS,072825,,,,,,,,*4B
\$GPGGA,072826,3452.3311,N,07438.9517,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,279.2,T*21

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PORT 4 04-06-2014 07:29:17
$GPGLL,3452.3311,N,07438.9517,W,072826,A*33
$HEHDT,279.6,T*25
$GPRMC,072826,A,3452.3311,N,07438.9517,W,1.2,314.9,060414,11.9,W*4F
$GPVTG,314.9,T,326.8,M,1.2,N,2.2,K*4D
$GPZDA,072826,06,04,2014,00,00*44
$GPGBS,072826,,,,,,,,*48
$GPGGA,072827,3452.3315,N,07438.9518,W,2,8,0.3,8,M,,M,,*61
$HEHDT,280.1,T*24
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PORT 4 04-06-2014 07:29:18
$GPGLL,3452.3315,N,07438.9518,W,072827,A*39
$GPRMC,072827,A,3452.3315,N,07438.9518,W,1.1,317.7,060414,11.9,W*4B
$HEHDT,280.4,T*21
$GPVTG,317.7,T,329.6,M,1.1,N,2.0,K*40
$GPZDA,072827,06,04,2014,00,00*45
$GPGBS,072827,,,,,,,,*49
$GPGGA,072828,3452.3315,N,07438.9518,W,2,8,0.3,8,M,,M,,*6E
$HEHDT,281.2,T*26
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PORT 4 04-06-2014 07:29:19
$GPGLL,3452.3315,N,07438.9518,W,072828,A*36
$GPRMC,072828,A,3452.3315,N,07438.9518,W,1.1,317.7,060414,11.9,W*44
$HEHDT,281.4,T*20
$GPVTG,317.7,T,329.6,M,1.1,N,2.0,K*40
$GPZDA,072828,06,04,2014,00,00*4A
$GPGBS,072828,005.4,002.0,001.5,05,0.05,0011.9,012.5*4E
$GPGGA,072829,3452.3317,N,07438.9521,W,2,8,0.3,8,M,,M,,*67
$HEHDT,281.5,T*21
#
PORT 4 04-06-2014 07:29:20
$GPGLL,3452.3317,N,07438.9521,W,072829,A*3F
$GPRMC,072829,A,3452.3317,N,07438.9521,W,1.1,319.1,060414,11.9,W*45
$GPVTG,319.1,T,331.0,M,1.1,N,2.0,K*47
$HEHDT,281.6,T*22
$GPZDA,072829,06,04,2014,00,00*4B
$GPGBS,072829,005.1,001.8,001.6,05,0.05,0011.1,012.5*4A
$GPGGA,072830,3452.3318,N,07438.9523,W,2,8,0.3,8,M,,M,,*62
$HEHDT,281.6,T*22
$GPGLL,3452.3318,N,07438.9523,W,072830,A*3A
$GPRMC,072830,A,3452.3318,N,07438.9523,W,1.0,319.2,060414,11.9,W*42
$GPVTG,319.2,T,331.1,M,1.0,N,1.9,K*4E
$GPZDA,072830,06,04,2014,00,00*43
$GPGBS,072830,004.6,001.6,000.8,05,0.05,0010.5,012.5*40
$HEHDT,281.7,T*23
$GPGGA,072831,3452.3317,N,07438.9525,W,2,8,0.3,8,M,,M,,*6A
PORT 12000 04-06-2014 07:29:20
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PORT 4 04-06-2014 07:29:21
$GPGLL,3452.3317,N,07438.9525,W,072831,A*32
$HEHDT,281.8,T*2C
$GPRMC,072831,A,3452.3317,N,07438.9525,W,0.9,317.7,060414,11.9,W*49
$GPVTG,317.7,T,329.6,M,0.9,N,1.7,K*4D
$GPZDA,072831,06,04,2014,00,00*42
$GPGBS,072831,,,,,,,,*4E
$GPGGA,072832,3452.3318,N,07438.9526,W,2,8,0.3,8,M,,M,,*65
$HEHDT,282.2,T*25
#
PORT 4 04-06-2014 07:29:22
$GPGLL,3452.3318,N,07438.9526,W,072832,A*3D
$GPRMC,072832,A,3452.3318,N,07438.9526,W,0.8,316.9,060414,11.9,W*48
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$HEHDT,282.5,T*22
$GPVTG,316.9,T,328.8,M,0.8,N,1.5,K*4E
$GPZDA,072832,06,04,2014,00,00*41
$GPGBS,072832,,,,,,,,*4D
$GPGGA,072833,3452.3322,N,07438.9529,W,2,8,0.3,8,M,,M,,*62
$HEHDT,282.7,T*20
#
PORT 4 04-06-2014 07:29:24
$GPGLL,3452.3322,N,07438.9529,W,072833,A*3A
$GPRMC,072833,A,3452.3322,N,07438.9529,W,0.9,316.7,060414,11.9,w*40
$HEHDT,283.3,T*25
$GPVTG,316.7,T,328.6,M,0.9,N,1.7,K*4D
$GPZDA,072833,06,04,2014,00,00*40
$GPGBS,072833,,,,,,,,*4C
$GPGGA,072834,3452.3325,N,07438.9529,W,2,8,0.3,8,M,,M,,*62
$HEHDT,283.6,T*20
#
PORT 4 04-06-2014 07:29:25
$GPGLL,3452.3325,N,07438.9529,W,072834,A*3A
$GPRMC,072834,A,3452.3325,N,07438.9529,W,0.9,317.4,060414,11.9,w*42
$GPVTG,317.4,T,329.3,M,0.9,N,1.7,K*4B
$GPZDA,072834,06,04,2014,00,00*47
$HEHDT,283.9,T*2F
$GPGBS,072834,,,,,,,,*4B
$GPGGA,072835,3452.3326,N,07438.9532,W,2,8,0.3,8,M,,M,,*6A
$HEHDT,283.5,T*23
#
PORT 4 04-06-2014 07:29:26
$GPGLL,3452.3326,N,07438.9532,W,072835,A*32
$GPRMC,072835,A,3452.3326,N,07438.9532,W,0.9,318.0,060414,11.9,w*41
$GPVTG,318.0,T,329.9,M,0.9,N,1.7,K*4A
$GPZDA,072835,06,04,2014,00,00*46
$GPGBS,072835,,,,,,,,*4A
$HEHDT,283.4,T*22
$GPGGA,072836,3452.3329,N,07438.9531,W,2,8,0.3,8,M,,M,,*65
#
PORT 4 04-06-2014 07:29:27
$GPGLL,3452.3329,N,07438.9531,W,072836,A*3D
$HEHDT,283.6,T*20
$GPRMC,072836,A,3452.3329,N,07438.9531,W,0.9,318.8,060414,11.9,w*46
$GPVTG,318.8,T,330.7,M,0.9,N,1.7,K*44
$GPZDA,072836,06,04,2014,00,00*45
$GPGBS,072836,,,,,,,,*49
$GPGGA,072837,3452.3332,N,07438.9532,W,2,8,0.3,8,M,,M,,*6D
$HEHDT,283.3,T*25
#
PORT 4 04-06-2014 07:29:28
$GPGLL,3452.3332,N,07438.9532,W,072837,A*35
$HEHDT,284.1,T*20
$GPRMC,072837,A,3452.3332,N,07438.9532,W,0.9,321.7,060414,11.9,w*4B
$GPVTG,321.7,T,333.6,M,0.9,N,1.7,K*43
$GPZDA,072837,06,04,2014,00,00*44
$GPGBS,072837,,,,,,,,*48
$GPGGA,072838,3452.3336,N,07438.9532,W,2,8,0.3,8,M,,M,,*66
$HEHDT,284.5,T*24
$GPGLL,3452.3336,N,07438.9532,W,072838,A*3E
$GPRMC,072838,A,3452.3336,N,07438.9532,W,1.0,324.9,060414,11.9,w*43
$GPVTG,324.9,T,336.8,M,1.0,N,1.9,K*45
$HEHDT,285.0,T*20
$GPZDA,072838,06,04,2014,00,00*4B
$GPGBS,072838,,,,,,,,*47
$GPGGA,072839,3452.3337,N,07438.9534,W,2,8,0.3,8,M,,M,,*60
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S01_C04_survey.Log

PORT 4 04-06-2014 07:29:29

\$HEHDT,285.1,T*21
\$GPGLL,3452.3337,N,07438.9534,W,072839,A*38
\$GPRMC,072839,A,3452.3337,N,07438.9534,W,0.9,325.9,060414,11.9,W*4C
\$GPVTG,325.9,T,337.8,M,0.9,N,1.7,K*43
\$HEHDT,285.4,T*24
\$GPZDA,072839,06,04,2014,00,00*4A
\$GPGBS,072839,,,,,,,,*46
\$GPGGA,072840,3452.3336,N,07438.9536,W,2,8,0.3,8,M,,M,,*6D
PORT 12000 04-06-2014 07:29:29
\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:29:30

\$HEHDT,285.7,T*27
\$GPGLL,3452.3336,N,07438.9536,W,072840,A*35
\$GPRMC,072840,A,3452.3336,N,07438.9536,W,0.9,325.6,060414,11.9,W*4E
\$GPVTG,325.6,T,337.5,M,0.9,N,1.7,K*41
\$GPZDA,072840,06,04,2014,00,00*44
\$GPGBS,072840,,,,,,,,*48
\$GPGGA,072841,3452.3335,N,07438.9537,W,2,8,0.3,8,M,,M,,*6E
\$HEHDT,285.9,T*29

#

PORT 4 04-06-2014 07:29:31

\$HEHDT,286.4,T*27
\$GPGLL,3452.3335,N,07438.9537,W,072841,A*36
\$GPRMC,072841,A,3452.3335,N,07438.9537,W,0.8,323.3,060414,11.9,W*4F
\$GPVTG,323.3,T,335.2,M,0.8,N,1.5,K*44
\$GPZDA,072841,06,04,2014,00,00*45
\$GPGBS,072841,,,,,,,,*49
\$GPGGA,072842,3452.3334,N,07438.9541,W,2,8,0.3,8,M,,M,,*6D
\$HEHDT,286.5,T*26

#

PORT 4 04-06-2014 07:29:32

\$GPGLL,3452.3334,N,07438.9541,W,072842,A*35
\$GPRMC,072842,A,3452.3334,N,07438.9541,W,0.9,318.6,060414,11.9,W*40
\$HEHDT,286.9,T*2A
\$GPVTG,318.6,T,330.5,M,0.9,N,1.7,K*48
\$GPZDA,072842,06,04,2014,00,00*46
\$GPGBS,072842,,,,,,,,*4A
\$GPGGA,072843,3452.3337,N,07438.9543,W,2,8,0.3,8,M,,M,,*6D
\$HEHDT,287.0,T*22

#

PORT 4 04-06-2014 07:29:34

\$GPGLL,3452.3337,N,07438.9543,W,072843,A*35
\$GPRMC,072843,A,3452.3337,N,07438.9543,W,0.9,315.5,060414,11.9,W*4E
\$HEHDT,286.6,T*25
\$GPVTG,315.5,T,327.4,M,0.9,N,1.7,K*41
\$GPZDA,072843,06,04,2014,00,00*47
\$GPGBS,072843,,,,,,,,*4B
\$GPGGA,072844,3452.3343,N,07438.9543,W,2,8,0.3,8,M,,M,,*69
\$HEHDT,286.7,T*24

#

PORT 4 04-06-2014 07:29:35

\$GPGLL,3452.3343,N,07438.9543,W,072844,A*31
\$GPRMC,072844,A,3452.3343,N,07438.9543,W,0.9,315.5,060414,11.9,W*4A
\$GPVTG,315.5,T,327.4,M,0.9,N,1.7,K*41
\$GPZDA,072844,06,04,2014,00,00*40
\$HEHDT,286.4,T*27
\$GPGBS,072844,,,,,,,,*4C
\$GPGGA,072845,3452.3346,N,07438.9543,W,2,8,0.3,8,M,,M,,*6D
\$HEHDT,286.7,T*24

#

PORT 4 04-06-2014 07:29:36

S01_C04_survey.Log

\$GPGLL,3452.3346,N,07438.9543,W,072845,A*35
\$GPRMC,072845,A,3452.3346,N,07438.9543,W,1.1,319.8,060414,11.9,W*46
\$GPVTG,319.8,T,331.7,M,1.1,N,2.0,K*49
\$GPZDA,072845,06,04,2014,00,00*41
\$GPGBS,072845,,,,,,,,*4D
\$HEHDT,287.2,T*20
\$GPGGA,072846,3452.3349,N,07438.9547,W,2,8,0.5,8,M,,M,,*63

PORT 4 04-06-2014 07:29:37
\$HEHDT,287.5,T*27
\$GPGLL,3452.3349,N,07438.9547,W,072846,A*3D
\$GPRMC,072846,A,3452.3349,N,07438.9547,W,1.0,320.9,060414,11.9,W*44
\$GPVTG,320.9,T,332.8,M,1.0,N,1.9,K*45
\$GPZDA,072846,06,04,2014,00,00*42
\$GPGBS,072846,,,,,,,,*4E
\$GPGGA,072847,3452.3351,N,07438.9548,W,2,8,0.5,8,M,,M,,*64
\$HEHDT,288.3,T*2E

PORT 4 04-06-2014 07:29:38
\$GPGLL,3452.3351,N,07438.9548,W,072847,A*3A
\$HEHDT,288.7,T*2A
\$GPRMC,072847,A,3452.3351,N,07438.9548,W,1.0,321.6,060414,11.9,W*4D
\$GPVTG,321.6,T,333.5,M,1.0,N,1.9,K*47
\$GPZDA,072847,06,04,2014,00,00*43
\$GPGBS,072847,,,,,,,,*4F
\$GPGGA,072848,3452.3354,N,07438.9550,W,2,6,0.5,8,M,,M,,*69
\$HEHDT,288.8,T*25

PORT 4 04-06-2014 07:29:39
\$GPGLL,3452.3354,N,07438.9550,W,072848,A*39
\$GPRMC,072848,A,3452.3354,N,07438.9550,W,0.9,322.7,060414,11.9,W*44
\$HEHDT,289.0,T*2C
\$GPVTG,322.7,T,334.6,M,0.9,N,1.7,K*47
\$GPZDA,072848,06,04,2014,00,00*4C
\$GPGBS,072848,,,,,,,,*40
\$GPGGA,072849,3452.3358,N,07438.9550,W,2,6,0.5,8,M,,M,,*64
\$HEHDT,289.3,T*2F

PORT 4 04-06-2014 07:29:40
\$GPGLL,3452.3358,N,07438.9550,W,072849,A*34
\$GPRMC,072849,A,3452.3358,N,07438.9550,W,0.9,324.8,060414,11.9,W*40
\$GPVTG,324.8,T,336.7,M,0.9,N,1.7,K*4D
\$HEHDT,289.2,T*2E
\$GPZDA,072849,06,04,2014,00,00*4D
\$GPGBS,072849,,,,,,,,*41
\$GPGGA,072850,3452.3358,N,07438.9550,W,2,6,0.5,8,M,,M,,*6C
\$HEHDT,289.9,T*25
\$GPGLL,3452.3358,N,07438.9550,W,072850,A*3C
\$GPRMC,072850,A,3452.3358,N,07438.9550,W,0.9,324.8,060414,11.9,W*48
\$GPVTG,324.8,T,336.7,M,0.9,N,1.7,K*4D
\$GPZDA,072850,06,04,2014,00,00*45
\$GPGBS,072850,,,,,,,,*49
\$HEHDT,290.3,T*27
\$GPGGA,072851,3452.3359,N,07438.9552,W,2,6,0.3,8,M,,M,,*68
PORT 12000 04-06-2014 07:29:40
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:29:41
\$HEHDT,290.3,T*27
\$GPGLL,3452.3359,N,07438.9552,W,072851,A*3E
\$GPRMC,072851,A,3452.3359,N,07438.9552,W,0.9,327.0,060414,11.9,W*41
\$GPVTG,327.0,T,338.9,M,0.9,N,1.7,K*46
\$GPZDA,072851,06,04,2014,00,00*44

S01_C04_survey.Log

\$GPGBS,072851,,,,,,,,*48
\$GPGGA,072852,3452.3356,N,07438.9554,W,2,8,0.3,9,M,,M,,*6D
\$HEHDT,291.0,T*25

PORT 4 04-06-2014 07:29:42
\$GPGLL,3452.3356,N,07438.9554,W,072852,A*34
\$HEHDT,291.4,T*21
\$GPRMC,072852,A,3452.3356,N,07438.9554,W,0.8,327.5,060414,11.9,W*4F
\$GPVTG,327.5,T,339.4,M,0.8,N,1.5,K*4C
\$GPZDA,072852,06,04,2014,00,00*47
\$GPGBS,072852,,,,,,,,*4B
\$GPGGA,072853,3452.3356,N,07438.9554,W,2,8,0.3,9,M,,M,,*6C
\$HEHDT,291.4,T*21

PORT 4 04-06-2014 07:29:43
\$GPGLL,3452.3356,N,07438.9554,W,072853,A*35
\$GPRMC,072853,A,3452.3356,N,07438.9554,W,0.9,324.4,060414,11.9,W*4D
\$HEHDT,291.5,T*20
\$GPVTG,324.4,T,336.3,M,0.9,N,1.7,K*45
\$GPZDA,072853,06,04,2014,00,00*46
\$GPGBS,072853,,,,,,,,*4A
\$GPGGA,072854,3452.3358,N,07438.9558,W,2,8,0.3,9,M,,M,,*69
\$HEHDT,291.7,T*22

PORT 4 04-06-2014 07:29:44
\$GPGLL,3452.3358,N,07438.9558,W,072854,A*30
\$GPRMC,072854,A,3452.3358,N,07438.9558,W,0.8,321.2,060414,11.9,W*4A
\$HEHDT,292.0,T*26
\$GPVTG,321.2,T,333.1,M,0.8,N,1.5,K*42
\$GPZDA,072854,06,04,2014,00,00*41
\$GPGBS,072854,,,,,,,,*4D
\$GPGGA,072855,3452.3362,N,07438.9557,W,2,8,0.3,9,M,,M,,*6E

PORT 4 04-06-2014 07:29:45
\$HEHDT,292.2,T*24
\$GPGLL,3452.3362,N,07438.9557,W,072855,A*37
\$GPRMC,072855,A,3452.3362,N,07438.9557,W,0.9,319.0,060414,11.9,W*45
\$GPVTG,319.0,T,330.9,M,0.9,N,1.7,K*43
\$GPZDA,072855,06,04,2014,00,00*40
\$HEHDT,292.3,T*25
\$GPGBS,072855,,,,,,,,*4C
\$GPGGA,072856,3452.3365,N,07438.9558,W,2,8,0.3,9,M,,M,,*65

PORT 4 04-06-2014 07:29:46
\$HEHDT,292.5,T*23
\$GPGLL,3452.3365,N,07438.9558,W,072856,A*3C
\$GPRMC,072856,A,3452.3365,N,07438.9558,W,1.1,324.8,060414,11.9,W*41
\$GPVTG,324.8,T,336.7,M,1.1,N,2.0,K*40
\$GPZDA,072856,06,04,2014,00,00*43
\$GPGBS,072856,,,,,,,,*4F
\$GPGGA,072857,3452.3367,N,07438.9559,W,2,8,0.3,9,M,,M,,*67
\$HEHDT,292.9,T*2F

PORT 4 04-06-2014 07:29:47
\$HEHDT,293.0,T*27
\$GPGLL,3452.3367,N,07438.9559,W,072857,A*3E
\$GPRMC,072857,A,3452.3367,N,07438.9559,W,1.1,324.8,060414,11.9,W*43
\$GPVTG,324.8,T,336.7,M,1.1,N,2.0,K*40
\$GPZDA,072857,06,04,2014,00,00*42
\$GPGBS,072857,,,,,,,,*4E
\$GPGGA,072858,3452.3366,N,07438.9561,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,293.1,T*26
#

S01_C04_survey.Log

PORT 4 04-06-2014 07:29:48

\$GPGLL,3452.3366,N,07438.9561,W,072858,A*3B
\$HEHDT,293.2,T*25
\$GPRMC,072858,A,3452.3366,N,07438.9561,W,1.0,325.8,060414,11.9,W*46
\$GPVTG,325.8,T,337.7,M,1.0,N,1.9,K*4B
\$GPZDA,072858,06,04,2014,00,00*4D
\$GPGGBS,072858,,,,,,,,*41
\$GPGGA,072859,3452.3368,N,07438.9562,W,2,8,0.3,9,M,,M,,*6E
\$HEHDT,293.4,T*23

#

PORT 5 04-06-2014 07:29:50

RNG: TX = 11.0 RX = 11.50 time = 04.186 Sec.

PORT 4 04-06-2014 07:29:50

\$GPGLL,3452.3368,N,07438.9562,W,072859,A*37
\$GPRMC,072859,A,3452.3368,N,07438.9562,W,0.9,326.3,060414,11.9,W*4A
\$GPVTG,326.3,T,338.2,M,0.9,N,1.7,K*4F
\$HEHDT,293.6,T*21
\$GPZDA,072859,06,04,2014,00,00*4C
\$GPGGBS,072859,,,,,,,,*40
\$GPGGA,072900,3452.3371,N,07438.9562,W,2,8,0.3,9,M,,M,,*6B
\$HEHDT,293.7,T*20

PORT 12000 04-06-2014 07:29:50

\$PPWBA,d2pc15,192.168.2.151,online

#

PORT 4 04-06-2014 07:29:51

\$GPGLL,3452.3371,N,07438.9562,W,072900,A*32
\$GPRMC,072900,A,3452.3371,N,07438.9562,W,0.9,326.9,060414,11.9,W*45
\$GPVTG,326.9,T,338.8,M,0.9,N,1.7,K*4F
\$GPZDA,072900,06,04,2014,00,00*41
\$HEHDT,294.0,T*20
\$GPGGBS,072900,,,,,,,,*4D
\$GPGGA,072901,3452.3371,N,07438.9562,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,294.4,T*24

#

PORT 4 04-06-2014 07:29:52

\$GPGLL,3452.3371,N,07438.9562,W,072901,A*33
\$GPRMC,072901,A,3452.3371,N,07438.9562,W,0.9,328.4,060414,11.9,W*47
\$GPVTG,328.4,T,340.3,M,0.9,N,1.7,K*48
\$GPZDA,072901,06,04,2014,00,00*40
\$GPGGBS,072901,,,,,,,,*4C
\$HEHDT,294.6,T*26
\$GPGGA,072902,3452.3372,N,07438.9562,W,2,8,0.3,9,M,,M,,*6A

#

PORT 4 04-06-2014 07:29:53

\$GPGLL,3452.3372,N,07438.9562,W,072902,A*33
\$HEHDT,294.5,T*25
\$GPRMC,072902,A,3452.3372,N,07438.9562,W,0.8,331.3,060414,11.9,W*49
\$GPVTG,331.3,T,343.2,M,0.8,N,1.5,K*46
\$GPZDA,072902,06,04,2014,00,00*43
\$GPGGBS,072902,,,,,,,,*4F
\$GPGGA,072903,3452.3372,N,07438.9564,W,2,8,0.3,9,M,,M,,*6D
\$HEHDT,294.9,T*29

#

PORT 4 04-06-2014 07:29:54

\$GPGLL,3452.3372,N,07438.9564,W,072903,A*34
\$HEHDT,295.8,T*29
\$GPRMC,072903,A,3452.3372,N,07438.9564,W,0.8,331.3,060414,11.9,W*4E
\$GPVTG,331.3,T,343.2,M,0.8,N,1.5,K*46
\$GPZDA,072903,06,04,2014,00,00*42
\$GPGGBS,072903,,,,,,,,*4E
\$GPGGA,072904,3452.3370,N,07438.9566,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,296.5,T*27
\$GPGLL,3452.3370,N,07438.9566,W,072904,A*33

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\$GPRMC,072904,A,3452.3370,N,07438.9566,W,0.8,331.6,060414,11.9,w*4C
\$GPVTG,331.6,T,343.5,M,0.8,N,1.5,K*44
\$HEHDT,296.4,T*26
\$GPZDA,072904,06,04,2014,00,00*45
\$GPGGBS,072904,,,,,,,,*49
\$GPGGA,072905,3452.3372,N,07438.9568,W,2,8,0.3,9,M,,M,,*67

PORT 4 04-06-2014 07:29:55
\$HEHDT,296.6,T*24
\$GPGLL,3452.3372,N,07438.9568,W,072905,A*3E
\$GPRMC,072905,A,3452.3372,N,07438.9568,W,0.8,329.5,060414,11.9,w*4B
\$GPVTG,329.5,T,341.4,M,0.8,N,1.5,K*4D
\$GPZDA,072905,06,04,2014,00,00*44
\$HEHDT,296.6,T*24
\$GPGGBS,072905,,,,,,,,*48
\$GPGGA,072906,3452.3372,N,07438.9568,W,2,8,0.3,9,M,,M,,*64

PORT 4 04-06-2014 07:29:56
\$HEHDT,296.4,T*26
\$GPGLL,3452.3372,N,07438.9568,W,072906,A*3D
\$GPRMC,072906,A,3452.3372,N,07438.9568,W,0.7,328.1,060414,11.9,w*42
\$GPVTG,328.1,T,340.0,M,0.7,N,1.3,K*44
\$GPZDA,072906,06,04,2014,00,00*47
\$HEHDT,296.8,T*2A
\$GPGGBS,072906,,,,,,,,*4B
\$GPGGA,072907,3452.3382,N,07438.9565,W,2,8,0.3,9,M,,M,,*67

PORT 4 04-06-2014 07:29:57
\$HEHDT,297.0,T*23
\$GPGLL,3452.3382,N,07438.9565,W,072907,A*3E
\$GPRMC,072907,A,3452.3382,N,07438.9565,W,0.8,329.1,060414,11.9,w*4F
\$GPVTG,329.1,T,341.0,M,0.8,N,1.5,K*4D
\$GPZDA,072907,06,04,2014,00,00*46
\$GPGGBS,072907,,,,,,,,*4A
\$HEHDT,297.2,T*21
\$GPGGA,072908,3452.3387,N,07438.9564,W,2,8,0.3,9,M,,M,,*6C

PORT 4 04-06-2014 07:29:58
\$GPGLL,3452.3387,N,07438.9564,W,072908,A*35
\$GPRMC,072908,A,3452.3387,N,07438.9564,W,1.1,337.5,060414,11.9,w*47
\$HEHDT,297.8,T*2B
\$GPVTG,337.5,T,349.4,M,1.1,N,2.0,K*44
\$GPZDA,072908,06,04,2014,00,00*49
\$GPGGBS,072908,,,,,,,,*45
\$GPGGA,072909,3452.3389,N,07438.9566,W,2,8,0.3,9,M,,M,,*61
\$HEHDT,298.6,T*2A

PORT 4 04-06-2014 07:29:59
\$GPGLL,3452.3389,N,07438.9566,W,072909,A*38
\$GPRMC,072909,A,3452.3389,N,07438.9566,W,1.2,342.9,060414,11.9,w*47
\$HEHDT,299.1,T*2C
\$GPVTG,342.9,T,354.8,M,1.2,N,2.2,K*4B
\$GPZDA,072909,06,04,2014,00,00*48
\$GPGGBS,072909,,,,,,,,*44
\$GPGGA,072910,3452.3387,N,07438.9568,W,2,8,0.3,9,M,,M,,*69
\$HEHDT,298.8,T*24
PORT 12000 04-06-2014 07:29:59
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:30:00
\$GPGLL,3452.3387,N,07438.9568,W,072910,A*30
\$GPRMC,072910,A,3452.3387,N,07438.9568,W,1.2,344.0,060414,11.9,w*40
\$HEHDT,298.9,T*25

S01_C04_survey.Log

\$GPVTG,344.0,T,355.9,M,1.2,N,2.2,K*44
\$GPZDA,072910,06,04,2014,00,00*40
\$GPGBS,072910,,,,,*4C
\$GPGGA,072911,3452.3384,N,07438.9570,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,298.6,T*2A

PORT 4 04-06-2014 07:30:01
\$GPGLL,3452.3384,N,07438.9570,W,072911,A*3B
\$GPRMC,072911,A,3452.3384,N,07438.9570,W,1.1,342.4,060414,11.9,W*4A
\$GPVTG,342.4,T,354.3,M,1.1,N,2.0,K*4C
\$HEHDT,298.7,T*2B
\$GPZDA,072911,06,04,2014,00,00*41
\$GPGBS,072911,,,,,*4D
\$GPGGA,072912,3452.3383,N,07438.9572,W,2,8,0.3,9,M,,M,,*64

PORT 4 04-06-2014 07:30:03
\$HEHDT,298.7,T*2B
\$GPGLL,3452.3383,N,07438.9572,W,072912,A*3D
\$GPRMC,072912,A,3452.3383,N,07438.9572,W,1.1,336.9,060414,11.9,W*42
\$GPVTG,336.9,T,348.8,M,1.1,N,2.0,K*44
\$GPZDA,072912,06,04,2014,00,00*42
\$GPGBS,072912,,,,,*4E
\$GPGGA,072913,3452.3387,N,07438.9573,W,2,8,0.3,9,M,,M,,*60
\$HEHDT,298.8,T*24

PORT 4 04-06-2014 07:30:04
\$HEHDT,299.6,T*2B
\$GPGLL,3452.3387,N,07438.9573,W,072913,A*39
\$GPRMC,072913,A,3452.3387,N,07438.9573,W,1.0,333.6,060414,11.9,W*4D
\$GPVTG,333.6,T,345.5,M,1.0,N,1.9,K*45
\$GPZDA,072913,06,04,2014,00,00*43
\$GPGBS,072913,,,,,*4F
\$GPGGA,072914,3452.3391,N,07438.9573,W,2,8,0.3,9,M,,M,,*60
\$HEHDT,299.4,T*29

PORT 4 04-06-2014 07:30:05
\$GPGLL,3452.3391,N,07438.9573,W,072914,A*39
\$GPRMC,072914,A,3452.3391,N,07438.9573,W,1.0,329.3,060414,11.9,W*43
\$HEHDT,300.3,T*2F
\$GPVTG,329.3,T,341.2,M,1.0,N,1.9,K*48
\$GPZDA,072914,06,04,2014,00,00*44
\$GPGBS,072914,,,,,*48
\$GPGGA,072915,3452.3393,N,07438.9572,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,300.4,T*28

PORT 4 04-06-2014 07:30:06
\$GPGLL,3452.3393,N,07438.9572,W,072915,A*3B
\$GPRMC,072915,A,3452.3393,N,07438.9572,W,1.1,327.9,060414,11.9,W*44
\$HEHDT,300.6,T*2A
\$GPVTG,327.9,T,339.8,M,1.1,N,2.0,K*42
\$GPZDA,072915,06,04,2014,00,00*45
\$GPGBS,072915,,,,,*49
\$GPGGA,072916,3452.3394,N,07438.9571,W,2,8,0.3,9,M,,M,,*65
\$HEHDT,300.5,T*29

PORT 4 04-06-2014 07:30:07
\$GPGLL,3452.3394,N,07438.9571,W,072916,A*3C
\$GPRMC,072916,A,3452.3394,N,07438.9571,W,1.1,328.9,060414,11.9,W*4C
\$HEHDT,300.6,T*2A
\$GPVTG,328.9,T,340.8,M,1.1,N,2.0,K*43
\$GPZDA,072916,06,04,2014,00,00*46
\$GPGBS,072916,,,,,*4A
\$GPGGA,072917,3452.3398,N,07438.9569,W,2,8,0.3,9,M,,M,,*61

S01_C04_survey.Log

\$HEHDT,300.2,T*2E

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PORT 4 04-06-2014 07:30:08

\$GPGLL,3452.3398,N,07438.9569,W,072917,A*38

\$GPRMC,072917,A,3452.3398,N,07438.9569,W,1.0,331.0,060414,11.9,W*48

\$GPVTG,331.0,T,342.9,M,1.0,N,1.9,K*4A

\$GPZDA,072917,06,04,2014,00,00*47

\$GPGBS,072917,000.3,002.3,001.3,12,0.05,0008.9,012.5*4A

\$HEHDT,300.5,T*29

\$GPGGA,072918,3452.3401,N,07438.9570,W,2,8,0.3,9,M,,M,,*61

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PORT 4 04-06-2014 07:30:09

\$HEHDT,300.5,T*29

\$GPGLL,3452.3401,N,07438.9570,W,072918,A*38

\$GPRMC,072918,A,3452.3401,N,07438.9570,W,1.1,334.2,060414,11.9,W*4E

\$GPVTG,334.2,T,346.1,M,1.1,N,2.0,K*4A

\$GPZDA,072918,06,04,2014,00,00*48

\$GPGBS,072918,,,,,,*44

\$HEHDT,301.2,T*2F

\$GPGGA,072919,3452.3405,N,07438.9569,W,2,8,0.3,9,M,,M,,*6C

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PORT 4 04-06-2014 07:30:10

\$HEHDT,301.6,T*2B

\$GPGLL,3452.3405,N,07438.9569,W,072919,A*35

\$GPRMC,072919,A,3452.3405,N,07438.9569,W,1.1,337.4,060414,11.9,W*46

\$GPVTG,337.4,T,349.3,M,1.1,N,2.0,K*42

\$GPZDA,072919,06,04,2014,00,00*49

\$GPGBS,072919,001.2,003.5,000.7,12,0.05,0016.8,012.5*48

\$GPGGA,072920,3452.3405,N,07438.9569,W,2,8,0.3,9,M,,M,,*66

\$HEHDT,301.9,T*24

PORT 12000 04-06-2014 07:30:10

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:30:11

\$GPGLL,3452.3405,N,07438.9569,W,072920,A*3F

\$HEHDT,301.8,T*25

\$GPRMC,072920,A,3452.3405,N,07438.9569,W,1.1,339.3,060414,11.9,W*45

\$GPVTG,339.3,T,351.2,M,1.1,N,2.0,K*43

\$GPZDA,072920,06,04,2014,00,00*43

\$GPGBS,072920,000.6,001.8,000.3,12,0.05,0013.6,012.5*47

\$GPGGA,072921,3452.3405,N,07438.9568,W,2,8,0.3,9,M,,M,,*66

\$HEHDT,302.0,T*2E

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PORT 4 04-06-2014 07:30:12

\$GPGLL,3452.3405,N,07438.9568,W,072921,A*3F

\$GPRMC,072921,A,3452.3405,N,07438.9568,W,1.0,339.8,060414,11.9,W*4F

\$HEHDT,302.0,T*2E

\$GPVTG,339.8,T,351.7,M,1.0,N,1.9,K*46

\$GPZDA,072921,06,04,2014,00,00*42

\$GPGBS,072921,000.5,003.4,001.5,12,0.05,0013.9,012.5*43

\$GPGGA,072922,3452.3405,N,07438.9568,W,2,8,0.3,9,M,,M,,*65

\$HEHDT,302.1,T*2F

\$GPGLL,3452.3405,N,07438.9568,W,072922,A*3C

\$GPRMC,072922,A,3452.3405,N,07438.9568,W,0.9,339.7,060414,11.9,W*4B

\$GPVTG,339.7,T,351.6,M,0.9,N,1.7,K*4E

\$GPZDA,072922,06,04,2014,00,00*41

\$GPGBS,072922,000.4,002.4,001.1,12,0.05,0009.4,012.5*42

\$HEHDT,302.2,T*2C

\$GPGGA,072923,3452.3407,N,07438.9570,W,2,8,0.3,9,M,,M,,*6F

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PORT 4 04-06-2014 07:30:13

\$HEHDT,302.6,T*28

\$GPGLL,3452.3407,N,07438.9570,W,072923,A*36

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\$GPRMC,072923,A,3452.3407,N,07438.9570,W,0.8,339.2,060414,11.9,w*45
\$GPVTG,339.2,T,351.1,M,0.8,N,1.5,K*4F
\$GPZDA,072923,06,04,2014,00,00*40
\$GPGBS,072923,,,,,,,,*4C
\$GPGGA,072924,3452.3409,N,07438.9572,W,2,8,0.3,9,M,,M,,*64
\$HEHDT,302.3,T*2D

PORT 4 04-06-2014 07:30:14
\$HEHDT,302.8,T*26
\$GPGLL,3452.3409,N,07438.9572,W,072924,A*3D
\$GPRMC,072924,A,3452.3409,N,07438.9572,W,0.8,337.9,060414,11.9,w*4B
\$GPVTG,337.9,T,349.8,M,0.8,N,1.5,K*4A
\$GPZDA,072924,06,04,2014,00,00*47
\$GPGBS,072924,,,,,,,,*4B
\$GPGGA,072925,3452.3414,N,07438.9568,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,303.5,T*2A

PORT 4 04-06-2014 07:30:15
\$GPGLL,3452.3414,N,07438.9568,W,072925,A*3B
\$HEHDT,303.6,T*29
\$GPRMC,072925,A,3452.3414,N,07438.9568,W,0.9,336.4,060414,11.9,w*40
\$GPVTG,336.4,T,348.3,M,0.9,N,1.7,K*4F
\$GPZDA,072925,06,04,2014,00,00*46
\$GPGBS,072925,002.4,007.5,001.3,12,0.05,0037.9,012.5*41
\$GPGGA,072926,3452.3416,N,07438.9566,W,2,8,0.3,10,M,,M,,*55
\$HEHDT,303.7,T*28

PORT 4 04-06-2014 07:30:17
\$GPGLL,3452.3416,N,07438.9566,W,072926,A*34
\$GPRMC,072926,A,3452.3416,N,07438.9566,W,0.9,336.6,060414,11.9,w*4D
\$HEHDT,304.0,T*28
\$GPVTG,336.6,T,348.5,M,0.9,N,1.7,K*4B
\$GPZDA,072926,06,04,2014,00,00*45
\$GPGBS,072926,000.3,002.1,001.2,12,0.05,0013.4,012.5*4C
\$GPGGA,072927,3452.3420,N,07438.9562,W,2,8,0.3,10,M,,M,,*55
\$HEHDT,304.3,T*2B

PORT 4 04-06-2014 07:30:18
\$GPGLL,3452.3420,N,07438.9562,W,072927,A*34
\$GPRMC,072927,A,3452.3420,N,07438.9562,W,0.9,338.9,060414,11.9,w*4C
\$GPVTG,338.9,T,350.8,M,0.9,N,1.7,K*4E
\$HEHDT,303.8,T*27
\$GPZDA,072927,06,04,2014,00,00*44
\$GPGBS,072927,000.7,004.6,002.0,12,0.05,0018.8,012.5*4E
\$GPGGA,072928,3452.3425,N,07438.9561,W,2,8,0.3,10,M,,M,,*5C
\$HEHDT,303.8,T*27

PORT 4 04-06-2014 07:30:19
\$GPGLL,3452.3425,N,07438.9561,W,072928,A*3D
\$GPRMC,072928,A,3452.3425,N,07438.9561,W,1.0,343.7,060414,11.9,w*4F
\$GPVTG,343.7,T,355.6,M,1.0,N,1.9,K*41
\$GPZDA,072928,06,04,2014,00,00*4B
\$GPGBS,072928,000.4,002.9,001.3,12,0.05,0017.9,012.5*45
\$HEHDT,303.9,T*26
\$GPGGA,072929,3452.3426,N,07438.9565,W,2,8,0.3,10,M,,M,,*5A

PORT 4 04-06-2014 07:30:20
\$GPGLL,3452.3426,N,07438.9565,W,072929,A*3B
\$HEHDT,303.8,T*27
\$GPRMC,072929,A,3452.3426,N,07438.9565,W,1.1,347.6,060414,11.9,w*4D
\$GPVTG,347.6,T,359.5,M,1.1,N,2.0,K*40
\$GPZDA,072929,06,04,2014,00,00*4A
\$GPGBS,072929,,,,,,,,*46

S01_C04_survey.Log

\$GPGGA,072930,3452.3423,N,07438.9566,W,2,7,0.3,10,M,,M,,*5B
\$HEHDT,303.9,T*26
PORT 12000 04-06-2014 07:30:20
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:30:21
\$GPGLL,3452.3423,N,07438.9566,W,072930,A*35
\$GPRMC,072930,A,3452.3423,N,07438.9566,W,1.0,348.6,060414,11.9,W*4D
\$HEHDT,304.0,T*28
\$GPVTG,348.6,T,0.5,M,1.0,N,1.9,K*4B
\$GPZDA,072930,06,04,2014,00,00*42
\$GPGBS,072930,,,,,,,,*4E
\$GPGGA,072931,3452.3423,N,07438.9568,W,2,7,0.3,10,M,,M,,*54
\$HEHDT,304.5,T*2D
\$GPGLL,3452.3423,N,07438.9568,W,072931,A*3A
\$GPRMC,072931,A,3452.3423,N,07438.9568,W,0.9,348.0,060414,11.9,W*4C
\$HEHDT,304.5,T*2D
\$GPVTG,348.0,T,359.9,M,0.9,N,1.7,K*48
\$GPZDA,072931,06,04,2014,00,00*43
\$GPGBS,072931,,,,,,,,*4F
\$GPGGA,072932,3452.3426,N,07438.9569,W,2,8,0.3,10,M,,M,,*5C

PORT 4 04-06-2014 07:30:22
\$HEHDT,304.8,T*20
\$GPGLL,3452.3426,N,07438.9569,W,072932,A*3D
\$GPRMC,072932,A,3452.3426,N,07438.9569,W,0.8,347.8,060414,11.9,W*4D
\$GPVTG,347.8,T,359.7,M,0.8,N,1.5,K*42
\$GPZDA,072932,06,04,2014,00,00*40
\$HEHDT,305.2,T*2B
\$GPGBS,072932,,,,,,,,*4C
\$GPGGA,072933,3452.3429,N,07438.9572,W,2,8,0.3,10,M,,M,,*58

PORT 4 04-06-2014 07:30:23
\$HEHDT,305.7,T*2E
\$GPGLL,3452.3429,N,07438.9572,W,072933,A*39
\$GPRMC,072933,A,3452.3429,N,07438.9572,W,0.8,347.3,060414,11.9,W*42
\$GPVTG,347.3,T,359.2,M,0.8,N,1.5,K*4C
\$GPZDA,072933,06,04,2014,00,00*41
\$GPGBS,072933,,,,,,,,*4D
\$GPGGA,072934,3452.3430,N,07438.9572,W,2,7,0.3,10,M,,M,,*58
\$HEHDT,305.6,T*2F

PORT 4 04-06-2014 07:30:24
\$GPGLL,3452.3430,N,07438.9572,W,072934,A*36
\$HEHDT,305.5,T*2C
\$GPRMC,072934,A,3452.3430,N,07438.9572,W,0.8,347.0,060414,11.9,W*4E
\$GPVTG,347.0,T,358.9,M,0.8,N,1.5,K*45
\$GPZDA,072934,06,04,2014,00,00*46
\$GPGBS,072934,,,,,,,,*4A
\$GPGGA,072935,3452.3430,N,07438.9572,W,2,7,0.3,10,M,,M,,*59
\$HEHDT,305.5,T*2C

PORT 4 04-06-2014 07:30:25
\$GPGLL,3452.3430,N,07438.9572,W,072935,A*37
\$GPRMC,072935,A,3452.3430,N,07438.9572,W,0.8,346.8,060414,11.9,W*46
\$HEHDT,305.1,T*28
\$GPVTG,346.8,T,358.7,M,0.8,N,1.5,K*42
\$GPZDA,072935,06,04,2014,00,00*47
\$GPGBS,072935,,,,,,,,*4B
\$GPGGA,072936,3452.3433,N,07438.9571,W,2,7,0.3,10,M,,M,,*5A
\$HEHDT,304.9,T*21

PORT 4 04-06-2014 07:30:27

S01_C04_survey.Log

\$GPGLL,3452.3433,N,07438.9571,W,072936,A*34
\$GPRMC,072936,A,3452.3433,N,07438.9571,W,0.8,347.0,060414,11.9,w*4C
\$HEHDT,305.2,T*2B
\$GPVTG,347.0,T,358.9,M,0.8,N,1.5,K*45
\$GPZDA,072936,06,04,2014,00,00*44
\$GPGBS,072936,,,,,,,,*48
\$GPGGA,072937,3452.3436,N,07438.9570,W,2,7,0.3,10,M,,M,,*5F
\$HEHDT,306.0,T*2A

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PORT 4 04-06-2014 07:30:28

\$GPGLL,3452.3436,N,07438.9570,W,072937,A*31
\$GPRMC,072937,A,3452.3436,N,07438.9570,W,0.8,348.0,060414,11.9,w*46
\$HEHDT,305.9,T*20
\$GPVTG,348.0,T,359.9,M,0.8,N,1.5,K*4B
\$GPZDA,072937,06,04,2014,00,00*45
\$GPGBS,072937,000.5,002.9,001.3,12,0.05,0018.9,012.5*45
\$GPGGA,072938,3452.3440,N,07438.9569,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,306.6,T*2C

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PORT 5 04-06-2014 07:30:29

RNG: TX = 11.0 RX = 11.50 time = 04.183 Sec.

PORT 4 04-06-2014 07:30:29

\$GPGLL,3452.3440,N,07438.9569,W,072938,A*37
\$GPRMC,072938,A,3452.3440,N,07438.9569,W,0.8,349.4,060414,11.9,w*45
\$GPVTG,349.4,T,1.3,M,0.8,N,1.5,K*4A
\$GPZDA,072938,06,04,2014,00,00*4A
\$HEHDT,306.8,T*22
\$GPGBS,072938,001.5,004.2,000.2,12,0.05,0020.2,012.5*46
\$GPGGA,072939,3452.3441,N,07438.9567,W,2,8,0.3,10,M,,M,,*58
\$HEHDT,307.1,T*2A

#

PORT 4 04-06-2014 07:30:30

\$GPGLL,3452.3441,N,07438.9567,W,072939,A*39
\$GPRMC,072939,A,3452.3441,N,07438.9567,W,0.8,350.6,060414,11.9,w*41
\$GPVTG,350.6,T,2.5,M,0.8,N,1.5,K*45
\$GPZDA,072939,06,04,2014,00,00*4B
\$GPGBS,072939,000.5,003.0,001.4,12,0.05,0019.2,012.5*4E
\$HEHDT,306.6,T*2C
\$GPGGA,072940,3452.3443,N,07438.9566,W,2,8,0.3,10,M,,M,,*55

PORT 12000 04-06-2014 07:30:30

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:30:31

\$HEHDT,306.8,T*22
\$GPGLL,3452.3443,N,07438.9566,W,072940,A*34
\$GPRMC,072940,A,3452.3443,N,07438.9566,W,0.8,351.8,060414,11.9,w*43
\$GPVTG,351.8,T,3.7,M,0.8,N,1.5,K*49
\$GPZDA,072940,06,04,2014,00,00*45
\$GPGBS,072940,,,,,,,,*49
\$GPGGA,072941,3452.3445,N,07438.9558,W,2,8,0.3,10,M,,M,,*5F
\$HEHDT,306.5,T*2F

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PORT 4 04-06-2014 07:30:32

\$GPGLL,3452.3445,N,07438.9558,W,072941,A*3E
\$GPRMC,072941,A,3452.3445,N,07438.9558,W,0.8,353.9,060414,11.9,w*4A
\$HEHDT,306.3,T*29
\$GPVTG,353.9,T,5.8,M,0.8,N,1.5,K*43
\$GPZDA,072941,06,04,2014,00,00*44
\$GPGBS,072941,003.1,013.9,000.1,12,0.05,0051.0,012.5*44
\$GPGGA,072942,3452.3443,N,07438.9565,W,2,7,0.4,10,M,,M,,*5C
\$HEHDT,306.9,T*23

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PORT 4 04-06-2014 07:30:33

S01_C04_survey.Log

\$GPGLL,3452.3443,N,07438.9565,W,072942,A*35
\$GPRMC,072942,A,3452.3443,N,07438.9565,W,0.7,354.6,060414,11.9,w*46
\$HEHDT,307.3,T*28
\$GPVTG,354.6,T,6.5,M,0.7,N,1.3,K*4C
\$GPZDA,072942,06,04,2014,00,00*47
\$GPGBS,072942,002.8,002.8,008.1,13,0.05,0010.5,012.5*47
\$GPGGA,072943,3452.3442,N,07438.9569,W,2,7,0.3,10,M,,M,,*57
\$HEHDT,308.3,T*27

PORT 4 04-06-2014 07:30:34
\$GPGLL,3452.3442,N,07438.9569,W,072943,A*39
\$GPRMC,072943,A,3452.3442,N,07438.9569,W,0.8,354.0,060414,11.9,w*43
\$GPVTG,354.0,T,5.9,M,0.8,N,1.5,K*4C
\$HEHDT,309.3,T*26
\$GPZDA,072943,06,04,2014,00,00*46
\$GPGBS,072943,002.6,002.4,007.9,13,0.05,0008.9,012.5*46
\$GPGGA,072944,3452.3445,N,07438.9570,W,2,8,0.3,10,M,,M,,*50
\$HEHDT,308.4,T*20

PORT 4 04-06-2014 07:30:35
\$GPGLL,3452.3445,N,07438.9570,W,072944,A*31
\$GPRMC,072944,A,3452.3445,N,07438.9570,W,0.8,350.7,060414,11.9,w*48
\$GPVTG,350.7,T,2.6,M,0.8,N,1.5,K*47
\$GPZDA,072944,06,04,2014,00,00*41
\$HEHDT,308.6,T*22
\$GPGBS,072944,,,,,,,,*4D
\$GPGGA,072945,3452.3448,N,07438.9567,W,2,8,0.3,10,M,,M,,*5A
\$HEHDT,308.3,T*27

PORT 4 04-06-2014 07:30:36
\$GPGLL,3452.3448,N,07438.9567,W,072945,A*3B
\$GPRMC,072945,A,3452.3448,N,07438.9567,W,0.8,349.2,060414,11.9,w*4F
\$GPVTG,349.2,T,1.1,M,0.8,N,1.5,K*4E
\$GPZDA,072945,06,04,2014,00,00*40
\$GPGBS,072945,000.6,004.1,002.3,12,0.05,0025.4,012.5*4D
\$HEHDT,307.8,T*23
\$GPGGA,072946,3452.3451,N,07438.9564,W,2,8,0.3,10,M,,M,,*52
\$GPGLL,3452.3451,N,07438.9564,W,072946,A*33
\$HEHDT,307.7,T*2C
\$GPRMC,072946,A,3452.3451,N,07438.9564,W,0.9,350.9,060414,11.9,w*45
\$GPVTG,350.9,T,2.8,M,0.9,N,1.7,K*44
\$GPZDA,072946,06,04,2014,00,00*43
\$GPGBS,072946,000.5,003.5,001.9,12,0.05,0021.4,012.5*43
\$GPGGA,072947,3452.3452,N,07438.9566,W,2,8,0.3,10,M,,M,,*52
\$HEHDT,308.0,T*24

PORT 4 04-06-2014 07:30:37
\$GPGLL,3452.3452,N,07438.9566,W,072947,A*33
\$GPRMC,072947,A,3452.3452,N,07438.9566,W,1.0,354.7,060414,11.9,w*47
\$HEHDT,308.2,T*26
\$GPVTG,354.7,T,6.6,M,1.0,N,1.9,K*42
\$GPZDA,072947,06,04,2014,00,00*42
\$GPGBS,072947,,,,,,,,*4E
\$GPGGA,072948,3452.3455,N,07438.9568,W,2,7,0.3,10,M,,M,,*5B
\$HEHDT,309.0,T*25

PORT 4 04-06-2014 07:30:38
\$GPGLL,3452.3455,N,07438.9568,W,072948,A*35
\$GPRMC,072948,A,3452.3455,N,07438.9568,W,1.0,356.8,060414,11.9,w*4C
\$GPVTG,356.8,T,8.7,M,1.0,N,1.9,K*40
\$GPZDA,072948,06,04,2014,00,00*4D
\$GPGBS,072948,,,,,,,,*41
\$HEHDT,309.7,T*22

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\$GPGGA,072949,3452.3456,N,07438.9569,W,2,7,0.3,10,M,,M,,*58

PORT 4 04-06-2014 07:30:40
\$HEHDT,309.4,T*21
\$GPGLL,3452.3456,N,07438.9569,W,072949,A*36
\$GPRMC,072949,A,3452.3456,N,07438.9569,W,1.0,358.1,060414,11.9,W*48
\$GPVTG,358.1,T,10.0,M,1.0,N,1.9,K*79
\$HEHDT,309.8,T*2D
\$GPZDA,072949,06,04,2014,00,00*4C
\$GPGBS,072949,,,,,,,,*40
\$GPGGA,072950,3452.3454,N,07438.9569,W,2,7,0.3,10,M,,M,,*52
PORT 12000 04-06-2014 07:30:40
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:30:41
\$HEHDT,309.8,T*2D
\$GPGLL,3452.3454,N,07438.9569,W,072950,A*3C
\$GPRMC,072950,A,3452.3454,N,07438.9569,W,0.9,358.6,060414,11.9,W*4D
\$GPVTG,358.6,T,10.5,M,0.9,N,1.7,K*7D
\$GPZDA,072950,06,04,2014,00,00*44
\$GPGBS,072950,000.6,004.2,002.3,12,0.05,0017.2,012.5*4D
\$HEHDT,310.2,T*2F
\$GPGGA,072951,3452.3453,N,07438.9570,W,2,7,0.3,10,M,,M,,*5C

PORT 4 04-06-2014 07:30:42
\$HEHDT,309.5,T*20
\$GPGLL,3452.3453,N,07438.9570,W,072951,A*32
\$GPRMC,072951,A,3452.3453,N,07438.9570,W,0.8,358.4,060414,11.9,W*40
\$GPVTG,358.4,T,10.3,M,0.8,N,1.5,K*7A
\$GPZDA,072951,06,04,2014,00,00*45
\$GPGBS,072951,000.5,003.3,001.9,12,0.05,0021.0,012.5*47
\$HEHDT,309.9,T*2C
\$GPGGA,072952,3452.3456,N,07438.9569,W,2,8,0.3,10,M,,M,,*5D

PORT 4 04-06-2014 07:30:43
\$GPGLL,3452.3456,N,07438.9569,W,072952,A*3C
\$GPRMC,072952,A,3452.3456,N,07438.9569,W,0.7,357.3,060414,11.9,W*49
\$HEHDT,310.1,T*2C
\$GPVTG,357.3,T,9.2,M,0.7,N,1.3,K*42
\$GPZDA,072952,06,04,2014,00,00*46
\$GPGBS,072952,000.7,004.9,002.7,12,0.05,0020.1,012.5*46
\$GPGGA,072953,3452.3458,N,07438.9569,W,2,8,0.3,10,M,,M,,*52
\$HEHDT,310.2,T*2F

PORT 4 04-06-2014 07:30:44
\$GPGLL,3452.3458,N,07438.9569,W,072953,A*33
\$GPRMC,072953,A,3452.3458,N,07438.9569,W,0.7,356.3,060414,11.9,W*47
\$GPVTG,356.3,T,8.2,M,0.7,N,1.3,K*42
\$HEHDT,310.9,T*24
\$GPZDA,072953,06,04,2014,00,00*47
\$GPGBS,072953,,,,,,,,*4B
\$GPGGA,072954,3452.3461,N,07438.9569,W,2,7,0.3,10,M,,M,,*50
\$HEHDT,310.2,T*2F

PORT 4 04-06-2014 07:30:45
\$GPGLL,3452.3461,N,07438.9569,W,072954,A*3E
\$GPRMC,072954,A,3452.3461,N,07438.9569,W,0.8,356.7,060414,11.9,W*41
\$GPVTG,356.7,T,8.6,M,0.8,N,1.5,K*4B
\$GPZDA,072954,06,04,2014,00,00*40
\$HEHDT,310.4,T*29
\$GPGBS,072954,,,,,,,,*4C
\$GPGGA,072955,3452.3463,N,07438.9570,W,2,7,0.3,11,M,,M,,*5A
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PORT 4 04-06-2014 07:30:46

\$HEHDT,310.1,T*2C
\$GPGLL,3452.3463,N,07438.9570,W,072955,A*35
\$GPRMC,072955,A,3452.3463,N,07438.9570,W,0.9,358.0,060414,11.9,W*42
\$GPVTG,358.0,T,9.9,M,0.9,N,1.7,K*4F
\$GPZDA,072955,06,04,2014,00,00*41
\$GPGBS,072955,,,,,,,,*4D
\$GPGGA,072956,3452.3463,N,07438.9572,W,2,7,0.3,11,M,,M,,*5B
\$HEHDT,310.2,T*2F

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PORT 4 04-06-2014 07:30:47

\$GPGLL,3452.3463,N,07438.9572,W,072956,A*34
\$HEHDT,310.3,T*2E
\$GPRMC,072956,A,3452.3463,N,07438.9572,W,0.8,358.7,060414,11.9,W*45
\$GPVTG,358.7,T,10.6,M,0.8,N,1.5,K*7C
\$GPZDA,072956,06,04,2014,00,00*42
\$GPGBS,072956,,,,,,,,*4E
\$GPGGA,072957,3452.3463,N,07438.9575,W,2,7,0.3,11,M,,M,,*5D
\$HEHDT,310.9,T*24

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PORT 4 04-06-2014 07:30:48

\$GPGLL,3452.3463,N,07438.9575,W,072957,A*32
\$GPRMC,072957,A,3452.3463,N,07438.9575,W,0.7,358.9,060414,11.9,W*42
\$HEHDT,310.5,T*28
\$GPVTG,358.9,T,10.8,M,0.7,N,1.3,K*75
\$GPZDA,072957,06,04,2014,00,00*43
\$GPGBS,072957,,,,,,,,*4F
\$GPGGA,072958,3452.3465,N,07438.9576,W,2,7,0.3,11,M,,M,,*57
\$HEHDT,310.7,T*2A

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PORT 4 04-06-2014 07:30:49

\$GPGLL,3452.3465,N,07438.9576,W,072958,A*38
\$GPRMC,072958,A,3452.3465,N,07438.9576,W,0.6,359.0,060414,11.9,W*41
\$GPVTG,359.0,T,10.9,M,0.6,N,1.1,K*7F
\$HEHDT,310.8,T*25
\$GPZDA,072958,06,04,2014,00,00*4C
\$GPGBS,072958,,,,,,,,*40
\$GPGGA,072959,3452.3466,N,07438.9575,W,2,7,0.3,11,M,,M,,*56
\$HEHDT,310.9,T*24

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PORT 4 04-06-2014 07:30:50

\$GPGLL,3452.3466,N,07438.9575,W,072959,A*39
\$GPRMC,072959,A,3452.3466,N,07438.9575,W,0.7,358.4,060414,11.9,W*44
\$GPVTG,358.4,T,10.3,M,0.7,N,1.3,K*73
\$GPZDA,072959,06,04,2014,00,00*4D
\$HEHDT,310.9,T*24
\$GPGBS,072959,,,,,,,,*41
\$GPGGA,073000,3452.3467,N,07438.9573,W,2,7,0.3,11,M,,M,,*55
\$HEHDT,311.2,T*2E
\$GPGLL,3452.3467,N,07438.9573,W,073000,A*3A
\$GPRMC,073000,A,3452.3467,N,07438.9573,W,0.7,358.6,060414,11.9,W*45
\$GPVTG,358.6,T,10.5,M,0.7,N,1.3,K*77
\$GPZDA,073000,06,04,2014,00,00*49
\$GPGBS,073000,,,,,,,,*45
\$GPGGA,073001,3452.3470,N,07438.9572,W,2,7,0.3,11,M,,M,,*53
\$HEHDT,311.5,T*29

PORT 12000 04-06-2014 07:30:50

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:30:51

\$HEHDT,312.2,T*2D
\$GPGLL,3452.3470,N,07438.9572,W,073001,A*3C
\$GPRMC,073001,A,3452.3470,N,07438.9572,W,0.7,1.0,060414,11.9,W*4A

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\$GPVTG,1.0,T,12.9,M,0.7,N,1.3,K*70
\$GPZDA,073001,06,04,2014,00,00*48
\$GPGBS,073001,,,,,*44
\$HEHDT,311.5,T*29
\$GPGGA,073002,3452.3474,N,07438.9570,W,2,7,0.3,11,M,,M,,*56

PORT 4 04-06-2014 07:30:52
\$GPGLL,3452.3474,N,07438.9570,W,073002,A*39
\$GPRMC,073002,A,3452.3474,N,07438.9570,W,0.8,3.3,060414,11.9,W*41
\$HEHDT,311.9,T*25
\$GPVTG,3.3,T,15.2,M,0.8,N,1.5,K*74
\$GPZDA,073002,06,04,2014,00,00*4B
\$GPGBS,073002,001.5,004.1,000.3,12,0.05,0019.8,012.5*45
\$GPGGA,073003,3452.3476,N,07438.9570,W,2,7,0.3,11,M,,M,,*55
\$HEHDT,311.6,T*2A

PORT 4 04-06-2014 07:30:53
\$GPGLL,3452.3476,N,07438.9570,W,073003,A*3A
\$GPRMC,073003,A,3452.3476,N,07438.9570,W,0.8,4.9,060414,11.9,W*4F
\$HEHDT,310.8,T*25
\$GPVTG,4.9,T,16.8,M,0.8,N,1.5,K*70
\$GPZDA,073003,06,04,2014,00,00*4A
\$GPGBS,073003,,,,,*46
\$GPGGA,073004,3452.3475,N,07438.9570,W,2,8,0.3,11,M,,M,,*5E
\$HEHDT,311.0,T*2C

PORT 4 04-06-2014 07:30:54
\$GPGLL,3452.3475,N,07438.9570,W,073004,A*3E
\$GPRMC,073004,A,3452.3475,N,07438.9570,W,0.8,5.6,060414,11.9,W*45
\$GPVTG,5.6,T,17.5,M,0.8,N,1.5,K*72
\$HEHDT,311.2,T*2E
\$GPZDA,073004,06,04,2014,00,00*4D
\$GPGBS,073004,,,,,*41
\$GPGGA,073005,3452.3476,N,07438.9568,W,2,8,0.3,11,M,,M,,*55

PORT 4 04-06-2014 07:30:55
\$HEHDT,312.4,T*2B
\$GPGLL,3452.3476,N,07438.9568,W,073005,A*35
\$GPRMC,073005,A,3452.3476,N,07438.9568,W,0.6,5.6,060414,11.9,W*40
\$GPVTG,5.6,T,17.5,M,0.6,N,1.1,K*78
\$GPZDA,073005,06,04,2014,00,00*4C
\$HEHDT,312.5,T*2A
\$GPGBS,073005,002.1,005.8,000.4,12,0.05,0044.7,012.5*4D
\$GPGGA,073006,3452.3477,N,07438.9568,W,2,8,0.3,11,M,,M,,*57

PORT 4 04-06-2014 07:30:57
\$HEHDT,312.5,T*2A
\$GPGLL,3452.3477,N,07438.9568,W,073006,A*37
\$GPRMC,073006,A,3452.3477,N,07438.9568,W,0.6,4.6,060414,11.9,W*43
\$GPVTG,4.6,T,16.5,M,0.6,N,1.1,K*78
\$GPZDA,073006,06,04,2014,00,00*4F
\$GPGBS,073006,001.4,003.9,000.3,12,0.05,0029.5,012.5*41
\$GPGGA,073007,3452.3479,N,07438.9570,W,2,8,0.3,11,M,,M,,*51
\$HEHDT,312.5,T*2A

PORT 4 04-06-2014 07:30:58
\$GPGLL,3452.3479,N,07438.9570,W,073007,A*31
\$HEHDT,312.3,T*2C
\$GPRMC,073007,A,3452.3479,N,07438.9570,W,0.6,1.8,060414,11.9,W*4E
\$GPVTG,1.8,T,13.7,M,0.6,N,1.1,K*74
\$GPZDA,073007,06,04,2014,00,00*4E
\$GPGBS,073007,,,,,*42
\$GPGGA,073008,3452.3481,N,07438.9566,W,2,7,0.3,11,M,,M,,*51

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\$HEHDT,311.4,T*28

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PORT 4 04-06-2014 07:30:59

\$GPGLL,3452.3481,N,07438.9566,W,073008,A*3E

\$GPRMC,073008,A,3452.3481,N,07438.9566,W,0.6,359.3,060414,11.9,W*44

\$HEHDT,311.2,T*2E

\$GPVTG,359.3,T,11.2,M,0.6,N,1.1,K*76

\$GPZDA,073008,06,04,2014,00,00*41

\$GPGBS,073008,001.8,005.1,000.3,12,0.05,0024.3,012.5*46

\$GPGGA,073009,3452.3484,N,07438.9562,W,2,7,0.3,11,M,,M,,*51

\$HEHDT,311.3,T*2F

#

PORT 5 04-06-2014 07:31:00

RNG: TX = 11.0 RX = 11.50 time = 04.179 Sec.

PORT 4 04-06-2014 07:31:00

\$GPGLL,3452.3484,N,07438.9562,W,073009,A*3E

\$GPRMC,073009,A,3452.3484,N,07438.9562,W,0.6,358.4,060414,11.9,W*42

\$GPVTG,358.4,T,10.3,M,0.6,N,1.1,K*70

\$GPZDA,073009,06,04,2014,00,00*40

\$HEHDT,311.6,T*2A

\$GPGBS,073009,000.3,002.3,001.3,12,0.05,0015.0,012.5*48

\$GPGGA,073010,3452.3487,N,07438.9561,W,2,8,0.3,11,M,,M,,*56

\$HEHDT,312.6,T*29

\$GPGLL,3

PORT 12000 04-06-2014 07:31:00

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:31:01

\$GPGLL,3452.3484,N,07438.9562,W,073009,A*3E

\$GPRMC,073009,A,3452.3484,N,07438.9562,W,0.6,358.4,060414,11.9,W*42

\$GPVTG,358.4,T,10.3,M,0.6,N,1.1,K*70

\$GPZDA,073009,06,04,2014,00,00*40

\$HEHDT,311.6,T*2A

\$GPGBS,073009,000.3,002.3,001.3,12,0.05,0015.0,012.5*48

\$GPGGA,073010,3452.3487,N,07438.9561,W,2,8,0.3,11,M,,M,,*56

\$HEHDT,312.6,T*29

\$GPGLL,3452.3487,N,07438.9561,W,073010,A*36

\$GPRMC,073010,A,3452.3487,N,07438.9561,W,0.8,0.9,060414,11.9,W*47

\$GPVTG,0.9,T,12.8,M,0.8,N,1.5,K*70

\$GPZDA,073010,06,04,2014,00,00*48

\$GPGBS,073010,,,,,,*44

\$HEHDT,312.7,T*28

\$GPGGA,073011,3452.3490,N,07438.9561,W,2,8,0.3,11,M,,M,,*51

\$HEHDT,313.4,T*2A

#

PORT 4 04-06-2014 07:31:02

\$GPGLL,3452.3490,N,07438.9561,W,073011,A*31

\$GPRMC,073011,A,3452.3490,N,07438.9561,W,0.9,4.1,060414,11.9,W*4D

\$GPVTG,4.1,T,16.0,M,0.9,N,1.7,K*73

\$GPZDA,073011,06,04,2014,00,00*49

\$GPGBS,073011,,,,,,*45

\$HEHDT,313.0,T*2E

\$GPGGA,073012,3452.3491,N,07438.9559,W,2,7,0.3,11,M,,M,,*57

\$GPGLL,3452.3491,N,07438.9559,W,073012,A*38

\$HEHDT,312.7,T*28

\$GPRMC,073012,A,3452.3491,N,07438.9559,W,0.9,6.2,060414,11.9,W*45

\$GPVTG,6.2,T,18.1,M,0.9,N,1.7,K*7D

\$GPZDA,073012,06,04,2014,00,00*4A

\$GPGBS,073012,001.3,003.6,000.2,12,0.05,0027.0,012.5*46

\$GPGGA,073013,3452.3490,N,07438.9561,W,2,7,0.3,11,M,,M,,*5C

\$HEHDT,312.3,T*2C

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PORT 4 04-06-2014 07:31:03

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\$GPGLL,3452.3490,N,07438.9561,W,073013,A*33
\$GPRMC,073013,A,3452.3490,N,07438.9561,W,0.9,7.2,060414,11.9,W*4F
\$HEHDT,313.0,T*2E
\$GPVTG,7.2,T,19.1,M,0.9,N,1.7,K*7D
\$GPZDA,073013,06,04,2014,00,00*4B
\$GPGBS,073013,,,,,,,,*47
\$GPGGA,073014,3452.3489,N,07438.9564,W,2,7,0.3,11,M,,M,,*56
\$HEHDT,313.0,T*2E

PORT 4 04-06-2014 07:31:04
\$GPGLL,3452.3489,N,07438.9564,W,073014,A*39
\$GPRMC,073014,A,3452.3489,N,07438.9564,W,0.7,7.5,060414,11.9,W*4C
\$GPVTG,7.5,T,19.4,M,0.7,N,1.3,K*75
\$HEHDT,313.8,T*26
\$GPZDA,073014,06,04,2014,00,00*4C
\$GPGBS,073014,,,,,,,,*40
\$GPGGA,073015,3452.3491,N,07438.9566,W,2,7,0.3,11,M,,M,,*5C

PORT 4 04-06-2014 07:31:05
\$HEHDT,313.3,T*2D
\$GPGLL,3452.3491,N,07438.9566,W,073015,A*33
\$GPRMC,073015,A,3452.3491,N,07438.9566,W,0.7,7.6,060414,11.9,W*45
\$GPVTG,7.6,T,19.5,M,0.7,N,1.3,K*77
\$GPZDA,073015,06,04,2014,00,00*4D
\$HEHDT,313.9,T*27
\$GPGBS,073015,,,,,,,,*41
\$GPGGA,073016,3452.3490,N,07438.9568,W,2,7,0.3,11,M,,M,,*50

PORT 4 04-06-2014 07:31:06
\$HEHDT,313.9,T*27
\$GPGLL,3452.3490,N,07438.9568,W,073016,A*3F
\$GPRMC,073016,A,3452.3490,N,07438.9568,W,0.7,5.8,060414,11.9,W*45
\$GPVTG,5.8,T,17.7,M,0.7,N,1.3,K*77
\$GPZDA,073016,06,04,2014,00,00*4E
\$GPGBS,073016,,,,,,,,*42
\$HEHDT,313.3,T*2D
\$GPGGA,073017,3452.3491,N,07438.9567,W,2,7,0.3,11,M,,M,,*5F

PORT 4 04-06-2014 07:31:07
\$HEHDT,313.3,T*2D
\$GPGLL,3452.3491,N,07438.9567,W,073017,A*30
\$GPRMC,073017,A,3452.3491,N,07438.9567,W,0.6,5.2,060414,11.9,W*41
\$GPVTG,5.2,T,17.1,M,0.6,N,1.1,K*78
\$GPZDA,073017,06,04,2014,00,00*4F
\$GPGBS,073017,,,,,,,,*43
\$GPGGA,073018,3452.3492,N,07438.9565,W,2,7,0.3,11,M,,M,,*51
\$HEHDT,313.1,T*2F

PORT 4 04-06-2014 07:31:08
\$GPGLL,3452.3492,N,07438.9565,W,073018,A*3E
\$HEHDT,313.5,T*2B
\$GPRMC,073018,A,3452.3492,N,07438.9565,W,0.6,4.8,060414,11.9,W*44
\$GPVTG,4.8,T,16.7,M,0.6,N,1.1,K*74
\$GPZDA,073018,06,04,2014,00,00*40
\$GPGBS,073018,000.4,002.3,001.1,12,0.05,0014.6,012.5*4A
\$GPGGA,073019,3452.3495,N,07438.9561,W,2,7,0.3,11,M,,M,,*53
\$HEHDT,312.6,T*29

PORT 4 04-06-2014 07:31:09
\$GPGLL,3452.3495,N,07438.9561,W,073019,A*3C
\$GPRMC,073019,A,3452.3495,N,07438.9561,W,0.6,4.7,060414,11.9,W*49
\$GPVTG,4.7,T,16.6,M,0.6,N,1.1,K*7A
\$HEHDT,313.4,T*2A

S01_C04_survey.Log

\$GPZDA,073019,06,04,2014,00,00*41
\$GPGBS,073019,002.6,007.6,001.4,12,0.05,0038.3,012.5*45
\$GPGGA,073020,3452.3499,N,07438.9560,W,2,8,0.3,11,M,,M,,*5B
\$HEHDT,313.5,T*2B
PORT 12000 04-06-2014 07:31:09
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:31:11
\$GPGLL,3452.3499,N,07438.9560,W,073020,A*3B
\$GPRMC,073020,A,3452.3499,N,07438.9560,W,0.6,4.7,060414,11.9,W*4E
\$GPVTG,4.7,T,16.6,M,0.6,N,1.1,K*7A
\$GPZDA,073020,06,04,2014,00,00*4B
\$HEHDT,313.8,T*26
\$GPGBS,073020,,,,,,*47
\$GPGGA,073021,3452.3502,N,07438.9559,W,2,8,0.3,11,M,,M,,*53

PORT 4 04-06-2014 07:31:12
\$HEHDT,313.9,T*27
\$GPGLL,3452.3502,N,07438.9559,W,073021,A*33
\$GPRMC,073021,A,3452.3502,N,07438.9559,W,0.8,5.9,060414,11.9,W*47
\$GPVTG,5.9,T,17.8,M,0.8,N,1.5,K*70
\$GPZDA,073021,06,04,2014,00,00*4A
\$HEHDT,313.7,T*29
\$GPGBS,073021,,,,,,*46
\$GPGGA,073022,3452.3503,N,07438.9558,W,2,7,0.3,11,M,,M,,*5F

PORT 4 04-06-2014 07:31:13
\$HEHDT,313.5,T*2B
\$GPGLL,3452.3503,N,07438.9558,W,073022,A*30
\$GPRMC,073022,A,3452.3503,N,07438.9558,W,0.8,8.2,060414,11.9,W*42
\$GPVTG,8.2,T,20.1,M,0.8,N,1.5,K*7B
\$GPZDA,073022,06,04,2014,00,00*49
\$HEHDT,313.6,T*28
\$GPGBS,073022,,,,,,*45
\$GPGGA,073023,3452.3506,N,07438.9551,W,2,7,0.3,11,M,,M,,*52

PORT 4 04-06-2014 07:31:14
\$HEHDT,313.2,T*2C
\$GPGLL,3452.3506,N,07438.9551,W,073023,A*3D
\$GPRMC,073023,A,3452.3506,N,07438.9551,W,0.9,10.8,060414,11.9,W*7D
\$GPVTG,10.8,T,22.7,M,0.9,N,1.7,K*4F
\$GPZDA,073023,06,04,2014,00,00*48
\$GPGBS,073023,003.7,010.9,002.1,12,0.05,0054.9,012.5*43
\$HEHDT,313.9,T*27
\$GPGGA,073024,3452.3508,N,07438.9552,W,2,8,0.3,11,M,,M,,*57

PORT 4 04-06-2014 07:31:15
\$GPGLL,3452.3508,N,07438.9552,W,073024,A*37
\$GPRMC,073024,A,3452.3508,N,07438.9552,W,0.8,12.1,060414,11.9,W*7D
\$HEHDT,314.2,T*2B
\$GPVTG,12.1,T,24.0,M,0.8,N,1.5,K*46
\$GPZDA,073024,06,04,2014,00,00*4F
\$GPGBS,073024,001.3,004.0,000.8,12,0.05,0019.5,012.5*40
\$GPGGA,073025,3452.3506,N,07438.9557,W,2,8,0.3,11,M,,M,,*5D
\$HEHDT,314.6,T*2F

PORT 4 04-06-2014 07:31:16
\$GPGLL,3452.3506,N,07438.9557,W,073025,A*3D
\$GPRMC,073025,A,3452.3506,N,07438.9557,W,0.8,11.9,060414,11.9,W*7C
\$HEHDT,314.9,T*20
\$GPVTG,11.9,T,23.8,M,0.8,N,1.5,K*42
\$GPZDA,073025,06,04,2014,00,00*4E
\$GPGBS,073025,,,,,,*42

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\$GPGGA,073026,3452.3505,N,07438.9559,W,2,7,0.3,11,M,,M,,*5C
\$HEHDT,314.9,T*20

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PORT 4 04-06-2014 07:31:17

\$GPGLL,3452.3505,N,07438.9559,W,073026,A*33
\$GPRMC,073026,A,3452.3505,N,07438.9559,W,0.8,7.0,060414,11.9,W*4C
\$GPVTG,7.0,T,18.9,M,0.8,N,1.5,K*75
\$GPZDA,073026,06,04,2014,00,00*4D

\$HEHDT,315.2,T*2A

\$GPGBS,073026,000.6,001.8,000.3,12,0.05,0008.8,012.5*4D
\$GPGGA,073027,3452.3506,N,07438.9559,W,2,7,0.3,11,M,,M,,*5E
\$HEHDT,315.1,T*29

\$GPGLL,3452.3506,N,07438.9559,W,073027,A*31
\$GPRMC,073027,A,3452.3506,N,07438.9559,W,0.8,2.3,060414,11.9,W*48
\$GPVTG,2.3,T,14.2,M,0.8,N,1.5,K*74

\$GPZDA,073027,06,04,2014,00,00*4C

\$GPGBS,073027,,,,,,*40

\$HEHDT,315.4,T*2C

\$GPGGA,073028,3452.3510,N,07438.9558,W,2,7,0.3,11,M,,M,,*57
#

PORT 4 04-06-2014 07:31:18

\$HEHDT,314.5,T*2C
\$GPGLL,3452.3510,N,07438.9558,W,073028,A*38
\$GPRMC,073028,A,3452.3510,N,07438.9558,W,0.8,358.8,060414,11.9,W*46
\$GPVTG,358.8,T,10.7,M,0.8,N,1.5,K*72

\$GPZDA,073028,06,04,2014,00,00*43

\$GPGBS,073028,,,,,,*4F

\$GPGGA,073029,3452.3513,N,07438.9556,W,2,7,0.3,11,M,,M,,*5B
\$HEHDT,314.5,T*2C

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PORT 4 04-06-2014 07:31:19

\$GPGLL,3452.3513,N,07438.9556,W,073029,A*34
\$GPRMC,073029,A,3452.3513,N,07438.9556,W,0.9,358.1,060414,11.9,W*42
\$HEHDT,313.9,T*27
\$GPVTG,358.1,T,10.0,M,0.9,N,1.7,K*7F

\$GPZDA,073029,06,04,2014,00,00*42

\$GPGBS,073029,,,,,,*4E

\$GPGGA,073030,3452.3514,N,07438.9555,W,2,7,0.3,11,M,,M,,*57
\$HEHDT,314.2,T*2B

PORT 12000 04-06-2014 07:31:19

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:31:21

\$GPGLL,3452.3514,N,07438.9555,W,073030,A*38
\$GPRMC,073030,A,3452.3514,N,07438.9555,W,1.0,0.1,060414,11.9,W*48
\$HEHDT,314.1,T*28
\$GPVTG,0.1,T,12.0,M,1.0,N,1.9,K*75

\$GPZDA,073030,06,04,2014,00,00*4A

\$GPGBS,073030,,,,,,*46

\$GPGGA,073031,3452.3516,N,07438.9557,W,2,7,0.3,11,M,,M,,*56
\$HEHDT,314.1,T*28

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PORT 4 04-06-2014 07:31:22

\$GPGLL,3452.3516,N,07438.9557,W,073031,A*39
\$GPRMC,073031,A,3452.3516,N,07438.9557,W,1.0,1.6,060414,11.9,W*4F
\$GPVTG,1.6,T,13.5,M,1.0,N,1.9,K*77
\$HEHDT,314.7,T*2E

\$GPZDA,073031,06,04,2014,00,00*4B

\$GPGBS,073031,,,,,,*47

\$GPGGA,073032,3452.3517,N,07438.9556,W,2,7,0.3,11,M,,M,,*55
\$HEHDT,315.0,T*28

#

PORT 4 04-06-2014 07:31:23

S01_C04_survey.Log

\$GPGLL,3452.3517,N,07438.9556,W,073032,A*3A
\$GPRMC,073032,A,3452.3517,N,07438.9556,W,0.9,2.6,060414,11.9,w*47
\$GPVTG,2.6,T,14.5,M,0.9,N,1.7,K*75
\$GPZDA,073032,06,04,2014,00,00*48
\$GPGBS,073032,,,,,,,,*44
\$GPGBS,073033,3452.3517,N,07438.9554,W,2,7,0.3,11,M,,M,,*56
\$HEHDT,315.7,T*2F

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PORT 4 04-06-2014 07:31:24

\$HEHDT,315.3,T*2B
\$GPGLL,3452.3517,N,07438.9554,W,073033,A*39
\$GPRMC,073033,A,3452.3517,N,07438.9554,W,0.8,3.3,060414,11.9,w*41
\$GPVTG,3.3,T,15.2,M,0.8,N,1.5,K*74
\$GPZDA,073033,06,04,2014,00,00*49
\$GPGBS,073033,,,,,,,,*45
\$GPGBS,073034,3452.3517,N,07438.9551,W,2,6,0.5,11,M,,M,,*53
\$HEHDT,315.6,T*2E

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PORT 4 04-06-2014 07:31:25

\$GPGLL,3452.3517,N,07438.9551,W,073034,A*3B
\$GPRMC,073034,A,3452.3517,N,07438.9551,W,0.8,4.6,060414,11.9,w*41
\$HEHDT,315.3,T*2B
\$GPVTG,4.6,T,16.5,M,0.8,N,1.5,K*72
\$GPZDA,073034,06,04,2014,00,00*4E
\$GPGBS,073034,,,,,,,,*42
\$GPGBS,073035,3452.3520,N,07438.9554,W,2,6,0.5,11,M,,M,,*53
\$HEHDT,315.8,T*20

#

PORT 4 04-06-2014 07:31:26

\$GPGLL,3452.3520,N,07438.9554,W,073035,A*3B
\$HEHDT,315.5,T*2D
\$GPRMC,073035,A,3452.3520,N,07438.9554,W,0.8,5.7,060414,11.9,w*41
\$GPVTG,5.7,T,17.6,M,0.8,N,1.5,K*70
\$GPZDA,073035,06,04,2014,00,00*4F
\$GPGBS,073035,,,,,,,,*43
\$GPGBS,073036,3452.3515,N,07438.9548,W,2,6,0.5,11,M,,M,,*5B
\$HEHDT,315.8,T*20
\$GPGLL,3452.3515,N,07438.9548,W,073036,A*33
\$GPRMC,073036,A,3452.3515,N,07438.9548,W,0.7,6.0,060414,11.9,w*42
\$GPVTG,6.0,T,17.9,M,0.7,N,1.3,K*72
\$GPZDA,073036,06,04,2014,00,00*4C
\$HEHDT,315.5,T*2D
\$GPGBS,073036,008.0,013.4,018.4,12,0.05,0030.8,012.5*48
\$GPGBS,073037,3452.3517,N,07438.9550,W,2,6,0.5,11,M,,M,,*51

#

PORT 4 04-06-2014 07:31:27

\$HEHDT,315.4,T*2C
\$GPGLL,3452.3517,N,07438.9550,W,073037,A*39
\$GPRMC,073037,A,3452.3517,N,07438.9550,W,0.7,4.3,060414,11.9,w*49
\$GPVTG,4.3,T,16.2,M,0.7,N,1.3,K*79
\$GPZDA,073037,06,04,2014,00,00*4D
\$HEHDT,315.2,T*2A
\$GPGBS,073037,,,,,,,,*41
\$GPGBS,073038,3452.3520,N,07438.9551,W,2,7,0.3,11,M,,M,,*5C

#

PORT 4 04-06-2014 07:31:28

\$HEHDT,315.3,T*2B
\$GPGLL,3452.3520,N,07438.9551,W,073038,A*33
\$GPRMC,073038,A,3452.3520,N,07438.9551,W,0.6,3.0,060414,11.9,w*46
\$GPVTG,3.0,T,14.9,M,0.6,N,1.1,K*77
\$GPZDA,073038,06,04,2014,00,00*42
\$GPGBS,073038,,,,,,,,*4E
\$GPGBS,073039,3452.3523,N,07438.9551,W,2,7,0.3,11,M,,M,,*5E

S01_C04_survey.Log

\$HEHDT,315.6,T*2E

PORT 5 04-06-2014 07:31:30
RNG: TX = 11.0 RX = 11.50 time = 04.177 Sec.
PORT 4 04-06-2014 07:31:30
\$GPGLL,3452.3523,N,07438.9551,w,073039,A*31
\$HEHDT,315.5,T*2D
\$GPRMC,073039,A,3452.3523,N,07438.9551,w,0.7,1.5,060414,11.9,w*42
\$GPVTG,1.5,T,13.4,M,0.7,N,1.3,K*79
\$GPZDA,073039,06,04,2014,00,00*43
\$GPGBS,073039,,,,,,,,*4F
\$GPGGA,073040,3452.3527,N,07438.9549,w,2,7,0.3,11,M,,M,,*5D
\$HEHDT,315.3,T*2B
PORT 12000 04-06-2014 07:31:30
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:31:31
\$GPGLL,3452.3527,N,07438.9549,w,073040,A*32
\$GPRMC,073040,A,3452.3527,N,07438.9549,w,0.8,1.4,060414,11.9,w*4F
\$HEHDT,315.4,T*2C
\$GPVTG,1.4,T,13.3,M,0.8,N,1.5,K*76
\$GPZDA,073040,06,04,2014,00,00*4D
\$GPGBS,073040,,,,,,,,*41
\$GPGGA,073041,3452.3526,N,07438.9548,w,2,7,0.3,11,M,,M,,*5C
\$HEHDT,315.0,T*28

PORT 4 04-06-2014 07:31:32
\$GPGLL,3452.3526,N,07438.9548,w,073041,A*33
\$GPRMC,073041,A,3452.3526,N,07438.9548,w,0.8,2.4,060414,11.9,w*4D
\$GPVTG,2.4,T,14.3,M,0.8,N,1.5,K*72
\$HEHDT,315.4,T*2C
\$GPZDA,073041,06,04,2014,00,00*4C
\$GPGBS,073041,,,,,,,,*40
\$GPGGA,073042,3452.3528,N,07438.9550,w,2,8,0.3,11,M,,M,,*57
\$HEHDT,315.2,T*2A

PORT 4 04-06-2014 07:31:33
\$GPGLL,3452.3528,N,07438.9550,w,073042,A*37
\$GPRMC,073042,A,3452.3528,N,07438.9550,w,0.8,3.4,060414,11.9,w*48
\$GPVTG,3.4,T,15.3,M,0.8,N,1.5,K*72
\$HEHDT,315.7,T*2F
\$GPZDA,073042,06,04,2014,00,00*4F
\$GPGBS,073042,,,,,,,,*43
\$GPGGA,073043,3452.3530,N,07438.9545,w,2,8,0.3,12,M,,M,,*58

PORT 4 04-06-2014 07:31:34
\$HEHDT,315.9,T*21
\$GPGLL,3452.3530,N,07438.9545,w,073043,A*3B
\$GPRMC,073043,A,3452.3530,N,07438.9545,w,0.6,3.6,060414,11.9,w*48
\$GPVTG,3.6,T,15.5,M,0.6,N,1.1,K*7C
\$GPZDA,073043,06,04,2014,00,00*4E
\$GPGBS,073043,001.4,008.2,003.9,12,0.05,0033.9,012.5*4E
\$HEHDT,316.1,T*2A
\$GPGGA,073044,3452.3532,N,07438.9543,w,2,8,0.3,12,M,,M,,*5B

PORT 4 04-06-2014 07:31:35
\$HEHDT,316.9,T*22
\$GPGLL,3452.3532,N,07438.9543,w,073044,A*38
\$GPRMC,073044,A,3452.3532,N,07438.9543,w,0.6,4.4,060414,11.9,w*4E
\$GPVTG,4.4,T,16.3,M,0.6,N,1.1,K*7C
\$GPZDA,073044,06,04,2014,00,00*49
\$GPGBS,073044,000.8,004.8,002.3,12,0.05,0019.5,012.5*4D
\$HEHDT,316.6,T*2D

S01_C04_survey.Log

\$GPGGA,073045,3452.3535,N,07438.9541,W,2,8,0.3,12,M,,M,,*5F

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PORT 4 04-06-2014 07:31:36

\$GPGLL,3452.3535,N,07438.9541,W,073045,A*3C

\$HEHDT,316.4,T*2F

\$GPRMC,073045,A,3452.3535,N,07438.9541,W,0.6,5.6,060414,11.9,W*49

\$GPVTG,5.6,T,17.5,M,0.6,N,1.1,K*78

\$GPZDA,073045,06,04,2014,00,00*48

\$GPGBS,073045,000.4,002.9,001.7,12,0.05,0018.9,012.5*4D

\$GPGGA,073046,3452.3535,N,07438.9540,W,2,8,0.3,12,M,,M,,*5D

\$HEHDT,316.0,T*2B

#

PORT 4 04-06-2014 07:31:37

\$GPGLL,3452.3535,N,07438.9540,W,073046,A*3E

\$GPRMC,073046,A,3452.3535,N,07438.9540,W,0.6,7.1,060414,11.9,W*4E

\$HEHDT,315.5,T*2D

\$GPVTG,7.1,T,19.0,M,0.6,N,1.1,K*76

\$GPZDA,073046,06,04,2014,00,00*4B

\$GPGBS,073046,000.7,003.8,001.8,12,0.05,0024.3,012.5*47

\$GPGGA,073047,3452.3538,N,07438.9541,W,2,8,0.3,12,M,,M,,*50

\$HEHDT,315.4,T*2C

\$GPGLL,3452.3538,N,07438.9541,W,073047,A*33

\$GPRMC,073047,A,3452.3538,N,07438.9541,W,0.6,7.6,060414,11.9,W*44

\$GPVTG,7.6,T,19.5,M,0.6,N,1.1,K*74

\$GPZDA,073047,06,04,2014,00,00*4A

\$HEHDT,315.5,T*2D

\$GPGBS,073047,000.6,003.3,001.5,12,0.05,0020.6,012.5*40

\$GPGGA,073048,3452.3539,N,07438.9544,W,2,8,0.3,12,M,,M,,*5B

#

PORT 4 04-06-2014 07:31:38

\$HEHDT,315.5,T*2D

\$GPGLL,3452.3539,N,07438.9544,W,073048,A*38

\$GPRMC,073048,A,3452.3539,N,07438.9544,W,0.5,7.5,060414,11.9,W*4F

\$GPVTG,7.5,T,19.4,M,0.5,N,0.9,K*7C

\$GPZDA,073048,06,04,2014,00,00*45

\$GPGBS,073048,,,,,,*49

\$GPGGA,073049,3452.3539,N,07438.9547,W,2,8,0.3,12,M,,M,,*59

\$HEHDT,315.3,T*2B

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PORT 4 04-06-2014 07:31:39

\$GPGLL,3452.3539,N,07438.9547,W,073049,A*3A

\$HEHDT,315.1,T*29

\$GPRMC,073049,A,3452.3539,N,07438.9547,W,0.6,5.9,060414,11.9,W*40

\$GPVTG,5.9,T,17.8,M,0.6,N,1.1,K*7A

\$GPZDA,073049,06,04,2014,00,00*44

\$GPGBS,073049,,,,,,*48

\$GPGGA,073050,3452.3541,N,07438.9547,W,2,7,0.3,12,M,,M,,*51

\$HEHDT,315.9,T*21

PORT 12000 04-06-2014 07:31:39

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:31:40

\$GPGLL,3452.3541,N,07438.9547,W,073050,A*3D

\$HEHDT,315.7,T*2F

\$GPRMC,073050,A,3452.3541,N,07438.9547,W,0.6,4.8,060414,11.9,W*47

\$GPVTG,4.8,T,16.7,M,0.6,N,1.1,K*74

\$GPZDA,073050,06,04,2014,00,00*4C

\$GPGBS,073050,,,,,,*40

\$GPGGA,073051,3452.3542,N,07438.9545,W,2,7,0.3,12,M,,M,,*51

\$HEHDT,315.7,T*2F

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PORT 4 04-06-2014 07:31:41

\$GPGLL,3452.3542,N,07438.9545,W,073051,A*3D

S01_C04_survey.Log

\$GPRMC,073051,A,3452.3542,N,07438.9545,W,0.5,4.4,060414,11.9,w*48
\$GPVTG,4.4,T,16.3,M,0.5,N,0.9,K*76
\$HEHDT,315.5,T*2D
\$GPZDA,073051,06,04,2014,00,00*4D
\$GPGBS,073051,000.3,001.8,000.9,12,0.05,0011.6,012.5*44
\$GPGGA,073052,3452.3544,N,07438.9543,W,2,8,0.3,12,M,,M,,*5D
\$HEHDT,315.2,T*2A

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PORT 4 04-06-2014 07:31:43

\$GPGLL,3452.3544,N,07438.9543,W,073052,A*3E
\$GPRMC,073052,A,3452.3544,N,07438.9543,W,0.6,5.3,060414,11.9,w*4E
\$GPVTG,5.3,T,17.2,M,0.6,N,1.1,K*7A
\$HEHDT,316.0,T*2B
\$GPZDA,073052,06,04,2014,00,00*4E
\$GPGBS,073052,,,,,,,,*42
\$GPGGA,073053,3452.3546,N,07438.9542,W,2,8,0.3,12,M,,M,,*5F
\$HEHDT,316.3,T*28
\$GPGLL,3452.3546,N,07438.9542,W,073053,A*3C
\$GPRMC,073053,A,3452.3546,N,07438.9542,W,0.6,8.4,060414,11.9,w*46
\$GPVTG,8.4,T,20.3,M,0.6,N,1.1,K*75
\$GPZDA,073053,06,04,2014,00,00*4F
\$GPGBS,073053,000.4,002.4,001.4,12,0.05,0010.0,012.5*45
\$HEHDT,316.0,T*2B
\$GPGGA,073054,3452.3548,N,07438.9543,W,2,8,0.3,11,M,,M,,*54

#

PORT 4 04-06-2014 07:31:44

\$HEHDT,316.2,T*29
\$GPGLL,3452.3548,N,07438.9543,W,073054,A*34
\$GPRMC,073054,A,3452.3548,N,07438.9543,W,0.7,10.4,060414,11.9,w*76
\$GPVTG,10.4,T,22.3,M,0.7,N,1.3,K*4D
\$GPZDA,073054,06,04,2014,00,00*48
\$GPGBS,073054,,,,,,,,*44
\$GPGGA,073055,3452.3547,N,07438.9544,W,2,8,0.3,11,M,,M,,*5D
\$HEHDT,316.6,T*2D

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PORT 4 04-06-2014 07:31:45

\$HEHDT,315.9,T*21
\$GPGLL,3452.3547,N,07438.9544,W,073055,A*3D
\$GPRMC,073055,A,3452.3547,N,07438.9544,W,0.7,10.9,060414,11.9,w*72
\$GPVTG,10.9,T,22.8,M,0.7,N,1.3,K*4B
\$GPZDA,073055,06,04,2014,00,00*49
\$GPGBS,073055,,,,,,,,*45
\$GPGGA,073056,3452.3548,N,07438.9543,W,2,8,0.3,11,M,,M,,*56
\$HEHDT,315.8,T*20

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PORT 4 04-06-2014 07:31:46

\$GPGLL,3452.3548,N,07438.9543,W,073056,A*36
\$GPRMC,073056,A,3452.3548,N,07438.9543,W,0.6,10.5,060414,11.9,w*74
\$HEHDT,316.4,T*2F
\$GPVTG,10.5,T,22.4,M,0.6,N,1.1,K*48
\$GPZDA,073056,06,04,2014,00,00*4A
\$GPGBS,073056,000.6,003.3,001.6,12,0.05,0021.1,012.5*45
\$GPGGA,073057,3452.3549,N,07438.9542,W,2,8,0.3,11,M,,M,,*57
\$HEHDT,316.6,T*2D

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PORT 4 04-06-2014 07:31:47

\$GPGLL,3452.3549,N,07438.9542,W,073057,A*37
\$GPRMC,073057,A,3452.3549,N,07438.9542,W,0.5,10.4,060414,11.9,w*77
\$HEHDT,317.2,T*28
\$GPVTG,10.4,T,22.3,M,0.5,N,0.9,K*44
\$GPZDA,073057,06,04,2014,00,00*4B
\$GPGBS,073057,000.6,003.8,002.2,12,0.05,0025.1,012.5*4C
\$GPGGA,073058,3452.3553,N,07438.9540,W,2,8,0.3,11,M,,M,,*51

S01_C04_survey.Log

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PORT 4 04-06-2014 07:31:48
$HEHDT,316.4,T*2F
$GPGLL,3452.3553,N,07438.9540,W,073058,A*31
$GPRMC,073058,A,3452.3553,N,07438.9540,W,0.5,10.0,060414,11.9,W*75
$GPVTG,10.0,T,21.9,M,0.5,N,0.9,K*49
$HEHDT,316.8,T*23
$GPZDA,073058,06,04,2014,00,00*44
$GPGBS,073058,000.9,005.6,003.3,12,0.05,0023.6,012.5*45
$GPGGA,073059,3452.3556,N,07438.9543,W,2,8,0.3,11,M,,M,,*56
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PORT 4 04-06-2014 07:31:49
$HEHDT,316.9,T*22
$GPGLL,3452.3556,N,07438.9543,W,073059,A*36
$GPRMC,073059,A,3452.3556,N,07438.9543,W,0.6,8.8,060414,11.9,W*40
$GPVTG,8.8,T,20.7,M,0.6,N,1.1,K*7D
$GPZDA,073059,06,04,2014,00,00*45
$HEHDT,315.8,T*20
$GPGBS,073059,,,,,,*49
$GPGGA,073100,3452.3557,N,07438.9538,W,2,7,0.3,11,M,,M,,*59
PORT 12000 04-06-2014 07:31:49
$PPWBA,d2pc15,192.168.2.151,online
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PORT 4 04-06-2014 07:31:50
$HEHDT,316.1,T*2A
$GPGLL,3452.3557,N,07438.9538,W,073100,A*36
$GPRMC,073100,A,3452.3557,N,07438.9538,W,0.6,7.9,060414,11.9,W*4E
$GPVTG,7.9,T,19.8,M,0.6,N,1.1,K*76
$GPZDA,073100,06,04,2014,00,00*48
$GPGBS,073100,001.0,005.2,002.6,12,0.05,0020.9,012.5*4D
$GPGGA,073101,3452.3557,N,07438.9535,W,2,7,0.3,11,M,,M,,*55
$HEHDT,316.1,T*2A
#
PORT 4 04-06-2014 07:31:52
$GPGLL,3452.3557,N,07438.9535,W,073101,A*3A
$HEHDT,316.8,T*23
$GPRMC,073101,A,3452.3557,N,07438.9535,W,0.6,7.9,060414,11.9,W*42
$GPVTG,7.9,T,19.8,M,0.6,N,1.1,K*76
$GPZDA,073101,06,04,2014,00,00*49
$GPGBS,073101,001.1,005.8,002.8,12,0.05,0037.5,012.5*43
$GPGGA,073102,3452.3560,N,07438.9532,W,2,8,0.3,11,M,,M,,*5A
$HEHDT,317.6,T*2C
#
PORT 4 04-06-2014 07:31:53
$GPGLL,3452.3560,N,07438.9532,W,073102,A*3A
$GPRMC,073102,A,3452.3560,N,07438.9532,W,0.6,8.6,060414,11.9,W*42
$HEHDT,317.0,T*2A
$GPVTG,8.6,T,20.5,M,0.6,N,1.1,K*71
$GPZDA,073102,06,04,2014,00,00*4A
$GPGBS,073102,001.4,008.0,003.8,12,0.05,0032.9,012.5*48
$GPGGA,073103,3452.3560,N,07438.9536,W,2,8,0.3,11,M,,M,,*5F
$HEHDT,317.3,T*29
#
PORT 4 04-06-2014 07:31:54
$GPGLL,3452.3560,N,07438.9536,W,073103,A*3F
$GPRMC,073103,A,3452.3560,N,07438.9536,W,0.6,8.6,060414,11.9,W*47
$GPVTG,8.6,T,20.5,M,0.6,N,1.1,K*71
$GPZDA,073103,06,04,2014,00,00*4B
$GPGBS,073103,,,,,,*47
$HEHDT,317.6,T*2C
$GPGGA,073104,3452.3561,N,07438.9534,W,2,7,0.3,11,M,,M,,*54
$HEHDT,316.9,T*22
$GPGLL,3452.3561,N,07438.9534,W,073104,A*3B
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S01_C04_survey.Log

\$GPRMC,073104,A,3452.3561,N,07438.9534,W,0.6,8.1,060414,11.9,w*44
\$GPVTG,8.1,T,20.0,M,0.6,N,1.1,K*73
\$GPZDA,073104,06,04,2014,00,00*4C
\$GPGBS,073104,,,,,,,,*40
\$GPGGA,073105,3452.3563,N,07438.9533,W,2,7,0.3,11,M,,M,,*50
\$HEHDT,316.7,T*2C

PORT 4 04-06-2014 07:31:55

\$HEHDT,316.7,T*2C
\$GPGLL,3452.3563,N,07438.9533,W,073105,A*3F
\$GPRMC,073105,A,3452.3563,N,07438.9533,W,0.6,9.4,060414,11.9,w*44
\$GPVTG,9.4,T,21.3,M,0.6,N,1.1,K*75
\$GPZDA,073105,06,04,2014,00,00*4D
\$GPGBS,073105,,,,,,,,*41
\$HEHDT,316.8,T*23
\$GPGGA,073106,3452.3566,N,07438.9532,W,2,7,0.3,11,M,,M,,*57

PORT 4 04-06-2014 07:31:57

\$HEHDT,317.2,T*28
\$GPGLL,3452.3566,N,07438.9532,W,073106,A*38
\$GPRMC,073106,A,3452.3566,N,07438.9532,W,0.6,12.9,060414,11.9,w*74
\$GPVTG,12.9,T,24.8,M,0.6,N,1.1,K*4C
\$GPZDA,073106,06,04,2014,00,00*4E
\$GPGBS,073106,001.7,004.5,001.0,12,0.05,0022.4,012.5*40
\$GPGGA,073107,3452.3565,N,07438.9534,W,2,7,0.3,11,M,,M,,*53
\$HEHDT,318.0,T*25

PORT 4 04-06-2014 07:31:58

\$GPGLL,3452.3565,N,07438.9534,W,073107,A*3C
\$GPRMC,073107,A,3452.3565,N,07438.9534,W,0.6,12.2,060414,11.9,w*7B
\$HEHDT,317.9,T*23
\$GPVTG,12.2,T,24.1,M,0.6,N,1.1,K*4E
\$GPZDA,073107,06,04,2014,00,00*4F
\$GPGBS,073107,000.5,002.6,001.3,12,0.05,0016.6,012.5*41
\$GPGGA,073108,3452.3567,N,07438.9534,W,2,8,0.3,11,M,,M,,*51
\$HEHDT,318.3,T*26

PORT 4 04-06-2014 07:31:59

\$GPGLL,3452.3567,N,07438.9534,W,073108,A*31
\$GPRMC,073108,A,3452.3567,N,07438.9534,W,0.6,12.2,060414,11.9,w*76
\$GPVTG,12.2,T,24.1,M,0.6,N,1.1,K*4E
\$HEHDT,318.1,T*24
\$GPZDA,073108,06,04,2014,00,00*40
\$GPGBS,073108,000.8,004.2,002.0,12,0.05,0017.0,012.5*46
\$GPGGA,073109,3452.3568,N,07438.9534,W,2,8,0.3,11,M,,M,,*5F
\$HEHDT,318.7,T*22

PORT 5 04-06-2014 07:32:00
RNG: TX = 11.0 RX = 11.50 time = 04.174 Sec.

PORT 4 04-06-2014 07:32:00
\$GPGLL,3452.3568,N,07438.9534,W,073109,A*3F
\$GPRMC,073109,A,3452.3568,N,07438.9534,W,0.6,11.6,060414,11.9,w*7F
\$GPVTG,11.6,T,23.5,M,0.6,N,1.1,K*4A
\$HEHDT,318.3,T*26
\$GPZDA,073109,06,04,2014,00,00*41
\$GPGBS,073109,,,,,,,,*4D
\$GPGGA,073110,3452.3570,N,07438.9531,W,2,7,0.3,11,M,,M,,*54
\$HEHDT,318.6,T*2

PORT 12000 04-06-2014 07:32:00
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:32:01
\$GPGLL,3452.3568,N,07438.9534,W,073109,A*3F

S01_C04_survey.Log

\$GPRMC,073109,A,3452.3568,N,07438.9534,W,0.6,11.6,060414,11.9,w*7F
\$GPVTG,11.6,T,23.5,M,0.6,N,1.1,K*4A
\$HEHDT,318.3,T*26
\$GPZDA,073109,06,04,2014,00,00*41
\$GPGGBS,073109,,,,,,,,*4D
\$GPGGA,073110,3452.3570,N,07438.9531,W,2,7,0.3,11,M,,M,,*54
\$HEHDT,318.6,T*23
\$GPGLL,3452.3570,N,07438.9531,W,073110,A*3B
\$GPRMC,073110,A,3452.3570,N,07438.9531,W,0.6,11.6,060414,11.9,w*7B
\$GPVTG,11.6,T,23.5,M,0.6,N,1.1,K*4A
\$GPZDA,073110,06,04,2014,00,00*49
\$GPGGBS,073110,001.0,006.3,003.7,12,0.05,0026.8,012.5*49
\$HEHDT,318.1,T*24
\$GPGGA,073111,3452.3571,N,07438.9529,W,2,7,0.3,11,M,,M,,*5D

PORT 4 04-06-2014 07:32:02
\$HEHDT,318.2,T*27
\$GPGLL,3452.3571,N,07438.9529,W,073111,A*32
\$GPRMC,073111,A,3452.3571,N,07438.9529,W,0.6,11.6,060414,11.9,w*72
\$GPVTG,11.6,T,23.5,M,0.6,N,1.1,K*4A
\$GPZDA,073111,06,04,2014,00,00*48
\$GPGGBS,073111,000.7,004.1,002.4,12,0.05,0017.1,012.5*47
\$HEHDT,317.8,T*22
\$GPGGA,073112,3452.3574,N,07438.9530,W,2,8,0.3,11,M,,M,,*5C

PORT 4 04-06-2014 07:32:03
\$GPGLL,3452.3574,N,07438.9530,W,073112,A*3C
\$HEHDT,318.1,T*24
\$GPRMC,073112,A,3452.3574,N,07438.9530,W,0.6,11.4,060414,11.9,w*7E
\$GPVTG,11.4,T,23.3,M,0.6,N,1.1,K*4E
\$GPZDA,073112,06,04,2014,00,00*4B
\$GPGGBS,073112,000.9,002.6,000.5,12,0.05,0020.0,012.5*4D
\$GPGGA,073113,3452.3575,N,07438.9529,W,2,8,0.3,11,M,,M,,*54
\$HEHDT,317.9,T*23

PORT 4 04-06-2014 07:32:04
\$GPGLL,3452.3575,N,07438.9529,W,073113,A*34
\$GPRMC,073113,A,3452.3575,N,07438.9529,W,0.6,11.0,060414,11.9,w*72
\$HEHDT,318.5,T*20
\$GPVTG,11.0,T,22.9,M,0.6,N,1.1,K*41
\$GPZDA,073113,06,04,2014,00,00*4A
\$GPGGBS,073113,001.6,004.1,000.3,12,0.05,0019.6,012.5*49
\$GPGGA,073114,3452.3578,N,07438.9527,W,2,8,0.3,11,M,,M,,*50
\$HEHDT,318.2,T*27

PORT 4 04-06-2014 07:32:05
\$GPGLL,3452.3578,N,07438.9527,W,073114,A*30
\$GPRMC,073114,A,3452.3578,N,07438.9527,W,0.6,11.2,060414,11.9,w*74
\$HEHDT,318.1,T*24
\$GPVTG,11.2,T,23.1,M,0.6,N,1.1,K*4A
\$GPZDA,073114,06,04,2014,00,00*4D
\$GPGGBS,073114,001.5,004.1,000.3,12,0.05,0019.4,012.5*4F
\$GPGGA,073115,3452.3577,N,07438.9524,W,2,8,0.3,11,M,,M,,*5D
\$HEHDT,317.7,T*2D

PORT 4 04-06-2014 07:32:06
\$GPGLL,3452.3577,N,07438.9524,W,073115,A*3D
\$GPRMC,073115,A,3452.3577,N,07438.9524,W,0.6,12.2,060414,11.9,w*7A
\$GPVTG,12.2,T,24.1,M,0.6,N,1.1,K*4E
\$GPZDA,073115,06,04,2014,00,00*4C
\$HEHDT,318.1,T*24
\$GPGGBS,073115,000.8,004.5,002.2,12,0.05,0018.1,012.5*41
\$GPGGA,073116,3452.3576,N,07438.9525,W,2,8,0.3,11,M,,M,,*5E

S01_C04_survey.Log

\$HEHDT,318.0,T*25

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PORT 4 04-06-2014 07:32:07

\$GPGLL,3452.3576,N,07438.9525,W,073116,A*3E

\$GPRMC,073116,A,3452.3576,N,07438.9525,W,0.5,12.3,060414,11.9,W*7B

\$GPVTG,12.3,T,24.2,M,0.5,N,0.9,K*46

\$GPZDA,073116,06,04,2014,00,00*4F

\$GPGBS,073116,000.8,004.3,002.1,12,0.05,0017.3,012.5*4A

\$HEHDT,318.0,T*25

\$GPGGA,073117,3452.3578,N,07438.9525,W,2,8,0.3,11,M,,M,,*51

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PORT 5 04-06-2014 07:32:09

PORT 4 04-06-2014 07:32:09

\$HEHDT,318.7,T*22

\$GPGLL,3452.3578,N,07438.9525,W,073117,A*31

\$GPRMC,073117,A,3452.3578,N,07438.9525,W,0.5,10.8,060414,11.9,W*7D

\$GPVTG,10.8,T,22.7,M,0.5,N,0.9,K*4C

\$GPZDA,073117,06,04,2014,00,00*4E

\$GPGBS,073117,002.3,003.9,000.0,12,0.05,0016.2,012.5*4C

\$GPGGA,073118,3452.3579,N,07438.9526,W,2,8,0.3,11,M,,M,,*5C

\$HEHDT,318.0,T*25

\$GPGLL,3452.3579,N,07438.9526,W,073118,A*3C

\$GPRMC,073118,A,3452.3579,N,07438.9526,W,0.5,9.0,060414,11.9,W*40

\$HEHDT,318.4,T*21

\$GPVTG,9.0,T,20.9,M,0.5,N,0.9,K*70

\$GPZDA,073118,06,04,2014,00,00*41

\$GPGBS,073118,001.5,003.9,000.4,12,0.05,0017.9,012.5*48

\$GPGGA,073119,3452.3582,N,07438.9523,W,2,8,0.3,11,M,,M,,*5C

\$HEHDT,319.0,T*24

#

PORT 5 04-06-2014 07:32:10

PORT 4 04-06-2014 07:32:10

\$GPGLL,3452.3582,N,07438.9523,W,073119,A*3C

\$GPRMC,073119,A,3452.3582,N,07438.9523,W,0.6,8.5,060414,11.9,W*47

\$HEHDT,318.0,T*25

\$GPVTG,8.5,T,20.4,M,0.6,N,1.1,K*73

\$GPZDA,073119,06,04,2014,00,00*40

\$GPGBS,073119,000.8,004.5,002.3,12,0.05,0018.4,012.5*49

\$GPGGA,073120,3452.3585,N,07438.9519,W,2,8,0.3,11,M,,M,,*58

\$HEHDT,318.2,T*27

PORT 12000 04-06-2014 07:32:10

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:32:11

\$GPGLL,3452.3585,N,07438.9519,W,073120,A*38

\$GPRMC,073120,A,3452.3585,N,07438.9519,W,0.8,11.7,060414,11.9,W*77

\$GPVTG,11.7,T,23.6,M,0.8,N,1.5,K*42

\$GPZDA,073120,06,04,2014,00,00*4A

\$HEHDT,318.1,T*24

\$GPGBS,073120,001.4,003.8,000.3,12,0.05,0017.7,012.5*4A

\$GPGGA,073121,3452.3586,N,07438.9517,W,2,8,0.3,11,M,,M,,*54

\$HEHDT,318.3,T*26

\$GPGLL,3452.3586,N,07438.9517,W,073121,A*34

\$GPRMC,073121,A,3452.3586,N,07438.9517,W,0.8,13.8,060414,11.9,W*76

\$GPVTG,13.8,T,25.7,M,0.8,N,1.5,K*48

\$GPZDA,073121,06,04,2014,00,00*4B

\$GPGBS,073121,000.5,002.9,001.4,12,0.05,0018.0,012.5*45

\$GPGGA,073122,3452.3588,N,07438.9521,W,2,8,0.3,11,M,,M,,*5C

\$HEHDT,318.1,T*24

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PORT 4 04-06-2014 07:32:12

S01_C04_survey.Log

\$HEHDT,318.1,T*24
\$GPGLL,3452.3588,N,07438.9521,W,073122,A*3C
\$GPRMC,073122,A,3452.3588,N,07438.9521,W,0.8,13.8,060414,11.9,W*7E
\$GPVTG,13.8,T,25.7,M,0.8,N,1.5,K*48
\$GPZDA,073122,06,04,2014,00,00*48
\$GPGBS,073122,,,,,,*44
\$GPGGA,073123,3452.3586,N,07438.9522,W,2,8,0.3,11,M,,M,,*50
\$HEHDT,318.9,T*2C

PORT 4 04-06-2014 07:32:14
\$GPGLL,3452.3586,N,07438.9522,W,073123,A*30
\$HEHDT,318.5,T*20
\$GPRMC,073123,A,3452.3586,N,07438.9522,W,0.7,11.9,060414,11.9,W*7E
\$GPVTG,11.9,T,23.8,M,0.7,N,1.3,K*4B
\$GPZDA,073123,06,04,2014,00,00*49
\$GPGBS,073123,000.8,004.6,002.2,12,0.05,0029.0,012.5*44
\$GPGGA,073124,3452.3586,N,07438.9525,W,2,8,0.3,11,M,,M,,*50
\$HEHDT,318.3,T*26

PORT 4 04-06-2014 07:32:15
\$GPGLL,3452.3586,N,07438.9525,W,073124,A*30
\$GPRMC,073124,A,3452.3586,N,07438.9525,W,0.7,9.7,060414,11.9,W*49
\$HEHDT,318.5,T*20
\$GPVTG,9.7,T,21.6,M,0.7,N,1.3,K*70
\$GPZDA,073124,06,04,2014,00,00*4E
\$GPGBS,073124,001.1,002.8,000.3,12,0.05,0021.3,012.5*4B
\$GPGGA,073125,3452.3588,N,07438.9524,W,2,8,0.3,11,M,,M,,*5E
\$HEHDT,318.9,T*2C

PORT 4 04-06-2014 07:32:16
\$GPGLL,3452.3588,N,07438.9524,W,073125,A*3E
\$GPRMC,073125,A,3452.3588,N,07438.9524,W,0.6,8.3,060414,11.9,W*43
\$GPVTG,8.3,T,20.2,M,0.6,N,1.1,K*73
\$GPZDA,073125,06,04,2014,00,00*4F
\$GPGBS,073125,001.4,003.6,000.3,12,0.05,0016.8,012.5*4F
\$HEHDT,319.0,T*24
\$GPGGA,073126,3452.3589,N,07438.9525,W,2,8,0.3,11,M,,M,,*5D
\$HEHDT,318.4,T*21
\$GPGLL,3452.3589,N,07438.9525,W,073126,A*3D
\$GPRMC,073126,A,3452.3589,N,07438.9525,W,0.6,8.3,060414,11.9,W*40
\$GPVTG,8.3,T,20.2,M,0.6,N,1.1,K*73
\$GPZDA,073126,06,04,2014,00,00*4C
\$GPGBS,073126,,,,,,*40
\$GPGGA,073127,3452.3589,N,07438.9525,W,2,8,0.3,10,M,,M,,*5D
\$HEHDT,318.6,T*23

PORT 4 04-06-2014 07:32:17
\$GPGLL,3452.3589,N,07438.9525,W,073127,A*3C
\$HEHDT,318.3,T*26
\$GPRMC,073127,A,3452.3589,N,07438.9525,W,0.6,6.5,060414,11.9,W*49
\$GPVTG,6.5,T,18.4,M,0.6,N,1.1,K*76
\$GPZDA,073127,06,04,2014,00,00*4D
\$GPGBS,073127,,,,,,*41
\$GPGGA,073128,3452.3591,N,07438.9524,W,2,7,0.3,10,M,,M,,*55
\$HEHDT,318.5,T*20

PORT 4 04-06-2014 07:32:19
\$GPGLL,3452.3591,N,07438.9524,W,073128,A*3B
\$HEHDT,318.7,T*22
\$GPRMC,073128,A,3452.3591,N,07438.9524,W,0.6,6.3,060414,11.9,W*48
\$GPVTG,6.3,T,18.2,M,0.6,N,1.1,K*76
\$GPZDA,073128,06,04,2014,00,00*42
\$GPGBS,073128,,,,,,*4E

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\$GPGGA,073129,3452.3593,N,07438.9522,W,2,7,0.3,10,M,,M,,*50
\$HEHDT,319.0,T*24

PORT 4 04-06-2014 07:32:20
\$GPGLL,3452.3593,N,07438.9522,W,073129,A*3E
\$GPRMC,073129,A,3452.3593,N,07438.9522,W,0.7,8.3,060414,11.9,W*42
\$GPVTG,8.3,T,20.2,M,0.7,N,1.3,K*70
\$HEHDT,319.2,T*26
\$GPZDA,073129,06,04,2014,00,00*43
\$GPGBS,073129,000.3,003.1,001.0,12,0.05,0012.4,012.5*48
\$GPGGA,073130,3452.3593,N,07438.9523,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,319.5,T*21
PORT 12000 04-06-2014 07:32:20
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:32:21
\$GPGLL,3452.3593,N,07438.9523,W,073130,A*37
\$GPRMC,073130,A,3452.3593,N,07438.9523,W,0.7,8.3,060414,11.9,W*4B
\$GPVTG,8.3,T,20.2,M,0.7,N,1.3,K*70
\$GPZDA,073130,06,04,2014,00,00*4B
\$HEHDT,319.0,T*24
\$GPGBS,073130,,,,,,*47
\$GPGGA,073131,3452.3595,N,07438.9523,W,2,8,0.3,10,M,,M,,*51
\$HEHDT,318.4,T*21

PORT 4 04-06-2014 07:32:22
\$GPGLL,3452.3595,N,07438.9523,W,073131,A*30
\$GPRMC,073131,A,3452.3595,N,07438.9523,W,0.7,8.7,060414,11.9,W*48
\$GPVTG,8.7,T,20.6,M,0.7,N,1.3,K*70
\$GPZDA,073131,06,04,2014,00,00*4A
\$HEHDT,318.3,T*26
\$GPGBS,073131,,,,,,*46
\$GPGGA,073132,3452.3596,N,07438.9521,W,2,7,0.3,10,M,,M,,*5C
\$GPGLL,3452.3596,N,07438.9521,W,073132,A*32
\$HEHDT,318.7,T*22
\$GPRMC,073132,A,3452.3596,N,07438.9521,W,0.6,10.1,060414,11.9,W*74
\$GPVTG,10.1,T,22.0,M,0.6,N,1.1,K*48
\$GPZDA,073132,06,04,2014,00,00*49
\$GPGBS,073132,001.6,004.5,001.0,12,0.05,0022.6,012.5*44
\$GPGGA,073133,3452.3595,N,07438.9523,W,2,7,0.3,10,M,,M,,*5C
\$HEHDT,318.7,T*22

PORT 4 04-06-2014 07:32:23
\$GPGLL,3452.3595,N,07438.9523,W,073133,A*32
\$GPRMC,073133,A,3452.3595,N,07438.9523,W,0.6,10.1,060414,11.9,W*74
\$HEHDT,319.5,T*21
\$GPVTG,10.1,T,22.0,M,0.6,N,1.1,K*48
\$GPZDA,073133,06,04,2014,00,00*48
\$GPGBS,073133,,,,,,*44
\$GPGGA,073134,3452.3596,N,07438.9525,W,2,7,0.3,10,M,,M,,*5E
\$HEHDT,319.4,T*20

PORT 4 04-06-2014 07:32:24
\$GPGLL,3452.3596,N,07438.9525,W,073134,A*30
\$GPRMC,073134,A,3452.3596,N,07438.9525,W,0.5,10.2,060414,11.9,W*76
\$HEHDT,319.6,T*22
\$GPVTG,10.2,T,22.1,M,0.5,N,0.9,K*40
\$GPZDA,073134,06,04,2014,00,00*4F
\$GPGBS,073134,,,,,,*43
\$GPGGA,073135,3452.3595,N,07438.9523,W,2,7,0.3,10,M,,M,,*5A
\$HEHDT,319.3,T*27

PORT 4 04-06-2014 07:32:26

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\$GPGLL,3452.3595,N,07438.9523,W,073135,A*34
\$GPRMC,073135,A,3452.3595,N,07438.9523,W,0.5,9.9,060414,11.9,W*41
\$GPVTG,9.9,T,21.8,M,0.5,N,0.9,K*79
\$HEHDT,319.7,T*23
\$GPZDA,073135,06,04,2014,00,00*4E
\$GPGBS,073135,000.5,003.3,001.9,12,0.05,0021.5,012.5*49
\$GPGGA,073136,3452.3597,N,07438.9521,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,319.5,T*21
\$GPGLL,3452.3597,N,07438.9521,W,073136,A*37
\$GPRMC,073136,A,3452.3597,N,07438.9521,W,0.5,10.0,060414,11.9,W*73
\$GPVTG,10.0,T,21.9,M,0.5,N,0.9,K*49
\$GPZDA,073136,06,04,2014,00,00*4D
\$GPGBS,073136,000.6,003.6,002.1,12,0.05,0015.1,012.5*44
\$HEHDT,319.4,T*20
\$GPGGA,073137,3452.3600,N,07438.9521,W,2,8,0.3,10,M,,M,,*5A

PORT 4 04-06-2014 07:32:27
\$GPGLL,3452.3600,N,07438.9521,W,073137,A*3B
\$HEHDT,319.8,T*2C
\$GPRMC,073137,A,3452.3600,N,07438.9521,W,0.5,10.0,060414,11.9,W*7F
\$GPVTG,10.0,T,21.9,M,0.5,N,0.9,K*49
\$GPZDA,073137,06,04,2014,00,00*4C
\$GPGBS,073137,,,,,,*40
\$GPGGA,073138,3452.3603,N,07438.9522,W,2,7,0.3,10,M,,M,,*5A
\$HEHDT,319.4,T*20

PORT 4 04-06-2014 07:32:28
\$GPGLL,3452.3603,N,07438.9522,W,073138,A*34
\$HEHDT,318.8,T*2D
\$GPRMC,073138,A,3452.3603,N,07438.9522,W,0.6,10.4,060414,11.9,W*77
\$GPVTG,10.4,T,22.3,M,0.6,N,1.1,K*4E
\$GPZDA,073138,06,04,2014,00,00*43
\$GPGBS,073138,,,,,,*4F
\$GPGGA,073139,3452.3604,N,07438.9522,W,2,7,0.3,10,M,,M,,*5C
\$HEHDT,319.0,T*24

PORT 4 04-06-2014 07:32:29
\$GPGLL,3452.3604,N,07438.9522,W,073139,A*32
\$GPRMC,073139,A,3452.3604,N,07438.9522,W,0.6,12.2,060414,11.9,W*75
\$HEHDT,318.9,T*2C
\$GPVTG,12.2,T,24.1,M,0.6,N,1.1,K*4E
\$GPZDA,073139,06,04,2014,00,00*42
\$GPGBS,073139,,,,,,*4E
\$GPGGA,073140,3452.3604,N,07438.9522,W,2,7,0.3,10,M,,M,,*52
\$HEHDT,319.7,T*23
PORT 12000 04-06-2014 07:32:29
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PORT 4 04-06-2014 07:32:30
\$GPGLL,3452.3604,N,07438.9522,W,073140,A*3C
\$GPRMC,073140,A,3452.3604,N,07438.9522,W,0.6,12.2,060414,11.9,W*7B
\$GPVTG,12.2,T,24.1,M,0.6,N,1.1,K*4E
\$GPZDA,073140,06,04,2014,00,00*4C
\$HEHDT,319.5,T*21
\$GPGBS,073140,,,,,,*40
\$GPGGA,073141,3452.3604,N,07438.9523,W,2,7,0.3,10,M,,M,,*52

PORT 4 04-06-2014 07:32:31
\$HEHDT,319.5,T*21
\$GPGLL,3452.3604,N,07438.9523,W,073141,A*3C
\$GPRMC,073141,A,3452.3604,N,07438.9523,W,0.6,12.8,060414,11.9,W*71
\$GPVTG,12.8,T,24.7,M,0.6,N,1.1,K*42
\$GPZDA,073141,06,04,2014,00,00*4D

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\$GPGBS,073141,,,,,,,,*41
\$HEHDT,319.8,T*2C
\$GPGGA,073142,3452.3604,N,07438.9525,W,2,5,0.4,10,M,,M,,*52

PORT 4 04-06-2014 07:32:32
\$HEHDT,319.4,T*20
\$GPGLL,3452.3604,N,07438.9525,W,073142,A*39
\$GPRMC,073142,A,3452.3604,N,07438.9525,W,0.5,13.4,060414,11.9,W*7A
\$GPVTG,13.4,T,25.3,M,0.5,N,0.9,K*40
\$GPZDA,073142,06,04,2014,00,00*4E
\$GPGBS,073142,,,,,,,,*42
\$GPGGA,073143,3452.3604,N,07438.9525,W,2,5,0.4,10,M,,M,,*53
\$HEHDT,318.9,T*2C

PORT 4 04-06-2014 07:32:33
\$GPGLL,3452.3604,N,07438.9525,W,073143,A*38
\$HEHDT,319.2,T*26
\$GPRMC,073143,A,3452.3604,N,07438.9525,W,0.5,14.0,060414,11.9,W*78
\$GPVTG,14.0,T,25.9,M,0.5,N,0.9,K*49
\$GPZDA,073143,06,04,2014,00,00*4F
\$GPGBS,073143,,,,,,,,*43
\$GPGGA,073144,3452.3600,N,07438.9530,W,2,5,0.4,9,M,,M,,*6C
\$HEHDT,320.0,T*2E

PORT 4 04-06-2014 07:32:34
\$GPGLL,3452.3600,N,07438.9530,W,073144,A*3F
\$HEHDT,320.1,T*2F
\$GPRMC,073144,A,3452.3600,N,07438.9530,W,0.5,14.0,060414,11.9,W*7F
\$GPVTG,14.0,T,25.9,M,0.5,N,0.9,K*49
\$GPZDA,073144,06,04,2014,00,00*48
\$GPGBS,073144,,,,,,,,*44
\$GPGGA,073145,3452.3602,N,07438.9532,W,2,5,0.4,9,M,,M,,*6D
\$HEHDT,319.8,T*2C

PORT 4 04-06-2014 07:32:35
\$GPGLL,3452.3602,N,07438.9532,W,073145,A*3E
\$GPRMC,073145,A,3452.3602,N,07438.9532,W,0.4,9.7,060414,11.9,W*44
\$HEHDT,320.5,T*2B
\$GPVTG,9.7,T,21.6,M,0.4,N,0.7,K*76
\$GPZDA,073145,06,04,2014,00,00*49
\$GPGBS,073145,,,,,,,,*45
\$GPGGA,073146,3452.3604,N,07438.9528,W,2,5,0.4,9,M,,M,,*63
\$HEHDT,320.9,T*27

PORT 4 04-06-2014 07:32:37
\$GPGLL,3452.3604,N,07438.9528,W,073146,A*30
\$GPRMC,073146,A,3452.3604,N,07438.9528,W,0.6,8.8,060414,11.9,W*46
\$GPVTG,8.8,T,20.7,M,0.6,N,1.1,K*7D
\$GPZDA,073146,06,04,2014,00,00*4A
\$GPGBS,073146,,,,,,,,*46
\$HEHDT,319.9,T*2D
\$GPGGA,073147,3452.3607,N,07438.9525,W,2,5,0.4,9,M,,M,,*6C

PORT 4 04-06-2014 07:32:38
\$HEHDT,320.2,T*2C
\$GPGLL,3452.3607,N,07438.9525,W,073147,A*3F
\$GPRMC,073147,A,3452.3607,N,07438.9525,W,0.6,8.8,060414,11.9,W*49
\$GPVTG,8.8,T,20.7,M,0.6,N,1.1,K*7D
\$GPZDA,073147,06,04,2014,00,00*4B
\$GPGBS,073147,,,,,,,,*47
\$GPGGA,073148,3452.3610,N,07438.9524,W,2,6,0.4,9,M,,M,,*67
\$HEHDT,320.5,T*2B
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\$HEHDT,319.9,T*2D
\$GPGLL,3452.3610,N,07438.9524,W,073148,A*37
\$GPRMC,073148,A,3452.3610,N,07438.9524,W,0.8,12.1,060414,11.9,W*7D
\$GPVTG,12.1,T,24.0,M,0.8,N,1.5,K*46
\$GPZDA,073148,06,04,2014,00,00*44
\$GPGBS,073148,,,,,,,,*48
\$GPGGA,073149,3452.3611,N,07438.9525,W,2,6,0.4,9,M,,M,,*66
\$HEHDT,320.3,T*2D

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PORT 4 04-06-2014 07:32:40

\$HEHDT,319.7,T*23
\$GPGLL,3452.3611,N,07438.9525,W,073149,A*36
\$GPRMC,073149,A,3452.3611,N,07438.9525,W,0.7,13.4,060414,11.9,W*77
\$GPVTG,13.4,T,25.3,M,0.7,N,1.3,K*49
\$GPZDA,073149,06,04,2014,00,00*45
\$GPGBS,073149,,,,,,,,*49
\$HEHDT,319.4,T*20
\$GPGGA,073150,3452.3611,N,07438.9524,W,2,6,0.3,9,M,,M,,*68

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\$PPWBA,d2pc15,192.168.2.151,Online

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\$GPGLL,3452.3611,N,07438.9524,W,073150,A*3F
\$GPRMC,073150,A,3452.3611,N,07438.9524,W,0.6,13.1,060414,11.9,W*7A
\$HEHDT,319.4,T*20
\$GPVTG,13.1,T,25.0,M,0.6,N,1.1,K*4C
\$GPZDA,073150,06,04,2014,00,00*4D
\$GPGBS,073150,001.1,002.9,000.7,12,0.05,0023.7,012.5*4B
\$GPGGA,073151,3452.3611,N,07438.9526,W,2,6,0.3,9,M,,M,,*6B
\$HEHDT,319.4,T*20
\$GPGLL,3452.3611,N,07438.9526,W,073151,A*3C
\$GPRMC,073151,A,3452.3611,N,07438.9526,W,0.5,12.4,060414,11.9,W*7E
\$GPVTG,12.4,T,24.3,M,0.5,N,0.9,K*40
\$GPZDA,073151,06,04,2014,00,00*4C
\$HEHDT,320.3,T*2D
\$GPGBS,073151,,,,,,,,*40
\$GPGGA,073152,3452.3611,N,07438.9528,W,2,7,0.3,9,M,,M,,*67

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PORT 4 04-06-2014 07:32:42

\$HEHDT,321.0,T*2F
\$GPGLL,3452.3611,N,07438.9528,W,073152,A*31
\$GPRMC,073152,A,3452.3611,N,07438.9528,W,0.5,12.4,060414,11.9,W*73
\$GPVTG,12.4,T,24.3,M,0.5,N,0.9,K*40
\$GPZDA,073152,06,04,2014,00,00*4F
\$HEHDT,320.9,T*27
\$GPGBS,073152,,,,,,,,*43
\$GPGGA,073153,3452.3613,N,07438.9521,W,2,7,0.3,9,M,,M,,*6D

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\$HEHDT,320.5,T*2B
\$GPGLL,3452.3613,N,07438.9521,W,073153,A*3B
\$GPRMC,073153,A,3452.3613,N,07438.9521,W,0.5,10.4,060414,11.9,W*7B
\$GPVTG,10.4,T,22.3,M,0.5,N,0.9,K*44
\$GPZDA,073153,06,04,2014,00,00*4E
\$HEHDT,320.0,T*2E
\$GPGBS,073153,001.3,006.5,003.3,12,0.05,0027.0,012.5*46
\$GPGGA,073154,3452.3615,N,07438.9517,W,2,8,0.3,9,M,,M,,*66

#

PORT 4 04-06-2014 07:32:45

\$HEHDT,320.1,T*2F
\$GPGLL,3452.3615,N,07438.9517,W,073154,A*3F
\$GPRMC,073154,A,3452.3615,N,07438.9517,W,0.6,11.7,060414,11.9,W*7E

S01_C04_survey.Log

\$GPVTG,11.7,T,23.6,M,0.6,N,1.1,K*48
\$GPZDA,073154,06,04,2014,00,00*49
\$GPGBS,073154,001.1,002.9,000.3,12,0.05,0021.8,012.5*46
\$GPGGGA,073155,3452.3617,N,07438.9514,W,2,8,0.3,9,M,,M,,*66
\$HEHDT,319.3,T*27

PORT 4 04-06-2014 07:32:46
\$GPGLL,3452.3617,N,07438.9514,W,073155,A*3F
\$GPRMC,073155,A,3452.3617,N,07438.9514,W,0.6,11.7,060414,11.9,W*7E
\$HEHDT,319.3,T*27
\$GPVTG,11.7,T,23.6,M,0.6,N,1.1,K*48
\$GPZDA,073155,06,04,2014,00,00*48
\$GPGBS,073155,000.7,001.8,000.2,12,0.05,0013.8,012.5*42
\$GPGGGA,073156,3452.3618,N,07438.9515,W,2,8,0.3,9,M,,M,,*6B
\$HEHDT,319.0,T*24

PORT 4 04-06-2014 07:32:47
\$GPGLL,3452.3618,N,07438.9515,W,073156,A*32
\$GPRMC,073156,A,3452.3618,N,07438.9515,W,0.6,14.7,060414,11.9,W*76
\$GPVTG,14.7,T,26.6,M,0.6,N,1.1,K*48
\$HEHDT,320.1,T*2F
\$GPZDA,073156,06,04,2014,00,00*4B
\$GPGBS,073156,,,,,,*47
\$GPGGGA,073157,3452.3617,N,07438.9518,W,2,8,0.3,9,M,,M,,*68
\$HEHDT,320.2,T*2C

PORT 4 04-06-2014 07:32:48
\$GPGLL,3452.3617,N,07438.9518,W,073157,A*31
\$GPRMC,073157,A,3452.3617,N,07438.9518,W,0.6,14.2,060414,11.9,W*70
\$GPVTG,14.2,T,26.1,M,0.6,N,1.1,K*4A
\$GPZDA,073157,06,04,2014,00,00*4A
\$HEHDT,320.9,T*27
\$GPGBS,073157,,,,,,*46
\$GPGGGA,073158,3452.3618,N,07438.9518,W,2,7,0.3,9,M,,M,,*67
\$HEHDT,320.7,T*29

PORT 5 04-06-2014 07:32:49

RX11.50 #
IN11.0 *
PORT 4 04-06-2014 07:32:49
\$GPGLL,3452.3618,N,07438.9518,W,073158,A*31
\$GPRMC,073158,A,3452.3618,N,07438.9518,W,0.5,13.5,060414,11.9,W*73
\$GPVTG,13.5,T,25.4,M,0.5,N,0.9,K*46
\$GPZDA,073158,06,04,2014,00,00*45
\$HEHDT,321.1,T*2E
\$GPGBS,073158,,,,,,*49
\$GPGGGA,073159,3452.3622,N,07438.9511,W,2,7,0.3,9,M,,M,,*66
\$GPGLL,3452.3622

PORT 5 04-06-2014 07:32:51
SI8 *
SO9 *
PORT 4 04-06-2014 07:32:51
\$GPGLL,3452.3618,N,07438.9518,W,073158,A*31
\$GPRMC,073158,A,3452.3618,N,07438.9518,W,0.5,13.5,060414,11.9,W*73
\$GPVTG,13.5,T,25.4,M,0.5,N,0.9,K*46
\$GPZDA,073158,06,04,2014,00,00*45
\$HEHDT,321.1,T*2E
\$GPGBS,073158,,,,,,*49
\$GPGGGA,073159,3452.3622,N,07438.9511,W,2,7,0.3,9,M,,M,,*66
\$GPGLL,3452.3622,N,07438.9511,W,073159,A*30

S01_C04_survey.Log

\$HEHDT,320.7,T*29
\$GPRMC,073159,A,3452.3622,N,07438.9511,W,0.5,13.5,060414,11.9,W*72
\$GPVTG,13.5,T,25.4,M,0.5,N,0.9,K*46
\$GPZDA,073159,06,04,2014,00,00*44
\$GPGGBS,073159,003.5,009.0,000.9,12,0.05,0043.2,012.5*4B
\$GPGGA,073200,3452.3622,N,07438.9509,W,2,8,0.3,9,M,,M,,*6F
\$HEHDT,320.0,T*2E
\$GPGLL,3452.3622,N,07438.9509,W,073200,A*36
\$GPRMC,073200,A,3452.3622,N,07438.9509,W,0.6,16.4,060414,11.9,W*73
\$HEHDT,319.4,T*20
\$GPVTG,16.4,T,28.3,M,0.6,N,1.1,K*42
\$GPZDA,073200,06,04,2014,00,00*4B
\$GPGGBS,073200,,,,,,,,*47
\$GPGGA,073201,3452.3622,N,07438.9510,W,2,8,0.3,9,M,,M,,*66
\$HEHDT,319.8,T*2C
PORT 12000 04-06-2014 07:32:51
\$PPWBA,d2pc15,192.168.2.151,online

PORT 5 04-06-2014 07:32:52
LG00000 *
UG12000 *
RR *
PORT 4 04-06-2014 07:32:52
\$GPGLL,3452.3622,N,07438.9510,W,073201,A*3F
\$GPRMC,073201,A,3452.3622,N,07438.9510,W,0.6,16.8,060414,11.9,W*76
\$HEHDT,319.6,T*22
\$GPVTG,16.8,T,28.7,M,0.6,N,1.1,K*4A
\$GPZDA,073201,06,04,2014,00,00*4A
\$GPGGBS,073201,,,,,,,,*46
\$GPGGA,073202,3452.3622,N,07438.9514,W,2,7,0.3,9,M,,M,,*6E
\$HEHDT,319.9,T*2D
\$GPGLL,3

PORT 4 04-06-2014 07:32:53
\$GPGLL,3452.3622,N,07438.9510,W,073201,A*3F
\$GPRMC,073201,A,3452.3622,N,07438.9510,W,0.6,16.8,060414,11.9,W*76
\$HEHDT,319.6,T*22
\$GPVTG,16.8,T,28.7,M,0.6,N,1.1,K*4A
\$GPZDA,073201,06,04,2014,00,00*4A
\$GPGGBS,073201,,,,,,,,*46
\$GPGGA,073202,3452.3622,N,07438.9514,W,2,7,0.3,9,M,,M,,*6E
\$HEHDT,319.9,T*2D
\$GPGLL,3452.3622,N,07438.9514,W,073202,A*38
\$GPRMC,073202,A,3452.3622,N,07438.9514,W,0.6,13.4,060414,11.9,W*78
\$GPVTG,13.4,T,25.3,M,0.6,N,1.1,K*4A
\$GPZDA,073202,06,04,2014,00,00*49
\$HEHDT,319.4,T*20
\$GPGGBS,073202,,,,,,,,*45
\$GPGGA,073203,3452.3622,N,07438.9518,W,2,7,0.3,9,M,,M,,*63
\$HEHDT,320.2,T*2C

PORT 4 04-06-2014 07:32:54
\$GPGLL,3452.3622,N,07438.9518,W,073203,A*35
\$GPRMC,073203,A,3452.3622,N,07438.9518,W,0.6,8.3,060414,11.9,W*48
\$GPVTG,8.3,T,20.2,M,0.6,N,1.1,K*73
\$GPZDA,073203,06,04,2014,00,00*48
\$HEHDT,320.3,T*2D
\$GPGGBS,073203,,,,,,,,*44
\$GPGGA,073204,3452.3624,N,07438.9511,W,2,7,0.3,9,M,,M,,*6B
\$HEHDT,320.4,T*2A

PORT 4 04-06-2014 07:32:55
\$GPGLL,3452.3624,N,07438.9511,W,073204,A*3D

S01_C04_survey.Log

\$GPRMC,073204,A,3452.3624,N,07438.9511,W,0.6,8.3,060414,11.9,w*40
\$GPVTG,8.3,T,20.2,M,0.6,N,1.1,K*73
\$GPZDA,073204,06,04,2014,00,00*4F
\$GPGBS,073204,001.5,008.4,005.1,12,0.05,0035.7,012.5*4E
\$HEHDT,321.0,T*2F
\$GPGGA,073205,3452.3626,N,07438.9505,W,2,7,0.3,9,M,,M,,*6D
\$GPGLL,3452.3626,N,07438.9505,W,073205,A*3B
\$HEHDT,320.3,T*2D
\$GPRMC,073205,A,3452.3626,N,07438.9505,W,0.6,6.0,060414,11.9,w*4B
\$GPVTG,6.0,T,17.9,M,0.6,N,1.1,K*71
\$GPZDA,073205,06,04,2014,00,00*4E
\$GPGBS,073205,000.6,002.9,001.5,12,0.05,0011.8,012.5*43
\$GPGGA,073206,3452.3629,N,07438.9503,W,2,8,0.3,9,M,,M,,*68
\$HEHDT,320.3,T*2D

PORT 4 04-06-2014 07:32:56
\$GPGLL,3452.3629,N,07438.9503,W,073206,A*31
\$GPRMC,073206,A,3452.3629,N,07438.9503,W,0.9,12.6,060414,11.9,w*7D
\$HEHDT,319.4,T*20
\$GPVTG,12.6,T,24.5,M,0.9,N,1.7,K*47
\$GPZDA,073206,06,04,2014,00,00*4D
\$GPGBS,073206,,,,,,,,*41
\$GPGGA,073207,3452.3629,N,07438.9504,W,2,8,0.3,9,M,,M,,*6E
\$HEHDT,319.0,T*24

PORT 4 04-06-2014 07:32:57
\$GPGLL,3452.3629,N,07438.9504,W,073207,A*37
\$GPRMC,073207,A,3452.3629,N,07438.9504,W,0.8,13.4,060414,11.9,w*79
\$HEHDT,319.6,T*22
\$GPVTG,13.4,T,25.3,M,0.8,N,1.5,K*40
\$GPZDA,073207,06,04,2014,00,00*4C
\$GPGBS,073207,,,,,,,,*40
\$GPGGA,073208,3452.3629,N,07438.9504,W,2,7,0.3,9,M,,M,,*6E

PORT 4 04-06-2014 07:32:58
\$HEHDT,319.0,T*24
\$GPGLL,3452.3629,N,07438.9504,W,073208,A*38
\$GPRMC,073208,A,3452.3629,N,07438.9504,W,0.8,13.4,060414,11.9,w*76
\$GPVTG,13.4,T,25.3,M,0.8,N,1.5,K*40
\$GPZDA,073208,06,04,2014,00,00*43
\$GPGBS,073208,001.3,003.4,000.3,12,0.05,0016.0,012.5*4E
\$HEHDT,319.6,T*22
\$GPGGA,073209,3452.3629,N,07438.9508,W,2,7,0.3,9,M,,M,,*63

PORT 4 04-06-2014 07:32:59
\$HEHDT,320.1,T*2F
\$GPGLL,3452.3629,N,07438.9508,W,073209,A*35
\$GPRMC,073209,A,3452.3629,N,07438.9508,W,0.8,11.2,060414,11.9,w*7F
\$GPVTG,11.2,T,23.1,M,0.8,N,1.5,K*40
\$GPZDA,073209,06,04,2014,00,00*42
\$GPGBS,073209,,,,,,,,*4E
\$GPGGA,073210,3452.3629,N,07438.9510,W,2,7,0.3,9,M,,M,,*62
\$HEHDT,319.3,T*27
PORT 12000 04-06-2014 07:32:59
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:33:01
\$HEHDT,319.5,T*21
\$GPGLL,3452.3629,N,07438.9510,W,073210,A*34
\$GPRMC,073210,A,3452.3629,N,07438.9510,W,0.6,10.7,060414,11.9,w*74
\$GPVTG,10.7,T,22.6,M,0.6,N,1.1,K*48
\$GPZDA,073210,06,04,2014,00,00*4A
\$GPGBS,073210,,,,,,,,*46

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\$GPGGA,073211,3452.3629,N,07438.9506,W,2,7,0.3,9,M,,M,,*64
\$HEHDT,319.6,T*22

PORT 4 04-06-2014 07:33:02
\$GPGLL,3452.3629,N,07438.9506,W,073211,A*32
\$HEHDT,319.8,T*2C
\$GPRMC,073211,A,3452.3629,N,07438.9506,W,0.6,10.7,060414,11.9,W*72
\$GPVTG,10.7,T,22.6,M,0.6,N,1.1,K*48
\$GPZDA,073211,06,04,2014,00,00*4B
\$GPGBS,073211,001.6,004.4,001.0,12,0.05,0035.1,012.5*46
\$GPGGA,073212,3452.3632,N,07438.9505,W,2,8,0.3,9,M,,M,,*61
\$HEHDT,319.7,T*23

PORT 4 04-06-2014 07:33:03
\$GPGLL,3452.3632,N,07438.9505,W,073212,A*38
\$GPRMC,073212,A,3452.3632,N,07438.9505,W,0.6,10.0,060414,11.9,W*7F
\$GPVTG,10.0,T,21.9,M,0.6,N,1.1,K*43
\$HEHDT,319.3,T*27
\$GPZDA,073212,06,04,2014,00,00*48
\$GPGBS,073212,000.8,002.1,000.5,12,0.05,0010.5,012.5*4E
\$GPGGA,073213,3452.3633,N,07438.9505,W,2,8,0.3,9,M,,M,,*61
\$HEHDT,319.2,T*26

PORT 5 04-06-2014 07:33:04

PORT 4 04-06-2014 07:33:04
\$GPGLL,3452.3633,N,07438.9505,W,073213,A*38
\$GPRMC,073213,A,3452.3633,N,07438.9505,W,0.6,9.2,060414,11.9,W*45
\$GPVTG,9.2,T,21.1,M,0.6,N,1.1,K*71
\$GPZDA,073213,06,04,2014,00,00*49
\$GPGBS,073213,,,,,,*45
\$HEHDT,318.6,T*23
\$GPGGA,073214,3452.3635,N,07438.9504,W,2,7,0.3,9,M,,M,,*6E
\$HEHDT,318.8,T*2D
\$GPGLL,3452.3635,N,07438.950

PORT 5 04-06-2014 07:33:06
IN
PORT 4 04-06-2014 07:33:06
\$GPGLL,3452.3633,N,07438.9505,W,073213,A*38
\$GPRMC,073213,A,3452.3633,N,07438.9505,W,0.6,9.2,060414,11.9,W*45
\$GPVTG,9.2,T,21.1,M,0.6,N,1.1,K*71
\$GPZDA,073213,06,04,2014,00,00*49
\$GPGBS,073213,,,,,,*45
\$HEHDT,318.6,T*23
\$GPGGA,073214,3452.3635,N,07438.9504,W,2,7,0.3,9,M,,M,,*6E
\$HEHDT,318.8,T*2D
\$GPGLL,3452.3635,N,07438.9504,W,073214,A*38
\$GPRMC,073214,A,3452.3635,N,07438.9504,W,0.6,10.3,060414,11.9,W*7C
\$GPVTG,10.3,T,22.2,M,0.6,N,1.1,K*48
\$GPZDA,073214,06,04,2014,00,00*4E
\$GPGBS,073214,,,,,,*42
\$HEHDT,318.7,T*22
\$GPGGA,073215,3452.3636,N,07438.9502,W,2,7,0.3,9,M,,M,,*6A
\$HEHDT,319.7,T*23
\$GPGLL,3452.3636,N,07438.9502,W,073215,A*3C
\$GPRMC,073215,A,3452.3636,N,07438.9502,W,0.6,10.3,060414,11.9,W*78
\$GPVTG,10.3,T,22.2,M,0.6,N,1.1,K*48
\$GPZDA,073215,06,04,2014,00,00*4F
\$GPGBS,073215,000.8,002.0,000.5,12,0.05,0009.8,012.5*4D
\$GPGGA,073216,3452.3639,N,07438.9500,W,2,8,0.3,9,M,,M,,*6B
\$HEHDT,320.2,T*2C
#

S01_C04_survey.Log

PORT 4 04-06-2014 07:33:07
\$GPGLL,3452.3639,N,07438.9500,W,073216,A*32
\$GPRMC,073216,A,3452.3639,N,07438.9500,W,0.6,11.6,060414,11.9,w*72
\$HEHDT,319.3,T*27
\$GPVTG,11.6,T,23.5,M,0.6,N,1.1,K*4A
\$GPZDA,073216,06,04,2014,00,00*4C
\$GPGBS,073216,000.7,003.6,001.8,12,0.05,0014.6,012.5*48
\$GPGGA,073217,3452.3638,N,07438.9500,W,2,8,0.3,9,M,,M,,*6B
\$HEHDT,319.3,T*27

PORT 4 04-06-2014 07:33:08
\$GPGLL,3452.3638,N,07438.9500,W,073217,A*32
\$GPRMC,073217,A,3452.3638,N,07438.9500,W,0.6,13.2,060414,11.9,w*74
\$HEHDT,318.8,T*2D
\$GPVTG,13.2,T,25.1,M,0.6,N,1.1,K*4E
\$GPZDA,073217,06,04,2014,00,00*4D
\$GPGBS,073217,,,,,,*41
\$GPGGA,073218,3452.3639,N,07438.9497,W,2,7,0.3,9,M,,M,,*65
\$HEHDT,318.7,T*22

PORT 5 04-06-2014 07:33:09
04181 mS
*

PORT 4 04-06-2014 07:33:09
\$GPGLL,3452.3639,N,07438.9497,W,073218,A*33
\$GPRMC,073218,A,3452.3639,N,07438.9497,W,0.6,13.2,060414,11.9,w*75
\$GPVTG,13.2,T,25.1,M,0.6,N,1.1,K*4E
\$HEHDT,318.7,T*22
\$GPZDA,073218,06,04,2014,00,00*42
\$GPGBS,073218,000.8,003.8,001.9,12,0.05,0015.4,012.5*45
\$GPGGA,073219,3452.3640,N,07438.9495,W,2,7,0.3,9,M,,M,,*68
\$HEHDT,319.0,T*24

PORT 4 04-06-2014 07:33:10
\$GPGLL,3452.3640,N,07438.9495,W,073219,A*3E
\$GPRMC,073219,A,3452.3640,N,07438.9495,W,0.6,14.5,060414,11.9,w*78
\$GPVTG,14.5,T,26.4,M,0.6,N,1.1,K*48
\$HEHDT,319.7,T*23
\$GPZDA,073219,06,04,2014,00,00*43
\$GPGBS,073219,000.8,004.0,002.1,12,0.05,0016.4,012.5*43
\$GPGGA,073220,3452.3640,N,07438.9496,W,2,8,0.3,9,M,,M,,*6E
\$HEHDT,320.2,T*2C
\$GPGLL,3452.3640,N,07438.9496,W,073220,A*37
\$GPRMC,073220,A,3452.3640,N,07438.9496,W,0.5,15.8,060414,11.9,w*7E
\$GPVTG,15.8,T,27.7,M,0.5,N,0.9,K*4C
\$GPZDA,073220,06,04,2014,00,00*49
\$GPGBS,073220,000.4,002.5,001.5,12,0.05,0016.0,012.5*45
\$HEHDT,320.1,T*2F
\$GPGGA,073221,3452.3640,N,07438.9497,W,2,8,0.3,9,M,,M,,*6E

PORT 12000 04-06-2014 07:33:10
\$PPWBA,d2pc15,192.168.2.151,Online
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PORT 4 04-06-2014 07:33:11
\$GPGLL,3452.3640,N,07438.9497,W,073221,A*37
\$GPRMC,073221,A,3452.3640,N,07438.9497,W,0.5,16.1,060414,11.9,w*74
\$HEHDT,320.7,T*29
\$GPVTG,16.1,T,28.0,M,0.5,N,0.9,K*4E
\$GPZDA,073221,06,04,2014,00,00*48
\$GPGBS,073221,001.4,003.7,000.4,12,0.05,0017.4,012.5*43
\$GPGGA,073222,3452.3640,N,07438.9500,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,320.1,T*2F

PORT 4 04-06-2014 07:33:12

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\$GPGLL,3452.3640,N,07438.9500,W,073222,A*3B
\$GPRMC,073222,A,3452.3640,N,07438.9500,W,0.5,13.0,060414,11.9,W*7C
\$HEHDT,320.0,T*2E
\$GPVTG,13.0,T,24.9,M,0.5,N,0.9,K*4F
\$GPZDA,073222,06,04,2014,00,00*4B
\$GPGBS,073222,,,,,,,,*47
\$GPGGA,073223,3452.3643,N,07438.9495,W,2,8,0.3,9,M,,M,,*6D
\$HEHDT,319.5,T*21

#

PORT 4 04-06-2014 07:33:14

\$GPGLL,3452.3643,N,07438.9495,W,073223,A*34
\$GPRMC,073223,A,3452.3643,N,07438.9495,W,0.5,13.0,060414,11.9,W*73
\$GPVTG,13.0,T,24.9,M,0.5,N,0.9,K*4F
\$HEHDT,319.5,T*21
\$GPZDA,073223,06,04,2014,00,00*4A
\$GPGBS,073223,001.5,004.0,000.9,12,0.05,0031.5,012.5*48
\$GPGGA,073224,3452.3646,N,07438.9490,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,318.9,T*2C

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PORT 4 04-06-2014 07:33:15

\$GPGLL,3452.3646,N,07438.9490,W,073224,A*33
\$GPRMC,073224,A,3452.3646,N,07438.9490,W,0.6,13.2,060414,11.9,W*75
\$GPVTG,13.2,T,25.1,M,0.6,N,1.1,K*4E
\$GPZDA,073224,06,04,2014,00,00*4D
\$HEHDT,318.7,T*22
\$GPGBS,073224,001.0,004.9,002.5,12,0.05,0031.3,012.5*4B
\$GPGGA,073225,3452.3647,N,07438.9489,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,318.9,T*2C

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PORT 4 04-06-2014 07:33:16

\$GPGLL,3452.3647,N,07438.9489,W,073225,A*3B
\$GPRMC,073225,A,3452.3647,N,07438.9489,W,0.7,17.6,060414,11.9,W*7C
\$GPVTG,17.6,T,29.5,M,0.7,N,1.3,K*45
\$GPZDA,073225,06,04,2014,00,00*4C
\$GPGBS,073225,,,,,,,,*40
\$GPGGA,073226,3452.3647,N,07438.9490,W,2,7,0.3,9,M,,M,,*66
\$HEHDT,319.2,T*26

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PORT 4 04-06-2014 07:33:17

\$HEHDT,320.0,T*2E
\$GPGLL,3452.3647,N,07438.9490,W,073226,A*30
\$GPRMC,073226,A,3452.3647,N,07438.9490,W,0.6,18.4,060414,11.9,W*7B
\$GPVTG,18.4,T,30.3,M,0.6,N,1.1,K*45
\$GPZDA,073226,06,04,2014,00,00*4F
\$GPGBS,073226,,,,,,,,*43
\$HEHDT,319.7,T*23
\$GPGGA,073227,3452.3647,N,07438.9488,W,2,7,0.3,9,M,,M,,*6E

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PORT 4 04-06-2014 07:33:18

\$GPGLL,3452.3647,N,07438.9488,W,073227,A*38
\$GPRMC,073227,A,3452.3647,N,07438.9488,W,0.6,18.4,060414,11.9,W*73
\$HEHDT,319.7,T*23
\$GPVTG,18.4,T,30.3,M,0.6,N,1.1,K*45
\$GPZDA,073227,06,04,2014,00,00*4E
\$GPGBS,073227,001.4,003.6,000.4,12,0.05,0016.8,012.5*49
\$GPGGA,073228,3452.3647,N,07438.9490,W,2,8,0.3,9,M,,M,,*67
\$HEHDT,320.0,T*2E

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PORT 5 04-06-2014 07:33:19

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PORT 4 04-06-2014 07:33:19

\$GPGLL,3452.3647,N,07438.9490,W,073228,A*3E

S01_C04_survey.Log

\$GPRMC,073228,A,3452.3647,N,07438.9490,W,0.5,19.4,060414,11.9,w*77
\$HEHDT,319.7,T*23
\$GPVTG,19.4,T,31.3,M,0.5,N,0.9,K*4F
\$GPZDA,073228,06,04,2014,00,00*41
\$GPGBS,073228,,,,,,,,*4D
\$GPGGA,073229,3452.3649,N,07438.9488,W,2,8,0.3,9,M,,M,,*61
\$HEHDT,320.1,T*2F
\$GPGLL,3452.3649,N,07438.9488,W,073229,A*38
\$GPRMC,073229,A,3452.3649,N,07438.9488,W,0.5,19.4,060414,11.9,w*71
\$GPVTG,19.4,T,31.3,M,0.5,N,0.9,K*4F
\$GPZDA,073229,06,04,2014,00,00*40
\$HEHDT,319.6,T*22
\$GPGBS,073229,000.7,003.4,001.8,12,0.05,0013.8,012.5*4F
\$GPGGA,073230,3452.3648,N,07438.9489,W,2,8,0.3,9,M,,M,,*69
PORT 12000 04-06-2014 07:33:19
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:33:21
\$HEHDT,319.5,T*21
\$GPGLL,3452.3648,N,07438.9489,W,073230,A*30
\$GPRMC,073230,A,3452.3648,N,07438.9489,W,0.5,21.4,060414,11.9,w*72
\$GPVTG,21.4,T,33.3,M,0.5,N,0.9,K*46
\$GPZDA,073230,06,04,2014,00,00*48
\$HEHDT,319.4,T*20
\$GPGBS,073230,,,,,,,,*44
\$GPGGA,073231,3452.3650,N,07438.9487,W,2,8,0.3,9,M,,M,,*6F

PORT 4 04-06-2014 07:33:22
\$GPGLL,3452.3650,N,07438.9487,W,073231,A*36
\$HEHDT,319.2,T*26
\$GPRMC,073231,A,3452.3650,N,07438.9487,W,0.5,21.4,060414,11.9,w*74
\$GPVTG,21.4,T,33.3,M,0.5,N,0.9,K*46
\$GPZDA,073231,06,04,2014,00,00*49
\$GPGBS,073231,000.9,004.4,002.3,12,0.05,0018.1,012.5*45
\$GPGGA,073232,3452.3649,N,07438.9489,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,319.7,T*23

PORT 5 04-06-2014 07:33:23
04181 mS
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PORT 4 04-06-2014 07:33:23
\$GPGLL,3452.3649,N,07438.9489,W,073232,A*33
\$HEHDT,319.7,T*23
\$GPRMC,073232,A,3452.3649,N,07438.9489,W,0.4,22.0,060414,11.9,w*77
\$GPVTG,22.0,T,33.9,M,0.4,N,0.7,K*44
\$GPZDA,073232,06,04,2014,00,00*4A
\$GPGBS,073232,,,,,,,,*46
\$GPGGA,073233,3452.3651,N,07438.9489,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,320.3,T*2D

PORT 4 04-06-2014 07:33:24
\$GPGLL,3452.3651,N,07438.9489,W,073233,A*3B
\$GPRMC,073233,A,3452.3651,N,07438.9489,W,0.4,22.3,060414,11.9,w*7C
\$HEHDT,319.2,T*26
\$GPVTG,22.3,T,34.2,M,0.4,N,0.7,K*4B
\$GPZDA,073233,06,04,2014,00,00*4B
\$GPGBS,073233,,,,,,,,*47
\$GPGGA,073234,3452.3653,N,07438.9489,W,2,7,0.3,9,M,,M,,*68
\$HEHDT,319.7,T*23
\$GPGLL,3452.3653,N,07438.9489,W,073234,A*3E
\$GPRMC,073234,A,3452.3653,N,07438.9489,W,0.4,22.3,060414,11.9,w*79
\$GPVTG,22.3,T,34.2,M,0.4,N,0.7,K*4B
\$GPZDA,073234,06,04,2014,00,00*4C

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\$HEHDT,319.6,T*22
\$GPGBS,073234,,,,,,,,*40
\$GPGGA,073235,3452.3652,N,07438.9490,w,2,7,0.3,9,M,,M,,*60

PORT 4 04-06-2014 07:33:25
\$HEHDT,319.4,T*20
\$GPGLL,3452.3652,N,07438.9490,w,073235,A*36
\$GPRMC,073235,A,3452.3652,N,07438.9490,w,0.4,22.8,060414,11.9,w*7A
\$GPVTG,22.8,T,34.7,M,0.4,N,0.7,K*45
\$GPZDA,073235,06,04,2014,00,00*4D
\$GPGBS,073235,,,,,,,,*41
\$HEHDT,319.2,T*26
\$GPGGA,073236,3452.3653,N,07438.9492,w,2,7,0.3,9,M,,M,,*60

PORT 4 04-06-2014 07:33:26
\$HEHDT,319.9,T*2D
\$GPGLL,3452.3653,N,07438.9492,w,073236,A*36
\$GPRMC,073236,A,3452.3653,N,07438.9492,w,0.3,22.9,060414,11.9,w*7C
\$GPVTG,22.9,T,34.8,M,0.3,N,0.6,K*4D
\$GPZDA,073236,06,04,2014,00,00*4E
\$GPGBS,073236,,,,,,,,*42
\$GPGGA,073237,3452.3654,N,07438.9489,w,2,7,0.3,9,M,,M,,*6C
\$HEHDT,319.6,T*22

PORT 4 04-06-2014 07:33:27
\$GPGLL,3452.3654,N,07438.9489,w,073237,A*3A
\$HEHDT,319.9,T*2D
\$GPRMC,073237,A,3452.3654,N,07438.9489,w,0.4,24.5,060414,11.9,w*7D
\$GPVTG,24.5,T,36.4,M,0.4,N,0.7,K*4F
\$GPZDA,073237,06,04,2014,00,00*4F
\$GPGBS,073237,,,,,,,,*43
\$GPGGA,073238,3452.3657,N,07438.9486,w,2,8,0.3,9,M,,M,,*60
\$HEHDT,319.3,T*27

PORT 4 04-06-2014 07:33:28
\$GPGLL,3452.3657,N,07438.9486,w,073238,A*39
\$GPRMC,073238,A,3452.3657,N,07438.9486,w,0.4,24.5,060414,11.9,w*7E
\$HEHDT,319.4,T*20
\$GPVTG,24.5,T,36.4,M,0.4,N,0.7,K*4F
\$GPZDA,073238,06,04,2014,00,00*40
\$GPGBS,073238,,,,,,,,*4C
\$GPGGA,073239,3452.3658,N,07438.9485,w,2,8,0.3,9,M,,M,,*6D

PORT 4 04-06-2014 07:33:30
\$HEHDT,319.8,T*2C
\$GPGLL,3452.3658,N,07438.9485,w,073239,A*34
\$GPRMC,073239,A,3452.3658,N,07438.9485,w,0.6,28.2,060414,11.9,w*7A
\$HEHDT,319.4,T*20
\$GPVTG,28.2,T,40.1,M,0.6,N,1.1,K*45
\$GPZDA,073239,06,04,2014,00,00*41
\$GPGBS,073239,,,,,,,,*4D
\$GPGGA,073240,3452.3658,N,07438.9485,w,2,7,0.3,9,M,,M,,*6C
\$HEHDT,320.0,T*2E
PORT 12000 04-06-2014 07:33:30
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:33:31
\$GPGLL,3452.3658,N,07438.9485,w,073240,A*3A
\$GPRMC,073240,A,3452.3658,N,07438.9485,w,0.6,29.8,060414,11.9,w*7F
\$GPVTG,29.8,T,41.7,M,0.6,N,1.1,K*49
\$GPZDA,073240,06,04,2014,00,00*4F
\$HEHDT,319.8,T*2C
\$GPGBS,073240,000.8,001.9,000.2,12,0.05,0013.8,012.5*4B

S01_C04_survey.Log

\$GPGGA,073241,3452.3656,N,07438.9489,W,2,7,0.3,9,M,,M,,*6F
\$HEHDT,319.7,T*23

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PORT 4 04-06-2014 07:33:32

\$GPGLL,3452.3656,N,07438.9489,W,073241,A*39
\$GPRMC,073241,A,3452.3656,N,07438.9489,W,0.6,24.3,060414,11.9,W*7A
\$GPVTG,24.3,T,36.2,M,0.6,N,1.1,K*4A
\$GPZDA,073241,06,04,2014,00,00*4E
\$GPGBS,073241,,,,,,,,*42
\$GPGGA,073242,3452.3657,N,07438.9489,W,2,7,0.3,9,M,,M,,*6D
\$HEHDT,319.9,T*2D

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PORT 4 04-06-2014 07:33:33

\$GPGLL,3452.3657,N,07438.9489,W,073242,A*3B
\$HEHDT,320.0,T*2E
\$GPRMC,073242,A,3452.3657,N,07438.9489,W,0.6,24.3,060414,11.9,W*78
\$GPVTG,24.3,T,36.2,M,0.6,N,1.1,K*4A
\$GPZDA,073242,06,04,2014,00,00*4D
\$GPGBS,073242,,,,,,,,*41
\$GPGGA,073243,3452.3660,N,07438.9487,W,2,7,0.3,9,M,,M,,*66
\$HEHDT,319.7,T*23
\$GPGLL,3452.3660,N,07438.9487,W,073243,A*30
\$GPRMC,073243,A,3452.3660,N,07438.9487,W,0.5,22.9,060414,11.9,W*7C
\$HEHDT,319.8,T*2C
\$GPVTG,22.9,T,34.8,M,0.5,N,0.9,K*44
\$GPZDA,073243,06,04,2014,00,00*4C
\$GPGBS,073243,,,,,,,,*40
\$GPGGA,073244,3452.3661,N,07438.9486,W,2,7,0.3,9,M,,M,,*61
\$HEHDT,319.5,T*21

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PORT 4 04-06-2014 07:33:34

\$GPGLL,3452.3661,N,07438.9486,W,073244,A*37
\$GPRMC,073244,A,3452.3661,N,07438.9486,W,0.7,17.8,060414,11.9,W*7E
\$GPVTG,17.8,T,29.7,M,0.7,N,1.3,K*49
\$HEHDT,319.7,T*23
\$GPZDA,073244,06,04,2014,00,00*4B
\$GPGBS,073244,,,,,,,,*47
\$GPGGA,073245,3452.3662,N,07438.9485,W,2,7,0.3,9,M,,M,,*60
\$HEHDT,318.9,T*2C

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PORT 4 04-06-2014 07:33:36

\$GPGLL,3452.3662,N,07438.9485,W,073245,A*36
\$GPRMC,073245,A,3452.3662,N,07438.9485,W,0.7,17.8,060414,11.9,W*7F
\$GPVTG,17.8,T,29.7,M,0.7,N,1.3,K*49
\$HEHDT,319.5,T*21
\$GPZDA,073245,06,04,2014,00,00*4A
\$GPGBS,073245,,,,,,,,*46
\$GPGGA,073246,3452.3662,N,07438.9484,W,2,7,0.3,9,M,,M,,*62

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PORT 4 04-06-2014 07:33:37

\$HEHDT,319.4,T*20
\$GPGLL,3452.3662,N,07438.9484,W,073246,A*34
\$GPRMC,073246,A,3452.3662,N,07438.9484,W,0.6,17.7,060414,11.9,W*73
\$GPVTG,17.7,T,29.6,M,0.6,N,1.1,K*44
\$GPZDA,073246,06,04,2014,00,00*49
\$GPGBS,073246,000.7,003.2,001.7,12,0.05,0013.1,012.5*46
\$HEHDT,319.3,T*27
\$GPGGA,073247,3452.3662,N,07438.9485,W,2,7,0.3,9,M,,M,,*62

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PORT 4 04-06-2014 07:33:38

\$GPGLL,3452.3662,N,07438.9485,W,073247,A*34
\$HEHDT,318.8,T*2D
\$GPRMC,073247,A,3452.3662,N,07438.9485,W,0.5,17.6,060414,11.9,W*71

S01_C04_survey.Log

\$GPVTG,17.6,T,29.5,M,0.5,N,0.9,K*4C
\$GPZDA,073247,06,04,2014,00,00*48
\$GPGBS,073247,,,,,,*44
\$GPGGA,073248,3452.3664,N,07438.9483,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,319.0,T*24

PORT 4 04-06-2014 07:33:39
\$GPGLL,3452.3664,N,07438.9483,W,073248,A*3B
\$GPRMC,073248,A,3452.3664,N,07438.9483,W,0.5,17.2,060414,11.9,W*7A
\$HEHDT,318.9,T*2C
\$GPVTG,17.2,T,29.1,M,0.5,N,0.9,K*4C
\$GPZDA,073248,06,04,2014,00,00*47
\$GPGBS,073248,,,,,,*4B
\$GPGGA,073249,3452.3665,N,07438.9483,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,319.7,T*23

PORT 4 04-06-2014 07:33:40
\$GPGLL,3452.3665,N,07438.9483,W,073249,A*3B
\$GPRMC,073249,A,3452.3665,N,07438.9483,W,0.4,16.8,060414,11.9,W*70
\$HEHDT,319.0,T*24
\$GPVTG,16.8,T,28.7,M,0.4,N,0.7,K*4F
\$GPZDA,073249,06,04,2014,00,00*46
\$GPGBS,073249,,,,,,*4A
\$GPGGA,073250,3452.3667,N,07438.9479,W,2,7,0.3,9,M,,M,,*62
\$HEHDT,319.4,T*20
PORT 12000 04-06-2014 07:33:40
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:33:41
\$GPGLL,3452.3667,N,07438.9479,W,073250,A*34
\$GPRMC,073250,A,3452.3667,N,07438.9479,W,0.4,15.9,060414,11.9,W*7D
\$HEHDT,318.9,T*2C
\$GPVTG,15.9,T,27.8,M,0.4,N,0.7,K*4D
\$GPZDA,073250,06,04,2014,00,00*4E
\$GPGBS,073250,001.2,006.1,003.2,12,0.05,0038.9,012.5*45
\$GPGGA,073251,3452.3669,N,07438.9473,W,2,7,0.3,9,M,,M,,*67
\$HEHDT,319.2,T*26

PORT 4 04-06-2014 07:33:42
\$GPGLL,3452.3669,N,07438.9473,W,073251,A*31
\$GPRMC,073251,A,3452.3669,N,07438.9473,W,0.4,15.1,060414,11.9,W*70
\$GPVTG,15.1,T,27.0,M,0.4,N,0.7,K*4D
\$GPZDA,073251,06,04,2014,00,00*4F
\$GPGBS,073251,001.9,009.3,004.9,12,0.05,0038.4,012.5*43
\$HEHDT,318.7,T*22
\$GPGGA,073252,3452.3671,N,07438.9471,W,2,8,0.3,9,M,,M,,*60

PORT 4 04-06-2014 07:33:43
\$HEHDT,318.8,T*2D
\$GPGLL,3452.3671,N,07438.9471,W,073252,A*39
\$GPRMC,073252,A,3452.3671,N,07438.9471,W,0.5,15.3,060414,11.9,W*7B
\$GPVTG,15.3,T,27.2,M,0.5,N,0.9,K*42
\$GPZDA,073252,06,04,2014,00,00*4C
\$GPGBS,073252,,,,,,*40
\$GPGGA,073253,3452.3672,N,07438.9470,W,2,8,0.3,9,M,,M,,*63
\$HEHDT,318.4,T*21

PORT 4 04-06-2014 07:33:44
\$HEHDT,318.9,T*2C
\$GPGLL,3452.3672,N,07438.9470,W,073253,A*3A
\$GPRMC,073253,A,3452.3672,N,07438.9470,W,0.5,17.6,060414,11.9,W*7F
\$GPVTG,17.6,T,29.5,M,0.5,N,0.9,K*4C
\$GPZDA,073253,06,04,2014,00,00*4D

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\$GPGBS,073253,,,,,,,,*41
\$GPGGA,073254,3452.3676,N,07438.9468,W,2,7,0.3,9,M,,M,,*66
\$HEHDT,319.0,T*24

PORT 4 04-06-2014 07:33:45
\$GPGLL,3452.3676,N,07438.9468,W,073254,A*30
\$HEHDT,319.4,T*20
\$GPRMC,073254,A,3452.3676,N,07438.9468,W,0.6,19.9,060414,11.9,W*77
\$GPVTG,19.9,T,31.8,M,0.6,N,1.1,K*43
\$GPZDA,073254,06,04,2014,00,00*4A
\$GPGBS,073254,003.3,005.5,000.0,12,0.05,0023.5,012.5*42
\$GPGGA,073255,3452.3678,N,07438.9465,W,2,7,0.3,9,M,,M,,*64
\$HEHDT,319.8,T*2C

PORT 4 04-06-2014 07:33:46
\$GPGLL,3452.3678,N,07438.9465,W,073255,A*32
\$GPRMC,073255,A,3452.3678,N,07438.9465,W,0.6,20.5,060414,11.9,W*73
\$HEHDT,319.4,T*20
\$GPVTG,20.5,T,32.4,M,0.6,N,1.1,K*4A
\$GPZDA,073255,06,04,2014,00,00*4B
\$GPGBS,073255,002.7,007.1,001.7,12,0.05,0035.4,012.5*40
\$GPGGA,073256,3452.3676,N,07438.9467,W,2,8,0.3,9,M,,M,,*64
\$HEHDT,319.9,T*2D
\$GPGLL,3452.3676,N,07438.9467,W,073256,A*3D
\$GPRMC,073256,A,3452.3676,N,07438.9467,W,0.5,20.6,060414,11.9,W*7C
\$GPVTG,20.6,T,32.5,M,0.5,N,0.9,K*42
\$GPZDA,073256,06,04,2014,00,00*48
\$GPGBS,073256,000.7,001.7,000.2,12,0.05,0011.8,012.5*4F
\$HEHDT,319.5,T*21
\$GPGGA,073257,3452.3674,N,07438.9471,W,2,8,0.3,9,M,,M,,*60

PORT 4 04-06-2014 07:33:47
\$HEHDT,319.7,T*23
\$GPGLL,3452.3674,N,07438.9471,W,073257,A*39
\$GPRMC,073257,A,3452.3674,N,07438.9471,W,0.5,18.6,060414,11.9,W*73
\$GPVTG,18.6,T,30.5,M,0.5,N,0.9,K*4B
\$GPZDA,073257,06,04,2014,00,00*49
\$GPGBS,073257,,,,,,,,*45
\$GPGGA,073258,3452.3676,N,07438.9471,W,2,7,0.3,9,M,,M,,*62
\$HEHDT,319.6,T*22

PORT 4 04-06-2014 07:33:48
\$GPGLL,3452.3676,N,07438.9471,W,073258,A*34
\$HEHDT,319.8,T*2C
\$GPRMC,073258,A,3452.3676,N,07438.9471,W,0.5,15.0,060414,11.9,W*75
\$GPVTG,15.0,T,26.9,M,0.5,N,0.9,K*4B
\$GPZDA,073258,06,04,2014,00,00*46
\$GPGBS,073258,,,,,,,,*4A
\$GPGGA,073259,3452.3678,N,07438.9471,W,2,7,0.3,9,M,,M,,*6D
\$HEHDT,319.6,T*22

PORT 4 04-06-2014 07:33:49
\$GPGLL,3452.3678,N,07438.9471,W,073259,A*3B
\$GPRMC,073259,A,3452.3678,N,07438.9471,W,0.5,12.2,060414,11.9,W*7F
\$HEHDT,319.6,T*22
\$GPVTG,12.2,T,24.1,M,0.5,N,0.9,K*44
\$GPZDA,073259,06,04,2014,00,00*47
\$GPGBS,073259,,,,,,,,*4B
\$GPGGA,073300,3452.3680,N,07438.9467,W,2,7,0.3,9,M,,M,,*60
\$HEHDT,318.7,T*22
PORT 12000 04-06-2014 07:33:49
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PORT 4 04-06-2014 07:33:51

\$GPGLL,3452.3680,N,07438.9467,W,073300,A*36
\$HEHDT,318.9,T*2C
\$GPRMC,073300,A,3452.3680,N,07438.9467,W,0.6,9.0,060414,11.9,w*49
\$GPVTG,9.0,T,20.9,M,0.6,N,1.1,K*7A
\$GPZDA,073300,06,04,2014,00,00*4A
\$GPGBS,073300,,,,,,,,*46
\$GPGGA,073301,3452.3683,N,07438.9463,W,2,7,0.3,9,M,,M,,*66
\$HEHDT,318.4,T*21
\$GPGLL,3452.3683,N,07438.9463,W,073301,A*30
\$GPRMC,073301,A,3452.3683,N,07438.9463,W,0.8,12.0,060414,11.9,w*7B
\$GPVTG,12.0,T,23.9,M,0.8,N,1.5,K*49
\$GPZDA,073301,06,04,2014,00,00*4B
\$HEHDT,318.9,T*2C
\$GPGBS,073301,000.5,002.7,001.6,12,0.05,0010.8,012.5*49
\$GPGGA,073302,3452.3682,N,07438.9464,W,2,8,0.3,9,M,,M,,*6C

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PORT 4 04-06-2014 07:33:52

\$HEHDT,319.2,T*26
\$GPGLL,3452.3682,N,07438.9464,W,073302,A*35
\$GPRMC,073302,A,3452.3682,N,07438.9464,W,0.9,15.8,060414,11.9,w*70
\$GPVTG,15.8,T,27.7,M,0.9,N,1.7,K*4F
\$GPZDA,073302,06,04,2014,00,00*48
\$HEHDT,319.6,T*22
\$GPGBS,073302,,,,,,,,*44
\$GPGGA,073303,3452.3683,N,07438.9465,W,2,8,0.3,9,M,,M,,*6D

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PORT 4 04-06-2014 07:33:53

\$HEHDT,320.3,T*2D
\$GPGLL,3452.3683,N,07438.9465,W,073303,A*34
\$GPRMC,073303,A,3452.3683,N,07438.9465,W,0.8,16.4,060414,11.9,w*7F
\$GPVTG,16.4,T,28.3,M,0.8,N,1.5,K*48
\$GPZDA,073303,06,04,2014,00,00*49
\$GPGBS,073303,000.8,004.3,002.7,12,0.05,0017.9,012.5*40
\$HEHDT,319.9,T*2D
\$GPGGA,073304,3452.3683,N,07438.9464,W,2,8,0.3,9,M,,M,,*6B

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PORT 4 04-06-2014 07:33:54

\$GPGLL,3452.3683,N,07438.9464,W,073304,A*32
\$HEHDT,319.5,T*21
\$GPRMC,073304,A,3452.3683,N,07438.9464,W,0.8,14.6,060414,11.9,w*79
\$GPVTG,14.6,T,26.5,M,0.8,N,1.5,K*40
\$GPZDA,073304,06,04,2014,00,00*4E
\$GPGBS,073304,002.1,005.0,000.7,12,0.05,0023.8,012.5*4A
\$GPGGA,073305,3452.3682,N,07438.9465,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,319.3,T*27

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PORT 4 04-06-2014 07:33:55

\$GPGLL,3452.3682,N,07438.9465,W,073305,A*33
\$GPRMC,073305,A,3452.3682,N,07438.9465,W,0.7,12.5,060414,11.9,w*72
\$HEHDT,319.0,T*24
\$GPVTG,12.5,T,24.4,M,0.7,N,1.3,K*4F
\$GPZDA,073305,06,04,2014,00,00*4F
\$GPGBS,073305,,,,,,,,*43
\$GPGGA,073306,3452.3683,N,07438.9463,W,2,7,0.3,9,M,,M,,*61
\$HEHDT,318.7,T*22

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PORT 4 04-06-2014 07:33:57

\$GPGLL,3452.3683,N,07438.9463,W,073306,A*37
\$GPRMC,073306,A,3452.3683,N,07438.9463,W,0.6,11.7,060414,11.9,w*76
\$HEHDT,318.7,T*22
\$GPVTG,11.7,T,23.6,M,0.6,N,1.1,K*48
\$GPZDA,073306,06,04,2014,00,00*4C

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\$GPGBS,073306,001.7,004.2,000.6,12,0.05,0031.4,012.5*40
\$GPGGA,073307,3452.3687,N,07438.9461,W,2,7,0.3,9,M,,M,,*66
\$HEHDT,319.0,T*24

PORT 4 04-06-2014 07:33:58
\$GPGLL,3452.3687,N,07438.9461,W,073307,A*30
\$GPRMC,073307,A,3452.3687,N,07438.9461,W,0.6,10.9,060414,11.9,W*7E
\$HEHDT,319.4,T*20
\$GPVTG,10.9,T,22.8,M,0.6,N,1.1,K*48
\$GPZDA,073307,06,04,2014,00,00*4D
\$GPGBS,073307,002.4,006.0,000.7,12,0.05,0028.5,012.5*49
\$GPGGA,073308,3452.3690,N,07438.9460,W,2,8,0.3,9,M,,M,,*61
\$HEHDT,319.5,T*21

PORT 4 04-06-2014 07:33:59
\$GPGLL,3452.3690,N,07438.9460,W,073308,A*38
\$GPRMC,073308,A,3452.3690,N,07438.9460,W,0.6,8.9,060414,11.9,W*4F
\$GPVTG,8.9,T,20.8,M,0.6,N,1.1,K*73
\$GPZDA,073308,06,04,2014,00,00*42
\$HEHDT,319.5,T*21
\$GPGBS,073308,001.6,003.8,000.5,12,0.05,0028.8,012.5*45
\$GPGGA,073309,3452.3694,N,07438.9458,W,2,8,0.3,9,M,,M,,*6F

PORT 4 04-06-2014 07:34:00
\$HEHDT,318.5,T*20
\$GPGLL,3452.3694,N,07438.9458,W,073309,A*36
\$GPRMC,073309,A,3452.3694,N,07438.9458,W,0.7,6.6,060414,11.9,W*41
\$GPVTG,6.6,T,18.5,M,0.7,N,1.3,K*77
\$GPZDA,073309,06,04,2014,00,00*43
\$GPGBS,073309,001.4,003.5,000.9,12,0.05,0027.4,012.5*44
\$HEHDT,318.0,T*25
\$GPGGA,073310,3452.3694,N,07438.9454,W,2,8,0.3,9,M,,M,,*6B
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PORT 4 04-06-2014 07:34:01
\$GPGLL,3452.3694,N,07438.9454,W,073310,A*32
\$HEHDT,317.4,T*2E
\$GPRMC,073310,A,3452.3694,N,07438.9454,W,0.8,6.2,060414,11.9,W*4E
\$GPVTG,6.2,T,18.1,M,0.8,N,1.5,K*7E
\$GPZDA,073310,06,04,2014,00,00*4B
\$GPGBS,073310,001.3,006.4,003.4,12,0.05,0026.0,012.5*44
\$GPGGA,073311,3452.3698,N,07438.9452,W,2,8,0.3,9,M,,M,,*60
\$HEHDT,317.1,T*2B

PORT 4 04-06-2014 07:34:02
\$GPGLL,3452.3698,N,07438.9452,W,073311,A*39
\$GPRMC,073311,A,3452.3698,N,07438.9452,W,0.8,6.8,060414,11.9,W*4F
\$HEHDT,316.8,T*23
\$GPVTG,6.8,T,18.7,M,0.8,N,1.5,K*72
\$GPZDA,073311,06,04,2014,00,00*4A
\$GPGBS,073311,002.1,005.2,000.6,12,0.05,0024.3,012.5*41
\$GPGGA,073312,3452.3698,N,07438.9454,W,2,8,0.3,9,M,,M,,*65
\$HEHDT,317.0,T*2A
\$GPGLL,3452.3698,N,07438.9454,W,073312,A*3C
\$GPRMC,073312,A,3452.3698,N,07438.9454,W,0.7,7.6,060414,11.9,W*4A
\$GPVTG,7.6,T,19.5,M,0.7,N,1.3,K*77
\$GPZDA,073312,06,04,2014,00,00*49
\$HEHDT,317.0,T*2A
\$GPGBS,073312,,,,,,*45
\$GPGGA,073313,3452.3701,N,07438.9457,W,2,8,0.3,9,M,,M,,*66

PORT 4 04-06-2014 07:34:03

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\$HEHDT,317.0,T*2A
\$GPGLL,3452.3701,N,07438.9457,W,073313,A*3F
\$GPRMC,073313,A,3452.3701,N,07438.9457,W,0.8,7.9,060414,11.9,W*49
\$GPVTG,7.9,T,19.8,M,0.8,N,1.5,K*7C
\$GPZDA,073313,06,04,2014,00,00*48
\$GPGBS,073313,,,,,,,,*44
\$HEHDT,316.7,T*2C
\$GPGBA,073314,3452.3700,N,07438.9460,W,2,7,0.3,9,M,,M,,*6B

PORT 4 04-06-2014 07:34:04
\$HEHDT,316.6,T*2D
\$GPGLL,3452.3700,N,07438.9460,W,073314,A*3D
\$GPRMC,073314,A,3452.3700,N,07438.9460,W,0.8,7.1,060414,11.9,W*43
\$GPVTG,7.1,T,19.0,M,0.8,N,1.5,K*7C
\$GPZDA,073314,06,04,2014,00,00*4F
\$GPGBS,073314,,,,,,,,*43
\$HEHDT,316.0,T*2B
\$GPGBA,073315,3452.3703,N,07438.9459,W,2,7,0.3,9,M,,M,,*63

PORT 4 04-06-2014 07:34:06
\$GPGLL,3452.3703,N,07438.9459,W,073315,A*35
\$HEHDT,316.4,T*2F
\$GPRMC,073315,A,3452.3703,N,07438.9459,W,0.7,6.4,060414,11.9,W*40
\$GPVTG,6.4,T,18.3,M,0.7,N,1.3,K*73
\$GPZDA,073315,06,04,2014,00,00*4E
\$GPGBS,073315,001.3,003.3,000.4,12,0.05,0015.3,012.5*43
\$GPGBA,073316,3452.3705,N,07438.9460,W,2,8,0.3,9,M,,M,,*63
\$HEHDT,315.8,T*20

PORT 4 04-06-2014 07:34:07
\$GPGLL,3452.3705,N,07438.9460,W,073316,A*3A
\$GPRMC,073316,A,3452.3705,N,07438.9460,W,0.6,5.7,060414,11.9,W*4E
\$HEHDT,316.2,T*29
\$GPVTG,5.7,T,17.6,M,0.6,N,1.1,K*7A
\$GPZDA,073316,06,04,2014,00,00*4D
\$GPGBS,073316,001.0,004.4,002.4,12,0.05,0017.2,012.5*42
\$GPGBA,073317,3452.3708,N,07438.9460,W,2,8,0.3,9,M,,M,,*6F
\$HEHDT,315.6,T*2E

PORT 4 04-06-2014 07:34:08
\$GPGLL,3452.3708,N,07438.9460,W,073317,A*36
\$GPRMC,073317,A,3452.3708,N,07438.9460,W,0.6,3.9,060414,11.9,W*4A
\$GPVTG,3.9,T,15.8,M,0.6,N,1.1,K*7E
\$HEHDT,315.8,T*20
\$GPZDA,073317,06,04,2014,00,00*4C
\$GPGBS,073317,001.2,005.7,003.0,12,0.05,0023.1,012.5*42
\$GPGBA,073318,3452.3709,N,07438.9464,W,2,8,0.3,9,M,,M,,*65
\$HEHDT,315.3,T*2B

PORT 4 04-06-2014 07:34:09
\$GPGLL,3452.3709,N,07438.9464,W,073318,A*3C
\$GPRMC,073318,A,3452.3709,N,07438.9464,W,0.8,359.3,060414,11.9,W*48
\$GPVTG,359.3,T,11.2,M,0.8,N,1.5,K*7C
\$GPZDA,073318,06,04,2014,00,00*43
\$HEHDT,315.0,T*28
\$GPGBS,073318,,,,,,,,*4F
\$GPGBA,073319,3452.3714,N,07438.9462,W,2,8,0.3,9,M,,M,,*6E
\$HEHDT,314.2,T*2B
\$GPGLL,3452.3714,N,07438.9462,W,073319,A*37
\$GPRMC,073319,A,3452.3714,N,07438.9462,W,0.8,354.8,060414,11.9,W*45
\$GPVTG,354.8,T,6.7,M,0.8,N,1.5,K*49
\$GPZDA,073319,06,04,2014,00,00*42
\$GPGBS,073319,001.3,006.8,004.3,12,0.05,0028.5,012.5*4A

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\$GPGGA,073320,3452.3716,N,07438.9464,W,2,8,0.3,9,M,,M,,*60
\$HEHDT,313.9,T*27
PORT 12000 04-06-2014 07:34:09
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:34:10
\$GPGLL,3452.3716,N,07438.9464,W,073320,A*39
\$HEHDT,312.5,T*2A
\$GPRMC,073320,A,3452.3716,N,07438.9464,W,0.9,352.1,060414,11.9,W*45
\$GPVTG,352.1,T,4.0,M,0.9,N,1.7,K*40
\$GPZDA,073320,06,04,2014,00,00*48
\$GPGBS,073320,,,,,,*44
\$GPGGA,073321,3452.3719,N,07438.9467,W,2,8,0.3,9,M,,M,,*6D
\$HEHDT,312.5,T*2A

PORT 4 04-06-2014 07:34:11
\$GPGLL,3452.3719,N,07438.9467,W,073321,A*34
\$HEHDT,312.3,T*2C
\$GPRMC,073321,A,3452.3719,N,07438.9467,W,1.0,351.0,060414,11.9,W*42
\$GPVTG,351.0,T,2.9,M,1.0,N,1.9,K*4B
\$GPZDA,073321,06,04,2014,00,00*49
\$GPGBS,073321,,,,,,*45
\$GPGGA,073322,3452.3723,N,07438.9466,W,2,7,0.3,9,M,,M,,*69
\$HEHDT,312.5,T*2A

PORT 4 04-06-2014 07:34:12
\$GPGLL,3452.3723,N,07438.9466,W,073322,A*3F
\$GPRMC,073322,A,3452.3723,N,07438.9466,W,1.0,350.7,060414,11.9,W*4F
\$GPVTG,350.7,T,2.6,M,1.0,N,1.9,K*42
\$HEHDT,313.1,T*2F
\$GPZDA,073322,06,04,2014,00,00*4A
\$GPGBS,073322,000.6,003.2,002.0,12,0.05,0020.6,012.5*47
\$GPGGA,073323,3452.3727,N,07438.9468,W,2,7,0.3,9,M,,M,,*62

PORT 4 04-06-2014 07:34:13
\$HEHDT,311.7,T*2B
\$GPGLL,3452.3727,N,07438.9468,W,073323,A*34
\$GPRMC,073323,A,3452.3727,N,07438.9468,W,1.0,350.5,060414,11.9,W*46
\$GPVTG,350.5,T,2.4,M,1.0,N,1.9,K*42
\$GPZDA,073323,06,04,2014,00,00*4B
\$HEHDT,311.9,T*25
\$GPGBS,073323,,,,,,*47
\$GPGGA,073324,3452.3729,N,07438.9471,W,2,7,0.3,9,M,,M,,*63

PORT 4 04-06-2014 07:34:14
\$HEHDT,311.9,T*25
\$GPGLL,3452.3729,N,07438.9471,W,073324,A*35
\$GPRMC,073324,A,3452.3729,N,07438.9471,W,1.1,350.4,060414,11.9,W*47
\$GPVTG,350.4,T,2.3,M,1.1,N,2.0,K*4F
\$GPZDA,073324,06,04,2014,00,00*4C
\$GPGBS,073324,,,,,,*40
\$HEHDT,311.3,T*2F
\$GPGGA,073325,3452.3730,N,07438.9472,W,2,7,0.3,9,M,,M,,*69

PORT 4 04-06-2014 07:34:16
\$GPGLL,3452.3730,N,07438.9472,W,073325,A*3F
\$HEHDT,311.2,T*2E
\$GPRMC,073325,A,3452.3730,N,07438.9472,W,1.0,350.4,060414,11.9,W*4C
\$GPVTG,350.4,T,2.3,M,1.0,N,1.9,K*44
\$GPZDA,073325,06,04,2014,00,00*4D
\$GPGBS,073325,001.3,003.2,000.8,12,0.05,0015.7,012.5*49
\$GPGGA,073326,3452.3732,N,07438.9478,W,2,8,0.3,9,M,,M,,*6D
\$HEHDT,310.9,T*24

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PORT 4 04-06-2014 07:34:17
\$GPGLL,3452.3732,N,07438.9478,W,073326,A*34
\$GPRMC,073326,A,3452.3732,N,07438.9478,W,1.0,349.2,060414,11.9,w*49
\$HEHDT,310.8,T*25
\$GPVTG,349.2,T,1.1,M,1.0,N,1.9,K*4B
\$GPZDA,073326,06,04,2014,00,00*4E
\$GPGBS,073326,,,,,,,,*42
\$GPGGA,073327,3452.3734,N,07438.9482,W,2,8,0.3,9,M,,M,,*6F
\$HEHDT,310.1,T*2C

PORT 4 04-06-2014 07:34:18
\$GPGLL,3452.3734,N,07438.9482,W,073327,A*36
\$GPRMC,073327,A,3452.3734,N,07438.9482,W,1.1,345.7,060414,11.9,w*43
\$GPVTG,345.7,T,357.6,M,1.1,N,2.0,K*4E
\$HEHDT,310.1,T*2C
\$GPZDA,073327,06,04,2014,00,00*4F
\$GPGBS,073327,,,,,,,,*43
\$GPGGA,073328,3452.3738,N,07438.9485,W,2,7,0.3,9,M,,M,,*64
\$HEHDT,310.3,T*2E

PORT 4 04-06-2014 07:34:19
\$GPGLL,3452.3738,N,07438.9485,W,073328,A*32
\$GPRMC,073328,A,3452.3738,N,07438.9485,W,1.1,342.2,060414,11.9,w*45
\$GPVTG,342.2,T,354.1,M,1.1,N,2.0,K*48
\$GPZDA,073328,06,04,2014,00,00*40
\$HEHDT,310.1,T*2C
\$GPGBS,073328,,,,,,,,*4C
\$GPGGA,073329,3452.3743,N,07438.9487,W,2,7,0.3,9,M,,M,,*6B
\$HEHDT,309.7,T*22
\$GPGLL,3452.3743,N,07438.9487,W,073329,A*3D
\$GPRMC,073329,A,3452.3743,N,07438.9487,W,1.2,340.0,060414,11.9,w*49
\$GPVTG,340.0,T,351.9,M,1.2,N,2.2,K*44
\$GPZDA,073329,06,04,2014,00,00*41
\$GPGBS,073329,,,,,,,,*4D
\$GPGGA,073330,3452.3747,N,07438.9490,W,2,7,0.3,9,M,,M,,*61
\$HEHDT,309.3,T*26

PORT 12000 04-06-2014 07:34:19
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:34:20
\$GPGLL,3452.3747,N,07438.9490,W,073330,A*37
\$HEHDT,308.9,T*2D
\$GPRMC,073330,A,3452.3747,N,07438.9490,W,1.2,338.9,060414,11.9,w*45
\$GPVTG,338.9,T,350.8,M,1.2,N,2.2,K*42
\$GPZDA,073330,06,04,2014,00,00*49
\$GPGBS,073330,,,,,,,,*45
\$GPGGA,073331,3452.3750,N,07438.9493,W,2,7,0.3,9,M,,M,,*65
\$HEHDT,308.3,T*27

PORT 4 04-06-2014 07:34:22
\$GPGLL,3452.3750,N,07438.9493,W,073331,A*33
\$HEHDT,308.7,T*23
\$GPRMC,073331,A,3452.3750,N,07438.9493,W,1.3,338.3,060414,11.9,w*4A
\$GPVTG,338.3,T,350.2,M,1.3,N,2.4,K*45
\$GPZDA,073331,06,04,2014,00,00*48
\$GPGBS,073331,,,,,,,,*44
\$GPGGA,073332,3452.3755,N,07438.9493,W,2,7,0.3,9,M,,M,,*63
\$HEHDT,307.9,T*22

PORT 4 04-06-2014 07:34:23
\$GPGLL,3452.3755,N,07438.9493,W,073332,A*35
\$GPRMC,073332,A,3452.3755,N,07438.9493,W,1.3,337.3,060414,11.9,w*43

S01_C04_survey.Log

\$GPVTG,337.3,T,349.2,M,1.3,N,2.4,K*42
 \$HEHDT,308.2,T*26
 \$GPZDA,073332,06,04,2014,00,00*4B
 \$GPGBS,073332,002.7,006.4,000.8,12,0.05,0048.8,012.5*4C
 \$GPGGA,073333,3452.3761,N,07438.9496,W,2,7,0.3,9,M,,M,,*60
 \$HEHDT,307.6,T*2D
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 PORT 4 04-06-2014 07:34:24
 \$GPGLL,3452.3761,N,07438.9496,W,073333,A*36
 \$GPRMC,073333,A,3452.3761,N,07438.9496,W,1.4,336.0,060414,11.9,w*45
 \$GPVTG,336.0,T,347.9,M,1.4,N,2.6,K*40
 \$GPZDA,073333,06,04,2014,00,00*4A
 \$HEHDT,306.7,T*2D
 \$GPGBS,073333,,,,,,,,*46
 \$GPGGA,073334,3452.3766,N,07438.9496,W,2,7,0.3,9,M,,M,,*60
 \$HEHDT,306.2,T*28
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 PORT 4 04-06-2014 07:34:25
 \$GPGLL,3452.3766,N,07438.9496,W,073334,A*36
 \$GPRMC,073334,A,3452.3766,N,07438.9496,W,1.5,336.5,060414,11.9,w*41
 \$GPVTG,336.5,T,348.4,M,1.5,N,2.8,K*48
 \$GPZDA,073334,06,04,2014,00,00*4D
 \$HEHDT,306.0,T*2A
 \$GPGBS,073334,,,,,,,,*41
 \$GPGGA,073335,3452.3770,N,07438.9493,W,2,7,0.3,8,M,,M,,*62
 \$HEHDT,305.6,T*2F
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 PORT 4 04-06-2014 07:34:26
 \$GPGLL,3452.3770,N,07438.9493,W,073335,A*35
 \$GPRMC,073335,A,3452.3770,N,07438.9493,W,1.6,338.3,060414,11.9,w*49
 \$GPVTG,338.3,T,350.2,M,1.6,N,3.0,K*45
 \$GPZDA,073335,06,04,2014,00,00*4C
 \$GPGBS,073335,001.7,007.9,004.3,12,0.05,0032.4,012.5*4A
 \$HEHDT,305.5,T*2C
 \$GPGGA,073336,3452.3770,N,07438.9496,W,2,8,0.3,8,M,,M,,*6B
 #
 PORT 4 04-06-2014 07:34:27
 \$GPGLL,3452.3770,N,07438.9496,W,073336,A*33
 \$HEHDT,305.2,T*2B
 \$GPRMC,073336,A,3452.3770,N,07438.9496,W,1.5,339.0,060414,11.9,w*4E
 \$GPVTG,339.0,T,350.9,M,1.5,N,2.8,K*46
 \$GPZDA,073336,06,04,2014,00,00*4F
 \$GPGBS,073336,000.8,004.4,002.8,12,0.05,0028.6,012.5*4D
 \$GPGGA,073337,3452.3773,N,07438.9500,W,2,8,0.3,8,M,,M,,*67
 \$HEHDT,305.1,T*28
 \$GPGLL,3452.3773,N,07438.9500,W,073337,A*3F
 \$GPRMC,073337,A,3452.3773,N,07438.9500,W,1.5,336.9,060414,11.9,w*44
 \$HEHDT,305.2,T*2B
 \$GPVTG,336.9,T,348.8,M,1.5,N,2.8,K*48
 \$GPZDA,073337,06,04,2014,00,00*4E
 \$GPGBS,073337,001.5,007.0,003.7,12,0.05,0028.5,012.5*4A
 \$GPGGA,073338,3452.3774,N,07438.9505,W,2,8,0.3,8,M,,M,,*6A
 #
 PORT 4 04-06-2014 07:34:28
 \$HEHDT,305.0,T*29
 \$GPGLL,3452.3774,N,07438.9505,W,073338,A*32
 \$GPRMC,073338,A,3452.3774,N,07438.9505,W,1.5,332.5,060414,11.9,w*41
 \$HEHDT,305.4,T*2D
 \$GPVTG,332.5,T,344.4,M,1.5,N,2.8,K*40
 \$GPZDA,073338,06,04,2014,00,00*41
 \$GPGBS,073338,,,,,,,,*4D
 \$GPGGA,073339,3452.3779,N,07438.9507,W,2,8,0.3,8,M,,M,,*64
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PORT 4 04-06-2014 07:34:29

\$HEHDT,305.2,T*2B
\$GPGLL,3452.3779,N,07438.9507,W,073339,A*3C
\$GPRMC,073339,A,3452.3779,N,07438.9507,W,1.5,328.6,060414,11.9,W*47
\$GPVTG,328.6,T,340.5,M,1.5,N,2.8,K*4D
\$GPZDA,073339,06,04,2014,00,00*40
\$HEHDT,305.1,T*28
\$GPGBS,073339,001.4,003.3,000.9,12,0.05,0016.5,012.5*42
\$GPGGA,073340,3452.3784,N,07438.9506,W,2,8,0.3,8,M,,M,,*69
PORT 12000 04-06-2014 07:34:29
\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:34:30

\$HEHDT,304.8,T*20
\$GPGLL,3452.3784,N,07438.9506,W,073340,A*31
\$GPRMC,073340,A,3452.3784,N,07438.9506,W,1.5,326.6,060414,11.9,W*44
\$GPVTG,326.6,T,338.5,M,1.5,N,2.8,K*4C
\$GPZDA,073340,06,04,2014,00,00*4E
\$GPGBS,073340,001.2,005.8,003.1,12,0.05,0036.7,012.5*4C
\$GPGGA,073341,3452.3792,N,07438.9510,W,2,8,0.3,8,M,,M,,*68
\$HEHDT,304.5,T*2D

#

PORT 4 04-06-2014 07:34:32

\$HEHDT,303.8,T*27
\$GPGLL,3452.3792,N,07438.9510,W,073341,A*30
\$GPRMC,073341,A,3452.3792,N,07438.9510,W,1.6,326.8,060414,11.9,W*48
\$GPVTG,326.8,T,338.7,M,1.6,N,3.0,K*4A
\$GPZDA,073341,06,04,2014,00,00*4F
\$GPGBS,073341,,,,,,*43
\$HEHDT,302.7,T*29
\$GPGGA,073342,3452.3799,N,07438.9506,W,2,7,0.3,8,M,,M,,*68

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PORT 4 04-06-2014 07:34:33

\$GPGLL,3452.3799,N,07438.9506,W,073342,A*3F
\$GPRMC,073342,A,3452.3799,N,07438.9506,W,1.7,328.8,060414,11.9,W*48
\$HEHDT,302.4,T*2A
\$GPVTG,328.8,T,340.7,M,1.7,N,3.1,K*4B
\$GPZDA,073342,06,04,2014,00,00*4C
\$GPGBS,073342,002.3,010.9,005.9,12,0.05,0044.7,012.5*42
\$GPGGA,073343,3452.3806,N,07438.9507,W,2,7,0.3,9,M,,M,,*60
\$HEHDT,302.2,T*2C

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PORT 4 04-06-2014 07:34:34

\$GPGLL,3452.3806,N,07438.9507,W,073343,A*36
\$GPRMC,073343,A,3452.3806,N,07438.9507,W,1.9,332.1,060414,11.9,W*4D
\$HEHDT,302.1,T*2F
\$GPVTG,332.1,T,344.0,M,1.9,N,3.5,K*40
\$GPZDA,073343,06,04,2014,00,00*4D
\$GPGBS,073343,001.1,005.1,002.8,12,0.05,0020.6,012.5*4B
\$GPGGA,073344,3452.3810,N,07438.9514,W,2,8,0.3,9,M,,M,,*6D
\$HEHDT,302.4,T*2A

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PORT 4 04-06-2014 07:34:35

\$GPGLL,3452.3810,N,07438.9514,W,073344,A*34
\$GPRMC,073344,A,3452.3810,N,07438.9514,W,2.0,334.4,060414,11.9,W*46
\$GPVTG,334.4,T,346.3,M,2.0,N,3.7,K*4A
\$GPZDA,073344,06,04,2014,00,00*4A
\$GPGBS,073344,000.4,002.3,001.5,12,0.05,0009.2,012.5*4C
\$HEHDT,302.6,T*28
\$GPGGA,073345,3452.3810,N,07438.9521,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,302.5,T*2B

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PORT 4 04-06-2014 07:34:36

S01_C04_survey.Log

\$GPGLL,3452.3810,N,07438.9521,W,073345,A*33
\$GPRMC,073345,A,3452.3810,N,07438.9521,W,1.9,333.9,060414,11.9,w*41
\$GPVTG,333.9,T,345.8,M,1.9,N,3.5,K*40
\$GPZDA,073345,06,04,2014,00,00*4B
\$GPGBS,073345,,,,,,,,*47
\$HEHDT,302.2,T*2C
\$GPGBA,073346,3452.3810,N,07438.9526,W,2,7,0.3,9,M,,M,,*61
\$GPGLL,3452.3810,N,07438.9526,W,073346,A*37
\$HEHDT,302.0,T*2E
\$GPRMC,073346,A,3452.3810,N,07438.9526,W,1.9,330.0,060414,11.9,w*4F
\$GPVTG,330.0,T,341.9,M,1.9,N,3.5,K*4F
\$GPZDA,073346,06,04,2014,00,00*48
\$GPGBS,073346,000.7,003.8,002.4,12,0.05,0024.3,012.5*4B
\$GPGBA,073347,3452.3812,N,07438.9533,W,2,7,0.3,9,M,,M,,*66
\$HEHDT,302.0,T*2E

PORT 4 04-06-2014 07:34:37
\$GPGLL,3452.3812,N,07438.9533,W,073347,A*30
\$GPRMC,073347,A,3452.3812,N,07438.9533,W,1.8,325.3,060414,11.9,w*4E
\$HEHDT,301.3,T*2E
\$GPVTG,325.3,T,337.2,M,1.8,N,3.3,K*45
\$GPZDA,073347,06,04,2014,00,00*49
\$GPGBS,073347,,,,,,,,*45
\$GPGBA,073348,3452.3817,N,07438.9539,W,2,7,0.3,9,M,,M,,*66
\$HEHDT,301.3,T*2E

PORT 4 04-06-2014 07:34:39
\$GPGLL,3452.3817,N,07438.9539,W,073348,A*30
\$GPRMC,073348,A,3452.3817,N,07438.9539,W,1.8,321.8,060414,11.9,w*41
\$GPVTG,321.8,T,333.7,M,1.8,N,3.3,K*4B
\$HEHDT,300.7,T*2B
\$GPZDA,073348,06,04,2014,00,00*46
\$GPGBS,073348,,,,,,,,*4A
\$GPGBA,073349,3452.3824,N,07438.9541,W,2,7,0.3,9,M,,M,,*68
\$HEHDT,300.4,T*28

PORT 4 04-06-2014 07:34:40
\$GPGLL,3452.3824,N,07438.9541,W,073349,A*3E
\$GPRMC,073349,A,3452.3824,N,07438.9541,W,1.9,320.6,060414,11.9,w*41
\$HEHDT,299.7,T*2A
\$GPVTG,320.6,T,332.5,M,1.9,N,3.5,K*40
\$GPZDA,073349,06,04,2014,00,00*47
\$GPGBS,073349,,,,,,,,*4B
\$GPGBA,073350,3452.3828,N,07438.9541,W,2,8,0.3,9,M,,M,,*63
\$HEHDT,299.4,T*29
\$GPGLL,3452.3828,N,07438.9541,W,073350,A*3A
\$GPRMC,073350,A,3452.3828,N,07438.9541,W,1.9,321.9,060414,11.9,w*4B
\$GPVTG,321.9,T,333.8,M,1.9,N,3.5,K*42
\$GPZDA,073350,06,04,2014,00,00*4F
\$GPGBS,073350,001.2,005.9,003.8,12,0.05,0024.5,012.5*44
\$HEHDT,299.6,T*2B
\$GPGBA,073351,3452.3831,N,07438.9547,W,2,8,0.3,9,M,,M,,*6C
PORT 12000 04-06-2014 07:34:40
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PORT 4 04-06-2014 07:34:41
\$HEHDT,299.5,T*28
\$GPGLL,3452.3831,N,07438.9547,W,073351,A*35
\$GPRMC,073351,A,3452.3831,N,07438.9547,W,1.8,322.7,060414,11.9,w*48
\$GPVTG,322.7,T,334.6,M,1.8,N,3.3,K*41
\$GPZDA,073351,06,04,2014,00,00*4E
\$GPGBS,073351,,,,,,,,*42
\$HEHDT,299.3,T*2E

S01_C04_survey.Log

\$GPGGA,073352,3452.3837,N,07438.9550,W,2,7,0.3,9,M,,M,,*60

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PORT 4 04-06-2014 07:34:43

\$HEHDT,299.0,T*2D

\$GPGLL,3452.3837,N,07438.9550,W,073352,A*36

\$GPRMC,073352,A,3452.3837,N,07438.9550,W,1.8,323.3,060414,11.9,W*4E

\$GPVTG,323.3,T,335.2,M,1.8,N,3.3,K*41

\$GPZDA,073352,06,04,2014,00,00*4D

\$GPGBS,073352,001.0,005.1,003.3,12,0.05,0021.4,012.5*43

\$HEHDT,298.4,T*28

\$GPGGA,073353,3452.3842,N,07438.9552,W,2,7,0.3,9,M,,M,,*61

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PORT 4 04-06-2014 07:34:44

\$GPGLL,3452.3842,N,07438.9552,W,073353,A*37

\$HEHDT,298.3,T*2F

\$GPRMC,073353,A,3452.3842,N,07438.9552,W,1.9,324.1,060414,11.9,W*4B

\$GPVTG,324.1,T,336.0,M,1.9,N,3.5,K*42

\$GPZDA,073353,06,04,2014,00,00*4C

\$GPGBS,073353,000.4,001.9,001.2,12,0.05,0012.0,012.5*4C

\$GPGGA,073354,3452.3846,N,07438.9557,W,2,8,0.3,9,M,,M,,*68

\$HEHDT,297.8,T*2B

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PORT 4 04-06-2014 07:34:45

\$GPGLL,3452.3846,N,07438.9557,W,073354,A*31

\$GPRMC,073354,A,3452.3846,N,07438.9557,W,1.9,325.7,060414,11.9,W*4A

\$HEHDT,297.2,T*21

\$GPVTG,325.7,T,337.6,M,1.9,N,3.5,K*42

\$GPZDA,073354,06,04,2014,00,00*4B

\$GPGBS,073354,000.9,002.3,000.3,12,0.05,0016.6,012.5*4D

\$GPGGA,073355,3452.3848,N,07438.9561,W,2,8,0.3,9,M,,M,,*62

\$HEHDT,297.2,T*21

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PORT 4 04-06-2014 07:34:46

\$GPGLL,3452.3848,N,07438.9561,W,073355,A*3B

\$GPRMC,073355,A,3452.3848,N,07438.9561,W,1.9,324.3,060414,11.9,W*45

\$GPVTG,324.3,T,336.2,M,1.9,N,3.5,K*42

\$GPZDA,073355,06,04,2014,00,00*4A

\$HEHDT,297.1,T*22

\$GPGBS,073355,000.8,004.1,002.6,12,0.05,0016.8,012.5*40

\$GPGGA,073356,3452.3850,N,07438.9566,W,2,8,0.3,9,M,,M,,*6F

#

PORT 4 04-06-2014 07:34:47

\$HEHDT,296.6,T*24

\$GPGLL,3452.3850,N,07438.9566,W,073356,A*36

\$GPRMC,073356,A,3452.3850,N,07438.9566,W,1.9,324.3,060414,11.9,W*48

\$GPVTG,324.3,T,336.2,M,1.9,N,3.5,K*42

\$GPZDA,073356,06,04,2014,00,00*49

\$GPGBS,073356,000.7,003.7,002.3,12,0.05,0015.1,012.5*42

\$HEHDT,296.9,T*2B

\$GPGGA,073357,3452.3855,N,07438.9573,W,2,8,0.3,9,M,,M,,*6F

#

PORT 4 04-06-2014 07:34:48

\$GPGLL,3452.3855,N,07438.9573,W,073357,A*36

\$HEHDT,296.5,T*27

\$GPRMC,073357,A,3452.3855,N,07438.9573,W,1.9,321.1,060414,11.9,W*4F

\$GPVTG,321.1,T,333.0,M,1.9,N,3.5,K*42

\$GPZDA,073357,06,04,2014,00,00*48

\$GPGBS,073357,,,,,,*44

\$GPGGA,073358,3452.3857,N,07438.9579,W,2,8,0.3,9,M,,M,,*68

\$HEHDT,296.4,T*26

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PORT 4 04-06-2014 07:34:49

\$HEHDT,296.1,T*23

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\$GPGLL,3452.3857,N,07438.9579,W,073358,A*31
\$GPRMC,073358,A,3452.3857,N,07438.9579,W,1.9,318.4,060414,11.9,W*47
\$GPVTG,318.4,T,330.3,M,1.9,N,3.5,K*4D
\$GPZDA,073358,06,04,2014,00,00*47
\$GPGBS,073358,,,,,,,,*4B
\$GPGGA,073359,3452.3860,N,07438.9583,W,2,8,0.3,9,M,,M,,*68
\$HEHDT,295.8,T*29

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PORT 4 04-06-2014 07:34:50

\$GPGLL,3452.3860,N,07438.9583,W,073359,A*31
\$GPRMC,073359,A,3452.3860,N,07438.9583,W,1.9,316.2,060414,11.9,W*4F
\$GPVTG,316.2,T,328.1,M,1.9,N,3.5,K*4E
\$HEHDT,295.2,T*23
\$GPZDA,073359,06,04,2014,00,00*46
\$GPGBS,073359,000.6,003.3,002.0,12,0.05,0013.3,012.5*4F
\$GPGGA,073400,3452.3864,N,07438.9588,W,2,8,0.3,9,M,,M,,*6C
\$HEHDT,294.5,T*25

PORT 12000 04-06-2014 07:34:50

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:34:51

\$GPGLL,3452.3864,N,07438.9588,W,073400,A*35
\$GPRMC,073400,A,3452.3864,N,07438.9588,W,1.9,316.2,060414,11.9,W*4B
\$GPVTG,316.2,T,328.1,M,1.9,N,3.5,K*4E
\$HEHDT,294.1,T*21
\$GPZDA,073400,06,04,2014,00,00*4D
\$GPGBS,073400,,,,,,,,*41
\$GPGGA,073401,3452.3870,N,07438.9593,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,293.7,T*20

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PORT 4 04-06-2014 07:34:52

\$GPGLL,3452.3870,N,07438.9593,W,073401,A*3B
\$GPRMC,073401,A,3452.3870,N,07438.9593,W,1.9,315.9,060414,11.9,W*4D
\$GPVTG,315.9,T,327.8,M,1.9,N,3.5,K*40
\$GPZDA,073401,06,04,2014,00,00*4C
\$GPGBS,073401,000.5,002.3,001.3,12,0.05,0014.3,012.5*40
\$HEHDT,293.3,T*24
\$GPGGA,073402,3452.3875,N,07438.9597,W,2,8,0.3,9,M,,M,,*60

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PORT 4 04-06-2014 07:34:53

\$HEHDT,293.1,T*26
\$GPGLL,3452.3875,N,07438.9597,W,073402,A*39
\$GPRMC,073402,A,3452.3875,N,07438.9597,W,1.9,316.3,060414,11.9,W*46
\$GPVTG,316.3,T,328.2,M,1.9,N,3.5,K*4C
\$GPZDA,073402,06,04,2014,00,00*4F
\$GPGBS,073402,,,,,,,,*43
\$HEHDT,293.4,T*23
\$GPGGA,073403,3452.3880,N,07438.9601,W,2,8,0.3,9,M,,M,,*67

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PORT 4 04-06-2014 07:34:54

\$HEHDT,293.0,T*27
\$GPGLL,3452.3880,N,07438.9601,W,073403,A*3E
\$GPRMC,073403,A,3452.3880,N,07438.9601,W,2.1,318.3,060414,11.9,W*44
\$GPVTG,318.3,T,330.2,M,2.1,N,3.9,K*4C
\$GPZDA,073403,06,04,2014,00,00*4E
\$GPGBS,073403,000.6,002.9,001.8,12,0.05,0018.8,012.5*47
\$GPGGA,073404,3452.3885,N,07438.9604,W,2,8,0.3,9,M,,M,,*60
\$HEHDT,292.8,T*2E

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PORT 4 04-06-2014 07:34:55

\$GPGLL,3452.3885,N,07438.9604,W,073404,A*39
\$HEHDT,292.5,T*23
\$GPRMC,073404,A,3452.3885,N,07438.9604,W,2.1,319.1,060414,11.9,W*40

S01_C04_survey.Log

\$GPVTG,319.1,T,331.0,M,2.1,N,3.9,K*4C
\$GPZDA,073404,06,04,2014,00,00*49
\$GPGBS,073404,001.2,005.6,003.0,12,0.05,0022.5,012.5*43
\$GPGGA,073405,3452.3889,N,07438.9608,W,2,8,0.3,9,M,,M,,*61
\$HEHDT,292.2,T*24

PORT 4 04-06-2014 07:34:56
\$GPGLL,3452.3889,N,07438.9608,W,073405,A*38
\$GPRMC,073405,A,3452.3889,N,07438.9608,W,2.1,319.1,060414,11.9,W*41
\$HEHDT,292.1,T*27
\$GPVTG,319.1,T,331.0,M,2.1,N,3.9,K*4C
\$GPZDA,073405,06,04,2014,00,00*48
\$GPGBS,073405,001.4,003.6,001.0,12,0.05,0017.2,012.5*41
\$GPGGA,073406,3452.3895,N,07438.9611,W,2,8,0.3,9,M,,M,,*67
\$HEHDT,292.1,T*27

PORT 4 04-06-2014 07:34:57
\$GPGLL,3452.3895,N,07438.9611,W,073406,A*3E
\$GPRMC,073406,A,3452.3895,N,07438.9611,W,2.1,319.7,060414,11.9,W*41
\$GPVTG,319.7,T,331.6,M,2.1,N,3.9,K*4C
\$HEHDT,292.3,T*25
\$GPZDA,073406,06,04,2014,00,00*4B
\$GPGBS,073406,000.9,003.9,002.2,12,0.05,0015.3,012.5*43
\$GPGGA,073407,3452.3896,N,07438.9617,W,2,8,0.3,9,M,,M,,*63
\$HEHDT,292.5,T*23
\$GPGLL,3452.3896,N,07438.9617,W,073407,A*3A
\$GPRMC,073407,A,3452.3896,N,07438.9617,W,2.0,319.8,060414,11.9,W*4B
\$GPVTG,319.8,T,331.7,M,2.0,N,3.7,K*4D
\$GPZDA,073407,06,04,2014,00,00*4A
\$GPGBS,073407,000.5,002.4,001.5,12,0.05,0009.8,012.5*40
\$GPGGA,073408,3452.3898,N,07438.9626,W,2,8,0.3,9,M,,M,,*60
\$HEHDT,292.3,T*25

PORT 4 04-06-2014 07:34:58
\$GPGLL,3452.3898,N,07438.9626,W,073408,A*39
\$GPRMC,073408,A,3452.3898,N,07438.9626,W,2.1,317.9,060414,11.9,W*46
\$HEHDT,291.8,T*2D
\$GPVTG,317.9,T,329.8,M,2.1,N,3.9,K*4B
\$GPZDA,073408,06,04,2014,00,00*45
\$GPGBS,073408,,,,,,*49
\$GPGGA,073409,3452.3899,N,07438.9634,W,2,8,0.3,9,M,,M,,*63
\$HEHDT,291.5,T*20

PORT 4 04-06-2014 07:34:59
\$GPGLL,3452.3899,N,07438.9634,W,073409,A*3A
\$GPRMC,073409,A,3452.3899,N,07438.9634,W,2.1,313.2,060414,11.9,W*4A
\$HEHDT,290.7,T*23
\$GPVTG,313.2,T,325.1,M,2.1,N,3.9,K*41
\$GPZDA,073409,06,04,2014,00,00*44
\$GPGBS,073409,,,,,,*48
\$GPGGA,073410,3452.3902,N,07438.9641,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,289.9,T*25
PORT 12000 04-06-2014 07:34:59
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:35:00
\$GPGLL,3452.3902,N,07438.9641,W,073410,A*33
\$GPRMC,073410,A,3452.3902,N,07438.9641,W,2.1,308.7,060414,11.9,W*4C
\$HEHDT,289.1,T*2D
\$GPVTG,308.7,T,320.6,M,2.1,N,3.9,K*4C
\$GPZDA,073410,06,04,2014,00,00*4C
\$GPGBS,073410,,,,,,*40
\$GPGGA,073411,3452.3909,N,07438.9644,W,2,8,0.3,9,M,,M,,*65

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PORT 4 04-06-2014 07:35:01
\$HEHDT,288.9,T*24
\$GPGLL,3452.3909,N,07438.9644,W,073411,A*3C
\$GPRMC,073411,A,3452.3909,N,07438.9644,W,2.1,306.3,060414,11.9,W*49
\$GPVTG,306.3,T,318.2,M,2.1,N,3.9,K*49
\$GPZDA,073411,06,04,2014,00,00*4D
\$GPGBS,073411,000.6,002.9,001.6,12,0.05,0008.6,012.5*45
\$HEHDT,288.7,T*2A
\$GPGGA,073412,3452.3918,N,07438.9649,W,2,8,0.3,9,M,,M,,*6B

PORT 4 04-06-2014 07:35:03
\$HEHDT,288.7,T*2A
\$GPGLL,3452.3918,N,07438.9649,W,073412,A*32
\$GPRMC,073412,A,3452.3918,N,07438.9649,W,2.2,307.9,060414,11.9,W*4F
\$GPVTG,307.9,T,319.8,M,2.2,N,4.1,K*45
\$GPZDA,073412,06,04,2014,00,00*4E
\$GPGBS,073412,,,,,,*42
\$GPGGA,073413,3452.3925,N,07438.9655,W,2,8,0.3,9,M,,M,,*69
\$HEHDT,288.8,T*25

PORT 4 04-06-2014 07:35:04
\$GPGLL,3452.3925,N,07438.9655,W,073413,A*30
\$HEHDT,289.0,T*2C
\$GPRMC,073413,A,3452.3925,N,07438.9655,W,2.3,312.8,060414,11.9,W*49
\$GPVTG,312.8,T,324.7,M,2.3,N,4.3,K*42
\$GPZDA,073413,06,04,2014,00,00*4F
\$GPGBS,073413,,,,,,*43
\$GPGGA,073414,3452.3928,N,07438.9662,W,2,8,0.3,9,M,,M,,*67
\$HEHDT,288.6,T*2B

PORT 4 04-06-2014 07:35:05
\$GPGLL,3452.3928,N,07438.9662,W,073414,A*3E
\$GPRMC,073414,A,3452.3928,N,07438.9662,W,2.4,316.2,060414,11.9,W*4E
\$HEHDT,287.7,T*25
\$GPVTG,316.2,T,328.1,M,2.4,N,4.4,K*46
\$GPZDA,073414,06,04,2014,00,00*48
\$GPGBS,073414,,,,,,*44
\$GPGGA,073415,3452.3929,N,07438.9667,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,287.2,T*20

PORT 4 04-06-2014 07:35:06
\$GPGLL,3452.3929,N,07438.9667,W,073415,A*3B
\$GPRMC,073415,A,3452.3929,N,07438.9667,W,2.4,316.8,060414,11.9,W*41
\$GPVTG,316.8,T,328.7,M,2.4,N,4.4,K*4A
\$HEHDT,286.6,T*25
\$GPZDA,073415,06,04,2014,00,00*49
\$GPGBS,073415,,,,,,*45
\$GPGGA,073416,3452.3931,N,07438.9674,W,2,8,0.3,10,M,,M,,*52
\$HEHDT,286.3,T*20

PORT 4 04-06-2014 07:35:07
\$GPGLL,3452.3931,N,07438.9674,W,073416,A*33
\$GPRMC,073416,A,3452.3931,N,07438.9674,W,2.3,315.5,060414,11.9,W*40
\$GPVTG,315.5,T,327.4,M,2.3,N,4.3,K*48
\$GPZDA,073416,06,04,2014,00,00*4A
\$GPGBS,073416,,,,,,*46
\$HEHDT,286.1,T*22
\$GPGGA,073417,3452.3935,N,07438.9681,W,2,8,0.3,10,M,,M,,*5D

PORT 4 04-06-2014 07:35:08
\$HEHDT,285.7,T*27
\$GPGLL,3452.3935,N,07438.9681,W,073417,A*3C

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\$GPRMC,073417,A,3452.3935,N,07438.9681,W,2.2,313.1,060414,11.9,w*4C
\$GPVTG,313.1,T,325.0,M,2.2,N,4.1,K*4F
\$GPZDA,073417,06,04,2014,00,00*4B
\$GPGBS,073417,,,,,,,,*47
\$GPGGA,073418,3452.3939,N,07438.9688,W,2,8,0.3,10,M,,M,,*57
\$HEHDT,285.8,T*28

PORT 4 04-06-2014 07:35:09
\$GPGLL,3452.3939,N,07438.9688,W,073418,A*36
\$HEHDT,285.7,T*27
\$GPRMC,073418,A,3452.3939,N,07438.9688,W,2.2,311.2,060414,11.9,w*47
\$GPVTG,311.2,T,323.1,M,2.2,N,4.1,K*49
\$GPZDA,073418,06,04,2014,00,00*44
\$GPGBS,073418,,,,,,,,*48
\$GPGGA,073419,3452.3943,N,07438.9695,W,2,8,0.3,10,M,,M,,*57
\$HEHDT,285.4,T*24

PORT 4 04-06-2014 07:35:10
\$GPGLL,3452.3943,N,07438.9695,W,073419,A*36
\$GPRMC,073419,A,3452.3943,N,07438.9695,W,2.3,310.3,060414,11.9,w*46
\$HEHDT,285.3,T*23
\$GPVTG,310.3,T,322.2,M,2.3,N,4.3,K*48
\$GPZDA,073419,06,04,2014,00,00*45
\$GPGBS,073419,,,,,,,,*49
\$GPGGA,073420,3452.3946,N,07438.9700,W,2,8,0.3,10,M,,M,,*55
\$HEHDT,284.8,T*29
PORT 12000 04-06-2014 07:35:10
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:35:11
\$GPGLL,3452.3946,N,07438.9700,W,073420,A*34
\$GPRMC,073420,A,3452.3946,N,07438.9700,W,2.3,309.8,060414,11.9,w*47
\$GPVTG,309.8,T,321.7,M,2.3,N,4.3,K*4D
\$HEHDT,284.5,T*24
\$GPZDA,073420,06,04,2014,00,00*4F
\$GPGBS,073420,,,,,,,,*43
\$GPGGA,073421,3452.3947,N,07438.9709,W,2,8,0.3,10,M,,M,,*5C
\$HEHDT,283.8,T*2E

PORT 4 04-06-2014 07:35:12
\$GPGLL,3452.3947,N,07438.9709,W,073421,A*3D
\$GPRMC,073421,A,3452.3947,N,07438.9709,W,2.2,308.7,060414,11.9,w*41
\$GPVTG,308.7,T,320.6,M,2.2,N,4.1,K*40
\$GPZDA,073421,06,04,2014,00,00*4E
\$HEHDT,283.2,T*24
\$GPGBS,073421,,,,,,,,*42
\$GPGGA,073422,3452.3953,N,07438.9716,W,2,8,0.3,10,M,,M,,*54
\$HEHDT,282.3,T*24
\$GPGLL,3452.3953,N,07438.9716,W,073422,A*35
\$GPRMC,073422,A,3452.3953,N,07438.9716,W,2.2,307.1,060414,11.9,w*40
\$GPVTG,307.1,T,319.0,M,2.2,N,4.1,K*45
\$GPZDA,073422,06,04,2014,00,00*4D
\$GPGBS,073422,,,,,,,,*41
\$GPGGA,073423,3452.3958,N,07438.9723,W,2,8,0.3,10,M,,M,,*58
\$HEHDT,281.8,T*2C

PORT 4 04-06-2014 07:35:13
\$GPGLL,3452.3958,N,07438.9723,W,073423,A*39
\$HEHDT,281.6,T*22
\$GPRMC,073423,A,3452.3958,N,07438.9723,W,2.3,306.3,060414,11.9,w*4E
\$GPVTG,306.3,T,318.2,M,2.3,N,4.3,K*46
\$GPZDA,073423,06,04,2014,00,00*4C
\$GPGBS,073423,,,,,,,,*40

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\$GPGGA,073424,3452.3965,N,07438.9728,W,2,8,0.3,10,M,,M,,*5A
\$HEHDT,281.5,T*21

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PORT 4 04-06-2014 07:35:14

\$GPGLL,3452.3965,N,07438.9728,W,073424,A*3B

\$HEHDT,281.8,T*2C

\$GPRMC,073424,A,3452.3965,N,07438.9728,W,2.4,307.6,060414,11.9,W*4F

\$GPVTG,307.6,T,319.5,M,2.4,N,4.4,K*44

\$GPZDA,073424,06,04,2014,00,00*4B

\$GPGBS,073424,,,,,,,,*47

\$GPGGA,073425,3452.3965,N,07438.9738,W,2,8,0.4,10,M,,M,,*5D

\$HEHDT,282.0,T*27

#

PORT 4 04-06-2014 07:35:16

\$GPGLL,3452.3965,N,07438.9738,W,073425,A*3B

\$GPRMC,073425,A,3452.3965,N,07438.9738,W,2.4,308.9,060414,11.9,W*4F

\$HEHDT,282.2,T*25

\$GPVTG,308.9,T,320.8,M,2.4,N,4.4,K*43

\$GPZDA,073425,06,04,2014,00,00*4A

\$GPGBS,073425,002.7,002.9,010.0,13,0.05,0013.0,012.5*4A

\$GPGGA,073426,3452.3967,N,07438.9745,W,2,8,0.3,10,M,,M,,*51

\$HEHDT,281.7,T*23

#

PORT 4 04-06-2014 07:35:17

\$GPGLL,3452.3967,N,07438.9745,W,073426,A*30

\$GPRMC,073426,A,3452.3967,N,07438.9745,W,2.4,308.1,060414,11.9,W*4C

\$HEHDT,281.2,T*26

\$GPVTG,308.1,T,320.0,M,2.4,N,4.4,K*43

\$GPZDA,073426,06,04,2014,00,00*49

\$GPGBS,073426,,,,,,,,*45

\$GPGGA,073427,3452.3969,N,07438.9753,W,2,8,0.3,10,M,,M,,*59

\$HEHDT,280.2,T*27

\$GPGLL,3452.3969,N,07438.9753,W,073427,A*38

\$GPRMC,073427,A,3452.3969,N,07438.9753,W,2.3,304.3,060414,11.9,W*4D

\$GPVTG,304.3,T,316.2,M,2.3,N,4.3,K*4A

\$GPZDA,073427,06,04,2014,00,00*48

\$GPGBS,073427,004.8,003.9,013.2,25,0.05,-013.1,012.5*58

\$HEHDT,279.2,T*21

\$GPGGA,073428,3452.3974,N,07438.9757,W,2,8,0.3,10,M,,M,,*5E

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PORT 4 04-06-2014 07:35:18

\$HEHDT,278.9,T*2B

\$GPGLL,3452.3974,N,07438.9757,W,073428,A*3F

\$GPRMC,073428,A,3452.3974,N,07438.9757,W,2.3,304.3,060414,11.9,W*4A

\$GPVTG,304.3,T,316.2,M,2.3,N,4.3,K*4A

\$GPZDA,073428,06,04,2014,00,00*47

\$GPGBS,073428,,,,,,,,*4B

\$GPGGA,073429,3452.3978,N,07438.9765,W,2,8,0.4,10,M,,M,,*55

\$HEHDT,278.7,T*25

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PORT 4 04-06-2014 07:35:19

\$HEHDT,278.7,T*25

\$GPGLL,3452.3978,N,07438.9765,W,073429,A*33

\$GPRMC,073429,A,3452.3978,N,07438.9765,W,2.3,303.8,060414,11.9,W*4A

\$GPVTG,303.8,T,315.7,M,2.3,N,4.3,K*40

\$GPZDA,073429,06,04,2014,00,00*46

\$GPGBS,073429,,,,,,,,*4A

\$GPGGA,073430,3452.3979,N,07438.9774,W,2,8,0.3,10,M,,M,,*5B

\$HEHDT,278.7,T*25

PORT 12000 04-06-2014 07:35:19

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:35:21

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\$GPGLL,3452.3979,N,07438.9774,w,073430,A*3A
 \$HEHDT,278.8,T*2A
 \$GPRMC,073430,A,3452.3979,N,07438.9774,w,2.4,303.7,060414,11.9,w*4B
 \$GPVTG,303.7,T,315.6,M,2.4,N,4.4,K*4E
 \$GPZDA,073430,06,04,2014,00,00*4E
 \$GPGBS,073430,004.0,002.6,009.7,13,0.05,0010.3,012.5*4F
 \$GPGGA,073431,3452.3980,N,07438.9781,w,2,8,0.3,10,M,,M,,*56
 \$HEHDT,278.7,T*25
 #
 PORT 4 04-06-2014 07:35:22
 \$GPGLL,3452.3980,N,07438.9781,w,073431,A*37
 \$GPRMC,073431,A,3452.3980,N,07438.9781,w,2.3,301.9,060414,11.9,w*4D
 \$HEHDT,278.2,T*20
 \$GPVTG,301.9,T,313.8,M,2.3,N,4.3,K*4A
 \$GPZDA,073431,06,04,2014,00,00*4F
 \$GPGBS,073431,003.3,002.9,010.5,13,0.05,0010.6,012.5*4A
 \$GPGGA,073432,3452.3983,N,07438.9788,w,2,8,0.3,10,M,,M,,*5F
 \$HEHDT,277.9,T*24
 #
 PORT 4 04-06-2014 07:35:23
 \$GPGLL,3452.3983,N,07438.9788,w,073432,A*3E
 \$GPRMC,073432,A,3452.3983,N,07438.9788,w,2.3,301.5,060414,11.9,w*48
 \$HEHDT,277.3,T*2E
 \$GPVTG,301.5,T,313.4,M,2.3,N,4.3,K*4A
 \$GPZDA,073432,06,04,2014,00,00*4C
 \$GPGBS,073432,004.2,002.8,010.1,13,0.05,0010.9,012.5*45
 \$GPGGA,073433,3452.3985,N,07438.9796,w,2,8,0.3,10,M,,M,,*57
 \$HEHDT,276.7,T*2B
 #
 PORT 4 04-06-2014 07:35:24
 \$GPGLL,3452.3985,N,07438.9796,w,073433,A*36
 \$GPRMC,073433,A,3452.3985,N,07438.9796,w,2.3,301.4,060414,11.9,w*41
 \$GPVTG,301.4,T,313.3,M,2.3,N,4.3,K*4C
 \$GPZDA,073433,06,04,2014,00,00*4D
 \$GPGBS,073433,004.3,002.6,009.1,13,0.05,0011.5,012.5*4E
 \$HEHDT,276.2,T*2E
 \$GPGGA,073434,3452.3987,N,07438.9804,w,2,8,0.3,10,M,,M,,*56
 #
 PORT 4 04-06-2014 07:35:25
 \$HEHDT,275.9,T*26
 \$GPGLL,3452.3987,N,07438.9804,w,073434,A*37
 \$GPRMC,073434,A,3452.3987,N,07438.9804,w,2.3,301.4,060414,11.9,w*40
 \$GPVTG,301.4,T,313.3,M,2.3,N,4.3,K*4C
 \$GPZDA,073434,06,04,2014,00,00*4A
 \$GPGBS,073434,003.4,002.3,008.3,13,0.05,0010.5,012.5*4E
 \$HEHDT,275.4,T*2B
 \$GPGGA,073435,3452.3990,N,07438.9812,w,2,8,0.3,10,M,,M,,*56
 #
 PORT 4 04-06-2014 07:35:26
 \$GPGLL,3452.3990,N,07438.9812,w,073435,A*37
 \$HEHDT,275.2,T*2D
 \$GPRMC,073435,A,3452.3990,N,07438.9812,w,2.4,300.2,060414,11.9,w*40
 \$GPVTG,300.2,T,312.1,M,2.4,N,4.4,K*48
 \$GPZDA,073435,06,04,2014,00,00*4B
 \$GPGBS,073435,003.3,002.2,008.1,13,0.05,0010.3,012.5*4D
 \$GPGGA,073436,3452.3993,N,07438.9819,w,2,8,0.3,10,M,,M,,*5D
 \$HEHDT,274.8,T*26
 #
 PORT 4 04-06-2014 07:35:27
 \$GPGLL,3452.3993,N,07438.9819,w,073436,A*3C
 \$GPRMC,073436,A,3452.3993,N,07438.9819,w,2.4,299.6,060414,11.9,w*4E
 \$HEHDT,274.5,T*2B
 \$GPVTG,299.6,T,311.5,M,2.4,N,4.4,K*4A

S01_C04_survey.Log

\$GPZDA,073436,06,04,2014,00,00*48
 \$GPGBS,073436,004.0,002.4,008.6,13,0.05,0010.6,012.5*4E
 \$GPGGA,073437,3452.3994,N,07438.9828,W,2,8,0.3,10,M,,M,,*59
 \$HEHDT,273.8,T*21
 #
 PORT 4 04-06-2014 07:35:28
 \$GPGLL,3452.3994,N,07438.9828,W,073437,A*38
 \$GPRMC,073437,A,3452.3994,N,07438.9828,W,2.3,298.9,060414,11.9,W*43
 \$GPVTG,298.9,T,310.8,M,2.3,N,4.3,K*48
 \$HEHDT,273.4,T*2D
 \$GPZDA,073437,06,04,2014,00,00*49
 \$GPGBS,073437,004.3,003.0,009.3,13,0.05,0010.5,012.5*4E
 \$GPGGA,073438,3452.3997,N,07438.9836,W,2,8,0.3,10,M,,M,,*5A
 \$HEHDT,272.7,T*2F
 #
 PORT 4 04-06-2014 07:35:29
 \$GPGLL,3452.3997,N,07438.9836,W,073438,A*3B
 \$GPRMC,073438,A,3452.3997,N,07438.9836,W,2.4,298.3,060414,11.9,W*4D
 \$GPVTG,298.3,T,310.2,M,2.4,N,4.4,K*48
 \$GPZDA,073438,06,04,2014,00,00*46
 \$HEHDT,272.3,T*2B
 \$GPGBS,073438,003.2,002.1,007.7,13,0.05,0009.7,012.5*47
 \$GPGGA,073439,3452.4001,N,07438.9844,W,2,8,0.3,10,M,,M,,*5F
 \$HEHDT,272.4,T*2C
 \$GPGLL,3452.4001,N,07438.9844,W,073439,A*3E
 \$GPRMC,073439,A,3452.4001,N,07438.9844,W,2.4,298.1,060414,11.9,W*4A
 \$GPVTG,298.1,T,310.0,M,2.4,N,4.4,K*48
 \$GPZDA,073439,06,04,2014,00,00*47
 \$GPGBS,073439,004.4,003.5,008.0,13,0.05,0010.2,012.5*47
 \$HEHDT,272.2,T*2A
 \$GPGGA,073440,3452.4003,N,07438.9854,W,2,8,0.4,11,M,,M,,*54
 PORT 12000 04-06-2014 07:35:29
 \$PPWBA,d2pc15,192.168.2.151,Online
 #
 PORT 4 04-06-2014 07:35:30
 \$HEHDT,271.7,T*2C
 \$GPGLL,3452.4003,N,07438.9854,W,073440,A*33
 \$GPRMC,073440,A,3452.4003,N,07438.9854,W,2.5,297.3,060414,11.9,W*4B
 \$GPVTG,297.3,T,309.2,M,2.5,N,4.6,K*4C
 \$GPZDA,073440,06,04,2014,00,00*49
 \$GPGBS,073440,005.9,003.2,010.5,13,0.05,0010.1,012.5*4D
 \$GPGGA,073441,3452.4007,N,07438.9859,W,2,8,0.3,11,M,,M,,*5B
 \$HEHDT,271.3,T*28
 #
 PORT 4 04-06-2014 07:35:31
 \$GPGLL,3452.4007,N,07438.9859,W,073441,A*3B
 \$HEHDT,270.7,T*2D
 \$GPRMC,073441,A,3452.4007,N,07438.9859,W,2.4,296.5,060414,11.9,W*45
 \$GPVTG,296.5,T,308.4,M,2.4,N,4.4,K*4F
 \$GPZDA,073441,06,04,2014,00,00*48
 \$GPGBS,073441,000.0,000.0,000.0,17,0.05,-018.1,012.5*54
 \$GPGGA,073442,3452.4008,N,07438.9865,W,2,8,0.3,11,M,,M,,*58
 \$HEHDT,269.7,T*25
 #
 PORT 4 04-06-2014 07:35:33
 \$GPGLL,3452.4008,N,07438.9865,W,073442,A*38
 \$GPRMC,073442,A,3452.4008,N,07438.9865,W,2.3,295.0,060414,11.9,W*47
 \$HEHDT,269.1,T*23
 \$GPVTG,295.0,T,306.9,M,2.3,N,4.3,K*4A
 \$GPZDA,073442,06,04,2014,00,00*4B
 \$GPGBS,073442,000.0,000.0,000.0,17,0.05,-018.7,012.5*51
 \$GPGGA,073443,3452.4012,N,07438.9872,W,2,8,0.3,11,M,,M,,*54
 \$HEHDT,268.4,T*27

S01_C04_survey.Log

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PORT 4 04-06-2014 07:35:34
$GPGLL,3452.4012,N,07438.9872,W,073443,A*34
$GPRMC,073443,A,3452.4012,N,07438.9872,W,2.3,293.0,060414,11.9,w*4D
$GPVTG,293.0,T,304.9,M,2.3,N,4.3,K*4E
$HEHDT,268.0,T*23
$GPZDA,073443,06,04,2014,00,00*4A
$GPGBS,073443,000.0,000.0,000.0,17,0.05,-020.2,012.5*5E
$GPGGA,073444,3452.4016,N,07438.9879,W,2,8,0.3,11,M,,M,,*5C
$HEHDT,267.6,T*2A
#
PORT 4 04-06-2014 07:35:35
$GPGLL,3452.4016,N,07438.9879,W,073444,A*3C
$GPRMC,073444,A,3452.4016,N,07438.9879,W,2.3,292.0,060414,11.9,w*44
$GPVTG,292.0,T,303.9,M,2.3,N,4.3,K*48
$GPZDA,073444,06,04,2014,00,00*4D
$HEHDT,267.3,T*2F
$GPGBS,073444,000.0,000.0,000.0,17,0.05,-016.0,012.5*5E
$GPGGA,073445,3452.4022,N,07438.9887,W,2,8,0.3,11,M,,M,,*5B
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PORT 4 04-06-2014 07:35:36
$HEHDT,267.2,T*2E
$GPGLL,3452.4022,N,07438.9887,W,073445,A*3B
$GPRMC,073445,A,3452.4022,N,07438.9887,W,2.4,292.3,060414,11.9,w*47
$GPVTG,292.3,T,304.2,M,2.4,N,4.4,K*47
$GPZDA,073445,06,04,2014,00,00*4C
$GPGBS,073445,000.0,000.0,000.0,17,0.05,-018.2,012.5*53
$HEHDT,266.6,T*2B
$GPGGA,073446,3452.4027,N,07438.9894,W,2,8,0.3,11,M,,M,,*5F
#
PORT 4 04-06-2014 07:35:37
$GPGLL,3452.4027,N,07438.9894,W,073446,A*3F
$HEHDT,266.5,T*28
$GPRMC,073446,A,3452.4027,N,07438.9894,W,2.4,293.3,060414,11.9,w*42
$GPVTG,293.3,T,305.2,M,2.4,N,4.4,K*47
$GPZDA,073446,06,04,2014,00,00*4F
$GPGBS,073446,000.0,000.0,000.0,17,0.05,-018.3,012.5*51
$GPGGA,073447,3452.4033,N,07438.9901,W,2,8,0.3,11,M,,M,,*56
$HEHDT,265.5,T*2B
$GPGLL,3452.4033,N,07438.9901,W,073447,A*36
$GPRMC,073447,A,3452.4033,N,07438.9901,W,2.4,293.8,060414,11.9,w*40
$HEHDT,264.9,T*26
$GPVTG,293.8,T,305.7,M,2.4,N,4.4,K*49
$GPZDA,073447,06,04,2014,00,00*4E
$GPGBS,073447,000.0,000.0,000.0,17,0.05,-025.0,012.5*5D
$GPGGA,073448,3452.4032,N,07438.9908,W,2,8,0.4,11,M,,M,,*56
#
PORT 4 04-06-2014 07:35:38
$HEHDT,264.0,T*2F
$GPGLL,3452.4032,N,07438.9908,W,073448,A*31
$GPRMC,073448,A,3452.4032,N,07438.9908,W,2.4,293.6,060414,11.9,w*49
$GPVTG,293.6,T,305.5,M,2.4,N,4.4,K*45
$HEHDT,263.6,T*2E
$GPZDA,073448,06,04,2014,00,00*41
$GPGBS,073448,,,,,,,,*4D
$GPGGA,073449,3452.4031,N,07438.9917,W,2,8,0.4,11,M,,M,,*5A
#
PORT 4 04-06-2014 07:35:39
$HEHDT,263.3,T*2B
$GPGLL,3452.4031,N,07438.9917,W,073449,A*3D
$GPRMC,073449,A,3452.4031,N,07438.9917,W,2.4,291.9,060414,11.9,w*48
$GPVTG,291.9,T,303.8,M,2.4,N,4.4,K*43
$GPZDA,073449,06,04,2014,00,00*40

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S01_C04_survey.Log

\$GPGBS,073449,004.8,002.6,008.5,13,0.05,0009.5,012.5*44
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\$GPGGA,073450,3452.4030,N,07438.9926,W,2,7,0.4,11,M,,M,,*5E
PORT 12000 04-06-2014 07:35:39
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PORT 4 04-06-2014 07:35:40
\$HEHDT,262.9,T*20
\$GPGLL,3452.4030,N,07438.9926,W,073450,A*36
\$GPRMC,073450,A,3452.4030,N,07438.9926,W,2.4,291.9,060414,11.9,W*43
\$GPVTG,291.9,T,303.8,M,2.4,N,4.4,K*43
\$GPZDA,073450,06,04,2014,00,00*48
\$GPGBS,073450,,,,,,,,*44
\$HEHDT,262.4,T*2D
\$GPGGA,073451,3452.4030,N,07438.9935,W,2,7,0.4,11,M,,M,,*5D

PORT 4 04-06-2014 07:35:41
\$GPGLL,3452.4030,N,07438.9935,W,073451,A*35
\$GPRMC,073451,A,3452.4030,N,07438.9935,W,2.4,286.2,060414,11.9,W*4D
\$HEHDT,262.1,T*28
\$GPVTG,286.2,T,298.1,M,2.4,N,4.4,K*44
\$GPZDA,073451,06,04,2014,00,00*49
\$GPGBS,073451,000.0,000.0,000.0,17,0.05,-015.7,012.5*5E
\$GPGGA,073452,3452.4030,N,07438.9944,W,2,7,0.4,11,M,,M,,*58
\$HEHDT,261.2,T*28

PORT 4 04-06-2014 07:35:43
\$GPGLL,3452.4030,N,07438.9944,W,073452,A*30
\$GPRMC,073452,A,3452.4030,N,07438.9944,W,2.3,285.1,060414,11.9,W*4F
\$HEHDT,260.6,T*2D
\$GPVTG,285.1,T,297.0,M,2.3,N,4.3,K*4A
\$GPZDA,073452,06,04,2014,00,00*4A
\$GPGBS,073452,,,,,,,,*46
\$GPGGA,073453,3452.4032,N,07438.9951,W,2,7,0.4,11,M,,M,,*5F
\$HEHDT,259.5,T*24

PORT 5 04-06-2014 07:35:45
IN
PORT 4 04-06-2014 07:35:45
\$GPGLL,3452.4033,N,07438.9959,W,073454,A*39
\$GPRMC,073454,A,3452.4033,N,07438.9959,W,2.3,284.6,060414,11.9,W*40
\$GPVTG,284.6,T,296.5,M,2.3,N,4.3,K*48
\$GPZDA,073454,06,04,2014,00,00*4C
\$HEHDT,257.8,T*27
\$GPGBS,073454,,,,,,,,*40
\$GPGGA,073455,3452.4034,N,07438.9969,W,2,7,0.4,12,M,,M,,*57
\$HEHDT,257.4,T*2B
\$GPGLL,3452.4034,N,07438.9969,W,073455,A*3C
\$GPRMC,073455,A,3452.4034,N,07438.9969,W,2.4,284.1,060414,11.9,W*45
\$GPVTG,284.1,T,296.0,M,2.4,N,4.4,K*4A
\$GPZDA,073455,06,04,2014,00,00*4D
\$GPGBS,073455,,,,,,,,*41
\$GPGGA,073456,3452.4034,N,07438.9977,W,2,7,0.4,12,M,,M,,*5B
\$HEHDT,256.9,T*27

PORT 4 04-06-2014 07:35:47
\$GPGLL,3452.4034,N,07438.9977,W,073456,A*30
\$GPRMC,073456,A,3452.4034,N,07438.9977,W,2.4,284.2,060414,11.9,W*4A
\$HEHDT,256.8,T*26
\$GPVTG,284.2,T,296.1,M,2.4,N,4.4,K*48
\$GPZDA,073456,06,04,2014,00,00*4E
\$GPGBS,073456,,,,,,,,*42
\$GPGGA,073457,3452.4036,N,07438.9984,W,2,7,0.4,12,M,,M,,*54

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\$HEHDT,256.6,T*28

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PORT 4 04-06-2014 07:35:48

\$GPGLL,3452.4036,N,07438.9984,W,073457,A*3F

\$GPRMC,073457,A,3452.4036,N,07438.9984,W,2.4,284.2,060414,11.9,W*45

\$HEHDT,256.2,T*2C

\$GPVTG,284.2,T,296.1,M,2.4,N,4.4,K*48

\$GPZDA,073457,06,04,2014,00,00*4F

\$GPGBS,073457,,,,,,,,*43

\$GPGGA,073458,3452.4035,N,07438.9992,W,2,7,0.4,12,M,,M,,*5F

\$HEHDT,256.1,T*2F

#

PORT 5 04-06-2014 07:35:49

04161 ms

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PORT 4 04-06-2014 07:35:49

\$GPGLL,3452.4035,N,07438.9992,W,073458,A*34

\$GPRMC,073458,A,3452.4035,N,07438.9992,W,2.4,284.3,060414,11.9,W*4F

\$HEHDT,255.4,T*29

\$GPVTG,284.3,T,296.2,M,2.4,N,4.4,K*4A

\$GPZDA,073458,06,04,2014,00,00*40

\$GPGBS,073458,,,,,,,,*4C

\$GPGGA,073459,3452.4035,N,07438.9992,W,2,7,0.4,12,M,,M,,*5E

\$HEHDT,254.6,T*2A

\$GPGLL,3452.4035,N,07438.9992,W,073459,A*35

\$GPRMC,073459,A,3452.4035,N,07438.9992,W,2.3,283.6,060414,11.9,W*4B

\$GPVTG,283.6,T,295.5,M,2.3,N,4.3,K*4C

\$GPZDA,073459,06,04,2014,00,00*41

\$GPGBS,073459,016.3,005.1,008.0,05,0.05,0043.1,012.5*45

\$HEHDT,253.9,T*22

\$GPGGA,073500,3452.4041,N,07439.0003,W,2,8,0.4,12,M,,M,,*56

PORT 12000 04-06-2014 07:35:49

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:35:50

\$HEHDT,252.5,T*2F

\$GPGLL,3452.4041,N,07439.0003,W,073500,A*32

\$GPRMC,073500,A,3452.4041,N,07439.0003,W,2.3,280.3,060414,11.9,W*4A

\$GPVTG,280.3,T,292.2,M,2.3,N,4.3,K*4A

\$GPZDA,073500,06,04,2014,00,00*4C

\$GPGBS,073500,,,,,,,,*40

\$HEHDT,251.8,T*21

\$GPGGA,073501,3452.4041,N,07439.0003,W,2,8,0.4,12,M,,M,,*57

#

PORT 4 04-06-2014 07:35:51

\$HEHDT,250.8,T*20

\$GPGLL,3452.4041,N,07439.0003,W,073501,A*33

\$GPRMC,073501,A,3452.4041,N,07439.0003,W,2.3,280.3,060414,11.9,W*4B

\$GPVTG,280.3,T,292.2,M,2.3,N,4.3,K*4A

\$GPZDA,073501,06,04,2014,00,00*4D

\$GPGBS,073501,000.0,000.0,000.0,17,0.05,-011.1,012.5*58

\$GPGGA,073502,3452.4041,N,07439.0018,W,2,8,0.3,12,M,,M,,*59

\$HEHDT,250.5,T*2D

#

PORT 4 04-06-2014 07:35:53

\$GPGLL,3452.4041,N,07439.0018,W,073502,A*3A

\$GPRMC,073502,A,3452.4041,N,07439.0018,W,2.2,278.1,060414,11.9,W*46

\$HEHDT,250.6,T*2E

\$GPVTG,278.1,T,290.0,M,2.2,N,4.1,K*4C

\$GPZDA,073502,06,04,2014,00,00*4E

\$GPGBS,073502,000.0,000.0,000.0,17,0.05,-017.3,012.5*5F

\$GPGGA,073503,3452.4041,N,07439.0027,W,2,8,0.3,12,M,,M,,*54

\$HEHDT,249.9,T*29

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PORT 4 04-06-2014 07:35:54
\$GPGLL,3452.4041,N,07439.0027,W,073503,A*37
\$GPRMC,073503,A,3452.4041,N,07439.0027,W,2.2,276.3,060414,11.9,w*47
\$HEHDT,249.7,T*27
\$GPVTG,276.3,T,288.2,M,2.2,N,4.1,K*4B
\$GPZDA,073503,06,04,2014,00,00*4F
\$GPGBS,073503,000.0,000.0,000.0,17,0.05,-015.5,012.5*5A
\$GPGGA,073504,3452.4041,N,07439.0035,W,2,8,0.3,12,M,,M,,*50
\$HEHDT,249.6,T*26

PORT 4 04-06-2014 07:35:55
\$GPGLL,3452.4041,N,07439.0035,W,073504,A*33
\$GPRMC,073504,A,3452.4041,N,07439.0035,W,2.3,274.6,060414,11.9,w*45
\$GPVTG,274.6,T,286.5,M,2.3,N,4.3,K*46
\$HEHDT,248.5,T*24
\$GPZDA,073504,06,04,2014,00,00*48
\$GPGBS,073504,000.0,000.0,000.0,17,0.05,-018.0,012.5*55
\$GPGGA,073505,3452.4043,N,07439.0042,W,2,8,0.3,12,M,,M,,*53

PORT 4 04-06-2014 07:35:56
\$HEHDT,248.1,T*20
\$GPGLL,3452.4043,N,07439.0042,W,073505,A*30
\$GPRMC,073505,A,3452.4043,N,07439.0042,W,2.3,273.4,060414,11.9,w*43
\$GPVTG,273.4,T,285.3,M,2.3,N,4.3,K*46
\$GPZDA,073505,06,04,2014,00,00*49
\$GPGBS,073505,000.0,000.0,000.0,17,0.05,-018.8,012.5*5C
\$HEHDT,246.9,T*26
\$GPGGA,073506,3452.4044,N,07439.0049,W,2,8,0.3,12,M,,M,,*5C

PORT 4 04-06-2014 07:35:57
\$HEHDT,246.5,T*2A
\$GPGLL,3452.4044,N,07439.0049,W,073506,A*3F
\$GPRMC,073506,A,3452.4044,N,07439.0049,W,2.3,272.7,060414,11.9,w*4E
\$GPVTG,272.7,T,284.6,M,2.3,N,4.3,K*40
\$GPZDA,073506,06,04,2014,00,00*4A
\$GPGBS,073506,000.0,000.0,000.0,17,0.05,-019.1,012.5*57
\$GPGGA,073507,3452.4044,N,07439.0049,W,2,8,0.3,11,M,,M,,*5E
\$HEHDT,246.0,T*2F

PORT 4 04-06-2014 07:35:58
\$GPGLL,3452.4044,N,07439.0049,W,073507,A*3E
\$HEHDT,245.3,T*2F
\$GPRMC,073507,A,3452.4044,N,07439.0049,W,2.3,271.9,060414,11.9,w*42
\$GPVTG,271.9,T,283.8,M,2.3,N,4.3,K*44
\$GPZDA,073507,06,04,2014,00,00*4B
\$GPGBS,073507,000.0,000.0,000.0,17,0.05,-016.6,012.5*5E
\$GPGGA,073508,3452.4041,N,07439.0064,W,2,8,0.3,11,M,,M,,*5B
\$HEHDT,245.0,T*2C

PORT 4 04-06-2014 07:35:59
\$GPGLL,3452.4041,N,07439.0064,W,073508,A*3B
\$HEHDT,244.0,T*2D
\$GPRMC,073508,A,3452.4041,N,07439.0064,W,2.3,269.3,060414,11.9,w*44
\$GPVTG,269.3,T,281.2,M,2.3,N,4.3,K*4F
\$GPZDA,073508,06,04,2014,00,00*44
\$GPGBS,073508,000.0,000.0,000.0,17,0.05,-017.9,012.5*5F
\$GPGGA,073509,3452.4043,N,07439.0071,W,2,8,0.3,11,M,,M,,*5C
\$HEHDT,243.8,T*22

PORT 4 04-06-2014 07:36:00
\$GPGLL,3452.4043,N,07439.0071,W,073509,A*3C
\$GPRMC,073509,A,3452.4043,N,07439.0071,W,2.3,269.3,060414,11.9,w*43

S01_C04_survey.Log

\$GPVTG,269.3,T,281.2,M,2.3,N,4.3,K*4F
\$HEHDT,243.7,T*2D
\$GPZDA,073509,06,04,2014,00,00*45
\$GPGBS,073509,000.0,000.0,000.0,17,0.05,-018.7,012.5*5F
\$GPGGA,073510,3452.4044,N,07439.0078,W,2,8,0.3,11,M,,M,,*5A
\$HEHDT,242.5,T*2E
PORT 12000 04-06-2014 07:36:00
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PORT 4 04-06-2014 07:36:01
\$GPGLL,3452.4044,N,07439.0078,W,073510,A*3A
\$GPRMC,073510,A,3452.4044,N,07439.0078,W,2.3,268.5,060414,11.9,w*42
\$GPVTG,268.5,T,280.4,M,2.3,N,4.3,K*4F
\$GPZDA,073510,06,04,2014,00,00*4D
\$HEHDT,242.3,T*28
\$GPGBS,073510,000.0,000.0,000.0,17,0.05,-018.1,012.5*51
\$GPGGA,073511,3452.4041,N,07439.0085,W,2,8,0.3,11,M,,M,,*5C

PORT 4 04-06-2014 07:36:02
\$HEHDT,241.6,T*2E
\$GPGLL,3452.4041,N,07439.0085,W,073511,A*3C
\$GPRMC,073511,A,3452.4041,N,07439.0085,W,2.2,267.9,060414,11.9,w*46
\$GPVTG,267.9,T,279.8,M,2.2,N,4.1,K*45
\$GPZDA,073511,06,04,2014,00,00*4C
\$GPGBS,073511,000.0,000.0,000.0,17,0.05,-015.7,012.5*5B
\$HEHDT,240.7,T*2E
\$GPGGA,073512,3452.4039,N,07439.0092,W,2,8,0.3,11,M,,M,,*56

PORT 4 04-06-2014 07:36:03
\$GPGLL,3452.4039,N,07439.0092,W,073512,A*36
\$HEHDT,240.0,T*29
\$GPRMC,073512,A,3452.4039,N,07439.0092,W,2.2,266.9,060414,11.9,w*4D
\$GPVTG,266.9,T,278.8,M,2.2,N,4.1,K*45
\$GPZDA,073512,06,04,2014,00,00*4F
\$GPGBS,073512,000.0,000.0,000.0,17,0.05,-016.5,012.5*59
\$GPGGA,073513,3452.4039,N,07439.0092,W,2,8,0.3,11,M,,M,,*57
\$HEHDT,239.0,T*27

PORT 4 04-06-2014 07:36:04
\$GPGLL,3452.4039,N,07439.0092,W,073513,A*37
\$GPRMC,073513,A,3452.4039,N,07439.0092,W,2.2,265.4,060414,11.9,w*42
\$HEHDT,238.5,T*23
\$GPVTG,265.4,T,277.3,M,2.2,N,4.1,K*4F
\$GPZDA,073513,06,04,2014,00,00*4E
\$GPGBS,073513,000.0,000.0,000.0,17,0.05,-017.0,012.5*5C
\$GPGGA,073514,3452.4034,N,07439.0107,W,2,8,0.4,11,M,,M,,*57
\$HEHDT,238.0,T*26

PORT 4 04-06-2014 07:36:05
\$GPGLL,3452.4034,N,07439.0107,W,073514,A*30
\$GPRMC,073514,A,3452.4034,N,07439.0107,W,2.2,262.2,060414,11.9,w*44
\$GPVTG,262.2,T,274.1,M,2.2,N,4.1,K*4F
\$HEHDT,237.5,T*2C
\$GPZDA,073514,06,04,2014,00,00*49
\$GPGBS,073514,,,,,,*45
\$GPGGA,073515,3452.4030,N,07439.0114,W,2,8,0.4,11,M,,M,,*50
\$HEHDT,237.3,T*2A

PORT 4 04-06-2014 07:36:06
\$GPGLL,3452.4030,N,07439.0114,W,073515,A*37
\$GPRMC,073515,A,3452.4030,N,07439.0114,W,2.2,260.6,060414,11.9,w*45
\$GPVTG,260.6,T,272.5,M,2.2,N,4.1,K*4B
\$HEHDT,236.4,T*2C

S01_C04_survey.Log

\$GPZDA,073515,06,04,2014,00,00*48
\$GPGBS,073515,,,,,*44
\$GPGGA,073516,3452.4036,N,07439.0119,W,2,7,0.4,11,M,,M,,*57
\$HEHDT,235.6,T*2D

PORT 4 04-06-2014 07:36:07
\$GPGLL,3452.4036,N,07439.0119,W,073516,A*3F
\$GPRMC,073516,A,3452.4036,N,07439.0119,W,2.2,260.6,060414,11.9,W*4D
\$GPVTG,260.6,T,272.5,M,2.2,N,4.1,K*4B
\$GPZDA,073516,06,04,2014,00,00*4B
\$HEHDT,234.9,T*23
\$GPGBS,073516,014.6,005.1,008.6,05,0.05,0036.4,012.5*49
\$GPGGA,073517,3452.4034,N,07439.0125,W,2,7,0.3,11,M,,M,,*5C

PORT 4 04-06-2014 07:36:08
\$HEHDT,233.9,T*24
\$GPGLL,3452.4034,N,07439.0125,W,073517,A*33
\$GPRMC,073517,A,3452.4034,N,07439.0125,W,2.2,259.3,060414,11.9,W*4E
\$GPVTG,259.3,T,271.2,M,2.2,N,4.1,K*40
\$GPZDA,073517,06,04,2014,00,00*4A
\$GPGBS,073517,006.3,002.0,003.2,05,0.05,0022.8,012.5*4E
\$HEHDT,233.3,T*2E
\$GPGGA,073518,3452.4037,N,07439.0130,W,2,8,0.3,11,M,,M,,*5B

PORT 4 04-06-2014 07:36:09
\$GPGLL,3452.4037,N,07439.0130,W,073518,A*3B
\$HEHDT,232.7,T*2B
\$GPRMC,073518,A,3452.4037,N,07439.0130,W,2.2,258.2,060414,11.9,W*46
\$GPVTG,258.2,T,270.1,M,2.2,N,4.1,K*42
\$GPZDA,073518,06,04,2014,00,00*45
\$GPGBS,073518,014.4,003.5,006.1,05,0.05,0030.3,012.5*4F
\$GPGGA,073519,3452.4035,N,07439.0137,W,2,8,0.3,11,M,,M,,*5F
\$HEHDT,231.7,T*28

PORT 4 04-06-2014 07:36:10
\$GPGLL,3452.4035,N,07439.0137,W,073519,A*3F
\$GPRMC,073519,A,3452.4035,N,07439.0137,W,2.2,257.1,060414,11.9,W*4E
\$HEHDT,231.6,T*29
\$GPVTG,257.1,T,269.0,M,2.2,N,4.1,K*47
\$GPZDA,073519,06,04,2014,00,00*44
\$GPGBS,073519,007.0,002.3,003.3,05,0.05,0016.6,012.5*49
\$GPGGA,073520,3452.4034,N,07439.0143,W,2,8,0.3,11,M,,M,,*57
\$HEHDT,230.3,T*2D
PORT 12000 04-06-2014 07:36:10
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:36:11
\$GPGLL,3452.4034,N,07439.0143,W,073520,A*37
\$GPRMC,073520,A,3452.4034,N,07439.0143,W,2.1,256.0,060414,11.9,W*45
\$HEHDT,230.1,T*2F
\$GPVTG,256.0,T,267.9,M,2.1,N,3.9,K*4C
\$GPZDA,073520,06,04,2014,00,00*4E
\$GPGBS,073520,007.7,003.2,004.3,05,0.05,0016.6,012.5*43
\$GPGGA,073521,3452.4031,N,07439.0150,W,2,8,0.3,11,M,,M,,*51
\$HEHDT,229.8,T*2E

PORT 4 04-06-2014 07:36:13
\$GPGLL,3452.4031,N,07439.0150,W,073521,A*31
\$GPRMC,073521,A,3452.4031,N,07439.0150,W,2.2,254.5,060414,11.9,W*47
\$GPVTG,254.5,T,266.4,M,2.2,N,4.1,K*4B
\$GPZDA,073521,06,04,2014,00,00*4F
\$HEHDT,228.5,T*22
\$GPGBS,073521,007.0,002.1,003.5,05,0.05,0013.3,012.5*46

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\$GPGGA,073522,3452.4027,N,07439.0157,W,2,8,0.3,11,M,,M,,*52
\$HEHDT,228.4,T*23
\$GPGLL,3452.4027,N,07439.0157,W,073522,A*32
\$GPRMC,073522,A,3452.4027,N,07439.0157,W,2.2,252.9,060414,11.9,W*4E
\$GPVTG,252.9,T,264.8,M,2.2,N,4.1,K*4F
\$GPZDA,073522,06,04,2014,00,00*4C
\$GPGBS,073522,000.0,000.0,000.0,17,0.05,-015.7,012.5*5B
\$HEHDT,228.0,T*27
\$GPGGA,073523,3452.4024,N,07439.0162,W,2,8,0.3,11,M,,M,,*56

PORT 4 04-06-2014 07:36:14
\$HEHDT,227.4,T*2C
\$GPGLL,3452.4024,N,07439.0162,W,073523,A*36
\$GPRMC,073523,A,3452.4024,N,07439.0162,W,2.2,251.2,060414,11.9,W*42
\$GPVTG,251.2,T,263.1,M,2.2,N,4.1,K*49
\$GPZDA,073523,06,04,2014,00,00*4D
\$GPGBS,073523,006.7,002.2,004.2,05,0.05,0011.5,012.5*45
\$GPGGA,073524,3452.4020,N,07439.0166,W,2,8,0.3,11,M,,M,,*51
\$HEHDT,226.7,T*2E

PORT 4 04-06-2014 07:36:15
\$GPGLL,3452.4020,N,07439.0166,W,073524,A*31
\$GPRMC,073524,A,3452.4020,N,07439.0166,W,2.1,249.2,060414,11.9,W*4F
\$HEHDT,225.6,T*2C
\$GPVTG,249.2,T,261.1,M,2.1,N,3.9,K*4E
\$GPZDA,073524,06,04,2014,00,00*4A
\$GPGBS,073524,006.7,002.2,004.2,05,0.05,0011.7,012.5*40
\$GPGGA,073525,3452.4016,N,07439.0172,W,2,8,0.3,10,M,,M,,*51
\$HEHDT,225.2,T*28

PORT 4 04-06-2014 07:36:16
\$GPGLL,3452.4016,N,07439.0172,W,073525,A*30
\$GPRMC,073525,A,3452.4016,N,07439.0172,W,2.1,246.9,060414,11.9,W*4A
\$HEHDT,224.1,T*2A
\$GPVTG,246.9,T,258.8,M,2.1,N,3.9,K*49
\$GPZDA,073525,06,04,2014,00,00*4B
\$GPGBS,073525,000.0,000.0,000.0,17,0.05,-014.5,012.5*5F
\$GPGGA,073526,3452.4012,N,07439.0179,W,2,8,0.3,10,M,,M,,*5D
\$HEHDT,223.1,T*2D

PORT 4 04-06-2014 07:36:17
\$GPGLL,3452.4012,N,07439.0179,W,073526,A*3C
\$GPRMC,073526,A,3452.4012,N,07439.0179,W,2.1,244.7,060414,11.9,W*4A
\$GPVTG,244.7,T,256.6,M,2.1,N,3.9,K*45
\$HEHDT,222.7,T*2A
\$GPZDA,073526,06,04,2014,00,00*48
\$GPGBS,073526,000.0,000.0,000.0,17,0.05,-011.7,012.5*5B
\$GPGGA,073527,3452.4009,N,07439.0186,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,221.5,T*2B

PORT 4 04-06-2014 07:36:19
\$GPGLL,3452.4009,N,07439.0186,W,073527,A*37
\$GPRMC,073527,A,3452.4009,N,07439.0186,W,2.1,243.2,060414,11.9,W*43
\$GPVTG,243.2,T,255.1,M,2.1,N,3.9,K*43
\$GPZDA,073527,06,04,2014,00,00*49
\$GPGBS,073527,000.0,000.0,000.0,17,0.05,-014.2,012.5*5A
\$HEHDT,221.1,T*2F
\$GPGGA,073528,3452.4005,N,07439.0191,W,2,8,0.3,10,M,,M,,*53
\$HEHDT,220.1,T*2E
\$GPGLL,3452.4005,N,07439.0191,W,073528,A*32
\$GPRMC,073528,A,3452.4005,N,07439.0191,W,2.1,241.8,060414,11.9,W*4E
\$GPVTG,241.8,T,253.7,M,2.1,N,3.9,K*4B
\$GPZDA,073528,06,04,2014,00,00*46

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\$GPGBS,073528,005.7,001.8,003.0,05,0.05,0010.6,012.5*43
\$GPGGA,073529,3452.4001,N,07439.0197,W,2,8,0.3,10,M,,M,,*50
\$HEHDT,220.1,T*2E

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PORT 4 04-06-2014 07:36:20

\$GPGLL,3452.4001,N,07439.0197,W,073529,A*31
\$HEHDT,219.4,T*21
\$GPRMC,073529,A,3452.4001,N,07439.0197,W,2.1,240.7,060414,11.9,W*43
\$GPVTG,240.7,T,252.6,M,2.1,N,3.9,K*45
\$GPZDA,073529,06,04,2014,00,00*47
\$GPGBS,073529,004.7,001.9,002.7,05,0.05,0009.8,012.5*42
\$GPGGA,073530,3452.3997,N,07439.0201,W,2,8,0.3,10,M,,M,,*55
\$HEHDT,218.7,T*23

PORT 12000 04-06-2014 07:36:20

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:36:21

\$GPGLL,3452.3997,N,07439.0201,W,073530,A*34
\$GPRMC,073530,A,3452.3997,N,07439.0201,W,2.1,239.4,060414,11.9,W*4B
\$HEHDT,217.6,T*2D
\$GPVTG,239.4,T,251.3,M,2.1,N,3.9,K*4E
\$GPZDA,073530,06,04,2014,00,00*4F
\$GPGBS,073530,005.3,001.7,002.8,05,0.05,0009.7,012.5*41
\$GPGGA,073531,3452.3992,N,07439.0206,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,217.3,T*28

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PORT 4 04-06-2014 07:36:22

\$GPGLL,3452.3992,N,07439.0206,W,073531,A*37
\$GPRMC,073531,A,3452.3992,N,07439.0206,W,2.1,238.0,060414,11.9,W*4D
\$GPVTG,238.0,T,249.9,M,2.1,N,3.9,K*48
\$HEHDT,216.8,T*22
\$GPZDA,073531,06,04,2014,00,00*4E
\$GPGBS,073531,005.3,001.7,002.8,05,0.05,0009.5,012.5*42
\$GPGGA,073532,3452.3987,N,07439.0211,W,2,8,0.3,10,M,,M,,*57

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PORT 4 04-06-2014 07:36:23

\$HEHDT,215.5,T*2C
\$GPGLL,3452.3987,N,07439.0211,W,073532,A*36
\$GPRMC,073532,A,3452.3987,N,07439.0211,W,2.1,236.0,060414,11.9,W*42
\$GPVTG,236.0,T,247.9,M,2.1,N,3.9,K*48
\$GPZDA,073532,06,04,2014,00,00*4D
\$GPGBS,073532,005.3,001.8,003.2,05,0.05,0009.2,012.5*42
\$HEHDT,214.9,T*21
\$GPGGA,073533,3452.3983,N,07439.0215,W,2,8,0.3,10,M,,M,,*56

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PORT 4 04-06-2014 07:36:24

\$HEHDT,213.7,T*28
\$GPGLL,3452.3983,N,07439.0215,W,073533,A*37
\$GPRMC,073533,A,3452.3983,N,07439.0215,W,2.1,233.7,060414,11.9,W*41
\$GPVTG,233.7,T,245.6,M,2.1,N,3.9,K*47
\$GPZDA,073533,06,04,2014,00,00*4C
\$GPGBS,073533,005.0,001.8,003.0,05,0.05,0008.7,012.5*46
\$GPGGA,073534,3452.3978,N,07439.0219,W,2,8,0.3,9,M,,M,,*61
\$HEHDT,213.4,T*2B

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PORT 4 04-06-2014 07:36:25

\$GPGLL,3452.3978,N,07439.0219,W,073534,A*38
\$HEHDT,212.5,T*2B
\$GPRMC,073534,A,3452.3978,N,07439.0219,W,2.1,231.3,060414,11.9,W*48
\$GPVTG,231.3,T,243.2,M,2.1,N,3.9,K*43
\$GPZDA,073534,06,04,2014,00,00*4B
\$GPGBS,073534,000.0,000.0,000.0,17,0.05,-010.6,012.5*58
\$GPGGA,073535,3452.3973,N,07439.0224,W,2,8,0.3,9,M,,M,,*65

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\$HEHDT,212.4,T*2A

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PORT 4 04-06-2014 07:36:26

\$GPGLL,3452.3973,N,07439.0224,W,073535,A*3C

\$GPRMC,073535,A,3452.3973,N,07439.0224,W,2.1,229.4,060414,11.9,W*42

\$HEHDT,211.5,T*28

\$GPVTG,229.4,T,241.3,M,2.1,N,3.9,K*4E

\$GPZDA,073535,06,04,2014,00,00*4A

\$GPGGBS,073535,000.0,000.0,000.0,17,0.05,-010.6,012.5*59

\$GPGGA,073536,3452.3969,N,07439.0229,W,2,8,0.3,9,M,,M,,*60

\$HEHDT,210.7,T*2B

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PORT 4 04-06-2014 07:36:27

\$GPGLL,3452.3969,N,07439.0229,W,073536,A*39

\$GPRMC,073536,A,3452.3969,N,07439.0229,W,2.1,227.8,060414,11.9,W*45

\$GPVTG,227.8,T,239.7,M,2.1,N,3.9,K*47

\$GPZDA,073536,06,04,2014,00,00*49

\$HEHDT,210.3,T*2F

\$GPGGBS,073536,000.0,000.0,000.0,17,0.05,-010.1,012.5*5D

\$GPGGA,073537,3452.3962,N,07439.0233,W,2,8,0.3,9,M,,M,,*61

\$HEHDT,209.8,T*2C

\$GPGLL,3452.3962,N,07439.0233,W,073537,A*38

\$GPRMC,073537,A,3452.3962,N,07439.0233,W,2.1,224.8,060414,11.9,W*47

\$GPVTG,224.8,T,236.7,M,2.1,N,3.9,K*4B

\$GPZDA,073537,06,04,2014,00,00*48

\$GPGGBS,073537,,,,,,*44

\$GPGGA,073538,3452.3958,N,07439.0237,W,2,8,0.3,9,M,,M,,*63

\$HEHDT,209.2,T*26

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PORT 4 04-06-2014 07:36:28

\$GPGLL,3452.3958,N,07439.0237,W,073538,A*3A

\$HEHDT,208.1,T*24

\$GPRMC,073538,A,3452.3958,N,07439.0237,W,2.1,222.9,060414,11.9,W*42

\$GPVTG,222.9,T,234.8,M,2.1,N,3.9,K*41

\$GPZDA,073538,06,04,2014,00,00*47

\$GPGGBS,073538,,,,,,*4B

\$GPGGA,073539,3452.3952,N,07439.0240,W,2,8,0.3,9,M,,M,,*68

\$HEHDT,207.7,T*2D

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PORT 4 04-06-2014 07:36:29

\$GPGLL,3452.3952,N,07439.0240,W,073539,A*31

\$GPRMC,073539,A,3452.3952,N,07439.0240,W,2.1,222.9,060414,11.9,W*49

\$HEHDT,206.5,T*2E

\$GPVTG,222.9,T,234.8,M,2.1,N,3.9,K*41

\$GPZDA,073539,06,04,2014,00,00*46

\$GPGGBS,073539,,,,,,*4A

\$GPGGA,073540,3452.3947,N,07439.0244,W,2,8,0.3,9,M,,M,,*66

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PORT 4 04-06-2014 07:36:30

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\$HEHDT,204.6,T*2F

\$GPVTG,219.5,T,231.4,M,2.1,N,3.9,K*4C

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\$GPGGBS,073540,,,,,,*44

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PORT 4 04-06-2014 07:36:31

\$HEHDT,203.9,T*27

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\$GPRMC,073541,A,3452.3941,N,07439.0247,W,2.1,218.2,060414,11.9,w*41
\$GPVTG,218.2,T,230.1,M,2.1,N,3.9,K*4E
\$GPZDA,073541,06,04,2014,00,00*49
\$HEHDT,203.3,T*2D
\$GPGBS,073541,,,,,,,,*45
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PORT 4 04-06-2014 07:36:32
\$HEHDT,202.8,T*27
\$GPGLL,3452.3936,N,07439.0251,W,073542,A*3F
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\$GPVTG,218.2,T,230.1,M,2.1,N,3.9,K*4E
\$GPZDA,073542,06,04,2014,00,00*4A
\$GPGBS,073542,,,,,,,,*46
\$GPGGA,073543,3452.3936,N,07439.0251,W,2,8,0.3,9,M,,M,,*67
\$HEHDT,202.5,T*2A

PORT 4 04-06-2014 07:36:33
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\$GPZDA,073543,06,04,2014,00,00*4B
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PORT 4 04-06-2014 07:36:34
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\$HEHDT,200.6,T*2B
\$GPVTG,214.7,T,226.6,M,2.0,N,3.7,K*48
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\$GPVTG,212.5,T,224.4,M,2.0,N,3.7,K*4C
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PORT 4 04-06-2014 07:36:36
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\$GPVTG,208.5,T,220.4,M,2.1,N,3.9,K*4C
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\$GPZDA,073546,06,04,2014,00,00*4E
\$GPGBS,073546,,,,,,,,*42
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PORT 4 04-06-2014 07:36:37
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\$GPVTG,206.9,T,218.8,M,2.2,N,4.1,K*45
\$GPZDA,073547,06,04,2014,00,00*4F
\$GPGBS,073547,,,,,,,,*43

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\$HEHDT,195.0,T*22
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PORT 4 04-06-2014 07:36:38
\$HEHDT,194.6,T*25
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\$GPVTG,206.9,T,218.8,M,2.2,N,4.1,K*45
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PORT 4 04-06-2014 07:36:40
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\$HEHDT,193.4,T*20
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\$GPVTG,204.9,T,216.8,M,2.2,N,4.1,K*49
\$GPZDA,073549,06,04,2014,00,00*41
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\$GPVTG,203.1,T,215.0,M,2.2,N,4.1,K*4D
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\$GPRMC,073551,A,3452.3880,N,07439.0270,W,2.2,201.4,060414,11.9,W*45
\$HEHDT,190.6,T*21
\$GPVTG,201.4,T,213.3,M,2.2,N,4.1,K*4F
\$GPZDA,073551,06,04,2014,00,00*48
\$GPGBS,073551,,,,,,,,*44
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\$HEHDT,190.3,T*24

PORT 4 04-06-2014 07:36:43
\$GPGLL,3452.3875,N,07439.0273,W,073552,A*38
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\$GPVTG,199.6,T,211.5,M,2.2,N,4.1,K*4B
\$GPZDA,073552,06,04,2014,00,00*4B
\$GPGBS,073552,,,,,,,,*47
\$HEHDT,189.0,T*2F
\$GPGGA,073553,3452.3875,N,07439.0273,W,2,8,0.3,9,M,,M,,*60

PORT 4 04-06-2014 07:36:44
\$HEHDT,188.4,T*2A
\$GPGLL,3452.3875,N,07439.0273,W,073553,A*39
\$GPRMC,073553,A,3452.3875,N,07439.0273,W,2.2,198.1,060414,11.9,W*48
\$GPVTG,198.1,T,210.0,M,2.2,N,4.1,K*49
\$GPZDA,073553,06,04,2014,00,00*4A
\$GPGBS,073553,,,,,,,,*46
\$HEHDT,187.7,T*26
\$GPGGA,073554,3452.3862,N,07439.0273,W,2,8,0.3,8,M,,M,,*60

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$GPVTG,196.4,T,208.3,M,2.2,N,4.1,K*48
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PORT 4 04-06-2014 07:36:47
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$GPRMC,073556,A,3452.3848,N,07439.0273,W,2.2,191.4,060414,11.9,W*4F
$HEHDT,184.6,T*24
$GPVTG,191.4,T,203.3,M,2.2,N,4.1,K*44
$GPZDA,073556,06,04,2014,00,00*4F
$GPGBS,073556,,,,,,,,*43
$GPGGA,073557,3452.3842,N,07439.0273,W,2,8,0.3,8,M,,M,,*61
$HEHDT,184.6,T*24
$GPGLL,3452.3842,N,07439.0273,W,073557,A*39
$GPRMC,073557,A,3452.3842,N,07439.0273,W,2.3,189.1,060414,11.9,W*49
$GPVTG,189.1,T,201.0,M,2.3,N,4.3,K*4A
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$GPGBS,073557,,,,,,,,*42
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PORT 4 04-06-2014 07:36:48
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$GPRMC,073558,A,3452.3835,N,07439.0274,W,2.3,187.7,060414,11.9,W*49
$GPVTG,187.7,T,199.6,M,2.3,N,4.3,K*46
$GPZDA,073558,06,04,2014,00,00*41
$HEHDT,182.4,T*20
$GPGBS,073558,,,,,,,,*4D
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PORT 4 04-06-2014 07:36:49
$HEHDT,182.4,T*20
$GPGLL,3452.3829,N,07439.0276,W,073559,A*3F
$GPRMC,073559,A,3452.3829,N,07439.0276,W,2.3,187.1,060414,11.9,W*41
$GPVTG,187.1,T,199.0,M,2.3,N,4.3,K*46
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PORT 4 04-06-2014 07:36:51
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$HEHDT,181.2,T*25
$GPVTG,184.7,T,196.6,M,2.4,N,4.4,K*4A
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$HEHDT,181.2,T*25
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PORT 4 04-06-2014 07:36:53
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$GPVTG,182.9,T,194.8,M,2.4,N,4.4,K*4E
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PORT 4 04-06-2014 07:36:54
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$GPVTG,181.1,T,193.0,M,2.4,N,4.4,K*4A
$GPZDA,073603,06,04,2014,00,00*4C
$HEHDT,181.0,T*27
$GPGBS,073603,,,,,,,,*40
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$HEHDT,181.3,T*24
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PORT 4 04-06-2014 07:36:55
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$GPRMC,073604,A,3452.3801,N,07439.0271,W,2.5,179.0,060414,11.9,w*41
$GPVTG,179.0,T,190.9,M,2.5,N,4.6,K*45
$GPZDA,073604,06,04,2014,00,00*4B
$HEHDT,180.9,T*2F
$GPGBS,073604,,,,,,,,*47
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PORT 4 04-06-2014 07:36:56
$HEHDT,180.4,T*22
$GPGLL,3452.3800,N,07439.0271,W,073605,A*39
$GPRMC,073605,A,3452.3800,N,07439.0271,W,2.5,176.4,060414,11.9,w*4A
$GPVTG,176.4,T,188.3,M,2.5,N,4.6,K*4D
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$HEHDT,179.7,T*27
$GPVTG,174.0,T,185.9,M,2.5,N,4.6,K*4C
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$GPVTG,172.9,T,184.8,M,2.5,N,4.6,K*43
$HEHDT,180.2,T*24
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PORT 4 04-06-2014 07:36:59
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$GPVTG,172.9,T,184.8,M,2.6,N,4.8,K*4E
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$HEHDT,180.1,T*27
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$GPVTG,173.4,T,185.3,M,2.6,N,4.8,K*48
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$GPVTG,173.7,T,185.6,M,2.5,N,4.6,K*43
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PORT 4 04-06-2014 07:37:02
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$HEHDT,179.5,T*25
$GPVTG,171.9,T,183.8,M,2.6,N,4.8,K*4A
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\$GPRMC,073613,A,3452.3741,N,07439.0259,W,2.8,170.1,060414,11.9,w*43
\$HEHDT,179.6,T*26
\$GPVTG,170.1,T,182.0,M,2.8,N,5.2,K*4F
\$GPZDA,073613,06,04,2014,00,00*4D
\$GPGBS,073613,000.0,000.0,000.0,17,0.05,0014.4,012.5*45
\$GPGGA,073614,3452.3734,N,07439.0258,W,2,8,0.3,10,M,,M,,*5B
\$HEHDT,179.7,T*27

PORT 4 04-06-2014 07:37:05
\$GPGLL,3452.3734,N,07439.0258,W,073614,A*3A
\$GPRMC,073614,A,3452.3734,N,07439.0258,W,2.8,168.9,060414,11.9,w*46
\$GPVTG,168.9,T,180.8,M,2.8,N,5.2,K*44
\$GPZDA,073614,06,04,2014,00,00*4A
\$GPGBS,073614,000.0,000.0,000.0,17,0.05,0014.2,012.5*44
\$HEHDT,180.2,T*24
\$GPGGA,073615,3452.3725,N,07439.0257,W,2,8,0.3,10,M,,M,,*55

PORT 4 04-06-2014 07:37:06
\$HEHDT,180.4,T*22
\$GPGLL,3452.3725,N,07439.0257,W,073615,A*34
\$GPRMC,073615,A,3452.3725,N,07439.0257,W,2.8,168.7,060414,11.9,w*46
\$GPVTG,168.7,T,180.6,M,2.8,N,5.2,K*44
\$GPZDA,073615,06,04,2014,00,00*4B
\$GPGBS,073615,,,,,,*47
\$GPGGA,073616,3452.3716,N,07439.0256,W,2,7,0.4,10,M,,M,,*5F
\$HEHDT,180.6,T*20

PORT 4 04-06-2014 07:37:08
\$HEHDT,180.6,T*20
\$GPGLL,3452.3716,N,07439.0256,W,073616,A*36
\$GPRMC,073616,A,3452.3716,N,07439.0256,W,2.8,169.1,060414,11.9,w*43
\$GPVTG,169.1,T,181.0,M,2.8,N,5.2,K*44
\$GPZDA,073616,06,04,2014,00,00*48
\$GPGBS,073616,,,,,,*44
\$GPGGA,073617,3452.3710,N,07439.0258,W,2,7,0.4,10,M,,M,,*56
\$HEHDT,180.9,T*2F
\$GPGLL,3452.3710,N,07439.0258,W,073617,A*3F
\$GPRMC,073617,A,3452.3710,N,07439.0258,W,2.9,170.2,060414,11.9,w*40
\$HEHDT,180.6,T*20
\$GPVTG,170.2,T,182.1,M,2.9,N,5.4,K*4A
\$GPZDA,073617,06,04,2014,00,00*49
\$GPGBS,073617,000.0,000.0,000.0,17,0.05,0029.4,012.5*4F
\$GPGGA,073618,3452.3702,N,07439.0257,W,2,8,0.3,10,M,,M,,*5D
\$HEHDT,181.3,T*24

PORT 4 04-06-2014 07:37:09
\$GPGLL,3452.3702,N,07439.0257,W,073618,A*3C
\$GPRMC,073618,A,3452.3702,N,07439.0257,W,2.9,171.2,060414,11.9,w*42
\$GPVTG,171.2,T,183.1,M,2.9,N,5.4,K*4A
\$HEHDT,181.4,T*23
\$GPZDA,073618,06,04,2014,00,00*46
\$GPGBS,073618,,,,,,*4A
\$GPGGA,073619,3452.3694,N,07439.0253,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,181.5,T*22

PORT 4 04-06-2014 07:37:10
\$GPGLL,3452.3694,N,07439.0253,W,073619,A*37
\$GPRMC,073619,A,3452.3694,N,07439.0253,W,2.9,171.4,060414,11.9,w*4F
\$GPVTG,171.4,T,183.3,M,2.9,N,5.4,K*4E
\$GPZDA,073619,06,04,2014,00,00*47
\$GPGBS,073619,,,,,,*4B
\$HEHDT,181.9,T*2E

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\$GPGGA,073620,3452.3683,N,07439.0250,W,2,7,0.4,10,M,,M,,*51
PORT 12000 04-06-2014 07:37:10
\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:37:11

\$HEHDT,181.7,T*20
\$GPGLL,3452.3683,N,07439.0250,W,073620,A*38
\$GPRMC,073620,A,3452.3683,N,07439.0250,W,2.9,170.6,060414,11.9,W*43
\$GPVTG,170.6,T,182.5,M,2.9,N,5.4,K*4A
\$GPZDA,073620,06,04,2014,00,00*4D
\$GPGBS,073620,,,,,,,,*41
\$GPGGA,073621,3452.3672,N,07439.0248,W,2,7,0.4,10,M,,M,,*57
\$HEHDT,181.2,T*25

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PORT 4 04-06-2014 07:37:12

\$GPGLL,3452.3672,N,07439.0248,W,073621,A*3E
\$HEHDT,181.1,T*26
\$GPRMC,073621,A,3452.3672,N,07439.0248,W,2.9,169.5,060414,11.9,W*4E
\$GPVTG,169.5,T,181.4,M,2.9,N,5.4,K*43
\$GPZDA,073621,06,04,2014,00,00*4C
\$GPGBS,073621,,,,,,,,*40
\$GPGGA,073622,3452.3663,N,07439.0247,W,2,7,0.4,11,M,,M,,*5A
\$HEHDT,181.3,T*24

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PORT 4 04-06-2014 07:37:13

\$GPGLL,3452.3663,N,07439.0247,W,073622,A*32
\$GPRMC,073622,A,3452.3663,N,07439.0247,W,3.0,169.4,060414,11.9,W*4B
\$HEHDT,181.0,T*27
\$GPVTG,169.4,T,181.3,M,3.0,N,5.6,K*4F
\$GPZDA,073622,06,04,2014,00,00*4F
\$GPGBS,073622,,,,,,,,*43
\$GPGGA,073623,3452.3653,N,07439.0246,W,2,7,0.4,11,M,,M,,*59
\$HEHDT,181.2,T*25

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PORT 4 04-06-2014 07:37:14

\$GPGLL,3452.3653,N,07439.0246,W,073623,A*31
\$GPRMC,073623,A,3452.3653,N,07439.0246,W,3.0,170.0,060414,11.9,W*44
\$GPVTG,170.0,T,181.9,M,3.0,N,5.6,K*49
\$HEHDT,180.9,T*2F
\$GPZDA,073623,06,04,2014,00,00*4E
\$GPGBS,073623,,,,,,,,*42
\$GPGGA,073624,3452.3644,N,07439.0244,W,2,7,0.4,11,M,,M,,*5A
\$HEHDT,181.4,T*23
\$GPGLL,3452.3644,N,07439.0244,W,073624,A*32
\$GPRMC,073624,A,3452.3644,N,07439.0244,W,3.0,170.7,060414,11.9,W*40
\$GPVTG,170.7,T,182.6,M,3.0,N,5.6,K*42
\$GPZDA,073624,06,04,2014,00,00*49
\$GPGBS,073624,,,,,,,,*45
\$HEHDT,181.4,T*23
\$GPGGA,073625,3452.3633,N,07439.0242,W,2,7,0.4,11,M,,M,,*5D

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PORT 4 04-06-2014 07:37:15

\$HEHDT,181.5,T*22
\$GPGLL,3452.3633,N,07439.0242,W,073625,A*35
\$GPRMC,073625,A,3452.3633,N,07439.0242,W,3.0,171.1,060414,11.9,W*40
\$GPVTG,171.1,T,183.0,M,3.0,N,5.6,K*42
\$GPZDA,073625,06,04,2014,00,00*48
\$GPGBS,073625,,,,,,,,*44
\$GPGGA,073626,3452.3622,N,07439.0241,W,2,7,0.4,11,M,,M,,*5D
\$HEHDT,181.5,T*22

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PORT 4 04-06-2014 07:37:16

\$GPGLL,3452.3622,N,07439.0241,W,073626,A*35

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\$HEHDT,181.1,T*26
\$GPRMC,073626,A,3452.3622,N,07439.0241,W,3.1,171.3,060414,11.9,W*43
\$GPVTG,171.3,T,183.2,M,3.1,N,5.7,K*42
\$GPZDA,073626,06,04,2014,00,00*4B
\$GPGBS,073626,,,,,,,,*47
\$GPGGA,073627,3452.3612,N,07439.0240,W,2,7,0.4,11,M,,M,,*5E
\$HEHDT,181.3,T*24

PORT 4 04-06-2014 07:37:17
\$GPGLL,3452.3612,N,07439.0240,W,073627,A*36
\$GPRMC,073627,A,3452.3612,N,07439.0240,W,3.2,171.8,060414,11.9,W*48
\$HEHDT,181.2,T*25
\$GPVTG,171.8,T,183.7,M,3.2,N,5.9,K*41
\$GPZDA,073627,06,04,2014,00,00*4A
\$GPGBS,073627,,,,,,,,*46
\$GPGGA,073628,3452.3602,N,07439.0238,W,2,7,0.4,11,M,,M,,*5F
\$HEHDT,180.3,T*25

PORT 4 04-06-2014 07:37:18
\$GPGLL,3452.3602,N,07439.0238,W,073628,A*37
\$GPRMC,073628,A,3452.3602,N,07439.0238,W,3.2,172.1,060414,11.9,W*43
\$HEHDT,180.5,T*23
\$GPVTG,172.1,T,184.0,M,3.2,N,5.9,K*4B
\$GPZDA,073628,06,04,2014,00,00*45
\$GPGBS,073628,,,,,,,,*49
\$GPGGA,073629,3452.3593,N,07439.0236,W,2,7,0.4,11,M,,M,,*5B
\$HEHDT,180.4,T*22

PORT 4 04-06-2014 07:37:19
\$GPGLL,3452.3593,N,07439.0236,W,073629,A*33
\$GPRMC,073629,A,3452.3593,N,07439.0236,W,3.2,172.2,060414,11.9,W*44
\$GPVTG,172.2,T,184.1,M,3.2,N,5.9,K*49
\$GPZDA,073629,06,04,2014,00,00*44
\$HEHDT,180.4,T*22
\$GPGBS,073629,,,,,,,,*48
\$GPGGA,073630,3452.3582,N,07439.0234,W,2,7,0.4,11,M,,M,,*51
PORT 12000 04-06-2014 07:37:19
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PORT 4 04-06-2014 07:37:21
\$HEHDT,180.4,T*22
\$GPGLL,3452.3582,N,07439.0234,W,073630,A*39
\$GPRMC,073630,A,3452.3582,N,07439.0234,W,3.2,172.3,060414,11.9,W*4F
\$GPVTG,172.3,T,184.2,M,3.2,N,5.9,K*4B
\$GPZDA,073630,06,04,2014,00,00*4C
\$GPGBS,073630,,,,,,,,*40
\$GPGGA,073631,3452.3570,N,07439.0232,W,2,7,0.4,11,M,,M,,*5B
\$HEHDT,180.4,T*22

PORT 4 04-06-2014 07:37:22
\$GPGLL,3452.3570,N,07439.0232,W,073631,A*33
\$HEHDT,180.3,T*25
\$GPRMC,073631,A,3452.3570,N,07439.0232,W,3.3,172.2,060414,11.9,W*45
\$GPVTG,172.2,T,184.1,M,3.3,N,6.1,K*43
\$GPZDA,073631,06,04,2014,00,00*4D
\$GPGBS,073631,,,,,,,,*41
\$GPGGA,073632,3452.3560,N,07439.0231,W,2,7,0.4,11,M,,M,,*5A
\$HEHDT,180.5,T*23

PORT 4 04-06-2014 07:37:23
\$GPGLL,3452.3560,N,07439.0231,W,073632,A*32
\$GPRMC,073632,A,3452.3560,N,07439.0231,W,3.4,172.1,060414,11.9,W*40
\$HEHDT,180.4,T*22

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\$GPVTG,172.1,T,184.0,M,3.4,N,6.3,K*44
\$GPZDA,073632,06,04,2014,00,00*4E
\$GPGBS,073632,,,,,,*42
\$GPGGA,073633,3452.3550,N,07439.0229,W,2,7,0.4,11,M,,M,,*51
\$HEHDT,180.2,T*24

PORT 4 04-06-2014 07:37:24
\$GPGLL,3452.3550,N,07439.0229,W,073633,A*39
\$GPRMC,073633,A,3452.3550,N,07439.0229,W,3.4,172.1,060414,11.9,W*4B
\$HEHDT,180.1,T*27
\$GPVTG,172.1,T,184.0,M,3.4,N,6.3,K*44
\$GPZDA,073633,06,04,2014,00,00*4F
\$GPGBS,073633,,,,,,*43
\$GPGGA,073634,3452.3539,N,07439.0228,W,2,7,0.4,11,M,,M,,*58
\$HEHDT,180.6,T*20

PORT 5 04-06-2014 07:37:28
IN
PORT 4 04-06-2014 07:37:28
\$GPGLL,3452.3550,N,07439.0229,W,073633,A*39
\$GPRMC,073633,A,3452.3550,N,07439.0229,W,3.4,172.1,060414,11.9,W*4B
\$HEHDT,180.1,T*27
\$GPVTG,172.1,T,184.0,M,3.4,N,6.3,K*44
\$GPZDA,073633,06,04,2014,00,00*4F
\$GPGBS,073633,,,,,,*43
\$GPGGA,073634,3452.3539,N,07439.0228,W,2,7,0.4,11,M,,M,,*58
\$HEHDT,180.6,T*20
\$GPGLL,3452.3539,N,07439.0228,W,073634,A*30
\$GPRMC,073634,A,3452.3539,N,07439.0228,W,3.5,172.3,060414,11.9,W*41
\$HEHDT,179.8,T*28
\$GPVTG,172.3,T,184.2,M,3.5,N,6.5,K*43
\$GPZDA,073634,06,04,2014,00,00*48
\$GPGBS,073634,,,,,,*44
\$GPGGA,073635,3452.3528,N,07439.0226,W,2,7,0.4,11,M,,M,,*57
\$HEHDT,180.2,T*24
\$GPGLL,3452.3528,N,07439.0226,W,073635,A*3F
\$GPRMC,073635,A,3452.3528,N,07439.0226,W,3.5,172.6,060414,11.9,W*4B
\$GPVTG,172.6,T,184.5,M,3.5,N,6.5,K*41
\$GPZDA,073635,06,04,2014,00,00*49
\$HEHDT,180.1,T*27
\$GPGBS,073635,,,,,,*45
\$GPGGA,073636,3452.3518,N,07439.0223,W,2,7,0.4,11,M,,M,,*52
\$HEHDT,179.8,T*28
\$GPGLL,3452.3518,N,07439.0223,W,073636,A*3A
\$GPRMC,073636,A,3452.3518,N,07439.0223,W,3.5,172.4,060414,11.9,W*4C
\$GPVTG,172.4,T,184.3,M,3.5,N,6.5,K*45
\$GPZDA,073636,06,04,2014,00,00*4A
\$GPGBS,073636,,,,,,*46
\$GPGGA,073637,3452.3507,N,07439.0221,W,2,7,0.4,11,M,,M,,*5F
\$HEHDT,180.0,T*26
\$HEHDT,179.4,T*24
\$GPGLL,3452.3507,N,07439.0221,W,073637,A*37
\$GPRMC,073637,A,3452.3507,N,07439.0221,W,3.6,171.9,060414,11.9,W*4C
\$GPVTG,171.9,T,183.8,M,3.6,N,6.7,K*46
\$GPZDA,073637,06,04,2014,00,00*4B
\$GPGBS,073637,,,,,,*47
\$GPGGA,073638,3452.3495,N,07439.0219,W,2,7,0.4,11,M,,M,,*51
\$HEHDT,179.1,T*21
\$GPGLL,3452.3495,N,07439.0219,W,073638,A*39
\$GPRMC,073638,A,3452.3495,N,07439.0219,W,3.6,171.6,060414,11.9,W*4D
\$HEHDT,179.4,T*24
\$GPVTG,171.6,T,183.5,M,3.6,N,6.7,K*44
\$GPZDA,073638,06,04,2014,00,00*44

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\$GPGBS,073638,,,,,,,,*48
\$GPGBA,073639,3452.3482,N,07439.0217,W,2,7,0.4,11,M,,M,,*58

PORT 4 04-06-2014 07:37:29
\$HEHDT,179.2,T*22
\$GPGLL,3452.3482,N,07439.0217,W,073639,A*30
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\$HEHDT,179.4,T*24
\$GPVTG,171.7,T,183.6,M,3.7,N,6.9,K*49
\$GPZDA,073639,06,04,2014,00,00*45
\$GPGBS,073639,,,,,,,,*49
\$GPGBA,073640,3452.3471,N,07439.0214,W,2,6,0.6,11,M,,M,,*5A
PORT 12000 04-06-2014 07:37:29
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:37:30
\$HEHDT,179.8,T*28
\$GPGLL,3452.3471,N,07439.0214,W,073640,A*31
\$GPRMC,073640,A,3452.3471,N,07439.0214,W,3.8,172.2,060414,11.9,W*4C
\$GPVTG,172.2,T,184.1,M,3.8,N,7.0,K*48
\$GPZDA,073640,06,04,2014,00,00*4B
\$HEHDT,179.4,T*24
\$GPGBS,073640,,,,,,,,*47
\$GPGBA,073641,3452.3459,N,07439.0211,W,2,6,0.6,11,M,,M,,*54

PORT 5 04-06-2014 07:37:31
04199 mS
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PORT 4 04-06-2014 07:37:31
\$HEHDT,180.0,T*26
\$GPGLL,3452.3459,N,07439.0211,W,073641,A*3F
\$GPRMC,073641,A,3452.3459,N,07439.0211,W,3.8,172.2,060414,11.9,W*42
\$GPVTG,172.2,T,184.1,M,3.8,N,7.0,K*48
\$GPZDA,073641,06,04,2014,00,00*4A
\$GPGBS,073641,,,,,,,,*46
\$GPGBA,073642,3452.3449,N,07439.0208,W,2,6,0.6,11,M,,M,,*5E
\$HEHDT,180.0,T*26

PORT 4 04-06-2014 07:37:32
\$HEHDT,180.2,T*24
\$GPGLL,3452.3449,N,07439.0208,W,073642,A*35
\$GPRMC,073642,A,3452.3449,N,07439.0208,W,3.9,171.9,060414,11.9,W*41
\$GPVTG,171.9,T,183.8,M,3.9,N,7.2,K*4D
\$GPZDA,073642,06,04,2014,00,00*49
\$GPGBS,073642,,,,,,,,*45
\$GPGBA,073643,3452.3438,N,07439.0208,W,1,6,1.4,11,M,,M,,*59
\$HEHDT,180.5,T*23

PORT 4 04-06-2014 07:37:34
\$GPGLL,3452.3438,N,07439.0208,W,073643,A*32
\$GPRMC,073643,A,3452.3438,N,07439.0208,W,3.9,171.3,060414,11.9,W*4C
\$HEHDT,180.4,T*22
\$GPVTG,171.3,T,183.2,M,3.9,N,7.2,K*4D
\$GPZDA,073643,06,04,2014,00,00*48
\$GPGBS,073643,,,,,,,,*44
\$GPGBA,073644,3452.3427,N,07439.0208,W,2,5,0.5,10,M,,M,,*51
\$HEHDT,180.2,T*24

PORT 4 04-06-2014 07:37:35
\$GPGLL,3452.3427,N,07439.0208,W,073644,A*3B
\$GPRMC,073644,A,3452.3427,N,07439.0208,W,4.0,171.5,060414,11.9,W*4D
\$HEHDT,179.8,T*28
\$GPVTG,171.5,T,183.4,M,4.0,N,7.4,K*45

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\$GPZDA,073644,06,04,2014,00,00*4F
\$GPGBS,073644,,,,,,,,*43
\$GPGGA,073645,3452.3414,N,07439.0207,W,2,5,0.5,10,M,,M,,*5F
\$HEHDT,179.7,T*27

PORT 4 04-06-2014 07:37:36
\$GPGLL,3452.3414,N,07439.0207,W,073645,A*35
\$GPRMC,073645,A,3452.3414,N,07439.0207,W,4.0,172.3,060414,11.9,W*46
\$GPVTG,172.3,T,184.2,M,4.0,N,7.4,K*41
\$HEHDT,179.7,T*27
\$GPZDA,073645,06,04,2014,00,00*4E
\$GPGBS,073645,,,,,,,,*42
\$GPGGA,073646,3452.3402,N,07439.0205,W,1,7,1.8,10,M,,M,,*54
\$HEHDT,180.0,T*26
\$GPGLL,3452.3402,N,07439.0205,W,073646,A*33
\$GPRMC,073646,A,3452.3402,N,07439.0205,W,4.0,172.7,060414,11.9,W*44
\$GPVTG,172.7,T,184.6,M,4.0,N,7.4,K*41
\$GPZDA,073646,06,04,2014,00,00*4D
\$GPGBS,073646,,,,,,,,*41
\$HEHDT,179.3,T*23
\$GPGGA,073647,3452.3391,N,07439.0202,W,2,7,0.4,10,M,,M,,*51

PORT 4 04-06-2014 07:37:37
\$HEHDT,180.1,T*27
\$GPGLL,3452.3391,N,07439.0202,W,073647,A*38
\$GPRMC,073647,A,3452.3391,N,07439.0202,W,4.1,172.3,060414,11.9,W*4A
\$GPVTG,172.3,T,184.2,M,4.1,N,7.6,K*42
\$GPZDA,073647,06,04,2014,00,00*4C
\$GPGBS,073647,,,,,,,,*40
\$GPGGA,073648,3452.3380,N,07439.0200,W,2,5,0.5,10,M,,M,,*5F
\$HEHDT,181.0,T*27

PORT 4 04-06-2014 07:37:38
\$GPGLL,3452.3380,N,07439.0200,W,073648,A*35
\$HEHDT,181.3,T*24
\$GPRMC,073648,A,3452.3380,N,07439.0200,W,4.1,171.7,060414,11.9,W*40
\$GPVTG,171.7,T,183.6,M,4.1,N,7.6,K*46
\$GPZDA,073648,06,04,2014,00,00*43
\$GPGBS,073648,,,,,,,,*4F
\$GPGGA,073649,3452.3367,N,07439.0198,W,2,5,0.5,10,M,,M,,*55
\$HEHDT,181.9,T*2E

PORT 4 04-06-2014 07:37:40
\$GPGLL,3452.3367,N,07439.0198,W,073649,A*3F
\$GPRMC,073649,A,3452.3367,N,07439.0198,W,4.1,171.7,060414,11.9,W*4A
\$HEHDT,182.0,T*24
\$GPVTG,171.7,T,183.6,M,4.1,N,7.6,K*46
\$GPZDA,073649,06,04,2014,00,00*42
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\$HEHDT,182.2,T*26
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PORT 4 04-06-2014 07:37:41
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\$GPRMC,073650,A,3452.3354,N,07439.0196,W,4.1,171.8,060414,11.9,W*43
\$GPVTG,171.8,T,183.7,M,4.1,N,7.6,K*48
\$HEHDT,181.5,T*22
\$GPZDA,073650,06,04,2014,00,00*4A
\$GPGBS,073650,,,,,,,,*46
\$GPGGA,073651,3452.3340,N,07439.0193,W,2,7,0.4,10,M,,M,,*51
\$HEHDT,181.0,T*27

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$GPVTG,171.5,T,183.4,M,4.2,N,7.8,K*4B
$HEHDT,180.8,T*2E
$GPZDA,073651,06,04,2014,00,00*4B
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PORT 4 04-06-2014 07:37:43
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$GPRMC,073652,A,3452.3330,N,07439.0193,W,4.3,171.5,060414,11.9,w*49
$GPVTG,171.5,T,183.4,M,4.3,N,8.0,K*4D
$GPZDA,073652,06,04,2014,00,00*48
$GPGBS,073652,000.0,000.0,000.0,17,0.05,0014.1,012.5*45
$HEHDT,180.7,T*21
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PORT 4 04-06-2014 07:37:44
$GPGLL,3452.3320,N,07439.0195,W,073653,A*3A
$HEHDT,180.9,T*2F
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$GPVTG,172.1,T,184.0,M,4.3,N,8.0,K*49
$GPZDA,073653,06,04,2014,00,00*49
$GPGBS,073653,,,,,,,,*45
$GPGGA,073654,3452.3311,N,07439.0197,W,2,8,0.3,10,M,,M,,*5C
$HEHDT,181.5,T*22
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PORT 4 04-06-2014 07:37:45
$GPGLL,3452.3311,N,07439.0197,W,073654,A*3D
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$HEHDT,182.4,T*20
$GPVTG,173.4,T,185.3,M,4.2,N,7.8,K*49
$GPZDA,073654,06,04,2014,00,00*4E
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$HEHDT,182.3,T*27
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PORT 4 04-06-2014 07:37:46
$GPGLL,3452.3297,N,07439.0195,W,073655,A*31
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$GPVTG,174.8,T,186.7,M,4.2,N,7.8,K*45
$HEHDT,182.6,T*22
$GPZDA,073655,06,04,2014,00,00*4F
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$GPGGA,073656,3452.3282,N,07439.0193,W,2,7,0.4,10,M,,M,,*59
$HEHDT,182.6,T*22
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PORT 4 04-06-2014 07:37:47
$GPGLL,3452.3282,N,07439.0193,W,073656,A*30
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$GPVTG,175.3,T,187.2,M,4.3,N,8.0,K*4D
$GPZDA,073656,06,04,2014,00,00*4C
$HEHDT,182.6,T*22
$GPGBS,073656,,,,,,,,*40
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PORT 4 04-06-2014 07:37:48
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$GPRMC,073657,A,3452.3268,N,07439.0191,W,4.4,175.2,060414,11.9,w*46
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\$GPVTG,175.2,T,187.1,M,4.4,N,8.1,K*49
\$GPZDA,073657,06,04,2014,00,00*4D
\$GPGBS,073657,,,,,,,,*41
\$GPGGA,073658,3452.3255,N,07439.0189,W,2,7,0.4,10,M,,M,,*56
\$HEHDT,182.6,T*22
\$GPGLL,3452.3255,N,07439.0189,W,073658,A*3F
\$HEHDT,182.3,T*27
\$GPRMC,073658,A,3452.3255,N,07439.0189,W,4.4,174.9,060414,11.9,W*44
\$GPVTG,174.9,T,186.8,M,4.4,N,8.1,K*4B
\$GPZDA,073658,06,04,2014,00,00*42
\$GPGBS,073658,,,,,,,,*4E
\$GPGGA,073659,3452.3242,N,07439.0187,W,2,7,0.4,10,M,,M,,*5F
\$HEHDT,182.4,T*20

PORT 4 04-06-2014 07:37:49
\$GPGLL,3452.3242,N,07439.0187,W,073659,A*36
\$GPRMC,073659,A,3452.3242,N,07439.0187,W,4.4,174.6,060414,11.9,W*42
\$HEHDT,182.4,T*20
\$GPVTG,174.6,T,186.5,M,4.4,N,8.1,K*49
\$GPZDA,073659,06,04,2014,00,00*43
\$GPGBS,073659,,,,,,,,*4F
\$GPGGA,073700,3452.3229,N,07439.0184,W,2,7,0.4,10,M,,M,,*5C
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PORT 12000 04-06-2014 07:37:49
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PORT 4 04-06-2014 07:37:51
\$GPGLL,3452.3229,N,07439.0184,W,073700,A*35
\$GPRMC,073700,A,3452.3229,N,07439.0184,W,4.4,174.2,060414,11.9,W*45
\$HEHDT,182.4,T*20
\$GPVTG,174.2,T,186.1,M,4.4,N,8.1,K*49
\$GPZDA,073700,06,04,2014,00,00*4E
\$GPGBS,073700,,,,,,,,*42
\$GPGGA,073701,3452.3217,N,07439.0182,W,2,7,0.4,10,M,,M,,*56
\$HEHDT,182.5,T*21

PORT 4 04-06-2014 07:37:52
\$GPGLL,3452.3217,N,07439.0182,W,073701,A*3F
\$GPRMC,073701,A,3452.3217,N,07439.0182,W,4.4,173.6,060414,11.9,W*4C
\$GPVTG,173.6,T,185.5,M,4.4,N,8.1,K*4D
\$GPZDA,073701,06,04,2014,00,00*4F
\$HEHDT,182.7,T*23
\$GPGBS,073701,,,,,,,,*43
\$GPGGA,073702,3452.3203,N,07439.0181,W,2,7,0.4,10,M,,M,,*53
\$HEHDT,183.0,T*25

PORT 4 04-06-2014 07:37:53
\$GPGLL,3452.3203,N,07439.0181,W,073702,A*3A
\$GPRMC,073702,A,3452.3203,N,07439.0181,W,4.4,173.5,060414,11.9,W*4A
\$GPVTG,173.5,T,185.4,M,4.4,N,8.1,K*4F
\$GPZDA,073702,06,04,2014,00,00*4C
\$GPGBS,073702,,,,,,,,*40
\$GPGGA,073703,3452.3188,N,07439.0179,W,2,7,0.4,10,M,,M,,*55
\$HEHDT,183.2,T*27

PORT 4 04-06-2014 07:37:54
\$HEHDT,183.4,T*21
\$GPGLL,3452.3188,N,07439.0179,W,073703,A*3C
\$GPRMC,073703,A,3452.3188,N,07439.0179,W,4.4,173.9,060414,11.9,W*40
\$GPVTG,173.9,T,185.8,M,4.4,N,8.1,K*4F
\$GPZDA,073703,06,04,2014,00,00*4D
\$GPGBS,073703,,,,,,,,*41
\$GPGGA,073704,3452.3174,N,07439.0178,W,2,8,0.3,10,M,,M,,*58

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\$HEHDT,183.0,T*25

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PORT 4 04-06-2014 07:37:55

\$GPGLL,3452.3174,N,07439.0178,W,073704,A*39

\$GPRMC,073704,A,3452.3174,N,07439.0178,W,4.4,174.4,060414,11.9,W*4F

\$HEHDT,182.9,T*2D

\$GPVTG,174.4,T,186.3,M,4.4,N,8.1,K*4D

\$GPZDA,073704,06,04,2014,00,00*4A

\$GPGBS,073704,,,,,,,,*46

\$GPGGA,073705,3452.3160,N,07439.0179,W,2,8,0.3,10,M,,M,,*5D

\$HEHDT,182.6,T*22

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PORT 4 04-06-2014 07:37:56

\$GPGLL,3452.3160,N,07439.0179,W,073705,A*3C

\$GPRMC,073705,A,3452.3160,N,07439.0179,W,4.5,175.4,060414,11.9,W*4A

\$HEHDT,182.5,T*21

\$GPVTG,175.4,T,187.3,M,4.5,N,8.3,K*4E

\$GPZDA,073705,06,04,2014,00,00*4B

\$GPGBS,073705,,,,,,,,*47

\$GPGGA,073706,3452.3148,N,07439.0179,W,2,7,0.4,10,M,,M,,*5C

\$HEHDT,182.5,T*21

\$GPGLL,3452.3148,N,07439.0179,W,073706,A*35

\$GPRMC,073706,A,3452.3148,N,07439.0179,W,4.4,176.7,060414,11.9,W*42

\$GPVTG,176.7,T,188.6,M,4.4,N,8.1,K*47

\$HEHDT,182.5,T*21

\$GPZDA,073706,06,04,2014,00,00*48

\$GPGBS,073706,,,,,,,,*44

\$GPGGA,073707,3452.3135,N,07439.0178,W,2,7,0.4,10,M,,M,,*56

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PORT 4 04-06-2014 07:37:57

\$HEHDT,182.7,T*23

\$GPGLL,3452.3135,N,07439.0178,W,073707,A*3F

\$GPRMC,073707,A,3452.3135,N,07439.0178,W,4.4,177.4,060414,11.9,W*4A

\$GPVTG,177.4,T,189.3,M,4.4,N,8.1,K*41

\$GPZDA,073707,06,04,2014,00,00*49

\$HEHDT,183.3,T*26

\$GPGBS,073707,,,,,,,,*45

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PORT 4 04-06-2014 07:37:58

\$HEHDT,182.9,T*2D

\$GPGLL,3452.3122,N,07439.0177,W,073708,A*39

\$GPRMC,073708,A,3452.3122,N,07439.0177,W,4.5,177.6,060414,11.9,W*4F

\$GPVTG,177.6,T,189.5,M,4.5,N,8.3,K*46

\$GPZDA,073708,06,04,2014,00,00*46

\$GPGBS,073708,,,,,,,,*4A

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\$HEHDT,183.4,T*21

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PORT 4 04-06-2014 07:37:59

\$GPGLL,3452.3109,N,07439.0174,W,073709,A*32

\$HEHDT,184.0,T*22

\$GPRMC,073709,A,3452.3109,N,07439.0174,W,4.5,177.0,060414,11.9,W*42

\$GPVTG,177.0,T,188.9,M,4.5,N,8.3,K*4D

\$GPZDA,073709,06,04,2014,00,00*47

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\$HEHDT,183.6,T*23

PORT 12000 04-06-2014 07:37:59

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PORT 4 04-06-2014 07:38:00

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\$HEHDT,183.6,T*23
\$GPRMC,073710,A,3452.3098,N,07439.0171,W,4.6,175.8,060414,11.9,W*4F
\$GPVTG,175.8,T,187.7,M,4.6,N,8.5,K*43
\$GPZDA,073710,06,04,2014,00,00*4F
\$GPGBS,073710,,,,,,,,*43
\$GPGGA,073711,3452.3088,N,07439.0170,W,2,7,0.3,10,M,,M,,*59
\$HEHDT,183.4,T*21

PORT 4 04-06-2014 07:38:02
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\$GPRMC,073711,A,3452.3088,N,07439.0170,W,4.6,174.4,060414,11.9,W*43
\$HEHDT,183.8,T*2D
\$GPVTG,174.4,T,186.3,M,4.6,N,8.5,K*4B
\$GPZDA,073711,06,04,2014,00,00*4E
\$GPGBS,073711,000.0,000.0,000.0,17,0.05,0017.6,012.5*47
\$GPGGA,073712,3452.3077,N,07439.0171,W,2,6,0.4,10,M,,M,,*5D
\$HEHDT,183.8,T*2D

PORT 4 04-06-2014 07:38:03
\$GPGLL,3452.3077,N,07439.0171,W,073712,A*35
\$GPRMC,073712,A,3452.3077,N,07439.0171,W,4.6,173.9,060414,11.9,W*4B
\$GPVTG,173.9,T,185.8,M,4.6,N,8.5,K*49
\$GPZDA,073712,06,04,2014,00,00*4D
\$HEHDT,183.8,T*2D
\$GPGBS,073712,,,,,,,,*41
\$GPGGA,073713,3452.3064,N,07439.0172,W,2,6,0.4,10,M,,M,,*5D

PORT 4 04-06-2014 07:38:04
\$HEHDT,184.0,T*22
\$GPGLL,3452.3064,N,07439.0172,W,073713,A*35
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\$GPVTG,174.4,T,186.3,M,4.6,N,8.5,K*4B
\$GPZDA,073713,06,04,2014,00,00*4C
\$GPGBS,073713,,,,,,,,*40
\$GPGGA,073714,3452.3052,N,07439.0173,W,2,6,0.4,10,M,,M,,*5E
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PORT 4 04-06-2014 07:38:05
\$GPGLL,3452.3052,N,07439.0173,W,073714,A*36
\$HEHDT,183.5,T*20
\$GPRMC,073714,A,3452.3052,N,07439.0173,W,4.6,175.8,060414,11.9,W*4F
\$GPVTG,175.8,T,187.7,M,4.6,N,8.5,K*43
\$GPZDA,073714,06,04,2014,00,00*4B
\$GPGBS,073714,,,,,,,,*47
\$GPGGA,073715,3452.3038,N,07439.0173,W,2,6,0.4,10,M,,M,,*53
\$HEHDT,183.7,T*22

PORT 4 04-06-2014 07:38:06
\$HEHDT,184.3,T*21
\$GPGLL,3452.3038,N,07439.0173,W,073715,A*3B
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\$GPVTG,177.5,T,189.4,M,4.6,N,8.5,K*41
\$GPZDA,073715,06,04,2014,00,00*4A
\$GPGBS,073715,,,,,,,,*46
\$GPGGA,073716,3452.3026,N,07439.0175,W,2,5,0.6,10,M,,M,,*58
\$HEHDT,184.8,T*2A

PORT 4 04-06-2014 07:38:07
\$GPGLL,3452.3026,N,07439.0175,W,073716,A*31
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\$HEHDT,184.3,T*21
\$GPVTG,179.1,T,191.0,M,4.6,N,8.5,K*46
\$GPZDA,073716,06,04,2014,00,00*49

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\$GPGBS,073716,000.0,000.0,000.0,17,0.05,0015.3,012.5*47
\$GPGGA,073717,3452.3015,N,07439.0174,W,2,5,0.4,10,M,,M,,*5A
\$HEHDT,184.5,T*27

PORT 4 04-06-2014 07:38:08
\$GPGLL,3452.3015,N,07439.0174,W,073717,A*31
\$GPRMC,073717,A,3452.3015,N,07439.0174,W,4.6,179.6,060414,11.9,W*4A
\$GPVTG,179.6,T,191.5,M,4.6,N,8.5,K*44
\$GPZDA,073717,06,04,2014,00,00*48
\$HEHDT,184.8,T*2A
\$GPGBS,073717,,,,,,,,*44
\$GPGGA,073718,3452.2999,N,07439.0170,W,2,6,0.4,10,M,,M,,*5E
\$HEHDT,183.8,T*2D

PORT 5 04-06-2014 07:38:09
IN
PORT 4 04-06-2014 07:38:09
\$GPGLL,3452.3015,N,07439.0174,W,073717,A*31
\$GPRMC,073717,A,3452.3015,N,07439.0174,W,4.6,179.6,060414,11.9,W*4A
\$GPVTG,179.6,T,191.5,M,4.6,N,8.5,K*44
\$GPZDA,073717,06,04,2014,00,00*48
\$HEHDT,184.8,T*2A
\$GPGBS,073717,,,,,,,,*44
\$GPGGA,073718,3452.2999,N,07439.0170,W,2,6,0.4,10,M,,M,,*5E
\$HEHDT,183.8,T*2D
\$GPGLL,3452.2999,N,07439.0170,W,073718,A*36
\$GPRMC,073718,A,3452.2999,N,07439.0170,W,4.6,178.7,060414,11.9,W*4D
\$GPVTG,178.7,T,190.6,M,4.6,N,8.5,K*46
\$GPZDA,073718,06,04,2014,00,00*47
\$GPGBS,073718,,,,,,,,*4B
\$GPGGA,073719,3452.2990,N,07439.0171,W,2,6,0.6,10,M,,M,,*55
\$HEHDT,183.9,T*2C
\$GPGLL,3452.2990,N,07439.0171,W,073719,A*3F
\$HEHDT,184.0,T*22
\$GPRMC,073719,A,3452.2990,N,07439.0171,W,4.6,177.7,060414,11.9,W*4B
\$GPVTG,177.7,T,189.6,M,4.6,N,8.5,K*41
\$GPZDA,073719,06,04,2014,00,00*46
\$GPGBS,073719,,,,,,,,*4A
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\$HEHDT,184.2,T*20
PORT 12000 04-06-2014 07:38:09
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PORT 4 04-06-2014 07:38:10
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\$HEHDT,184.4,T*26
\$GPRMC,073720,A,3452.2975,N,07439.0165,W,4.6,176.8,060414,11.9,W*41
\$GPVTG,176.8,T,188.7,M,4.6,N,8.5,K*4F
\$GPZDA,073720,06,04,2014,00,00*4C
\$GPGBS,073720,,,,,,,,*40
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\$HEHDT,184.9,T*2B

PORT 4 04-06-2014 07:38:12
\$GPGLL,3452.2958,N,07439.0161,W,073721,A*31
\$GPRMC,073721,A,3452.2958,N,07439.0161,W,4.6,175.8,060414,11.9,W*48
\$HEHDT,185.4,T*27
\$GPVTG,175.8,T,187.7,M,4.6,N,8.5,K*43
\$GPZDA,073721,06,04,2014,00,00*4D
\$GPGBS,073721,,,,,,,,*41
\$GPGGA,073722,3452.2943,N,07439.0159,W,2,5,0.6,10,M,,M,,*5A
\$HEHDT,185.4,T*27
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PORT 5 04-06-2014 07:38:13

04232 mS

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PORT 4 04-06-2014 07:38:13

\$GPGLL,3452.2943,N,07439.0159,W,073722,A*33

\$GPRMC,073722,A,3452.2943,N,07439.0159,W,4.7,175.3,060414,11.9,W*40

\$GPVTG,175.3,T,187.2,M,4.7,N,8.7,K*4E

\$HEHDT,185.4,T*27

\$GPZDA,073722,06,04,2014,00,00*4E

\$GPGBS,073722,,,,,,,,*42

\$GPGGA,073723,3452.2928,N,07439.0161,W,2,5,0.6,10,M,,M,,*5D

\$HEHDT,185.0,T*23

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PORT 4 04-06-2014 07:38:14

\$GPGLL,3452.2928,N,07439.0161,W,073723,A*34

\$GPRMC,073723,A,3452.2928,N,07439.0161,W,4.8,175.3,060414,11.9,W*48

\$GPVTG,175.3,T,187.2,M,4.8,N,8.9,K*4F

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\$HEHDT,184.4,T*26

\$GPGBS,073723,,,,,,,,*43

\$GPGGA,073724,3452.2914,N,07439.0164,W,2,6,0.6,10,M,,M,,*53

\$HEHDT,184.0,T*22

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PORT 4 04-06-2014 07:38:15

\$GPGLL,3452.2914,N,07439.0164,W,073724,A*39

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\$GPVTG,177.1,T,189.0,M,4.8,N,8.9,K*43

\$GPZDA,073724,06,04,2014,00,00*48

\$GPGBS,073724,,,,,,,,*44

\$GPGGA,073725,3452.2900,N,07439.0165,W,2,6,0.3,10,M,,M,,*53

\$HEHDT,184.0,T*22

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PORT 4 04-06-2014 07:38:16

\$HEHDT,184.1,T*23

\$GPGLL,3452.2900,N,07439.0165,W,073725,A*3C

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\$GPVTG,179.3,T,191.2,M,4.8,N,8.9,K*44

\$GPZDA,073725,06,04,2014,00,00*49

\$GPGBS,073725,,,,,,,,*45

\$GPGGA,073726,3452.2886,N,07439.0165,W,2,8,0.3,10,M,,M,,*51

\$HEHDT,184.6,T*24

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PORT 4 04-06-2014 07:38:17

\$GPGLL,3452.2886,N,07439.0165,W,073726,A*30

\$HEHDT,184.7,T*25

\$GPRMC,073726,A,3452.2886,N,07439.0165,W,4.8,180.5,060414,11.9,W*40

\$GPVTG,180.5,T,192.4,M,4.8,N,8.9,K*41

\$GPZDA,073726,06,04,2014,00,00*4A

\$GPGBS,073726,,,,,,,,*46

\$GPGGA,073727,3452.2878,N,07439.0168,W,2,8,0.4,10,M,,M,,*5B

\$HEHDT,184.9,T*2B

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PORT 4 04-06-2014 07:38:18

\$GPGLL,3452.2878,N,07439.0168,W,073727,A*3D

\$GPRMC,073727,A,3452.2878,N,07439.0168,W,4.8,180.4,060414,11.9,W*4C

\$HEHDT,185.0,T*23

\$GPVTG,180.4,T,192.3,M,4.8,N,8.9,K*47

\$GPZDA,073727,06,04,2014,00,00*4B

\$GPGBS,073727,000.0,000.0,000.0,17,0.05,0025.0,012.5*45

\$GPGGA,073728,3452.2863,N,07439.0165,W,2,8,0.3,10,M,,M,,*54

\$HEHDT,185.1,T*22

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PORT 4 04-06-2014 07:38:19

S01_C04_survey.Log

\$GPGLL,3452.2863,N,07439.0165,W,073728,A*35
\$GPRMC,073728,A,3452.2863,N,07439.0165,W,4.8,179.9,060414,11.9,W*4F
\$HEHDT,185.5,T*26
\$GPVTG,179.9,T,191.8,M,4.8,N,8.9,K*44
\$GPZDA,073728,06,04,2014,00,00*44
\$GPGBS,073728,,,,,,,,*48
\$GPGGA,073729,3452.2850,N,07439.0165,W,2,8,0.4,10,M,,M,,*52
\$HEHDT,185.7,T*24
\$GPGLL,3452.2850,N,07439.0165,W,073729,A*34
\$GPRMC,073729,A,3452.2850,N,07439.0165,W,4.8,179.5,060414,11.9,W*42
\$GPVTG,179.5,T,191.4,M,4.8,N,8.9,K*44
\$GPZDA,073729,06,04,2014,00,00*45
\$GPGBS,073729,000.0,000.0,000.0,17,0.05,0017.4,012.5*4E
\$HEHDT,185.6,T*25
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PORT 12000 04-06-2014 07:38:19
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PORT 4 04-06-2014 07:38:20
\$GPGLL,3452.2835,N,07439.0163,W,073730,A*39
\$HEHDT,185.2,T*21
\$GPRMC,073730,A,3452.2835,N,07439.0163,W,4.8,179.0,060414,11.9,W*4A
\$GPVTG,179.0,T,190.9,M,4.8,N,8.9,K*4D
\$GPZDA,073730,06,04,2014,00,00*4D
\$GPGBS,073730,,,,,,,,*41
\$GPGGA,073731,3452.2823,N,07439.0161,W,2,8,0.4,10,M,,M,,*5B
\$HEHDT,185.0,T*23

PORT 5 04-06-2014 07:38:22
IN
PORT 4 04-06-2014 07:38:22
\$GPGLL,3452.2823,N,07439.0161,W,073731,A*3D
\$HEHDT,184.7,T*25
\$GPRMC,073731,A,3452.2823,N,07439.0161,W,4.8,178.3,060414,11.9,W*4C
\$GPVTG,178.3,T,190.2,M,4.8,N,8.9,K*44
\$GPZDA,073731,06,04,2014,00,00*4C
\$GPGBS,073731,,,,,,,,*40
\$GPGGA,073732,3452.2811,N,07439.0161,W,2,8,0.3,10,M,,M,,*5E
\$HEHDT,184.5,T*27

PORT 4 04-06-2014 07:38:23
\$GPGLL,3452.2811,N,07439.0161,W,073732,A*3F
\$GPRMC,073732,A,3452.2811,N,07439.0161,W,4.8,177.3,060414,11.9,W*41
\$HEHDT,184.7,T*25
\$GPVTG,177.3,T,189.2,M,4.8,N,8.9,K*43
\$GPZDA,073732,06,04,2014,00,00*4F
\$GPGBS,073732,000.0,000.0,000.0,17,0.05,0012.7,012.5*42
\$GPGGA,073733,3452.2798,N,07439.0162,W,2,8,0.3,10,M,,M,,*52
\$HEHDT,184.5,T*27

PORT 4 04-06-2014 07:38:24
\$GPGLL,3452.2798,N,07439.0162,W,073733,A*33
\$GPRMC,073733,A,3452.2798,N,07439.0162,W,4.8,177.0,060414,11.9,W*4E
\$GPVTG,177.0,T,188.9,M,4.8,N,8.9,K*4A
\$HEHDT,184.9,T*2B
\$GPZDA,073733,06,04,2014,00,00*4E
\$GPGBS,073733,000.0,000.0,000.0,17,0.05,0015.3,012.5*40
\$GPGGA,073734,3452.2782,N,07439.0162,W,2,8,0.3,10,M,,M,,*5E
\$HEHDT,185.4,T*27
\$GPGLL,3452.2782,N,07439.0162,W,073734,A*3F
\$GPRMC,073734,A,3452.2782,N,07439.0162,W,4.9,177.9,060414,11.9,W*4A
\$GPVTG,177.9,T,189.8,M,4.9,N,9.1,K*4B
\$GPZDA,073734,06,04,2014,00,00*49

S01_C04_survey.Log

\$GPGBS,073734,,,,,,,,*45
\$HEHDT,185.8,T*2B
\$GPGGA,073735,3452.2768,N,07439.0162,W,2,8,0.4,10,M,,M,,*5C

PORT 5 04-06-2014 07:38:26
04244 mS
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PORT 4 04-06-2014 07:38:26
\$HEHDT,186.4,T*24
\$GPGLL,3452.2768,N,07439.0162,W,073735,A*3A
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\$GPVTG,178.8,T,190.7,M,4.9,N,9.1,K*42
\$GPZDA,073735,06,04,2014,00,00*48
\$GPGBS,073735,,,,,,,,*44
\$HEHDT,186.1,T*21
\$GPGGA,073736,3452.2758,N,07439.0165,W,2,8,0.3,10,M,,M,,*5C

PORT 4 04-06-2014 07:38:27
\$GPGLL,3452.2758,N,07439.0165,W,073736,A*3D
\$HEHDT,186.6,T*26
\$GPRMC,073736,A,3452.2758,N,07439.0165,W,4.9,179.2,060414,11.9,W*4D
\$GPVTG,179.2,T,191.1,M,4.9,N,9.1,K*4E
\$GPZDA,073736,06,04,2014,00,00*4B
\$GPGBS,073736,000.0,000.0,000.0,17,0.05,0023.5,012.5*46
\$GPGGA,073737,3452.2744,N,07439.0166,W,2,8,0.3,10,M,,M,,*53
\$HEHDT,185.8,T*2B

PORT 4 04-06-2014 07:38:28
\$GPGLL,3452.2744,N,07439.0166,W,073737,A*32
\$GPRMC,073737,A,3452.2744,N,07439.0166,W,4.8,179.7,060414,11.9,W*46
\$HEHDT,186.1,T*21
\$GPVTG,179.7,T,191.6,M,4.8,N,8.9,K*44
\$GPZDA,073737,06,04,2014,00,00*4A
\$GPGBS,073737,,,,,,,,*46
\$GPGGA,073738,3452.2730,N,07439.0168,W,2,8,0.3,10,M,,M,,*51
\$HEHDT,186.6,T*26

PORT 4 04-06-2014 07:38:29
\$GPGLL,3452.2730,N,07439.0168,W,073738,A*30
\$GPRMC,073738,A,3452.2730,N,07439.0168,W,4.8,180.6,060414,11.9,W*43
\$HEHDT,185.6,T*25
\$GPVTG,180.6,T,192.5,M,4.8,N,8.9,K*43
\$GPZDA,073738,06,04,2014,00,00*45
\$GPGBS,073738,,,,,,,,*49
\$GPGGA,073739,3452.2719,N,07439.0168,W,2,8,0.4,10,M,,M,,*5C
\$HEHDT,185.7,T*24

PORT 4 04-06-2014 07:38:30
\$GPGLL,3452.2719,N,07439.0168,W,073739,A*3A
\$GPRMC,073739,A,3452.2719,N,07439.0168,W,4.8,181.3,060414,11.9,W*4D
\$GPVTG,181.3,T,193.2,M,4.8,N,8.9,K*41
\$GPZDA,073739,06,04,2014,00,00*44
\$HEHDT,185.8,T*2B
\$GPGBS,073739,000.0,000.0,000.0,17,0.05,0015.9,012.5*40
\$GPGGA,073740,3452.2705,N,07439.0167,W,2,6,0.4,10,M,,M,,*5E
\$HEHDT,185.1,T*22
\$GPGLL,3452.2705,N,07439.0167,W,073740,A*36
\$GPRMC,073740,A,3452.2705,N,07439.0167,W,4.8,181.1,060414,11.9,W*43
\$GPVTG,181.1,T,193.0,M,4.8,N,8.9,K*41
\$GPZDA,073740,06,04,2014,00,00*4A
\$GPGBS,073740,,,,,,,,*46
\$GPGGA,073741,3452.2690,N,07439.0164,W,2,6,0.4,11,M,,M,,*50
\$HEHDT,185.2,T*21

S01_C04_survey.Log

PORT 12000 04-06-2014 07:38:30
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PORT 4 04-06-2014 07:38:31
\$GPGLL,3452.2690,N,07439.0164,W,073741,A*39
\$HEHDT,185.4,T*27
\$GPRMC,073741,A,3452.2690,N,07439.0164,W,4.8,180.4,060414,11.9,W*48
\$GPVTG,180.4,T,192.3,M,4.8,N,8.9,K*47
\$GPZDA,073741,06,04,2014,00,00*4B
\$GPGBS,073741,,,,,,,,*47
\$GPGGA,073742,3452.2673,N,07439.0161,W,2,5,0.6,11,M,,M,,*5A
\$HEHDT,186.0,T*20

PORT 4 04-06-2014 07:38:32
\$GPGLL,3452.2673,N,07439.0161,W,073742,A*32
\$GPRMC,073742,A,3452.2673,N,07439.0161,W,4.8,179.7,060414,11.9,W*46
\$HEHDT,186.0,T*20
\$GPVTG,179.7,T,191.6,M,4.8,N,8.9,K*44
\$GPZDA,073742,06,04,2014,00,00*48
\$GPGBS,073742,,,,,,,,*44
\$GPGGA,073743,3452.2657,N,07439.0158,W,2,5,0.6,11,M,,M,,*57
\$HEHDT,186.8,T*28

PORT 4 04-06-2014 07:38:33
\$GPGLL,3452.2657,N,07439.0158,W,073743,A*3F
\$GPRMC,073743,A,3452.2657,N,07439.0158,W,4.9,178.9,060414,11.9,W*45
\$GPVTG,178.9,T,190.8,M,4.9,N,9.1,K*4C
\$HEHDT,186.8,T*28
\$GPZDA,073743,06,04,2014,00,00*49
\$GPGBS,073743,,,,,,,,*45
\$GPGGA,073744,3452.2643,N,07439.0156,W,2,5,0.6,11,M,,M,,*5B

PORT 4 04-06-2014 07:38:34
\$HEHDT,187.2,T*23
\$GPGLL,3452.2643,N,07439.0156,W,073744,A*33
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\$GPVTG,178.4,T,190.3,M,4.9,N,9.1,K*4A
\$GPZDA,073744,06,04,2014,00,00*4E
\$HEHDT,187.2,T*23
\$GPGBS,073744,,,,,,,,*42
\$GPGGA,073745,3452.2626,N,07439.0155,W,2,5,0.6,11,M,,M,,*5A

PORT 4 04-06-2014 07:38:35
\$HEHDT,186.4,T*24
\$GPGLL,3452.2626,N,07439.0155,W,073745,A*32
\$GPRMC,073745,A,3452.2626,N,07439.0155,W,4.9,178.4,060414,11.9,W*45
\$GPVTG,178.4,T,190.3,M,4.9,N,9.1,K*4A
\$GPZDA,073745,06,04,2014,00,00*4F
\$GPGBS,073745,,,,,,,,*43
\$GPGGA,073746,3452.2609,N,07439.0154,W,2,5,0.8,11,M,,M,,*5B
\$HEHDT,186.4,T*24

PORT 4 04-06-2014 07:38:36
\$GPGLL,3452.2609,N,07439.0154,W,073746,A*3D
\$HEHDT,186.5,T*25
\$GPRMC,073746,A,3452.2609,N,07439.0154,W,4.9,178.6,060414,11.9,W*48
\$GPVTG,178.6,T,190.5,M,4.9,N,9.1,K*4E
\$GPZDA,073746,06,04,2014,00,00*4C
\$GPGBS,073746,,,,,,,,*40
\$GPGGA,073747,3452.2592,N,07439.0155,W,2,5,0.6,11,M,,M,,*54
\$HEHDT,185.6,T*25

PORT 4 04-06-2014 07:38:37

S01_C04_survey.Log

\$GPGLL,3452.2592,N,07439.0155,W,073747,A*3C
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\$HEHDT,185.9,T*2A
\$GPVTG,179.7,T,191.6,M,5.0,N,9.3,K*46
\$GPZDA,073747,06,04,2014,00,00*4D
\$GPGBS,073747,,,,,,,,*41
\$GPGGA,073748,3452.2578,N,07439.0157,W,2,6,0.6,10,M,,M,,*5F
\$HEHDT,186.1,T*21

PORT 4 04-06-2014 07:38:38
\$GPGLL,3452.2578,N,07439.0157,W,073748,A*35
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\$GPVTG,181.2,T,193.1,M,5.0,N,9.3,K*41
\$HEHDT,186.7,T*27
\$GPZDA,073748,06,04,2014,00,00*42
\$GPGBS,073748,,,,,,,,*4E
\$GPGGA,073749,3452.2563,N,07439.0156,W,2,6,0.3,11,M,,M,,*51
\$HEHDT,186.8,T*28

PORT 4 04-06-2014 07:38:39
\$GPGLL,3452.2563,N,07439.0156,W,073749,A*3F
\$GPRMC,073749,A,3452.2563,N,07439.0156,W,5.0,182.2,060414,11.9,w*43
\$GPVTG,182.2,T,194.1,M,5.0,N,9.3,K*45
\$HEHDT,187.2,T*23
\$GPZDA,073749,06,04,2014,00,00*43
\$GPGBS,073749,,,,,,,,*4F
\$GPGGA,073750,3452.2547,N,07439.0157,W,2,8,0.3,11,M,,M,,*50

PORT 12000 04-06-2014 07:38:39
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PORT 4 04-06-2014 07:38:41
\$HEHDT,187.1,T*20
\$GPGLL,3452.2547,N,07439.0157,W,073750,A*30
\$GPRMC,073750,A,3452.2547,N,07439.0157,W,4.9,182.5,060414,11.9,w*43
\$GPVTG,182.5,T,194.4,M,4.9,N,9.1,K*4D
\$GPZDA,073750,06,04,2014,00,00*4B
\$GPGBS,073750,,,,,,,,*47
\$GPGGA,073751,3452.2531,N,07439.0156,W,2,8,0.4,11,M,,M,,*56
\$HEHDT,187.1,T*20

PORT 4 04-06-2014 07:38:42
\$GPGLL,3452.2531,N,07439.0156,W,073751,A*31
\$HEHDT,186.9,T*29
\$GPRMC,073751,A,3452.2531,N,07439.0156,W,4.9,182.7,060414,11.9,w*40
\$GPVTG,182.7,T,194.6,M,4.9,N,9.1,K*4D
\$GPZDA,073751,06,04,2014,00,00*4A
\$GPGBS,073751,,,,,,,,*46
\$GPGGA,073752,3452.2515,N,07439.0157,W,2,7,0.4,11,M,,M,,*5D
\$HEHDT,186.7,T*27

PORT 4 04-06-2014 07:38:43
\$GPGLL,3452.2515,N,07439.0157,W,073752,A*35
\$HEHDT,186.4,T*24
\$GPRMC,073752,A,3452.2515,N,07439.0157,W,5.0,182.8,060414,11.9,w*43
\$GPVTG,182.8,T,194.7,M,5.0,N,9.3,K*49
\$GPZDA,073752,06,04,2014,00,00*49
\$GPGBS,073752,,,,,,,,*45
\$GPGGA,073753,3452.2500,N,07439.0153,W,2,7,0.4,11,M,,M,,*5C
\$HEHDT,186.7,T*27

PORT 4 04-06-2014 07:38:44
\$GPGLL,3452.2500,N,07439.0153,W,073753,A*34
\$GPRMC,073753,A,3452.2500,N,07439.0153,W,5.0,182.6,060414,11.9,w*4C

S01_C04_survey.Log

\$HEHDT,186.8,T*28
\$GPVTG,182.6,T,194.5,M,5.0,N,9.3,K*45
\$GPZDA,073753,06,04,2014,00,00*48
\$GPGBS,073753,,,,,,,,*44
\$GPGGA,073754,3452.2486,N,07439.0150,W,2,7,0.4,11,M,,M,,*57
\$HEHDT,187.4,T*25

PORT 4 04-06-2014 07:38:45
\$GPGLL,3452.2486,N,07439.0150,W,073754,A*3F
\$GPRMC,073754,A,3452.2486,N,07439.0150,W,4.9,181.6,060414,11.9,W*4C
\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
\$GPZDA,073754,06,04,2014,00,00*4F
\$HEHDT,187.4,T*25
\$GPGBS,073754,,,,,,,,*43
\$GPGGA,073755,3452.2470,N,07439.0148,W,2,7,0.4,11,M,,M,,*56
\$HEHDT,187.5,T*24

PORT 4 04-06-2014 07:38:46
\$GPGLL,3452.2470,N,07439.0148,W,073755,A*3E
\$GPRMC,073755,A,3452.2470,N,07439.0148,W,4.9,180.1,060414,11.9,W*4B
\$GPVTG,180.1,T,192.0,M,4.9,N,9.1,K*49
\$GPZDA,073755,06,04,2014,00,00*4E
\$HEHDT,187.9,T*28
\$GPGBS,073755,,,,,,,,*42
\$GPGGA,073756,3452.2455,N,07439.0147,W,2,7,0.4,11,M,,M,,*5D

PORT 4 04-06-2014 07:38:47
\$HEHDT,187.4,T*25
\$GPGLL,3452.2455,N,07439.0147,W,073756,A*35
\$GPRMC,073756,A,3452.2455,N,07439.0147,W,4.9,179.1,060414,11.9,W*46
\$GPVTG,179.1,T,191.0,M,4.9,N,9.1,K*4C
\$GPZDA,073756,06,04,2014,00,00*4D
\$GPGBS,073756,,,,,,,,*41
\$HEHDT,187.3,T*22
\$GPGGA,073757,3452.2446,N,07439.0153,W,2,7,0.4,11,M,,M,,*5B

PORT 4 04-06-2014 07:38:48
\$HEHDT,186.6,T*26
\$GPGLL,3452.2446,N,07439.0153,W,073757,A*33
\$GPRMC,073757,A,3452.2446,N,07439.0153,W,4.9,179.2,060414,11.9,W*43
\$GPVTG,179.2,T,191.1,M,4.9,N,9.1,K*4E
\$GPZDA,073757,06,04,2014,00,00*4C
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PORT 4 04-06-2014 07:38:49
\$GPGLL,3452.2435,N,07439.0155,W,073758,A*3E
\$HEHDT,186.4,T*24
\$GPRMC,073758,A,3452.2435,N,07439.0155,W,4.9,181.8,060414,11.9,W*43
\$GPVTG,181.8,T,193.7,M,4.9,N,9.1,K*47
\$GPZDA,073758,06,04,2014,00,00*43
\$GPGBS,073758,000.0,000.0,000.0,17,0.05,0018.7,012.5*44
\$GPGGA,073759,3452.2423,N,07439.0158,W,2,8,0.3,11,M,,M,,*55
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PORT 4 04-06-2014 07:38:50
\$GPGLL,3452.2423,N,07439.0158,W,073759,A*35
\$GPRMC,073759,A,3452.2423,N,07439.0158,W,4.9,182.7,060414,11.9,W*44
\$HEHDT,185.9,T*2A
\$GPVTG,182.7,T,194.6,M,4.9,N,9.1,K*4D
\$GPZDA,073759,06,04,2014,00,00*42
\$GPGBS,073759,000.0,000.0,000.0,17,0.05,0015.8,012.5*47

S01_C04_survey.Log

\$GPGGA,073800,3452.2411,N,07439.0161,W,2,8,0.3,11,M,,M,,*5D
\$HEHDT,186.1,T*21
PORT 12000 04-06-2014 07:38:50
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PORT 4 04-06-2014 07:38:51
\$GPGLL,3452.2411,N,07439.0161,W,073800,A*3D
\$GPRMC,073800,A,3452.2411,N,07439.0161,W,4.9,182.7,060414,11.9,W*4C
\$GPVTG,182.7,T,194.6,M,4.9,N,9.1,K*4D
\$GPZDA,073800,06,04,2014,00,00*41
\$HEHDT,186.1,T*21
\$GPGBS,073800,000.0,000.0,000.0,17,0.05,0015.3,012.5*4F
\$GPGGA,073801,3452.2399,N,07439.0164,W,2,8,0.3,12,M,,M,,*5D
\$HEHDT,186.8,T*28

PORT 4 04-06-2014 07:38:53
\$GPGLL,3452.2399,N,07439.0164,W,073801,A*3E
\$GPRMC,073801,A,3452.2399,N,07439.0164,W,4.9,183.4,060414,11.9,W*4D
\$GPVTG,183.4,T,195.3,M,4.9,N,9.1,K*4B
\$HEHDT,186.7,T*27
\$GPZDA,073801,06,04,2014,00,00*40
\$GPGBS,073801,000.0,000.0,000.0,17,0.05,0015.4,012.5*49
\$GPGGA,073802,3452.2386,N,07439.0163,W,2,8,0.3,12,M,,M,,*57
\$HEHDT,187.1,T*20
\$GPGLL,3452.2386,N,07439.0163,W,073802,A*34
\$GPRMC,073802,A,3452.2386,N,07439.0163,W,4.9,182.7,060414,11.9,W*45
\$GPVTG,182.7,T,194.6,M,4.9,N,9.1,K*4D
\$GPZDA,073802,06,04,2014,00,00*43
\$GPGBS,073802,000.0,000.0,000.0,17,0.05,0014.3,012.5*4C
\$HEHDT,187.1,T*20
\$GPGGA,073803,3452.2373,N,07439.0164,W,2,8,0.3,12,M,,M,,*5B

PORT 4 04-06-2014 07:38:54
\$GPGLL,3452.2373,N,07439.0164,W,073803,A*38
\$HEHDT,187.4,T*25
\$GPRMC,073803,A,3452.2373,N,07439.0164,W,4.9,181.5,060414,11.9,W*48
\$GPVTG,181.5,T,193.4,M,4.9,N,9.1,K*49
\$GPZDA,073803,06,04,2014,00,00*42
\$GPGBS,073803,000.0,000.0,000.0,17,0.05,0014.8,012.5*46
\$GPGGA,073804,3452.2357,N,07439.0161,W,2,8,0.3,12,M,,M,,*5F
\$HEHDT,186.6,T*26

PORT 4 04-06-2014 07:38:55
\$GPGLL,3452.2357,N,07439.0161,W,073804,A*3C
\$GPRMC,073804,A,3452.2357,N,07439.0161,W,4.9,181.5,060414,11.9,W*4C
\$HEHDT,186.8,T*28
\$GPVTG,181.5,T,193.4,M,4.9,N,9.1,K*49
\$GPZDA,073804,06,04,2014,00,00*45
\$GPGBS,073804,,,,,,,,*49
\$GPGGA,073805,3452.2340,N,07439.0161,W,2,8,0.4,12,M,,M,,*5F
\$HEHDT,186.9,T*29

PORT 4 04-06-2014 07:38:56
\$GPGLL,3452.2340,N,07439.0161,W,073805,A*3B
\$GPRMC,073805,A,3452.2340,N,07439.0161,W,5.0,180.9,060414,11.9,W*4E
\$GPVTG,180.9,T,192.8,M,5.0,N,9.3,K*43
\$HEHDT,186.0,T*20
\$GPZDA,073805,06,04,2014,00,00*44
\$GPGBS,073805,,,,,,,,*48
\$GPGGA,073806,3452.2325,N,07439.0160,W,2,7,0.4,12,M,,M,,*51
\$HEHDT,186.4,T*24

PORT 4 04-06-2014 07:38:57

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\$GPGLL,3452.2325,N,07439.0160,W,073806,A*3A
\$GPRMC,073806,A,3452.2325,N,07439.0160,W,5.0,181.0,060414,11.9,W*47
\$GPVTG,181.0,T,192.9,M,5.0,N,9.3,K*4A
\$GPZDA,073806,06,04,2014,00,00*47
\$GPGBS,073806,,,,,,,,*4B
\$HEHDT,186.4,T*24
\$GPGGA,073807,3452.2314,N,07439.0161,W,2,7,0.4,13,M,,M,,*52

PORT 4 04-06-2014 07:38:58
\$HEHDT,186.7,T*27
\$GPGLL,3452.2314,N,07439.0161,W,073807,A*38
\$GPRMC,073807,A,3452.2314,N,07439.0161,W,5.0,180.8,060414,11.9,W*4C
\$GPVTG,180.8,T,192.7,M,5.0,N,9.3,K*4D
\$GPZDA,073807,06,04,2014,00,00*46
\$GPGBS,073807,,,,,,,,*4A
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\$HEHDT,186.7,T*27

PORT 4 04-06-2014 07:38:59
\$GPGLL,3452.2298,N,07439.0159,W,073808,A*39
\$HEHDT,187.0,T*21
\$GPRMC,073808,A,3452.2298,N,07439.0159,W,4.9,180.5,060414,11.9,W*48
\$GPVTG,180.5,T,192.4,M,4.9,N,9.1,K*49
\$GPZDA,073808,06,04,2014,00,00*49
\$GPGBS,073808,,,,,,,,*45
\$GPGGA,073809,3452.2283,N,07439.0161,W,2,8,0.4,13,M,,M,,*5C
\$HEHDT,186.9,T*29

PORT 4 04-06-2014 07:39:00
\$GPGLL,3452.2283,N,07439.0161,W,073809,A*39
\$GPRMC,073809,A,3452.2283,N,07439.0161,W,4.9,180.4,060414,11.9,W*49
\$HEHDT,187.2,T*23
\$GPVTG,180.4,T,192.3,M,4.9,N,9.1,K*4F
\$GPZDA,073809,06,04,2014,00,00*48
\$GPGBS,073809,,,,,,,,*44
\$GPGGA,073810,3452.2268,N,07439.0160,W,2,7,0.4,13,M,,M,,*5F
\$HEHDT,186.8,T*28
PORT 12000 04-06-2014 07:39:00
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PORT 4 04-06-2014 07:39:01
\$GPGLL,3452.2268,N,07439.0160,W,073810,A*35
\$GPRMC,073810,A,3452.2268,N,07439.0160,W,4.9,180.7,060414,11.9,W*46
\$HEHDT,186.4,T*24
\$GPVTG,180.7,T,192.6,M,4.9,N,9.1,K*49
\$GPZDA,073810,06,04,2014,00,00*40
\$GPGBS,073810,,,,,,,,*4C
\$GPGGA,073811,3452.2260,N,07439.0164,W,2,7,0.3,13,M,,M,,*55
\$HEHDT,186.1,T*21

PORT 4 04-06-2014 07:39:02
\$GPGLL,3452.2260,N,07439.0164,W,073811,A*38
\$GPRMC,073811,A,3452.2260,N,07439.0164,W,4.9,181.6,060414,11.9,W*4B
\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
\$GPZDA,073811,06,04,2014,00,00*41
\$HEHDT,185.8,T*2B
\$GPGBS,073811,000.0,000.0,000.0,17,0.05,0018.9,012.5*48
\$GPGGA,073812,3452.2246,N,07439.0164,W,2,8,0.3,13,M,,M,,*5D
\$HEHDT,185.8,T*2B

PORT 4 04-06-2014 07:39:03
\$GPGLL,3452.2246,N,07439.0164,W,073812,A*3F
\$GPRMC,073812,A,3452.2246,N,07439.0164,W,4.9,181.6,060414,11.9,W*4C

S01_C04_survey.Log

\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
\$GPZDA,073812,06,04,2014,00,00*42
\$HEHDT,185.0,T*23
\$GPGBS,073812,,,,,,*4E
\$GPGGA,073813,3452.2235,N,07439.0168,W,2,8,0.3,13,M,,M,,*54

PORT 4 04-06-2014 07:39:04
\$HEHDT,185.5,T*26
\$GPGLL,3452.2235,N,07439.0168,W,073813,A*36
\$GPRMC,073813,A,3452.2235,N,07439.0168,W,4.9,182.6,060414,11.9,W*46
\$GPVTG,182.6,T,194.5,M,4.9,N,9.1,K*4F
\$GPZDA,073813,06,04,2014,00,00*43
\$GPGBS,073813,000.0,000.0,000.0,17,0.05,0027.7,012.5*48
\$HEHDT,185.8,T*2B
\$GPGGA,073814,3452.2224,N,07439.0171,W,2,8,0.3,13,M,,M,,*5B

PORT 4 04-06-2014 07:39:05
\$GPGLL,3452.2224,N,07439.0171,W,073814,A*39
\$HEHDT,186.0,T*20
\$GPRMC,073814,A,3452.2224,N,07439.0171,W,5.0,182.5,060414,11.9,W*42
\$GPVTG,182.5,T,194.4,M,5.0,N,9.3,K*47
\$GPZDA,073814,06,04,2014,00,00*44
\$GPGBS,073814,000.0,000.0,000.0,17,0.05,0026.0,012.5*49
\$GPGGA,073815,3452.2213,N,07439.0170,W,2,8,0.3,13,M,,M,,*5F
\$HEHDT,186.6,T*26
\$GPGLL,3452.2213,N,07439.0170,W,073815,A*3D
\$GPRMC,073815,A,3452.2213,N,07439.0170,W,5.0,181.9,060414,11.9,W*49
\$GPVTG,181.9,T,193.8,M,5.0,N,9.3,K*43
\$HEHDT,186.5,T*25
\$GPZDA,073815,06,04,2014,00,00*45
\$GPGBS,073815,000.0,000.0,000.0,17,0.05,0018.6,012.5*43
\$GPGGA,073816,3452.2196,N,07439.0169,W,2,8,0.3,13,M,,M,,*5A

PORT 4 04-06-2014 07:39:06
\$HEHDT,186.8,T*28
\$GPGLL,3452.2196,N,07439.0169,W,073816,A*38
\$GPRMC,073816,A,3452.2196,N,07439.0169,W,5.0,181.9,060414,11.9,W*4C
\$GPVTG,181.9,T,193.8,M,5.0,N,9.3,K*43
\$GPZDA,073816,06,04,2014,00,00*46
\$HEHDT,185.9,T*2A
\$GPGBS,073816,,,,,,*4A
\$GPGGA,073817,3452.2178,N,07439.0167,W,2,8,0.5,13,M,,M,,*53

PORT 4 04-06-2014 07:39:07
\$HEHDT,186.6,T*26
\$GPGLL,3452.2178,N,07439.0167,W,073817,A*37
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\$GPVTG,181.1,T,193.0,M,5.0,N,9.3,K*43
\$GPZDA,073817,06,04,2014,00,00*47
\$GPGBS,073817,,,,,,*4B
\$GPGGA,073818,3452.2161,N,07439.0165,W,2,7,0.4,14,M,,M,,*5F
\$HEHDT,187.1,T*20

PORT 5 04-06-2014 07:39:09
IN
PORT 4 04-06-2014 07:39:09
\$GPGLL,3452.2161,N,07439.0165,W,073818,A*32
\$HEHDT,186.5,T*25
\$GPRMC,073818,A,3452.2161,N,07439.0165,W,5.1,180.3,060414,11.9,W*4C
\$GPVTG,180.3,T,192.2,M,5.1,N,9.4,K*45
\$GPZDA,073818,06,04,2014,00,00*48
\$GPGBS,073818,,,,,,*44
\$GPGGA,073819,3452.2146,N,07439.0164,W,2,7,0.4,14,M,,M,,*5A

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\$HEHDT,186.7,T*27

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PORT 4 04-06-2014 07:39:10

\$GPGLL,3452.2146,N,07439.0164,W,073819,A*37

\$HEHDT,186.5,T*25

\$GPRMC,073819,A,3452.2146,N,07439.0164,W,5.1,180.3,060414,11.9,W*49

\$GPVTG,180.3,T,192.2,M,5.1,N,9.4,K*45

\$GPZDA,073819,06,04,2014,00,00*49

\$GPGBS,073819,,,,,,*45

\$GPGGA,073820,3452.2138,N,07439.0166,W,2,7,0.3,14,M,,M,,*5C

\$HEHDT,185.9,T*2A

\$GPGLL,3452.2138,N,07439.0166,W,073820,A*36

\$GPRMC,073820,A,3452.2138,N,07439.0166,W,4.9,180.1,060414,11.9,W*43

\$HEHDT,186.0,T*20

\$GPVTG,180.1,T,192.0,M,4.9,N,9.1,K*49

\$GPZDA,073820,06,04,2014,00,00*43

\$GPGBS,073820,000.0,000.0,000.0,17,0.05,0027.1,012.5*4E

\$GPGGA,073821,3452.2126,N,07439.0166,W,2,7,0.3,14,M,,M,,*52

PORT 12000 04-06-2014 07:39:10

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:39:11

\$HEHDT,185.5,T*26

\$GPGLL,3452.2126,N,07439.0166,W,073821,A*38

\$GPRMC,073821,A,3452.2126,N,07439.0166,W,4.9,180.1,060414,11.9,W*4D

\$HEHDT,185.7,T*24

\$GPVTG,180.1,T,192.0,M,4.9,N,9.1,K*49

\$GPZDA,073821,06,04,2014,00,00*42

\$GPGBS,073821,,,,,,*4E

\$GPGGA,073822,3452.2115,N,07439.0169,W,2,8,0.3,14,M,,M,,*51

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PORT 5 04-06-2014 07:39:12

04294 ms

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PORT 4 04-06-2014 07:39:12

\$HEHDT,186.4,T*24

\$GPGLL,3452.2115,N,07439.0169,W,073822,A*34

\$GPRMC,073822,A,3452.2115,N,07439.0169,W,4.9,180.7,060414,11.9,W*47

\$GPVTG,180.7,T,192.6,M,4.9,N,9.1,K*49

\$GPZDA,073822,06,04,2014,00,00*41

\$HEHDT,185.7,T*24

\$GPGBS,073822,000.0,000.0,000.0,17,0.05,0030.2,012.5*49

\$GPGGA,073823,3452.2105,N,07439.0172,W,2,8,0.3,14,M,,M,,*5B

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PORT 4 04-06-2014 07:39:13

\$HEHDT,185.9,T*2A

\$GPGLL,3452.2105,N,07439.0172,W,073823,A*3E

\$GPRMC,073823,A,3452.2105,N,07439.0172,W,4.9,181.7,060414,11.9,W*4C

\$GPVTG,181.7,T,193.6,M,4.9,N,9.1,K*49

\$GPZDA,073823,06,04,2014,00,00*40

\$GPGBS,073823,000.0,000.0,000.0,17,0.05,0020.0,012.5*4B

\$GPGGA,073824,3452.2090,N,07439.0173,W,2,8,0.3,14,M,,M,,*50

\$HEHDT,186.2,T*22

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PORT 4 04-06-2014 07:39:15

\$GPGLL,3452.2090,N,07439.0173,W,073824,A*35

\$GPRMC,073824,A,3452.2090,N,07439.0173,W,4.9,181.7,060414,11.9,W*47

\$HEHDT,185.7,T*24

\$GPVTG,181.7,T,193.6,M,4.9,N,9.1,K*49

\$GPZDA,073824,06,04,2014,00,00*47

\$GPGBS,073824,,,,,,*4B

\$GPGGA,073825,3452.2074,N,07439.0173,W,2,8,0.4,14,M,,M,,*5C

\$HEHDT,185.9,T*2A

S01_C04_survey.Log

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$HEHDT,185.0,T*23
$GPVTG,182.6,T,194.5,M,4.8,N,8.9,K*47
$GPZDA,073825,06,04,2014,00,00*46
$GPGBS,073825,,,,,,,,*4A
$GPGGA,073826,3452.2057,N,07439.0171,W,2,7,0.4,14,M,,M,,*53
$HEHDT,185.4,T*27
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PORT 4 04-06-2014 07:39:17
$GPGLL,3452.2057,N,07439.0171,W,073826,A*3E
$GPRMC,073826,A,3452.2057,N,07439.0171,W,4.8,182.9,060414,11.9,W*40
$HEHDT,185.8,T*2B
$GPVTG,182.9,T,194.8,M,4.8,N,8.9,K*45
$GPZDA,073826,06,04,2014,00,00*45
$GPGBS,073826,,,,,,,,*49
$GPGGA,073827,3452.2043,N,07439.0170,W,2,7,0.3,14,M,,M,,*51
$HEHDT,185.5,T*26
#
PORT 4 04-06-2014 07:39:18
$GPGLL,3452.2043,N,07439.0170,W,073827,A*3B
$GPRMC,073827,A,3452.2043,N,07439.0170,W,5.0,180.9,060414,11.9,W*4E
$GPVTG,180.9,T,192.8,M,5.0,N,9.3,K*43
$GPZDA,073827,06,04,2014,00,00*44
$GPGBS,073827,000.0,000.0,000.0,17,0.05,0016.1,012.5*4B
$HEHDT,185.4,T*27
$GPGGA,073828,3452.2026,N,07439.0168,W,2,8,0.3,14,M,,M,,*5B
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PORT 4 04-06-2014 07:39:19
$HEHDT,185.6,T*25
$GPGLL,3452.2026,N,07439.0168,W,073828,A*3E
$GPRMC,073828,A,3452.2026,N,07439.0168,W,5.0,180.9,060414,11.9,W*4B
$GPVTG,180.9,T,192.8,M,5.0,N,9.3,K*43
$GPZDA,073828,06,04,2014,00,00*4B
$GPGBS,073828,,,,,,,,*47
$HEHDT,185.7,T*24
$GPGGA,073829,3452.2020,N,07439.0175,W,2,8,0.4,14,M,,M,,*57
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PORT 4 04-06-2014 07:39:20
$GPGLL,3452.2020,N,07439.0175,W,073829,A*35
$HEHDT,185.8,T*2B
$GPRMC,073829,A,3452.2020,N,07439.0175,W,5.1,179.5,060414,11.9,W*4B
$GPVTG,179.5,T,191.4,M,5.1,N,9.4,K*40
$GPZDA,073829,06,04,2014,00,00*4A
$GPGBS,073829,014.7,003.6,011.3,05,0.05,-016.3,012.5*5D
$GPGGA,073830,3452.2007,N,07439.0175,W,2,7,0.4,14,M,,M,,*55
$HEHDT,185.9,T*2A
PORT 12000 04-06-2014 07:39:20
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PORT 4 04-06-2014 07:39:21
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$HEHDT,185.8,T*2B
$GPRMC,073830,A,3452.2007,N,07439.0175,W,5.1,179.5,060414,11.9,W*46
$GPVTG,179.5,T,191.4,M,5.1,N,9.4,K*40
$GPZDA,073830,06,04,2014,00,00*42
$GPGBS,073830,,,,,,,,*4E
$GPGGA,073831,3452.1994,N,07439.0175,W,2,7,0.3,14,M,,M,,*53
$HEHDT,186.1,T*21
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PORT 4 04-06-2014 07:39:22

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S01_C04_survey.Log

\$GPGLL,3452.1994,N,07439.0175,W,073831,A*39
\$GPRMC,073831,A,3452.1994,N,07439.0175,W,5.1,178.2,060414,11.9,W*41
\$HEHDT,186.1,T*21
\$GPVTG,178.2,T,190.1,M,5.1,N,9.4,K*42
\$GPZDA,073831,06,04,2014,00,00*43
\$GPGBS,073831,000.0,000.0,000.0,17,0.05,0011.4,012.5*4E
\$GPGGA,073832,3452.1983,N,07439.0176,W,2,8,0.3,14,M,,M,,*5A
\$HEHDT,186.5,T*25

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PORT 4 04-06-2014 07:39:23

\$GPGLL,3452.1983,N,07439.0176,W,073832,A*3F
\$GPRMC,073832,A,3452.1983,N,07439.0176,W,5.0,178.1,060414,11.9,W*45
\$GPVTG,178.1,T,190.0,M,5.0,N,9.3,K*46
\$GPZDA,073832,06,04,2014,00,00*40
\$GPGBS,073832,000.0,000.0,000.0,17,0.05,0017.1,012.5*4E
\$HEHDT,185.4,T*27
\$GPGGA,073833,3452.1967,N,07439.0176,W,2,8,0.3,14,M,,M,,*51
\$HEHDT,185.4,T*27

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PORT 4 04-06-2014 07:39:24

\$GPGLL,3452.1967,N,07439.0176,W,073833,A*34
\$GPRMC,073833,A,3452.1967,N,07439.0176,W,5.0,178.1,060414,11.9,W*4E
\$GPVTG,178.1,T,190.0,M,5.0,N,9.3,K*46
\$GPZDA,073833,06,04,2014,00,00*41
\$GPGBS,073833,,,,,,*4D
\$GPGGA,073834,3452.1951,N,07439.0177,W,2,6,0.5,14,M,,M,,*5A
\$HEHDT,185.5,T*26

#

PORT 4 04-06-2014 07:39:25

\$HEHDT,184.7,T*25
\$GPGLL,3452.1951,N,07439.0177,W,073834,A*37
\$GPRMC,073834,A,3452.1951,N,07439.0177,W,5.0,179.2,060414,11.9,W*4F
\$GPVTG,179.2,T,191.1,M,5.0,N,9.3,K*44
\$GPZDA,073834,06,04,2014,00,00*46
\$GPGBS,073834,,,,,,*4A
\$HEHDT,184.8,T*2A
\$GPGGA,073835,3452.1945,N,07439.0183,W,2,6,0.3,14,M,,M,,*53
\$GPGLL,3452.1945,N,07439.0183,W,073835,A*38
\$GPRMC,073835,A,3452.1945,N,07439.0183,W,4.9,181.7,060414,11.9,W*4A
\$HEHDT,185.2,T*21
\$GPVTG,181.7,T,193.6,M,4.9,N,9.1,K*49
\$GPZDA,073835,06,04,2014,00,00*47
\$GPGBS,073835,000.0,000.0,000.0,17,0.05,0049.9,012.5*4A
\$GPGGA,073836,3452.1929,N,07439.0181,W,2,8,0.3,14,M,,M,,*56
\$HEHDT,185.0,T*23

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PORT 4 04-06-2014 07:39:27

\$GPGLL,3452.1929,N,07439.0181,W,073836,A*33
\$GPRMC,073836,A,3452.1929,N,07439.0181,W,4.9,181.7,060414,11.9,W*41
\$HEHDT,185.5,T*26
\$GPVTG,181.7,T,193.6,M,4.9,N,9.1,K*49
\$GPZDA,073836,06,04,2014,00,00*44
\$GPGBS,073836,,,,,,*48
\$GPGGA,073837,3452.1913,N,07439.0180,W,2,8,0.4,14,M,,M,,*58
\$HEHDT,185.6,T*25

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PORT 4 04-06-2014 07:39:28

\$GPGLL,3452.1913,N,07439.0180,W,073837,A*3A
\$GPRMC,073837,A,3452.1913,N,07439.0180,W,4.9,180.5,060414,11.9,W*4B
\$GPVTG,180.5,T,192.4,M,4.9,N,9.1,K*49
\$HEHDT,186.0,T*20
\$GPZDA,073837,06,04,2014,00,00*45
\$GPGBS,073837,,,,,,*49

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\$GPGGA,073838,3452.1898,N,07439.0178,W,2,7,0.3,14,M,,M,,*5A
\$HEHDT,185.4,T*27

#

PORT 4 04-06-2014 07:39:29

\$GPGLL,3452.1898,N,07439.0178,W,073838,A*30
\$GPRMC,073838,A,3452.1898,N,07439.0178,W,4.9,179.6,060414,11.9,w*44
\$GPVTG,179.6,T,191.5,M,4.9,N,9.1,K*4E
\$GPZDA,073838,06,04,2014,00,00*4A
\$GPGBS,073838,,,,,,,,*46
\$GPGGA,073839,3452.1882,N,07439.0176,W,2,7,0.3,14,M,,M,,*5E
\$HEHDT,186.0,T*20

#

PORT 4 04-06-2014 07:39:30

\$HEHDT,186.6,T*26
\$GPGLL,3452.1882,N,07439.0176,W,073839,A*34
\$GPRMC,073839,A,3452.1882,N,07439.0176,W,4.9,179.6,060414,11.9,w*40
\$GPVTG,179.6,T,191.5,M,4.9,N,9.1,K*4E
\$GPZDA,073839,06,04,2014,00,00*4B
\$GPGBS,073839,,,,,,,,*47
\$GPGGA,073840,3452.1867,N,07439.0173,W,2,8,0.3,15,M,,M,,*50
\$HEHDT,185.8,T*2B

PORT 12000 04-06-2014 07:39:30

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:39:31

\$GPGLL,3452.1867,N,07439.0173,W,073840,A*34
\$HEHDT,186.5,T*25
\$GPRMC,073840,A,3452.1867,N,07439.0173,W,5.0,177.6,060414,11.9,w*46
\$GPVTG,177.6,T,189.5,M,5.0,N,9.3,K*43
\$GPZDA,073840,06,04,2014,00,00*45
\$GPGBS,073840,,,,,,,,*49
\$GPGGA,073841,3452.1852,N,07439.0172,W,2,8,0.4,15,M,,M,,*51
\$HEHDT,186.5,T*25
\$GPGLL,3452.1852,N,07439.0172,W,073841,A*32
\$GPRMC,073841,A,3452.1852,N,07439.0172,W,5.0,177.7,060414,11.9,w*41
\$GPVTG,177.7,T,189.6,M,5.0,N,9.3,K*41
\$HEHDT,186.4,T*24
\$GPZDA,073841,06,04,2014,00,00*44
\$GPGBS,073841,,,,,,,,*48
\$GPGGA,073842,3452.1835,N,07439.0172,W,2,7,0.4,15,M,,M,,*5C

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PORT 4 04-06-2014 07:39:32

\$HEHDT,186.9,T*29
\$GPGLL,3452.1835,N,07439.0172,W,073842,A*30
\$GPRMC,073842,A,3452.1835,N,07439.0172,W,5.0,177.7,060414,11.9,w*43
\$GPVTG,177.7,T,189.6,M,5.0,N,9.3,K*41
\$HEHDT,186.1,T*21
\$GPZDA,073842,06,04,2014,00,00*47
\$GPGBS,073842,,,,,,,,*4B
\$GPGGA,073843,3452.1819,N,07439.0172,W,2,7,0.5,15,M,,M,,*52

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PORT 4 04-06-2014 07:39:34

\$HEHDT,186.1,T*21
\$GPGLL,3452.1819,N,07439.0172,W,073843,A*3F
\$GPRMC,073843,A,3452.1819,N,07439.0172,W,5.0,179.6,060414,11.9,w*43
\$GPVTG,179.6,T,191.5,M,5.0,N,9.3,K*44
\$HEHDT,185.9,T*2A
\$GPZDA,073843,06,04,2014,00,00*46
\$GPGBS,073843,,,,,,,,*4A
\$GPGGA,073844,3452.1805,N,07439.0175,W,2,6,0.5,15,M,,M,,*5E

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PORT 4 04-06-2014 07:39:35

\$HEHDT,186.0,T*20

S01_C04_survey.Log

\$GPGLL,3452.1805,N,07439.0175,W,073844,A*32
\$GPRMC,073844,A,3452.1805,N,07439.0175,W,5.0,179.6,060414,11.9,W*4E
\$GPVTG,179.6,T,191.5,M,5.0,N,9.3,K*44
\$GPZDA,073844,06,04,2014,00,00*41
\$GPGBS,073844,000.0,000.0,000.0,17,0.05,0012.0,012.5*4B
\$HEHDT,185.9,T*2A
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PORT 4 04-06-2014 07:39:36
\$GPGLL,3452.1791,N,07439.0176,W,073845,A*32
\$GPRMC,073845,A,3452.1791,N,07439.0176,W,5.0,181.6,060414,11.9,W*49
\$HEHDT,186.0,T*20
\$GPVTG,181.6,T,193.5,M,5.0,N,9.3,K*41
\$GPZDA,073845,06,04,2014,00,00*40
\$GPGBS,073845,,,,,,,,*4C
\$GPGGA,073846,3452.1776,N,07439.0175,W,2,5,0.6,15,M,,M,,*57
\$HEHDT,186.5,T*25

PORT 4 04-06-2014 07:39:37
\$GPGLL,3452.1776,N,07439.0175,W,073846,A*3B
\$GPRMC,073846,A,3452.1776,N,07439.0175,W,5.0,181.6,060414,11.9,W*40
\$HEHDT,187.0,T*21
\$GPVTG,181.6,T,193.5,M,5.0,N,9.3,K*41
\$GPZDA,073846,06,04,2014,00,00*43
\$GPGBS,073846,,,,,,,,*4F
\$GPGGA,073847,3452.1760,N,07439.0174,W,2,5,0.4,15,M,,M,,*52
\$HEHDT,187.2,T*23

PORT 4 04-06-2014 07:39:38
\$GPGLL,3452.1760,N,07439.0174,W,073847,A*3C
\$GPRMC,073847,A,3452.1760,N,07439.0174,W,5.0,181.7,060414,11.9,W*46
\$HEHDT,187.3,T*22
\$GPVTG,181.7,T,193.6,M,5.0,N,9.3,K*43
\$GPZDA,073847,06,04,2014,00,00*42
\$GPGBS,073847,,,,,,,,*4E
\$GPGGA,073848,3452.1747,N,07439.0172,W,2,7,0.3,16,M,,M,,*58
\$HEHDT,187.2,T*23

PORT 4 04-06-2014 07:39:39
\$GPGLL,3452.1747,N,07439.0172,W,073848,A*30
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\$GPVTG,180.4,T,192.3,M,4.9,N,9.1,K*4F
\$HEHDT,187.0,T*21
\$GPZDA,073848,06,04,2014,00,00*4D
\$GPGBS,073848,,,,,,,,*41
\$GPGGA,073849,3452.1734,N,07439.0172,W,2,7,0.3,16,M,,M,,*5D
\$HEHDT,186.6,T*26

PORT 4 04-06-2014 07:39:40
\$GPGLL,3452.1734,N,07439.0172,W,073849,A*35
\$GPRMC,073849,A,3452.1734,N,07439.0172,W,4.9,180.4,060414,11.9,W*45
\$GPVTG,180.4,T,192.3,M,4.9,N,9.1,K*4F
\$GPZDA,073849,06,04,2014,00,00*4C
\$HEHDT,186.1,T*21
\$GPGBS,073849,000.0,000.0,000.0,17,0.05,0014.1,012.5*41
\$GPGGA,073850,3452.1723,N,07439.0175,W,2,8,0.3,16,M,,M,,*5B
\$GPGLL,3452.1723,N,07439.0175,W,073850,A*3C
\$HEHDT,185.7,T*24
\$GPRMC,073850,A,3452.1723,N,07439.0175,W,5.0,179.9,060414,11.9,W*4F
\$GPVTG,179.9,T,191.8,M,5.0,N,9.3,K*46
\$GPZDA,073850,06,04,2014,00,00*44
\$GPGBS,073850,000.0,000.0,000.0,17,0.05,0022.3,012.5*4E
\$GPGGA,073851,3452.1708,N,07439.0173,W,2,8,0.4,16,M,,M,,*52

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\$HEHDT,185.7,T*24
PORT 12000 04-06-2014 07:39:40
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PORT 4 04-06-2014 07:39:42
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\$GPRMC,073851,A,3452.1708,N,07439.0173,w,5.0,180.1,060414,11.9,w*4F
\$GPVTG,180.1,T,192.0,M,5.0,N,9.3,K*43
\$GPZDA,073851,06,04,2014,00,00*45
\$GPGBS,073851,,,,,,,,*49
\$GPGGA,073852,3452.1693,N,07439.0172,w,2,7,0.5,16,M,,M,,*5D
\$HEHDT,186.7,T*27

PORT 4 04-06-2014 07:39:43
\$GPGLL,3452.1693,N,07439.0172,w,073852,A*33
\$GPRMC,073852,A,3452.1693,N,07439.0172,w,5.0,179.8,060414,11.9,w*41
\$HEHDT,186.9,T*29
\$GPVTG,179.8,T,191.7,M,5.0,N,9.3,K*48
\$GPZDA,073852,06,04,2014,00,00*46
\$GPGBS,073852,,,,,,,,*4A
\$GPGGA,073853,3452.1678,N,07439.0171,w,2,7,0.4,16,M,,M,,*5B
\$HEHDT,187.4,T*25

PORT 4 04-06-2014 07:39:44
\$GPGLL,3452.1678,N,07439.0171,w,073853,A*34
\$GPRMC,073853,A,3452.1678,N,07439.0171,w,4.9,179.7,060414,11.9,w*41
\$GPVTG,179.7,T,191.6,M,4.9,N,9.1,K*4C
\$HEHDT,187.2,T*23
\$GPZDA,073853,06,04,2014,00,00*47
\$GPGBS,073853,,,,,,,,*4B
\$GPGGA,073854,3452.1664,N,07439.0172,w,2,7,0.4,16,M,,M,,*52

PORT 4 04-06-2014 07:39:45
\$HEHDT,186.9,T*29
\$GPGLL,3452.1664,N,07439.0172,w,073854,A*3D
\$GPRMC,073854,A,3452.1664,N,07439.0172,w,4.9,180.0,060414,11.9,w*49
\$GPVTG,180.0,T,191.9,M,4.9,N,9.1,K*42
\$GPZDA,073854,06,04,2014,00,00*40
\$GPGBS,073854,,,,,,,,*4C
\$HEHDT,186.7,T*27
\$GPGGA,073855,3452.1648,N,07439.0172,w,2,7,0.4,16,M,,M,,*5D

PORT 4 04-06-2014 07:39:46
\$HEHDT,186.4,T*24
\$GPGLL,3452.1648,N,07439.0172,w,073855,A*32
\$GPRMC,073855,A,3452.1648,N,07439.0172,w,5.0,180.6,060414,11.9,w*48
\$GPVTG,180.6,T,192.5,M,5.0,N,9.3,K*41
\$GPZDA,073855,06,04,2014,00,00*41
\$GPGBS,073855,,,,,,,,*4D
\$GPGGA,073856,3452.1632,N,07439.0173,w,2,7,0.4,16,M,,M,,*52
\$HEHDT,186.0,T*20

PORT 4 04-06-2014 07:39:47
\$GPGLL,3452.1632,N,07439.0173,w,073856,A*3D
\$HEHDT,186.1,T*21
\$GPRMC,073856,A,3452.1632,N,07439.0173,w,5.0,181.0,060414,11.9,w*40
\$GPVTG,181.0,T,192.9,M,5.0,N,9.3,K*4A
\$GPZDA,073856,06,04,2014,00,00*42
\$GPGBS,073856,,,,,,,,*4E
\$GPGGA,073857,3452.1619,N,07439.0175,w,2,7,0.3,16,M,,M,,*5B
\$HEHDT,186.1,T*21
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PORT 4 04-06-2014 07:39:48

\$GPGLL,3452.1619,N,07439.0175,W,073857,A*33
\$HEHDT,186.4,T*24
\$GPRMC,073857,A,3452.1619,N,07439.0175,W,5.1,181.4,060414,11.9,w*4B
\$GPVTG,181.4,T,193.3,M,5.1,N,9.4,K*43
\$GPZDA,073857,06,04,2014,00,00*43
\$GPGBS,073857,,,,,,,,*4F
\$GPGGA,073858,3452.1607,N,07439.0177,W,2,8,0.3,16,M,,M,,*56
\$HEHDT,186.4,T*24

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PORT 4 04-06-2014 07:39:49

\$GPGLL,3452.1607,N,07439.0177,W,073858,A*31
\$GPRMC,073858,A,3452.1607,N,07439.0177,W,5.1,181.4,060414,11.9,w*49
\$HEHDT,186.4,T*24
\$GPVTG,181.4,T,193.3,M,5.1,N,9.4,K*43
\$GPZDA,073858,06,04,2014,00,00*4C
\$GPGBS,073858,000.0,000.0,000.0,17,0.05,0014.5,012.5*45
\$GPGGA,073859,3452.1596,N,07439.0180,W,2,8,0.3,16,M,,M,,*54
\$HEHDT,186.0,T*20

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PORT 4 04-06-2014 07:39:50

\$GPGLL,3452.1596,N,07439.0180,W,073859,A*33
\$GPRMC,073859,A,3452.1596,N,07439.0180,W,5.1,181.9,060414,11.9,w*46
\$GPVTG,181.9,T,193.8,M,5.1,N,9.4,K*45
\$GPZDA,073859,06,04,2014,00,00*4D
\$HEHDT,186.4,T*24
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PORT 4 04-06-2014 07:39:51

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\$GPVTG,182.1,T,194.0,M,5.1,N,9.4,K*41
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\$GPGGA,073901,3452.1568,N,07439.0179,W,2,8,0.4,16,M,,M,,*58

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PORT 4 04-06-2014 07:39:52

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\$GPRMC,073901,A,3452.1568,N,07439.0179,W,5.1,182.1,060414,11.9,w*46
\$GPVTG,182.1,T,194.0,M,5.1,N,9.4,K*41
\$GPZDA,073901,06,04,2014,00,00*41
\$GPGBS,073901,000.0,000.0,000.0,17,0.05,0012.3,012.5*48
\$GPGGA,073902,3452.1556,N,07439.0178,W,2,8,0.3,16,M,,M,,*50
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PORT 4 04-06-2014 07:39:53

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\$GPVTG,181.5,T,193.4,M,5.1,N,9.4,K*45
\$GPZDA,073902,06,04,2014,00,00*42
\$GPGBS,073902,000.0,000.0,000.0,17,0.05,0017.3,012.5*4E
\$GPGGA,073903,3452.1543,N,07439.0179,W,2,8,0.5,16,M,,M,,*52
\$HEHDT,186.1,T*21
\$GPGLL,3452.1543,N,07439.0179,W,073903,A*33
\$GPRMC,073903,A,3452.1543,N,07439.0179,W,5.1,179.3,060414,11.9,w*4B
\$GPVTG,179.3,T,191.2,M,5.1,N,9.4,K*40

S01_C04_survey.Log

\$HEHDT,186.7,T*27
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PORT 4 04-06-2014 07:39:54
\$HEHDT,186.9,T*29
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\$GPVTG,178.9,T,190.8,M,5.0,N,9.3,K*46
\$GPZDA,073904,06,04,2014,00,00*44
\$HEHDT,186.9,T*29
\$GPGBS,073904,,,,,,,,*48
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PORT 4 04-06-2014 07:39:55
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\$GPVTG,178.9,T,190.8,M,4.9,N,9.1,K*4C
\$GPZDA,073905,06,04,2014,00,00*45
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\$HEHDT,186.9,T*29

PORT 5 04-06-2014 07:39:57
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PORT 4 04-06-2014 07:39:57
\$GPGLL,3452.1505,N,07439.0182,W,073906,A*30
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\$GPVTG,179.6,T,191.5,M,4.9,N,9.1,K*4E
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\$HEHDT,186.2,T*22

PORT 4 04-06-2014 07:39:58
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\$GPZDA,073907,06,04,2014,00,00*47
\$GPGBS,073907,,,,,,,,*4B
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\$HEHDT,185.6,T*25
\$GPGLL,3452.1480,N,07439.0186,W,073908,A*36
\$GPRMC,073908,A,3452.1480,N,07439.0186,W,5.0,182.1,060414,11.9,W*49
\$GPVTG,182.1,T,194.0,M,5.0,N,9.3,K*47
\$HEHDT,185.4,T*27
\$GPZDA,073908,06,04,2014,00,00*48
\$GPGBS,073908,,,,,,,,*44
\$GPGGA,073909,3452.1465,N,07439.0187,W,2,6,0.6,16,M,,M,,*51

PORT 4 04-06-2014 07:39:59
\$HEHDT,185.4,T*27
\$GPGLL,3452.1465,N,07439.0187,W,073909,A*3D
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\$GPVTG,182.8,T,194.7,M,4.9,N,9.1,K*43
\$GPZDA,073909,06,04,2014,00,00*49
\$HEHDT,185.9,T*2A
\$GPGBS,073909,,,,,,,,*45
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04352 mS
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PORT 4 04-06-2014 07:40:01
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$GPVTG,182.9,T,194.8,M,4.9,N,9.1,K*4D
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$HEHDT,186.5,T*25
$GPGBS,073910,,,,,,*4D
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$GPVTG,182.9,T,194.8,M,4.9,N,9.1,K*4D
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PORT 4 04-06-2014 07:40:03
$GPGLL,3452.1416,N,07439.0183,W,073912,A*37
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$HEHDT,186.8,T*28
$GPVTG,180.6,T,192.5,M,5.2,N,9.6,K*46
$GPZDA,073912,06,04,2014,00,00*43
$GPGBS,073912,,,,,,*4F
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$HEHDT,186.9,T*29
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PORT 4 04-06-2014 07:40:04
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$GPRMC,073913,A,3452.1400,N,07439.0180,W,5.1,179.8,060414,11.9,W*41
$HEHDT,186.8,T*28
$GPVTG,179.8,T,191.7,M,5.1,N,9.4,K*4E
$GPZDA,073913,06,04,2014,00,00*42
$GPGBS,073913,,,,,,*4E
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$HEHDT,187.2,T*23
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PORT 4 04-06-2014 07:40:05
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$GPRMC,073914,A,3452.1389,N,07439.0182,W,5.1,179.8,060414,11.9,W*42
$GPVTG,179.8,T,191.7,M,5.1,N,9.4,K*4E
$HEHDT,187.0,T*21
$GPZDA,073914,06,04,2014,00,00*45
$GPGBS,073914,000.0,000.0,000.0,17,0.05,0015.8,012.5*40
$GPGGA,073915,3452.1375,N,07439.0182,W,2,7,0.3,15,M,,M,,*58
$HEHDT,186.8,T*28
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$GPVTG,180.0,T,191.9,M,5.0,N,9.3,K*48
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$GPGBS,073915,,,,,,*48
$HEHDT,186.9,T*29
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\$GPRMC,073916,A,3452.1359,N,07439.0182,W,5.0,180.9,060414,11.9,W*4B
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\$GPZDA,073916,06,04,2014,00,00*47
\$GPGBS,073916,,,,,,,,*4B
\$GPGGA,073917,3452.1346,N,07439.0182,W,2,8,0.3,15,M,,M,,*55
\$HEHDT,186.8,T*28

PORT 4 04-06-2014 07:40:08
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\$HEHDT,186.8,T*28
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\$GPVTG,181.2,T,193.1,M,5.0,N,9.3,K*41
\$GPZDA,073917,06,04,2014,00,00*46
\$GPGBS,073917,,,,,,,,*4A
\$GPGGA,073918,3452.1333,N,07439.0182,W,2,8,0.3,15,M,,M,,*58
\$HEHDT,186.6,T*26

PORT 4 04-06-2014 07:40:09
\$GPGLL,3452.1333,N,07439.0182,W,073918,A*3C
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\$HEHDT,186.8,T*28
\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
\$GPZDA,073918,06,04,2014,00,00*49
\$GPGBS,073918,,,,,,,,*45
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\$HEHDT,186.9,T*29
\$GPGLL,3452.1321,N,07439.0183,W,073919,A*3F
\$GPRMC,073919,A,3452.1321,N,07439.0183,W,4.8,181.8,060414,11.9,W*43
\$GPVTG,181.8,T,193.7,M,4.8,N,8.9,K*4F
\$HEHDT,186.9,T*29
\$GPZDA,073919,06,04,2014,00,00*48
\$GPGBS,073919,,,,,,,,*44
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PORT 4 04-06-2014 07:40:10
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\$GPVTG,182.0,T,193.9,M,4.8,N,8.9,K*4A
\$GPZDA,073920,06,04,2014,00,00*42
\$HEHDT,186.1,T*21
\$GPGBS,073920,,,,,,,,*4E
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PORT 12000 04-06-2014 07:40:10
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PORT 4 04-06-2014 07:40:11
\$HEHDT,186.4,T*24
\$GPGLL,3452.1299,N,07439.0186,W,073921,A*33
\$GPRMC,073921,A,3452.1299,N,07439.0186,W,4.8,182.0,060414,11.9,W*44
\$GPVTG,182.0,T,193.9,M,4.8,N,8.9,K*4A
\$GPZDA,073921,06,04,2014,00,00*43
\$GPGBS,073921,000.0,000.0,000.0,17,0.05,0044.4,012.5*4E
\$HEHDT,186.0,T*20
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PORT 4 04-06-2014 07:40:12
\$HEHDT,185.9,T*2A

S01_C04_survey.Log

\$GPGLL,3452.1285,N,07439.0186,W,073922,A*3D
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\$GPVTG,182.0,T,193.9,M,4.8,N,8.9,K*4A
\$GPZDA,073922,06,04,2014,00,00*40
\$GPGBS,073922,000.0,000.0,000.0,17,0.05,0015.3,012.5*4E
\$GPGGA,073923,3452.1270,N,07439.0185,W,2,8,0.3,15,M,,M,,*51
\$HEHDT,186.0,T*20

PORT 4 04-06-2014 07:40:13
\$GPGLL,3452.1270,N,07439.0185,W,073923,A*35
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\$GPVTG,180.8,T,192.7,M,5.0,N,9.3,K*4D
\$GPZDA,073923,06,04,2014,00,00*41
\$GPGBS,073923,,,,,,*4D
\$GPGGA,073924,3452.1256,N,07439.0186,W,2,8,0.3,15,M,,M,,*51
\$HEHDT,186.5,T*25

PORT 4 04-06-2014 07:40:15
\$GPGLL,3452.1256,N,07439.0186,W,073924,A*35
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\$HEHDT,187.0,T*21
\$GPVTG,180.6,T,192.5,M,5.0,N,9.3,K*41
\$GPZDA,073924,06,04,2014,00,00*46
\$GPGBS,073924,,,,,,*4A
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\$HEHDT,186.9,T*29

PORT 4 04-06-2014 07:40:16
\$GPGLL,3452.1241,N,07439.0186,W,073925,A*32
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\$GPVTG,180.6,T,192.5,M,5.0,N,9.3,K*41
\$GPZDA,073925,06,04,2014,00,00*47
\$HEHDT,187.2,T*23
\$GPGBS,073925,,,,,,*4B
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PORT 4 04-06-2014 07:40:17
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\$GPGLL,3452.1223,N,07439.0184,W,073926,A*37
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\$GPVTG,181.1,T,193.0,M,5.1,N,9.4,K*45
\$GPZDA,073926,06,04,2014,00,00*44
\$GPGBS,073926,,,,,,*48
\$GPGGA,073927,3452.1208,N,07439.0184,W,2,8,0.3,16,M,,M,,*58
\$HEHDT,187.1,T*20

PORT 4 04-06-2014 07:40:18
\$HEHDT,187.3,T*22
\$GPGLL,3452.1208,N,07439.0184,W,073927,A*3F
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\$GPVTG,181.2,T,193.1,M,5.1,N,9.4,K*47
\$GPZDA,073927,06,04,2014,00,00*45
\$GPGBS,073927,,,,,,*49
\$GPGGA,073928,3452.1194,N,07439.0186,W,2,8,0.3,16,M,,M,,*53
\$HEHDT,186.2,T*22

PORT 4 04-06-2014 07:40:19
\$GPGLL,3452.1194,N,07439.0186,W,073928,A*34
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\$GPVTG,181.6,T,193.5,M,5.0,N,9.3,K*41
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\$GPGBS,073928,,,,,,,,*46
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PORT 4 04-06-2014 07:40:20
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\$HEHDT,186.2,T*22
\$GPVTG,181.6,T,193.5,M,5.0,N,9.3,K*41
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PORT 12000 04-06-2014 07:40:20
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PORT 4 04-06-2014 07:40:21
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\$GPVTG,182.7,T,194.6,M,4.9,N,9.1,K*4D
\$HEHDT,186.4,T*24
\$GPZDA,073930,06,04,2014,00,00*43
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\$HEHDT,185.8,T*2B

PORT 4 04-06-2014 07:40:22
\$GPGLL,3452.1152,N,07439.0186,W,073931,A*36
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\$GPVTG,182.7,T,194.6,M,4.9,N,9.1,K*4D
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\$HEHDT,186.1,T*21
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PORT 4 04-06-2014 07:40:23
\$GPGLL,3452.1137,N,07439.0184,W,073932,A*34
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\$GPVTG,181.8,T,193.7,M,4.8,N,8.9,K*4F
\$GPZDA,073932,06,04,2014,00,00*41
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\$GPGBA,073933,3452.1127,N,07439.0186,W,2,7,0.4,16,M,,M,,*59
\$GPGLL,3452.1127,N,07439.0186,W,073933,A*36
\$HEHDT,186.5,T*25
\$GPRMC,073933,A,3452.1127,N,07439.0186,W,4.8,181.8,060414,11.9,W*4A
\$GPVTG,181.8,T,193.7,M,4.8,N,8.9,K*4F
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\$GPGBA,073934,3452.1111,N,07439.0183,W,2,8,0.4,16,M,,M,,*51
\$HEHDT,186.5,T*25

PORT 4 04-06-2014 07:40:25
\$GPGLL,3452.1111,N,07439.0183,W,073934,A*31
\$GPRMC,073934,A,3452.1111,N,07439.0183,W,5.0,180.2,060414,11.9,W*4F
\$HEHDT,186.1,T*21
\$GPVTG,180.2,T,192.1,M,5.0,N,9.3,K*41
\$GPZDA,073934,06,04,2014,00,00*47
\$GPGBS,073934,,,,,,,,*4B
\$GPGBA,073935,3452.1096,N,07439.0182,W,2,8,0.4,16,M,,M,,*5F
\$HEHDT,186.1,T*21
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PORT 4 04-06-2014 07:40:26

\$GPGLL,3452.1096,N,07439.0182,W,073935,A*3F
\$GPRMC,073935,A,3452.1096,N,07439.0182,W,5.0,180.2,060414,11.9,w*41
\$HEHDT,186.1,T*21
\$GPVTG,180.2,T,192.1,M,5.0,N,9.3,K*41
\$GPZDA,073935,06,04,2014,00,00*46
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PORT 4 04-06-2014 07:40:27

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\$GPRMC,073936,A,3452.1088,N,07439.0186,W,5.0,179.4,060414,11.9,w*49
\$GPVTG,179.4,T,191.3,M,5.0,N,9.3,K*40
\$HEHDT,185.7,T*24
\$GPZDA,073936,06,04,2014,00,00*45
\$GPGBS,073936,000.0,000.0,000.0,17,0.05,0033.2,012.5*4E
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PORT 4 04-06-2014 07:40:28

\$HEHDT,185.8,T*2B
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\$GPRMC,073937,A,3452.1076,N,07439.0187,W,5.0,179.2,060414,11.9,w*4E
\$GPVTG,179.2,T,191.1,M,5.0,N,9.3,K*44
\$GPZDA,073937,06,04,2014,00,00*44
\$HEHDT,185.4,T*27
\$GPGBS,073937,000.0,000.0,000.0,17,0.05,0019.5,012.5*40
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PORT 4 04-06-2014 07:40:29

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\$GPVTG,179.9,T,191.8,M,5.0,N,9.3,K*46
\$GPZDA,073938,06,04,2014,00,00*4B
\$GPGBS,073938,000.0,000.0,000.0,17,0.05,0016.9,012.5*4C
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PORT 4 04-06-2014 07:40:30

\$GPGLL,3452.1051,N,07439.0193,W,073939,A*38
\$HEHDT,185.7,T*24
\$GPRMC,073939,A,3452.1051,N,07439.0193,W,5.0,181.1,060414,11.9,w*44
\$GPVTG,181.1,T,193.0,M,5.0,N,9.3,K*43
\$GPZDA,073939,06,04,2014,00,00*4A
\$GPGBS,073939,000.0,000.0,000.0,17,0.05,0015.6,012.5*41
\$GPGGA,073940,3452.1039,N,07439.0194,W,2,8,0.3,16,M,,M,,*58
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PORT 4 04-06-2014 07:40:31

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\$GPVTG,182.0,T,193.9,M,5.0,N,9.3,K*48
\$HEHDT,186.1,T*21
\$GPZDA,073940,06,04,2014,00,00*44
\$GPGBS,073940,000.0,000.0,000.0,17,0.05,0014.5,012.5*4D
\$GPGGA,073941,3452.1021,N,07439.0193,W,2,8,0.3,16,M,,M,,*57
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PORT 4 04-06-2014 07:40:32

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\$GPRMC,073941,A,3452.1021,N,07439.0193,W,5.0,182.4,060414,11.9,W*4A
\$GPVTG,182.4,T,194.3,M,5.0,N,9.3,K*41
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\$HEHDT,186.1,T*21
\$GPGBS,073941,,,,,,,,*49
\$GPGGA,073942,3452.1005,N,07439.0191,W,2,7,0.4,16,M,,M,,*58
\$HEHDT,186.1,T*21

PORT 4 04-06-2014 07:40:33
\$GPGLL,3452.1005,N,07439.0191,W,073942,A*37
\$GPRMC,073942,A,3452.1005,N,07439.0191,W,5.0,182.4,060414,11.9,W*4D
\$GPVTG,182.4,T,194.3,M,5.0,N,9.3,K*41
\$GPZDA,073942,06,04,2014,00,00*46
\$GPGBS,073942,,,,,,,,*4A
\$GPGGA,073943,3452.0989,N,07439.0190,W,2,7,0.4,16,M,,M,,*54
\$HEHDT,185.6,T*25

PORT 4 04-06-2014 07:40:34
\$GPGLL,3452.0989,N,07439.0190,W,073943,A*3B
\$HEHDT,185.6,T*25
\$GPRMC,073943,A,3452.0989,N,07439.0190,W,5.0,181.9,060414,11.9,W*4F
\$GPVTG,181.9,T,193.8,M,5.0,N,9.3,K*43
\$GPZDA,073943,06,04,2014,00,00*47
\$GPGBS,073943,,,,,,,,*4B
\$GPGGA,073944,3452.0976,N,07439.0189,W,2,7,0.4,16,M,,M,,*5B
\$HEHDT,185.7,T*24

PORT 4 04-06-2014 07:40:35
\$GPGLL,3452.0976,N,07439.0189,W,073944,A*34
\$GPRMC,073944,A,3452.0976,N,07439.0189,W,5.0,181.3,060414,11.9,W*4A
\$HEHDT,185.2,T*21
\$GPVTG,181.3,T,193.2,M,5.0,N,9.3,K*43
\$GPZDA,073944,06,04,2014,00,00*40
\$GPGBS,073944,,,,,,,,*4C
\$GPGGA,073945,3452.0961,N,07439.0188,W,2,7,0.3,16,M,,M,,*5A
\$HEHDT,184.9,T*2B

PORT 4 04-06-2014 07:40:36
\$GPGLL,3452.0961,N,07439.0188,W,073945,A*32
\$GPRMC,073945,A,3452.0961,N,07439.0188,W,5.0,180.6,060414,11.9,W*48
\$HEHDT,185.0,T*23
\$GPVTG,180.6,T,192.5,M,5.0,N,9.3,K*41
\$GPZDA,073945,06,04,2014,00,00*41
\$GPGBS,073945,,,,,,,,*4D
\$GPGGA,073946,3452.0945,N,07439.0186,W,2,7,0.4,16,M,,M,,*56
\$HEHDT,184.9,T*2B
\$GPGLL,3452.0945,N,07439.0186,W,073946,A*39
\$GPRMC,073946,A,3452.0945,N,07439.0186,W,5.0,180.3,060414,11.9,W*46
\$GPVTG,180.3,T,192.2,M,5.0,N,9.3,K*43
\$GPZDA,073946,06,04,2014,00,00*42
\$HEHDT,185.7,T*24
\$GPGBS,073946,,,,,,,,*4E
\$GPGGA,073947,3452.0928,N,07439.0186,W,2,7,0.4,16,M,,M,,*5C

PORT 4 04-06-2014 07:40:37
\$HEHDT,185.9,T*2A
\$GPGLL,3452.0928,N,07439.0186,W,073947,A*33
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\$GPVTG,180.1,T,192.0,M,5.0,N,9.3,K*43
\$GPZDA,073947,06,04,2014,00,00*43
\$HEHDT,186.7,T*27
\$GPGBS,073947,,,,,,,,*4F
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$GPVTG,180.1,T,192.0,M,5.0,N,9.3,K*43
$GPZDA,073948,06,04,2014,00,00*4C
$GPGBS,073948,000.0,000.0,000.0,17,0.05,0025.9,012.5*4B
$HEHDT,186.1,T*21
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PORT 4 04-06-2014 07:40:40
$GPGLL,3452.0916,N,07439.0193,W,073949,A*34
$HEHDT,185.8,T*2B
$GPRMC,073949,A,3452.0916,N,07439.0193,W,5.0,180.4,060414,11.9,W*4C
$GPVTG,180.4,T,192.3,M,5.0,N,9.3,K*45
$GPZDA,073949,06,04,2014,00,00*4D
$GPGBS,073949,000.0,000.0,000.0,17,0.05,0020.6,012.5*40
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PORT 4 04-06-2014 07:40:41
$GPGLL,3452.0896,N,07439.0191,W,073950,A*37
$GPRMC,073950,A,3452.0896,N,07439.0191,W,4.9,181.1,060414,11.9,W*43
$HEHDT,185.5,T*26
$GPVTG,181.1,T,193.0,M,4.9,N,9.1,K*49
$GPZDA,073950,06,04,2014,00,00*45
$GPGBS,073950,,,,,,*49
$GPGGA,073951,3452.0878,N,07439.0191,W,2,6,0.4,16,M,,M,,*58
$HEHDT,185.2,T*21
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PORT 4 04-06-2014 07:40:42
$GPGLL,3452.0878,N,07439.0191,W,073951,A*36
$GPRMC,073951,A,3452.0878,N,07439.0191,W,4.8,181.4,060414,11.9,W*46
$GPVTG,181.4,T,193.3,M,4.8,N,8.9,K*47
$HEHDT,185.2,T*21
$GPZDA,073951,06,04,2014,00,00*44
$GPGBS,073951,,,,,,*48
$GPGGA,073952,3452.0862,N,07439.0191,W,2,4,0.6,16,M,,M,,*50
$HEHDT,185.9,T*2A
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PORT 4 04-06-2014 07:40:43
$GPGLL,3452.0862,N,07439.0191,W,073952,A*3E
$GPRMC,073952,A,3452.0862,N,07439.0191,W,4.9,181.5,060414,11.9,W*4E
$GPVTG,181.5,T,193.4,M,4.9,N,9.1,K*49
$GPZDA,073952,06,04,2014,00,00*47
$GPGBS,073952,,,,,,*4B
$HEHDT,185.1,T*22
$GPGGA,073953,3452.0845,N,07439.0191,W,2,4,0.6,16,M,,M,,*54
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PORT 5 04-06-2014 07:40:44
IN
PORT 4 04-06-2014 07:40:44
$GPGLL,3452.0862,N,07439.0191,W,073952,A*3E
$GPRMC,073952,A,3452.0862,N,07439.0191,W,4.9,181.5,060414,11.9,W*4E
$GPVTG,181.5,T,193.4,M,4.9,N,9.1,K*49
$GPZDA,073952,06,04,2014,00,00*47
$GPGBS,073952,,,,,,*4B
$HEHDT,185.1,T*22
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$HEHDT,185.6,T*25
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\$GPVTG,181.7,T,193.6,M,4.9,N,9.1,K*49
\$GPZDA,073953,06,04,2014,00,00*46
\$GPGBS,073953,,,,,,,,*4A
\$GPGBS,073954,3452.0829,N,07439.0190,W,2,5,0.6,16,M,,M,,*59
\$HEHDT,185.7,T*24
\$GPGLL,3452.0829,N,07439.0190,W,073954,A*36
\$HEHDT,185.6,T*25
\$GPRMC,073954,A,3452.0829,N,07439.0190,W,4.9,181.5,060414,11.9,w*46
\$GPVTG,181.5,T,193.4,M,4.9,N,9.1,K*49
\$GPZDA,073954,06,04,2014,00,00*41
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\$GPGBS,073955,3452.0817,N,07439.0190,W,2,5,0.6,16,M,,M,,*55
\$HEHDT,185.9,T*2A

PORT 4 04-06-2014 07:40:45
\$GPGLL,3452.0817,N,07439.0190,W,073955,A*3A
\$HEHDT,185.7,T*24
\$GPRMC,073955,A,3452.0817,N,07439.0190,W,4.9,181.1,060414,11.9,w*4E
\$GPVTG,181.1,T,193.0,M,4.9,N,9.1,K*49
\$GPZDA,073955,06,04,2014,00,00*40
\$GPGBS,073955,,,,,,,,*4C
\$GPGBS,073956,3452.0802,N,07439.0189,W,2,6,0.4,16,M,,M,,*5B
\$HEHDT,185.8,T*2B

PORT 5 04-06-2014 07:40:47
04413 ms
*
PORT 4 04-06-2014 07:40:47
\$GPGLL,3452.0802,N,07439.0189,W,073956,A*35
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\$HEHDT,185.7,T*24
\$GPVTG,180.8,T,192.7,M,5.0,N,9.3,K*4D
\$GPZDA,073956,06,04,2014,00,00*43
\$GPGBS,073956,,,,,,,,*4F
\$GPGBS,073957,3452.0788,N,07439.0190,W,2,6,0.4,16,M,,M,,*5F
\$HEHDT,186.0,T*20
\$GPGLL,3452.0788,N,07439.0190,W,073957,A*31
\$GPRMC,073957,A,3452.0788,N,07439.0190,W,5.0,180.8,060414,11.9,w*45
\$GPVTG,180.8,T,192.7,M,5.0,N,9.3,K*4D
\$GPZDA,073957,06,04,2014,00,00*42
\$GPGBS,073957,,,,,,,,*4E
\$HEHDT,185.5,T*26
\$GPGBS,073958,3452.0775,N,07439.0190,W,2,7,0.4,16,M,,M,,*53

PORT 4 04-06-2014 07:40:48
\$HEHDT,185.1,T*22
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\$GPRMC,073958,A,3452.0775,N,07439.0190,W,5.0,181.0,060414,11.9,w*41
\$GPVTG,181.0,T,192.9,M,5.0,N,9.3,K*4A
\$GPZDA,073958,06,04,2014,00,00*4D
\$GPGBS,073958,,,,,,,,*41
\$GPGBS,073959,3452.0760,N,07439.0191,W,2,7,0.4,15,M,,M,,*54
\$HEHDT,185.2,T*21

PORT 4 04-06-2014 07:40:49
\$GPGLL,3452.0760,N,07439.0191,W,073959,A*38
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\$GPRMC,073959,A,3452.0760,N,07439.0191,W,4.9,181.6,060414,11.9,w*4B
\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
\$GPZDA,073959,06,04,2014,00,00*4C
\$GPGBS,073959,,,,,,,,*40

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\$GPGGA,074000,3452.0746,N,07439.0191,W,2,7,0.4,15,M,,M,,*52
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PORT 4 04-06-2014 07:40:50
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\$HEHDT,185.6,T*25
\$GPVTG,182.0,T,193.9,M,4.9,N,9.1,K*42
\$GPZDA,074000,06,04,2014,00,00*4E
\$GPGBS,074000,,,,,,,,*42
\$GPGGA,074001,3452.0732,N,07439.0190,W,2,7,0.4,15,M,,M,,*51
\$HEHDT,185.1,T*22
PORT 12000 04-06-2014 07:40:50
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PORT 4 04-06-2014 07:40:52
\$GPGLL,3452.0732,N,07439.0190,W,074001,A*3D
\$HEHDT,185.7,T*24
\$GPRMC,074001,A,3452.0732,N,07439.0190,W,4.9,181.8,060414,11.9,W*40
\$GPVTG,181.8,T,193.7,M,4.9,N,9.1,K*47
\$GPZDA,074001,06,04,2014,00,00*4F
\$GPGBS,074001,,,,,,,,*43
\$GPGGA,074002,3452.0723,N,07439.0193,W,2,7,0.4,15,M,,M,,*51
\$HEHDT,185.7,T*24

PORT 4 04-06-2014 07:40:53
\$GPGLL,3452.0723,N,07439.0193,W,074002,A*3D
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\$GPVTG,181.1,T,193.0,M,4.9,N,9.1,K*49
\$HEHDT,185.7,T*24
\$GPZDA,074002,06,04,2014,00,00*4C
\$GPGBS,074002,000.0,000.0,000.0,17,0.05,0030.7,012.5*41
\$GPGGA,074003,3452.0711,N,07439.0192,W,2,7,0.3,15,M,,M,,*57
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PORT 4 04-06-2014 07:40:54
\$GPGLL,3452.0711,N,07439.0192,W,074003,A*3C
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\$GPVTG,180.5,T,192.4,M,4.9,N,9.1,K*49
\$GPZDA,074003,06,04,2014,00,00*4D
\$HEHDT,186.2,T*22
\$GPGBS,074003,,,,,,,,*41
\$GPGGA,074004,3452.0700,N,07439.0193,W,2,8,0.3,15,M,,M,,*5E
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\$GPRMC,074004,A,3452.0700,N,07439.0193,W,4.9,180.1,060414,11.9,W*4F
\$GPVTG,180.1,T,192.0,M,4.9,N,9.1,K*49
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\$HEHDT,186.2,T*22

PORT 4 04-06-2014 07:40:55
\$GPGLL,3452.0687,N,07439.0194,W,074005,A*32
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\$GPVTG,180.1,T,192.0,M,4.9,N,9.1,K*49
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\$GPGBS,074005,,,,,,,,*47
\$GPGGA,074006,3452.0674,N,07439.0197,W,2,8,0.3,15,M,,M,,*5A
\$HEHDT,184.9,T*2B

PORT 4 04-06-2014 07:40:56

S01_C04_survey.Log

\$GPGLL,3452.0674,N,07439.0197,W,074006,A*3E
\$GPRMC,074006,A,3452.0674,N,07439.0197,W,4.8,181.0,060414,11.9,W*4A
\$HEHDT,184.8,T*2A
\$GPVTG,181.0,T,192.9,M,4.8,N,8.9,K*48
\$GPZDA,074006,06,04,2014,00,00*48
\$GPGGBS,074006,,,,,,,,*44
\$GPGGA,074007,3452.0656,N,07439.0197,W,2,8,0.3,15,M,,M,,*5B
\$HEHDT,183.9,T*2C

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PORT 4 04-06-2014 07:40:57

\$GPGLL,3452.0656,N,07439.0197,W,074007,A*3F
\$GPRMC,074007,A,3452.0656,N,07439.0197,W,4.9,182.2,060414,11.9,W*4B
\$GPVTG,182.2,T,194.1,M,4.9,N,9.1,K*4F
\$HEHDT,184.2,T*20
\$GPZDA,074007,06,04,2014,00,00*49
\$GPGGBS,074007,,,,,,,,*45
\$GPGGA,074008,3452.0640,N,07439.0197,W,2,7,0.4,15,M,,M,,*5B

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PORT 4 04-06-2014 07:40:58

\$HEHDT,184.6,T*24
\$GPGLL,3452.0640,N,07439.0197,W,074008,A*37
\$GPRMC,074008,A,3452.0640,N,07439.0197,W,5.0,182.4,060414,11.9,W*4D
\$GPVTG,182.4,T,194.3,M,5.0,N,9.3,K*41
\$GPZDA,074008,06,04,2014,00,00*46
\$HEHDT,184.3,T*21
\$GPGGBS,074008,,,,,,,,*4A
\$GPGGA,074009,3452.0625,N,07439.0196,W,2,7,0.4,15,M,,M,,*58

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PORT 4 04-06-2014 07:40:59

\$HEHDT,185.0,T*23
\$GPGLL,3452.0625,N,07439.0196,W,074009,A*34
\$GPRMC,074009,A,3452.0625,N,07439.0196,W,5.0,182.1,060414,11.9,W*4B
\$GPVTG,182.1,T,194.0,M,5.0,N,9.3,K*47
\$GPZDA,074009,06,04,2014,00,00*47
\$HEHDT,185.4,T*27
\$GPGGBS,074009,,,,,,,,*4B
\$GPGGA,074010,3452.0618,N,07439.0198,W,2,7,0.4,14,M,,M,,*51

PORT 12000 04-06-2014 07:40:59

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:41:00

\$GPGLL,3452.0618,N,07439.0198,W,074010,A*3C
\$GPRMC,074010,A,3452.0618,N,07439.0198,W,5.0,181.8,060414,11.9,W*49
\$HEHDT,186.1,T*21
\$GPVTG,181.8,T,193.7,M,5.0,N,9.3,K*4D
\$GPZDA,074010,06,04,2014,00,00*4F
\$GPGGBS,074010,000.0,000.0,000.0,17,0.05,0035.2,012.5*42
\$GPGGA,074011,3452.0603,N,07439.0196,W,2,7,0.3,14,M,,M,,*53
\$HEHDT,185.4,T*27

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PORT 4 04-06-2014 07:41:01

\$GPGLL,3452.0603,N,07439.0196,W,074011,A*39
\$HEHDT,185.9,T*2A
\$GPRMC,074011,A,3452.0603,N,07439.0196,W,4.9,181.1,060414,11.9,W*4D
\$GPVTG,181.1,T,193.0,M,4.9,N,9.1,K*49
\$GPZDA,074011,06,04,2014,00,00*4E
\$GPGGBS,074011,,,,,,,,*42
\$GPGGA,074012,3452.0588,N,07439.0195,W,2,7,0.4,14,M,,M,,*54
\$HEHDT,186.1,T*21

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PORT 4 04-06-2014 07:41:03

\$GPGLL,3452.0588,N,07439.0195,W,074012,A*39
\$GPRMC,074012,A,3452.0588,N,07439.0195,W,4.9,180.6,060414,11.9,W*4B

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\$HEHDT,185.5,T*26
\$GPVTG,180.6,T,192.5,M,4.9,N,9.1,K*4B
\$GPZDA,074012,06,04,2014,00,00*4D
\$GPGBS,074012,,,,,,,,*41
\$GPGGA,074013,3452.0575,N,07439.0197,W,2,7,0.4,14,M,,M,,*55
\$HEHDT,185.7,T*24

PORT 4 04-06-2014 07:41:04
\$GPGLL,3452.0575,N,07439.0197,W,074013,A*38
\$GPRMC,074013,A,3452.0575,N,07439.0197,W,4.9,180.3,060414,11.9,W*4F
\$GPVTG,180.3,T,192.2,M,4.9,N,9.1,K*49
\$GPZDA,074013,06,04,2014,00,00*4C
\$HEHDT,185.2,T*21
\$GPGBS,074013,,,,,,,,*40
\$GPGGA,074014,3452.0562,N,07439.0195,W,2,8,0.3,14,M,,M,,*5E

PORT 4 04-06-2014 07:41:05
\$HEHDT,185.1,T*22
\$GPGLL,3452.0562,N,07439.0195,W,074014,A*3B
\$GPRMC,074014,A,3452.0562,N,07439.0195,W,4.9,180.1,060414,11.9,W*4E
\$GPVTG,180.1,T,192.0,M,4.9,N,9.1,K*49
\$GPZDA,074014,06,04,2014,00,00*4B
\$GPGBS,074014,,,,,,,,*47
\$HEHDT,185.1,T*22
\$GPGGA,074015,3452.0547,N,07439.0195,W,2,8,0.3,14,M,,M,,*58

PORT 4 04-06-2014 07:41:06
\$HEHDT,185.2,T*21
\$GPGLL,3452.0547,N,07439.0195,W,074015,A*3D
\$GPRMC,074015,A,3452.0547,N,07439.0195,W,4.9,180.0,060414,11.9,W*49
\$GPVTG,180.0,T,191.9,M,4.9,N,9.1,K*42
\$GPZDA,074015,06,04,2014,00,00*4A
\$GPGBS,074015,,,,,,,,*46
\$GPGGA,074016,3452.0534,N,07439.0197,W,2,8,0.3,14,M,,M,,*5D
\$HEHDT,184.8,T*2A

PORT 4 04-06-2014 07:41:07
\$GPGLL,3452.0534,N,07439.0197,W,074016,A*38
\$HEHDT,184.7,T*25
\$GPRMC,074016,A,3452.0534,N,07439.0197,W,4.9,180.0,060414,11.9,W*4C
\$GPVTG,180.0,T,191.9,M,4.9,N,9.1,K*42
\$GPZDA,074016,06,04,2014,00,00*49
\$GPGBS,074016,,,,,,,,*45
\$GPGGA,074017,3452.0518,N,07439.0197,W,2,8,0.3,14,M,,M,,*52
\$HEHDT,185.0,T*23

PORT 4 04-06-2014 07:41:08
\$GPGLL,3452.0518,N,07439.0197,W,074017,A*37
\$GPRMC,074017,A,3452.0518,N,07439.0197,W,4.8,180.5,060414,11.9,W*47
\$HEHDT,185.6,T*25
\$GPVTG,180.5,T,192.4,M,4.8,N,8.9,K*41
\$GPZDA,074017,06,04,2014,00,00*48
\$GPGBS,074017,,,,,,,,*44
\$GPGGA,074018,3452.0504,N,07439.0201,W,2,7,0.4,14,M,,M,,*54
\$HEHDT,185.1,T*22

PORT 4 04-06-2014 07:41:09
\$GPGLL,3452.0504,N,07439.0201,W,074018,A*39
\$GPRMC,074018,A,3452.0504,N,07439.0201,W,4.9,181.6,060414,11.9,W*4A
\$HEHDT,185.6,T*25
\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
\$GPZDA,074018,06,04,2014,00,00*47
\$GPGBS,074018,,,,,,,,*4B

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\$GPGGA,074019,3452.0493,N,07439.0202,W,2,7,0.3,14,M,,M,,*5E
\$HEHDT,185.9,T*2A

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PORT 4 04-06-2014 07:41:10

\$GPGLL,3452.0493,N,07439.0202,W,074019,A*34
\$GPRMC,074019,A,3452.0493,N,07439.0202,W,5.0,182.3,060414,11.9,W*49
\$GPVTG,182.3,T,194.2,M,5.0,N,9.3,K*47
\$GPZDA,074019,06,04,2014,00,00*46
\$HEHDT,185.2,T*21

\$GPGBS,074019,000.0,000.0,000.0,17,0.05,0016.8,012.5*40
\$GPGGA,074020,3452.0479,N,07439.0200,W,2,8,0.3,14,M,,M,,*5D
\$HEHDT,185.6,T*25

\$GPGLL,3452.0479,N,07439.0200,W,074020,A*38
\$GPRMC,074020,A,3452.0479,N,07439.0200,W,5.0,182.2,060414,11.9,W*44
\$GPVTG,182.2,T,194.1,M,5.0,N,9.3,K*45
\$GPZDA,074020,06,04,2014,00,00*4C

\$GPGBS,074020,,,,,,*40
\$GPGGA,074021,3452.0464,N,07439.0198,W,2,8,0.4,13,M,,M,,*52
\$HEHDT,185.5,T*26

PORT 12000 04-06-2014 07:41:10

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:41:11

\$GPGLL,3452.0464,N,07439.0198,W,074021,A*37
\$HEHDT,185.7,T*24
\$GPRMC,074021,A,3452.0464,N,07439.0198,W,4.9,181.5,060414,11.9,W*47
\$GPVTG,181.5,T,193.4,M,4.9,N,9.1,K*49
\$GPZDA,074021,06,04,2014,00,00*4D

\$GPGBS,074021,,,,,,*41
\$GPGGA,074022,3452.0453,N,07439.0198,W,2,7,0.4,13,M,,M,,*5A
\$HEHDT,185.6,T*25

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PORT 4 04-06-2014 07:41:12

\$GPGLL,3452.0453,N,07439.0198,W,074022,A*30
\$GPRMC,074022,A,3452.0453,N,07439.0198,W,4.9,180.5,060414,11.9,W*41
\$HEHDT,185.7,T*24
\$GPVTG,180.5,T,192.4,M,4.9,N,9.1,K*49
\$GPZDA,074022,06,04,2014,00,00*4E

\$GPGBS,074022,,,,,,*42
\$GPGGA,074023,3452.0439,N,07439.0200,W,2,7,0.3,13,M,,M,,*52

#

PORT 4 04-06-2014 07:41:13

\$HEHDT,185.8,T*2B
\$GPGLL,3452.0439,N,07439.0200,W,074023,A*3F
\$GPRMC,074023,A,3452.0439,N,07439.0200,W,4.9,180.0,060414,11.9,W*4B
\$GPVTG,180.0,T,191.9,M,4.9,N,9.1,K*42
\$HEHDT,185.2,T*21
\$GPZDA,074023,06,04,2014,00,00*4F

\$GPGBS,074023,,,,,,*43
\$GPGGA,074024,3452.0424,N,07439.0199,W,2,7,0.4,13,M,,M,,*5D

#

PORT 4 04-06-2014 07:41:14

\$HEHDT,185.4,T*27
\$GPGLL,3452.0424,N,07439.0199,W,074024,A*37
\$GPRMC,074024,A,3452.0424,N,07439.0199,W,4.9,180.4,060414,11.9,W*47
\$GPVTG,180.4,T,192.3,M,4.9,N,9.1,K*4F
\$GPZDA,074024,06,04,2014,00,00*48

\$GPGBS,074024,,,,,,*44
\$HEHDT,185.1,T*22
\$GPGGA,074025,3452.0410,N,07439.0200,W,2,7,0.4,13,M,,M,,*58

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PORT 4 04-06-2014 07:41:15

\$HEHDT,185.1,T*22

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\$GPGLL,3452.0410,N,07439.0200,W,074025,A*32
\$GPRMC,074025,A,3452.0410,N,07439.0200,W,4.9,180.8,060414,11.9,W*4E
\$GPVTG,180.8,T,192.7,M,4.9,N,9.1,K*47
\$GPZDA,074025,06,04,2014,00,00*49
\$GPGBS,074025,,,,,,,,*45
\$GPGGA,074026,3452.0396,N,07439.0199,W,2,7,0.4,13,M,,M,,*51
\$HEHDT,185.5,T*26

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PORT 4 04-06-2014 07:41:16

\$HEHDT,185.5,T*26
\$GPGLL,3452.0396,N,07439.0199,W,074026,A*3B
\$GPRMC,074026,A,3452.0396,N,07439.0199,W,4.9,180.8,060414,11.9,W*47
\$GPVTG,180.8,T,192.7,M,4.9,N,9.1,K*47
\$GPZDA,074026,06,04,2014,00,00*4A
\$GPGBS,074026,,,,,,,,*46
\$HEHDT,185.6,T*25
\$GPGGA,074027,3452.0385,N,07439.0202,W,2,7,0.4,13,M,,M,,*53

#

PORT 4 04-06-2014 07:41:17

\$GPGLL,3452.0385,N,07439.0202,W,074027,A*39
\$HEHDT,185.9,T*2A
\$GPRMC,074027,A,3452.0385,N,07439.0202,W,4.8,180.8,060414,11.9,W*44
\$GPVTG,180.8,T,192.7,M,4.8,N,8.9,K*4F
\$GPZDA,074027,06,04,2014,00,00*4B
\$GPGBS,074027,000.0,000.0,000.0,17,0.05,0017.3,012.5*47
\$GPGGA,074028,3452.0374,N,07439.0205,W,2,8,0.3,13,M,,M,,*5D
\$HEHDT,185.1,T*22

#

PORT 4 04-06-2014 07:41:19

\$GPGLL,3452.0374,N,07439.0205,W,074028,A*3F
\$GPRMC,074028,A,3452.0374,N,07439.0205,W,4.9,181.3,060414,11.9,W*49
\$HEHDT,185.2,T*21
\$GPVTG,181.3,T,193.2,M,4.9,N,9.1,K*49
\$GPZDA,074028,06,04,2014,00,00*44
\$GPGBS,074028,000.0,000.0,000.0,17,0.05,0016.9,012.5*43
\$GPGGA,074029,3452.0361,N,07439.0206,W,2,8,0.3,13,M,,M,,*5B
\$HEHDT,185.1,T*22

#

PORT 4 04-06-2014 07:41:20

\$GPGLL,3452.0361,N,07439.0206,W,074029,A*39
\$GPRMC,074029,A,3452.0361,N,07439.0206,W,5.0,181.8,060414,11.9,W*4C
\$GPVTG,181.8,T,193.7,M,5.0,N,9.3,K*4D
\$GPZDA,074029,06,04,2014,00,00*45
\$HEHDT,184.9,T*2B
\$GPGBS,074029,000.0,000.0,000.0,17,0.05,0016.3,012.5*48
\$GPGGA,074030,3452.0345,N,07439.0206,W,2,8,0.3,13,M,,M,,*55
\$HEHDT,185.0,T*23

PORT 12000 04-06-2014 07:41:20

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:41:21

\$GPGLL,3452.0345,N,07439.0206,W,074030,A*37
\$GPRMC,074030,A,3452.0345,N,07439.0206,W,5.0,181.7,060414,11.9,W*4D
\$GPVTG,181.7,T,193.6,M,5.0,N,9.3,K*43
\$GPZDA,074030,06,04,2014,00,00*4D
\$GPGBS,074030,,,,,,,,*41
\$GPGGA,074031,3452.0331,N,07439.0205,W,2,8,0.4,13,M,,M,,*53
\$HEHDT,184.7,T*25

#

PORT 4 04-06-2014 07:41:22

\$GPGLL,3452.0331,N,07439.0205,W,074031,A*36
\$HEHDT,184.8,T*2A
\$GPRMC,074031,A,3452.0331,N,07439.0205,W,5.0,181.6,060414,11.9,W*4D

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\$GPVTG,181.6,T,193.5,M,5.0,N,9.3,K*41
 \$GPZDA,074031,06,04,2014,00,00*4C
 \$GPGBS,074031,,,,,,,,*40
 \$GPGGA,074032,3452.0316,N,07439.0203,W,2,7,0.4,13,M,,M,,*5C
 \$HEHDT,184.7,T*25
 \$GPGLL,3452.0316,N,07439.0203,W,074032,A*36
 \$GPRMC,074032,A,3452.0316,N,07439.0203,W,5.0,181.4,060414,11.9,W*4F
 \$HEHDT,185.4,T*27
 \$GPVTG,181.4,T,193.3,M,5.0,N,9.3,K*45
 \$GPZDA,074032,06,04,2014,00,00*4F
 \$GPGBS,074032,,,,,,,,*43
 \$GPGGA,074033,3452.0300,N,07439.0201,W,2,7,0.4,12,M,,M,,*59
 \$HEHDT,185.5,T*26
 #
 PORT 4 04-06-2014 07:41:24
 \$GPGLL,3452.0300,N,07439.0201,W,074033,A*32
 \$GPRMC,074033,A,3452.0300,N,07439.0201,W,5.0,180.7,060414,11.9,W*49
 \$GPVTG,180.7,T,192.6,M,5.0,N,9.3,K*43
 \$HEHDT,185.5,T*26
 \$GPZDA,074033,06,04,2014,00,00*4E
 \$GPGBS,074033,,,,,,,,*42
 \$GPGGA,074034,3452.0286,N,07439.0200,W,2,7,0.4,12,M,,M,,*50
 \$HEHDT,185.6,T*25
 #
 PORT 4 04-06-2014 07:41:25
 \$GPGLL,3452.0286,N,07439.0200,W,074034,A*3B
 \$GPRMC,074034,A,3452.0286,N,07439.0200,W,5.0,179.9,060414,11.9,W*48
 \$GPVTG,179.9,T,191.8,M,5.0,N,9.3,K*46
 \$GPZDA,074034,06,04,2014,00,00*49
 \$HEHDT,185.7,T*24
 \$GPGBS,074034,,,,,,,,*45
 \$GPGGA,074035,3452.0271,N,07439.0198,W,2,7,0.4,12,M,,M,,*5B
 \$HEHDT,185.6,T*25
 #
 PORT 4 04-06-2014 07:41:26
 \$GPGLL,3452.0271,N,07439.0198,W,074035,A*30
 \$GPRMC,074035,A,3452.0271,N,07439.0198,W,4.9,179.2,060414,11.9,W*40
 \$GPVTG,179.2,T,191.1,M,4.9,N,9.1,K*4E
 \$GPZDA,074035,06,04,2014,00,00*48
 \$HEHDT,185.4,T*27
 \$GPGBS,074035,,,,,,,,*44
 \$GPGGA,074036,3452.0255,N,07439.0198,W,2,7,0.4,12,M,,M,,*5E
 #
 PORT 4 04-06-2014 07:41:27
 \$HEHDT,185.5,T*26
 \$GPGLL,3452.0255,N,07439.0198,W,074036,A*35
 \$GPRMC,074036,A,3452.0255,N,07439.0198,W,4.9,178.8,060414,11.9,W*4E
 \$GPVTG,178.8,T,190.7,M,4.9,N,9.1,K*42
 \$GPZDA,074036,06,04,2014,00,00*4B
 \$GPGBS,074036,,,,,,,,*47
 \$GPGGA,074037,3452.0242,N,07439.0201,W,2,7,0.4,12,M,,M,,*5A
 \$HEHDT,185.2,T*21
 #
 PORT 4 04-06-2014 07:41:28
 \$GPGLL,3452.0242,N,07439.0201,W,074037,A*31
 \$GPRMC,074037,A,3452.0242,N,07439.0201,W,5.0,179.2,060414,11.9,W*49
 \$HEHDT,185.4,T*27
 \$GPVTG,179.2,T,191.1,M,5.0,N,9.3,K*44
 \$GPZDA,074037,06,04,2014,00,00*4A
 \$GPGBS,074037,,,,,,,,*46
 \$GPGGA,074038,3452.0229,N,07439.0204,W,2,8,0.3,12,M,,M,,*55
 \$HEHDT,184.4,T*26
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PORT 4 04-06-2014 07:41:29

\$GPGLL,3452.0229,N,07439.0204,W,074038,A*36
\$GPRMC,074038,A,3452.0229,N,07439.0204,W,5.0,180.1,060414,11.9,W*4B
\$HEHDT,184.7,T*25
\$GPVTG,180.1,T,192.0,M,5.0,N,9.3,K*43
\$GPZDA,074038,06,04,2014,00,00*45
\$GPGBS,074038,,,,,,,,*49
\$GPGGA,074039,3452.0215,N,07439.0205,W,2,8,0.3,12,M,,M,,*5A
\$HEHDT,184.8,T*2A

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PORT 4 04-06-2014 07:41:30

\$GPGLL,3452.0215,N,07439.0205,W,074039,A*39
\$GPRMC,074039,A,3452.0215,N,07439.0205,W,5.0,181.6,060414,11.9,W*42
\$HEHDT,184.1,T*23
\$GPVTG,181.6,T,193.5,M,5.0,N,9.3,K*41
\$GPZDA,074039,06,04,2014,00,00*44
\$GPGBS,074039,,,,,,,,*48
\$GPGGA,074040,3452.0202,N,07439.0208,W,2,7,0.4,12,M,,M,,*57
\$HEHDT,184.8,T*2A

PORT 12000 04-06-2014 07:41:30

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:41:31

\$GPGLL,3452.0202,N,07439.0208,W,074040,A*3C
\$GPRMC,074040,A,3452.0202,N,07439.0208,W,5.0,182.7,060414,11.9,W*45
\$GPVTG,182.7,T,194.6,M,5.0,N,9.3,K*47
\$HEHDT,184.9,T*2B
\$GPZDA,074040,06,04,2014,00,00*4A
\$GPGBS,074040,000.0,000.0,000.0,17,0.05,0013.5,012.5*44
\$GPGGA,074041,3452.0191,N,07439.0208,W,2,7,0.3,12,M,,M,,*58
\$HEHDT,185.5,T*26

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PORT 5 04-06-2014 07:41:32

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PORT 4 04-06-2014 07:41:32

\$GPGLL,3452.0202,N,07439.0208,W,074040,A*3C
\$GPRMC,074040,A,3452.0202,N,07439.0208,W,5.0,182.7,060414,11.9,W*45
\$GPVTG,182.7,T,194.6,M,5.0,N,9.3,K*47
\$HEHDT,184.9,T*2B
\$GPZDA,074040,06,04,2014,00,00*4A
\$GPGBS,074040,000.0,000.0,000.0,17,0.05,0013.5,012.5*44
\$GPGGA,074041,3452.0191,N,07439.0208,W,2,7,0.3,12,M,,M,,*58
\$HEHDT,185.5,T*26
\$GPGLL,3452.0191,N,07439.0208,W,074041,A*34
\$GPRMC,074041,A,3452.0191,N,07439.0208,W,5.0,182.9,060414,11.9,W*43
\$GPVTG,182.9,T,194.8,M,5.0,N,9.3,K*47
\$GPZDA,074041,06,04,2014,00,00*4B
\$GPGBS,074041,,,,,,,,*47
\$HEHDT,185.6,T*25
\$GPGGA,074042,3452.0176,N,07439.0206,W,2,8,0.3,12,M,,M,,*53
\$HEHDT,185.7,T*24
\$GPGLL,3452.0176,N,07439.020

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PORT 4 04-06-2014 07:41:33

\$GPGLL,3452.0202,N,07439.0208,W,074040,A*3C
\$GPRMC,074040,A,3452.0202,N,07439.0208,W,5.0,182.7,060414,11.9,W*45
\$GPVTG,182.7,T,194.6,M,5.0,N,9.3,K*47
\$HEHDT,184.9,T*2B
\$GPZDA,074040,06,04,2014,00,00*4A
\$GPGBS,074040,000.0,000.0,000.0,17,0.05,0013.5,012.5*44
\$GPGGA,074041,3452.0191,N,07439.0208,W,2,7,0.3,12,M,,M,,*58
\$HEHDT,185.5,T*26
\$GPGLL,3452.0191,N,07439.0208,W,074041,A*34

S01_C04_survey.Log

\$GPRMC,074041,A,3452.0191,N,07439.0208,W,5.0,182.9,060414,11.9,W*43
\$GPVTG,182.9,T,194.8,M,5.0,N,9.3,K*47
\$GPZDA,074041,06,04,2014,00,00*4B
\$GPGBS,074041,,,,,,,,*47
\$HEHDT,185.6,T*25
\$GPGGA,074042,3452.0176,N,07439.0206,W,2,8,0.3,12,M,,M,,*53
\$HEHDT,185.7,T*24
\$GPGLL,3452.0176,N,07439.0206,W,074042,A*30
\$GPRMC,074042,A,3452.0176,N,07439.0206,W,5.0,182.4,060414,11.9,W*4A
\$GPVTG,182.4,T,194.3,M,5.0,N,9.3,K*41
\$GPZDA,074042,06,04,2014,00,00*48
\$GPGBS,074042,,,,,,,,*44
\$HEHDT,185.7,T*24
\$GPGGA,074043,3452.0172,N,07439.0209,W,2,8,0.4,11,M,,M,,*5D
\$GPGLL,3452.0172,N,07439.0209,W,074043,A*3A
\$HEHDT,186.1,T*21
\$GPRMC,074043,A,3452.0172,N,07439.0209,W,4.9,181.0,060414,11.9,W*4F
\$GPVTG,181.0,T,192.9,M,4.9,N,9.1,K*40
\$GPZDA,074043,06,04,2014,00,00*49
\$GPGBS,074043,000.0,000.0,000.0,17,0.05,0050.3,012.5*46
\$GPGGA,074044,3452.0161,N,07439.0209,W,2,7,0.5,11,M,,M,,*56
\$HEHDT,185.5,T*26

PORT 4 04-06-2014 07:41:35
\$GPGLL,3452.0161,N,07439.0209,W,074044,A*3F
\$HEHDT,185.8,T*2B
\$GPRMC,074044,A,3452.0161,N,07439.0209,W,5.0,179.2,060414,11.9,W*47
\$GPVTG,179.2,T,191.1,M,5.0,N,9.3,K*44
\$GPZDA,074044,06,04,2014,00,00*4E
\$GPGBS,074044,000.0,000.0,000.0,17,0.05,0022.9,012.5*4E
\$GPGGA,074045,3452.0148,N,07439.0211,W,2,7,0.4,12,M,,M,,*57
\$HEHDT,185.8,T*2B

PORT 5 04-06-2014 07:41:36
04480 ms
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PORT 4 04-06-2014 07:41:36
\$GPGLL,3452.0148,N,07439.0211,W,074045,A*3C
\$GPRMC,074045,A,3452.0148,N,07439.0211,W,4.9,178.3,060414,11.9,W*4C
\$HEHDT,185.8,T*2B
\$GPVTG,178.3,T,190.2,M,4.9,N,9.1,K*4C
\$GPZDA,074045,06,04,2014,00,00*4F
\$GPGBS,074045,000.0,000.0,000.0,17,0.05,0023.4,012.5*43
\$GPGGA,074046,3452.0136,N,07439.0212,W,2,7,0.4,12,M,,M,,*5E
\$HEHDT,186.0,T*20

PORT 4 04-06-2014 07:41:37
\$GPGLL,3452.0136,N,07439.0212,W,074046,A*35
\$GPRMC,074046,A,3452.0136,N,07439.0212,W,4.9,178.3,060414,11.9,W*45
\$GPVTG,178.3,T,190.2,M,4.9,N,9.1,K*4C
\$HEHDT,185.8,T*2B
\$GPZDA,074046,06,04,2014,00,00*4C
\$GPGBS,074046,000.0,000.0,000.0,17,0.05,0020.2,012.5*45
\$GPGGA,074047,3452.0122,N,07439.0215,W,2,7,0.3,12,M,,M,,*5A
\$HEHDT,185.8,T*2B
\$GPGLL,3452.0122,N,07439.0215,W,074047,A*36
\$GPRMC,074047,A,3452.0122,N,07439.0215,W,5.0,180.4,060414,11.9,W*4E
\$GPVTG,180.4,T,192.3,M,5.0,N,9.3,K*45
\$GPZDA,074047,06,04,2014,00,00*4D
\$GPGBS,074047,000.0,000.0,000.0,17,0.05,0017.1,012.5*43
\$HEHDT,186.0,T*20
\$GPGGA,074048,3452.0104,N,07439.0215,W,2,8,0.3,12,M,,M,,*5E
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PORT 4 04-06-2014 07:41:38

\$GPGLL,3452.0104,N,07439.0215,W,074048,A*3D
\$HEHDT,185.7,T*24
\$GPRMC,074048,A,3452.0104,N,07439.0215,W,5.0,180.4,060414,11.9,W*45
\$GPVTG,180.4,T,192.3,M,5.0,N,9.3,K*45
\$GPZDA,074048,06,04,2014,00,00*42
\$GPGBS,074048,,,,,,,,*4E
\$GPGGA,074049,3452.0087,N,07439.0215,W,2,8,0.4,12,M,,M,,*52
\$HEHDT,186.0,T*20

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PORT 4 04-06-2014 07:41:39

\$GPGLL,3452.0087,N,07439.0215,W,074049,A*36
\$GPRMC,074049,A,3452.0087,N,07439.0215,W,5.0,181.6,060414,11.9,W*4D
\$HEHDT,185.4,T*27
\$GPVTG,181.6,T,193.5,M,5.0,N,9.3,K*41
\$GPZDA,074049,06,04,2014,00,00*43
\$GPGBS,074049,,,,,,,,*4F
\$GPGGA,074050,3452.0070,N,07439.0215,W,2,7,0.4,12,M,,M,,*5D
\$HEHDT,185.7,T*24

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PORT 4 04-06-2014 07:41:40

\$GPGLL,3452.0070,N,07439.0215,W,074050,A*36
\$GPRMC,074050,A,3452.0070,N,07439.0215,W,5.0,182.4,060414,11.9,W*4C
\$GPVTG,182.4,T,194.3,M,5.0,N,9.3,K*41
\$HEHDT,186.0,T*20
\$GPZDA,074050,06,04,2014,00,00*4B
\$GPGBS,074050,,,,,,,,*47
\$GPGGA,074051,3452.0053,N,07439.0214,W,2,7,0.4,12,M,,M,,*5C

PORT 12000 04-06-2014 07:41:40

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:41:42

\$HEHDT,185.0,T*23
\$GPGLL,3452.0053,N,07439.0214,W,074051,A*37
\$GPRMC,074051,A,3452.0053,N,07439.0214,W,5.0,182.5,060414,11.9,W*4C
\$HEHDT,185.2,T*21
\$GPVTG,182.5,T,194.4,M,5.0,N,9.3,K*47
\$GPZDA,074051,06,04,2014,00,00*4A
\$GPGBS,074051,,,,,,,,*46
\$GPGGA,074052,3452.0042,N,07439.0215,W,2,7,0.3,12,M,,M,,*59
\$HEHDT,185.2,T*21
\$GPGLL,3452.0042,N,07439.0215,W,074052,A*35
\$GPRMC,074052,A,3452.0042,N,07439.0215,W,5.0,182.0,060414,11.9,W*4B
\$GPVTG,182.0,T,193.9,M,5.0,N,9.3,K*48
\$GPZDA,074052,06,04,2014,00,00*49
\$GPGBS,074052,000.0,000.0,000.0,17,0.05,0017.9,012.5*4F
\$HEHDT,185.5,T*26
\$GPGGA,074053,3452.0027,N,07439.0212,W,2,7,0.3,12,M,,M,,*5C

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PORT 4 04-06-2014 07:41:44

\$HEHDT,186.0,T*20
\$GPGLL,3452.0027,N,07439.0212,W,074053,A*30
\$GPRMC,074053,A,3452.0027,N,07439.0212,W,5.0,182.0,060414,11.9,W*4E
\$GPVTG,182.0,T,193.9,M,5.0,N,9.3,K*48
\$GPZDA,074053,06,04,2014,00,00*48
\$GPGBS,074053,,,,,,,,*44
\$HEHDT,185.6,T*25
\$GPGGA,074054,3452.0014,N,07439.0211,W,2,8,0.3,13,M,,M,,*56

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PORT 4 04-06-2014 07:41:45

\$GPGLL,3452.0014,N,07439.0211,W,074054,A*34
\$GPRMC,074054,A,3452.0014,N,07439.0211,W,5.0,179.9,060414,11.9,W*47
\$HEHDT,186.1,T*21

S01_C04_survey.Log

\$GPVTG,179.9,T,191.8,M,5.0,N,9.3,K*46
\$GPZDA,074054,06,04,2014,00,00*4F
\$GPGBS,074054,000.0,000.0,000.0,17,0.05,0016.7,012.5*46
\$GPGGA,074055,3451.9997,N,07439.0208,W,2,8,0.3,13,M,,M,,*57
\$HEHDT,186.5,T*25

PORT 4 04-06-2014 07:41:46
\$GPGLL,3451.9997,N,07439.0208,W,074055,A*35
\$GPRMC,074055,A,3451.9997,N,07439.0208,W,5.0,179.9,060414,11.9,W*46
\$HEHDT,186.1,T*21
\$GPVTG,179.9,T,191.8,M,5.0,N,9.3,K*46
\$GPZDA,074055,06,04,2014,00,00*4E
\$GPGBS,074055,,,,,,,,*42
\$GPGGA,074056,3451.9981,N,07439.0206,W,2,7,0.4,13,M,,M,,*55
\$HEHDT,185.9,T*2A

PORT 4 04-06-2014 07:41:47
\$GPGLL,3451.9981,N,07439.0206,W,074056,A*3F
\$GPRMC,074056,A,3451.9981,N,07439.0206,W,5.0,179.4,060414,11.9,W*41
\$GPVTG,179.4,T,191.3,M,5.0,N,9.3,K*40
\$GPZDA,074056,06,04,2014,00,00*4D
\$HEHDT,185.7,T*24
\$GPGBS,074056,,,,,,,,*41
\$GPGGA,074057,3451.9966,N,07439.0205,W,2,7,0.4,13,M,,M,,*5E
\$HEHDT,185.6,T*25
\$GPGLL,3451.9966,N,07439.0205,W,074057,A*34
\$GPRMC,074057,A,3451.9966,N,07439.0205,W,5.0,179.4,060414,11.9,W*4A
\$GPVTG,179.4,T,191.3,M,5.0,N,9.3,K*40
\$GPZDA,074057,06,04,2014,00,00*4C
\$GPGBS,074057,,,,,,,,*40
\$GPGGA,074058,3451.9951,N,07439.0206,W,2,7,0.4,13,M,,M,,*56
\$HEHDT,185.8,T*2B

PORT 4 04-06-2014 07:41:49
\$HEHDT,184.9,T*2B
\$GPGLL,3451.9951,N,07439.0206,W,074058,A*3C
\$GPRMC,074058,A,3451.9951,N,07439.0206,W,4.9,179.5,060414,11.9,W*4B
\$GPVTG,179.5,T,191.4,M,4.9,N,9.1,K*4C
\$GPZDA,074058,06,04,2014,00,00*43
\$GPGBS,074058,,,,,,,,*4F
\$HEHDT,185.2,T*21
\$GPGGA,074059,3451.9939,N,07439.0209,W,2,7,0.3,13,M,,M,,*51

PORT 4 04-06-2014 07:41:50
\$GPGLL,3451.9939,N,07439.0209,W,074059,A*3C
\$GPRMC,074059,A,3451.9939,N,07439.0209,W,5.0,180.9,060414,11.9,W*49
\$HEHDT,185.6,T*25
\$GPVTG,180.9,T,192.8,M,5.0,N,9.3,K*43
\$GPZDA,074059,06,04,2014,00,00*42
\$GPGBS,074059,000.0,000.0,000.0,17,0.05,0023.6,012.5*4C
\$GPGGA,074100,3451.9923,N,07439.0211,W,2,8,0.3,13,M,,M,,*51
\$HEHDT,185.4,T*27
PORT 12000 04-06-2014 07:41:50
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:41:51
\$GPGLL,3451.9923,N,07439.0211,W,074100,A*33
\$GPRMC,074100,A,3451.9923,N,07439.0211,W,5.0,180.9,060414,11.9,W*46
\$HEHDT,185.7,T*24
\$GPVTG,180.9,T,192.8,M,5.0,N,9.3,K*43
\$GPZDA,074100,06,04,2014,00,00*4F
\$GPGBS,074100,,,,,,,,*43
\$GPGGA,074101,3451.9906,N,07439.0211,W,2,8,0.4,13,M,,M,,*50

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\$HEHDT,185.2,T*21

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PORT 4 04-06-2014 07:41:52

\$GPGLL,3451.9906,N,07439.0211,W,074101,A*35

\$GPRMC,074101,A,3451.9906,N,07439.0211,W,5.0,181.8,060414,11.9,W*40

\$GPVTG,181.8,T,193.7,M,5.0,N,9.3,K*4D

\$GPZDA,074101,06,04,2014,00,00*4E

\$HEHDT,185.2,T*21

\$GPGBS,074101,,,,,,,,*42

\$GPGGA,074102,3451.9888,N,07439.0210,W,2,7,0.4,13,M,,M,,*5A

\$HEHDT,185.9,T*2A

\$GPGLL,3451.9888,N,07439.0210,W,074102,A*30

\$GPRMC,074102,A,3451.9888,N,07439.0210,W,5.1,182.4,060414,11.9,W*4B

\$GPVTG,182.4,T,194.3,M,5.1,N,9.4,K*47

\$GPZDA,074102,06,04,2014,00,00*4D

\$GPGBS,074102,,,,,,,,*41

\$GPGGA,074103,3451.9872,N,07439.0209,W,2,7,0.6,13,M,,M,,*54

\$HEHDT,185.1,T*22

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PORT 4 04-06-2014 07:41:53

\$HEHDT,185.6,T*25

\$GPGLL,3451.9872,N,07439.0209,W,074103,A*3C

\$GPRMC,074103,A,3451.9872,N,07439.0209,W,5.1,182.4,060414,11.9,W*47

\$GPVTG,182.4,T,194.3,M,5.1,N,9.4,K*47

\$GPZDA,074103,06,04,2014,00,00*4C

\$GPGBS,074103,,,,,,,,*40

\$GPGGA,074104,3451.9858,N,07439.0207,W,2,6,0.5,13,M,,M,,*57

\$HEHDT,185.7,T*24

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PORT 4 04-06-2014 07:41:54

\$GPGLL,3451.9858,N,07439.0207,W,074104,A*3D

\$GPRMC,074104,A,3451.9858,N,07439.0207,W,5.1,182.0,060414,11.9,W*42

\$HEHDT,186.4,T*24

\$GPVTG,182.0,T,193.9,M,5.1,N,9.4,K*4E

\$GPZDA,074104,06,04,2014,00,00*4B

\$GPGBS,074104,,,,,,,,*47

\$GPGGA,074105,3451.9843,N,07439.0203,W,2,6,0.5,13,M,,M,,*58

\$HEHDT,186.8,T*28

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PORT 4 04-06-2014 07:41:56

\$GPGLL,3451.9843,N,07439.0203,W,074105,A*32

\$GPRMC,074105,A,3451.9843,N,07439.0203,W,5.0,180.8,060414,11.9,W*46

\$HEHDT,187.0,T*21

\$GPVTG,180.8,T,192.7,M,5.0,N,9.3,K*4D

\$GPZDA,074105,06,04,2014,00,00*4A

\$GPGBS,074105,,,,,,,,*46

\$GPGGA,074106,3451.9827,N,07439.0201,W,2,7,0.4,13,M,,M,,*5B

\$HEHDT,186.9,T*29

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PORT 4 04-06-2014 07:41:57

\$GPGLL,3451.9827,N,07439.0201,W,074106,A*31

\$GPRMC,074106,A,3451.9827,N,07439.0201,W,5.0,179.0,060414,11.9,W*4B

\$HEHDT,186.6,T*26

\$GPVTG,179.0,T,190.9,M,5.0,N,9.3,K*4F

\$GPZDA,074106,06,04,2014,00,00*49

\$GPGBS,074106,,,,,,,,*45

\$GPGGA,074107,3451.9818,N,07439.0204,W,2,7,0.3,13,M,,M,,*54

\$HEHDT,186.1,T*21

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PORT 4 04-06-2014 07:41:58

\$GPGLL,3451.9818,N,07439.0204,W,074107,A*39

\$GPRMC,074107,A,3451.9818,N,07439.0204,W,5.0,179.2,060414,11.9,W*41

\$GPVTG,179.2,T,191.1,M,5.0,N,9.3,K*44

S01_C04_survey.Log

\$HEHDT,185.8,T*2B
\$GPZDA,074107,06,04,2014,00,00*48
\$GPGBS,074107,000.0,000.0,000.0,17,0.05,0024.7,012.5*40
\$GPGGA,074108,3451.9809,N,07439.0209,W,2,8,0.3,14,M,,M,,*5E

PORT 4 04-06-2014 07:41:59
\$HEHDT,186.0,T*20
\$GPGLL,3451.9809,N,07439.0209,W,074108,A*3B
\$GPRMC,074108,A,3451.9809,N,07439.0209,W,5.0,180.8,060414,11.9,W*4F
\$GPVTG,180.8,T,192.7,M,5.0,N,9.3,K*4D
\$GPZDA,074108,06,04,2014,00,00*47
\$GPGBS,074108,000.0,000.0,000.0,17,0.05,0023.5,012.5*4A
\$GPGGA,074109,3451.9794,N,07439.0211,W,2,8,0.3,14,M,,M,,*5D
\$HEHDT,185.5,T*26

PORT 4 04-06-2014 07:42:00
\$GPGLL,3451.9794,N,07439.0211,W,074109,A*38
\$HEHDT,186.0,T*20
\$GPRMC,074109,A,3451.9794,N,07439.0211,W,5.0,180.8,060414,11.9,W*4C
\$GPVTG,180.8,T,192.7,M,5.0,N,9.3,K*4D
\$GPZDA,074109,06,04,2014,00,00*46
\$GPGBS,074109,,,,,,*4A
\$GPGGA,074110,3451.9778,N,07439.0211,W,2,7,0.4,14,M,,M,,*5F
\$HEHDT,186.0,T*20
\$GPGLL,3451.9778,N,07439.0211,W,074110,A*32
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\$HEHDT,186.7,T*27
\$GPVTG,182.1,T,194.0,M,4.9,N,9.1,K*4D
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PORT 4 04-06-2014 07:42:01
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\$GPVTG,182.5,T,194.4,M,4.9,N,9.1,K*4D
\$HEHDT,186.2,T*22
\$GPZDA,074111,06,04,2014,00,00*4F
\$GPGBS,074111,,,,,,*43
\$GPGGA,074112,3451.9744,N,07439.0211,W,2,7,0.4,14,M,,M,,*52

PORT 4 04-06-2014 07:42:02
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\$GPRMC,074112,A,3451.9744,N,07439.0211,W,5.0,182.5,060414,11.9,W*44
\$GPVTG,182.5,T,194.4,M,5.0,N,9.3,K*47
\$GPZDA,074112,06,04,2014,00,00*4C
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\$GPGGA,074113,3451.9729,N,07439.0210,W,2,7,0.4,14,M,,M,,*59

PORT 4 04-06-2014 07:42:04
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\$GPRMC,074113,A,3451.9729,N,07439.0210,W,5.1,182.6,060414,11.9,W*4D
\$GPVTG,182.6,T,194.5,M,5.1,N,9.4,K*43
\$GPZDA,074113,06,04,2014,00,00*4D
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\$GPGBS,074113,,,,,,*41
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$GPVTG,182.5,T,194.4,M,5.0,N,9.3,K*47
$GPZDA,074114,06,04,2014,00,00*4A
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PORT 4 04-06-2014 07:42:06
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$GPRMC,074115,A,3451.9704,N,07439.0207,W,5.0,181.4,060414,11.9,W*42
$HEHDT,187.0,T*21
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PORT 4 04-06-2014 07:42:07
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$GPRMC,074116,A,3451.9688,N,07439.0205,W,5.0,179.9,060414,11.9,W*4C
$GPVTG,179.9,T,191.8,M,5.0,N,9.3,K*46
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$GPRMC,074117,A,3451.9673,N,07439.0205,W,5.0,179.5,060414,11.9,W*45
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$GPZDA,074117,06,04,2014,00,00*49
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$GPGBS,074117,,,,,,,,*45
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$GPRMC,074118,A,3451.9659,N,07439.0206,W,5.0,180.2,060414,11.9,W*40
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PORT 4 04-06-2014 07:42:09
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$GPVTG,181.0,T,192.9,M,4.9,N,9.1,K*40
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PORT 4 04-06-2014 07:42:10
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PORT 4 04-06-2014 07:42:11
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\$GPRMC,074121,A,3451.9616,N,07439.0211,w,4.9,182.6,060414,11.9,w*49
\$HEHDT,186.9,T*29
\$GPVTG,182.6,T,194.5,M,4.9,N,9.1,K*4F
\$GPZDA,074121,06,04,2014,00,00*4C
\$GPGBS,074121,,,,,,,,*40
\$GPGGA,074122,3451.9602,N,07439.0212,w,2,7,0.4,14,M,,M,,*51
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\$GPRMC,074122,A,3451.9602,N,07439.0212,w,5.0,183.2,060414,11.9,w*41
\$HEHDT,187.2,T*23
\$GPVTG,183.2,T,195.1,M,5.0,N,9.3,K*45
\$GPZDA,074122,06,04,2014,00,00*4F
\$GPGBS,074122,,,,,,,,*43
\$GPGGA,074123,3451.9594,N,07439.0215,w,2,7,0.3,14,M,,M,,*5C

PORT 4 04-06-2014 07:42:14
\$HEHDT,186.6,T*26
\$GPGLL,3451.9594,N,07439.0215,w,074123,A*36
\$GPRMC,074123,A,3451.9594,N,07439.0215,w,5.0,183.1,060414,11.9,w*48
\$GPVTG,183.1,T,195.0,M,5.0,N,9.3,K*47
\$HEHDT,187.2,T*23
\$GPZDA,074123,06,04,2014,00,00*4E
\$GPGBS,074123,000.0,000.0,000.0,17,0.05,0027.9,012.5*4B
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PORT 4 04-06-2014 07:42:15
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\$GPGLL,3451.9579,N,07439.0213,w,074124,A*34
\$GPRMC,074124,A,3451.9579,N,07439.0213,w,5.0,181.7,060414,11.9,w*4E
\$GPVTG,181.7,T,193.6,M,5.0,N,9.3,K*43
\$GPZDA,074124,06,04,2014,00,00*49
\$GPGBS,074124,,,,,,,,*45
\$HEHDT,187.6,T*27
\$GPGGA,074125,3451.9566,N,07439.0212,w,2,8,0.3,14,M,,M,,*5F

PORT 4 04-06-2014 07:42:16
\$GPGLL,3451.9566,N,07439.0212,w,074125,A*3A
\$HEHDT,187.5,T*24
\$GPRMC,074125,A,3451.9566,N,07439.0212,w,5.0,180.7,060414,11.9,w*41
\$GPVTG,180.7,T,192.6,M,5.0,N,9.3,K*43
\$GPZDA,074125,06,04,2014,00,00*48
\$GPGBS,074125,,,,,,,,*44
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PORT 4 04-06-2014 07:42:17
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\$GPRMC,074126,A,3451.9556,N,07439.0213,w,5.0,180.7,060414,11.9,w*40
\$HEHDT,187.5,T*24
\$GPVTG,180.7,T,192.6,M,5.0,N,9.3,K*43
\$GPZDA,074126,06,04,2014,00,00*4B
\$GPGBS,074126,000.0,000.0,000.0,17,0.05,0017.3,012.5*47

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PORT 5 04-06-2014 07:42:18
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PORT 4 04-06-2014 07:42:18
\$GPGLL,3451.9541,N,07439.0213,W,074127,A*3C
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\$HEHDT,187.1,T*20
\$GPVTG,180.4,T,192.3,M,4.9,N,9.1,K*4F
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\$GPGBS,074127,,,,,,,,*46
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\$HEHDT,187.2,T*23
\$GPGLL,3451.9529,N,07439.0215,W,074128,A*3B
\$GPRMC,074128,A,3451.9529,N,07439.0215,W,4.9,181.6,060414,11.9,W*48
\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
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\$GPGBS,074128,,,,,,,,*49
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\$HEHDT,187.3,T*22

PORT 4 04-06-2014 07:42:19
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\$GPGLL,3451.9514,N,07439.0218,W,074129,A*39
\$GPRMC,074129,A,3451.9514,N,07439.0218,W,4.9,181.6,060414,11.9,W*4A
\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
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\$GPGBS,074129,,,,,,,,*48
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PORT 4 04-06-2014 07:42:20
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PORT 5 04-06-2014 07:42:21
04549 ms
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PORT 4 04-06-2014 07:42:21
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\$HEHDT,187.3,T*22
\$GPVTG,183.8,T,195.7,M,4.9,N,9.1,K*43
\$GPZDA,074131,06,04,2014,00,00*4D
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\$HEHDT,186.6,T*26

PORT 4 04-06-2014 07:42:23
\$GPGLL,3451.9467,N,07439.0218,W,074132,A*36
\$GPRMC,074132,A,3451.9467,N,07439.0218,W,4.9,183.8,060414,11.9,W*49
\$GPVTG,183.8,T,195.7,M,4.9,N,9.1,K*43
\$HEHDT,186.7,T*27
\$GPZDA,074132,06,04,2014,00,00*4E

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\$GPGBS,074132,,,,,,,,*42
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PORT 4 04-06-2014 07:42:24
\$GPGLL,3451.9450,N,07439.0219,W,074133,A*32
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\$GPVTG,183.2,T,195.1,M,5.0,N,9.3,K*45
\$HEHDT,186.0,T*20
\$GPZDA,074133,06,04,2014,00,00*4F
\$GPGBS,074133,,,,,,,,*43
\$GPGGA,074134,3451.9436,N,07439.0219,W,2,7,0.4,14,M,,M,,*58

PORT 4 04-06-2014 07:42:25
\$HEHDT,186.0,T*20
\$GPGLL,3451.9436,N,07439.0219,W,074134,A*35
\$GPRMC,074134,A,3451.9436,N,07439.0219,W,5.1,183.0,060414,11.9,W*4B
\$GPVTG,183.0,T,194.9,M,5.1,N,9.4,K*48
\$GPZDA,074134,06,04,2014,00,00*48
\$HEHDT,186.5,T*25
\$GPGBS,074134,,,,,,,,*44
\$GPGGA,074135,3451.9421,N,07439.0220,W,2,7,0.4,14,M,,M,,*55

PORT 4 04-06-2014 07:42:26
\$HEHDT,187.4,T*25
\$GPGLL,3451.9421,N,07439.0220,W,074135,A*38
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\$GPVTG,182.9,T,194.8,M,5.0,N,9.3,K*47
\$GPZDA,074135,06,04,2014,00,00*49
\$GPGBS,074135,,,,,,,,*45
\$HEHDT,187.7,T*26
\$GPGGA,074136,3451.9411,N,07439.0222,W,2,7,0.3,14,M,,M,,*50

PORT 4 04-06-2014 07:42:27
\$GPGLL,3451.9411,N,07439.0222,W,074136,A*3A
\$GPRMC,074136,A,3451.9411,N,07439.0222,W,5.0,182.2,060414,11.9,W*46
\$HEHDT,188.0,T*2E
\$GPVTG,182.2,T,194.1,M,5.0,N,9.3,K*45
\$GPZDA,074136,06,04,2014,00,00*4A
\$GPGBS,074136,000.0,000.0,000.0,17,0.05,0015.8,012.5*4F
\$GPGGA,074137,3451.9400,N,07439.0221,W,2,7,0.3,14,M,,M,,*52
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PORT 4 04-06-2014 07:42:28
\$GPGLL,3451.9400,N,07439.0221,W,074137,A*38
\$HEHDT,187.8,T*29
\$GPRMC,074137,A,3451.9400,N,07439.0221,W,5.0,182.2,060414,11.9,W*44
\$GPVTG,182.2,T,194.1,M,5.0,N,9.3,K*45
\$GPZDA,074137,06,04,2014,00,00*4B
\$GPGBS,074137,,,,,,,,*47
\$GPGGA,074138,3451.9388,N,07439.0222,W,2,8,0.3,13,M,,M,,*51
\$HEHDT,187.8,T*29

PORT 4 04-06-2014 07:42:29
\$GPGLL,3451.9388,N,07439.0222,W,074138,A*33
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\$GPVTG,180.9,T,192.8,M,5.0,N,9.3,K*43
\$HEHDT,187.4,T*25
\$GPZDA,074138,06,04,2014,00,00*44
\$GPGBS,074138,000.0,000.0,000.0,17,0.05,0013.6,012.5*49
\$GPGGA,074139,3451.9373,N,07439.0221,W,2,8,0.3,13,M,,M,,*57
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PORT 4 04-06-2014 07:42:30

\$GPGLL,3451.9373,N,07439.0221,W,074139,A*35
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\$GPVTG,180.9,T,192.8,M,5.0,N,9.3,K*43
\$GPZDA,074139,06,04,2014,00,00*45
\$HEHDT,186.6,T*26
\$GPGGBS,074139,,,,,,,,*49
\$GPGGA,074140,3451.9362,N,07439.0226,W,2,7,0.4,13,M,,M,,*56
\$HEHDT,186.6,T*26
\$GPGLL,3451.9362,N,07439.0226,W,074140,A*3C
\$GPRMC,074140,A,3451.9362,N,07439.0226,W,5.0,180.8,060414,11.9,W*48
\$GPVTG,180.8,T,192.7,M,5.0,N,9.3,K*4D
\$GPZDA,074140,06,04,2014,00,00*4B
\$GPGGBS,074140,,,,,,,,*47
\$GPGGA,074141,3451.9348,N,07439.0229,W,2,7,0.3,13,M,,M,,*57
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PORT 12000 04-06-2014 07:42:30

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PORT 4 04-06-2014 07:42:31

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\$GPVTG,181.9,T,193.8,M,4.9,N,9.1,K*49
\$GPZDA,074141,06,04,2014,00,00*4A
\$GPGGBS,074141,,,,,,,,*46
\$GPGGA,074142,3451.9330,N,07439.0230,W,2,7,0.4,13,M,,M,,*54
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PORT 4 04-06-2014 07:42:33

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\$HEHDT,186.8,T*28
\$GPVTG,184.6,T,196.5,M,5.0,N,9.3,K*41
\$GPZDA,074142,06,04,2014,00,00*49
\$GPGGBS,074142,,,,,,,,*45
\$GPGGA,074143,3451.9314,N,07439.0231,W,2,7,0.4,13,M,,M,,*52
\$HEHDT,187.2,T*23

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PORT 4 04-06-2014 07:42:34

\$GPGLL,3451.9314,N,07439.0231,W,074143,A*38
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\$GPVTG,184.4,T,196.3,M,5.1,N,9.4,K*43
\$HEHDT,187.4,T*25
\$GPZDA,074143,06,04,2014,00,00*48
\$GPGGBS,074143,,,,,,,,*44
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\$HEHDT,187.8,T*29
\$GPGLL,3451.9301,N,07439.0230,W,074144,A*3A
\$GPRMC,074144,A,3451.9301,N,07439.0230,W,5.1,184.4,060414,11.9,W*47
\$GPVTG,184.4,T,196.3,M,5.1,N,9.4,K*43
\$GPZDA,074144,06,04,2014,00,00*4F
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PORT 4 04-06-2014 07:42:35

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\$GPGGBS,074145,,,,,,,,*42

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\$HEHDT,187.6,T*27
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PORT 4 04-06-2014 07:42:36
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PORT 4 04-06-2014 07:42:37
\$GPGLL,3451.9263,N,07439.0231,W,074147,A*3D
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\$GPVTG,182.1,T,194.0,M,5.0,N,9.3,K*47
\$GPZDA,074147,06,04,2014,00,00*4C
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\$GPGGA,074148,3451.9254,N,07439.0234,W,2,8,0.4,13,M,,M,,*56
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PORT 4 04-06-2014 07:42:39
\$GPGLL,3451.9254,N,07439.0234,W,074148,A*33
\$GPRMC,074148,A,3451.9254,N,07439.0234,W,4.9,182.0,060414,11.9,W*45
\$GPVTG,182.0,T,193.9,M,4.9,N,9.1,K*42
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PORT 4 04-06-2014 07:42:40
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\$GPVTG,181.3,T,193.2,M,4.8,N,8.9,K*41
\$HEHDT,187.2,T*23
\$GPZDA,074149,06,04,2014,00,00*42
\$GPGBS,074149,,,,,,,,*4E
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PORT 4 04-06-2014 07:42:41
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PORT 4 04-06-2014 07:42:42
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$HEHDT,187.6,T*27
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$GPGBS,074152,,,,,,,,*44
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PORT 4 04-06-2014 07:42:44
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$HEHDT,187.2,T*23
$GPVTG,184.2,T,196.1,M,4.9,N,9.1,K*4B
$GPZDA,074153,06,04,2014,00,00*49
$GPGBS,074153,,,,,,,,*45
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$HEHDT,186.9,T*29
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PORT 4 04-06-2014 07:42:45
$GPGLL,3451.9190,N,07439.0244,W,074154,A*32
$GPRMC,074154,A,3451.9190,N,07439.0244,W,5.0,185.0,060414,11.9,W*4B
$GPVTG,185.0,T,196.9,M,5.0,N,9.3,K*4A
$HEHDT,187.1,T*20
$GPZDA,074154,06,04,2014,00,00*4E
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PORT 4 04-06-2014 07:42:47
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$GPVTG,183.9,T,195.8,M,4.9,N,9.1,K*4D
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$GPGBS,074155,,,,,,,,*43
$GPGGA,074156,3451.9150,N,07439.0244,W,2,5,0.4,13,M,,M,,*54
$HEHDT,187.7,T*26
$GPGLL,3451.9150,N,07439.0244,W,074156,A*3C
$GPRMC,074156,A,3451.9150,N,07439.0244,W,4.9,182.3,060414,11.9,W*49
$GPVTG,182.3,T,194.2,M,4.9,N,9.1,K*4D
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$GPGBS,074156,,,,,,,,*40
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PORT 4 04-06-2014 07:42:48
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$GPRMC,074157,A,3451.9139,N,07439.0244,W,4.9,181.3,060414,11.9,W*44
$GPVTG,181.3,T,193.2,M,4.9,N,9.1,K*49
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PORT 4 04-06-2014 07:42:49
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$GPRMC,074158,A,3451.9124,N,07439.0242,W,4.9,180.7,060414,11.9,W*44
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$GPVTG,180.7,T,192.6,M,4.9,N,9.1,K*49

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PORT 4 04-06-2014 07:42:50
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\$GPRMC,074159,A,3451.9113,N,07439.0244,w,4.9,180.7,060414,11.9,w*47
\$HEHDT,187.3,T*22
\$GPVTG,180.7,T,192.6,M,4.9,N,9.1,K*49
\$GPZDA,074159,06,04,2014,00,00*43
\$GPGBS,074159,000.0,000.0,000.0,17,0.05,0017.6,012.5*4A
\$GPGGA,074200,3451.9100,N,07439.0247,w,2,8,0.3,13,M,,M,,*58
\$HEHDT,187.5,T*24

PORT 4 04-06-2014 07:42:51
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PORT 4 04-06-2014 07:42:52
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PORT 4 04-06-2014 07:42:53
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\$GPVTG,183.9,T,195.8,M,4.9,N,9.1,K*4D
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\$GPGBS,074202,,,,,,,,*42
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PORT 4 04-06-2014 07:42:54
\$GPGLL,3451.9054,N,07439.0251,w,074203,A*3E
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\$GPVTG,183.9,T,195.8,M,4.9,N,9.1,K*4D
\$GPZDA,074203,06,04,2014,00,00*4F
\$GPGBS,074203,,,,,,,,*43
\$GPGGA,074204,3451.9038,N,07439.0250,w,2,7,0.4,13,M,,M,,*58
\$HEHDT,187.2,T*23

PORT 4 04-06-2014 07:42:55
\$GPGLL,3451.9038,N,07439.0250,w,074204,A*32
\$GPRMC,074204,A,3451.9038,N,07439.0250,w,5.0,183.2,060414,11.9,w*4F
\$GPVTG,183.2,T,195.1,M,5.0,N,9.3,K*45
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\$GPZDA,074204,06,04,2014,00,00*48
\$GPGBS,074204,,,,,,,,*44

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\$GPGGA,074205,3451.9023,N,07439.0249,W,2,7,0.4,13,M,,M,,*5B
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PORT 4 04-06-2014 07:42:56
\$GPGLL,3451.9023,N,07439.0249,W,074205,A*31
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\$HEHDT,188.3,T*2D

PORT 4 04-06-2014 07:42:57
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PORT 4 04-06-2014 07:42:58
\$HEHDT,188.3,T*2D
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\$GPGLL,3451.8978,N,07439.0249,W,074208,A*3A
\$GPRMC,074208,A,3451.8978,N,07439.0249,W,5.0,182.3,060414,11.9,W*47
\$HEHDT,187.6,T*27
\$GPVTG,182.3,T,194.2,M,5.0,N,9.3,K*47
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\$GPGBS,074208,,,,,,,,*48
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PORT 4 04-06-2014 07:42:59
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\$GPGLL,3451.8963,N,07439.0249,W,074209,A*31
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\$HEHDT,187.3,T*22
\$GPVTG,182.3,T,194.2,M,5.0,N,9.3,K*47
\$GPZDA,074209,06,04,2014,00,00*45
\$GPGBS,074209,,,,,,,,*49
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PORT 4 04-06-2014 07:43:00
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\$GPGLL,3451.8948,N,07439.0251,W,074210,A*39
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\$HEHDT,187.1,T*20
\$GPZDA,074210,06,04,2014,00,00*4D
\$GPGBS,074210,,,,,,,,*41
\$GPGGA,074211,3451.8932,N,07439.0251,W,2,6,0.3,12,M,,M,,*58
PORT 12000 04-06-2014 07:43:00
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PORT 4 04-06-2014 07:43:01
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PORT 4 04-06-2014 07:43:03
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\$GPVTG,182.8,T,194.7,M,5.0,N,9.3,K*49
\$GPZDA,074212,06,04,2014,00,00*4F
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\$HEHDT,188.0,T*2E
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PORT 4 04-06-2014 07:43:04
\$GPGLL,3451.8907,N,07439.0255,W,074213,A*35
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PORT 4 04-06-2014 07:43:05
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\$GPVTG,183.4,T,195.3,M,5.0,N,9.3,K*41
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PORT 5 04-06-2014 07:43:06
IN
PORT 4 04-06-2014 07:43:06
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\$GPVTG,183.4,T,195.3,M,5.0,N,9.3,K*41
\$HEHDT,188.6,T*28
\$GPZDA,074215,06,04,2014,00,00*48
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\$GPGGA,074216,3451.8871,N,07439.0260,W,2,8,0.4,11,M,,M,,*51
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PORT 4 04-06-2014 07:43:07
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\$GPVTG,183.7,T,195.6,M,4.9,N,9.1,K*4D
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\$GPGBS,074217,,,,,,*46
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PORT 4 04-06-2014 07:43:09
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\$GPZDA,074218,06,04,2014,00,00*45
\$GPGBS,074218,,,,,,*49
\$GPGGA,074219,3451.8830,N,07439.0262,w,2,8,0.3,11,M,,M,,*5E
\$HEHDT,187.7,T*26

PORT 5 04-06-2014 07:43:10
04627 ms
*
PORT 4 04-06-2014 07:43:10
\$GPGLL,3451.8830,N,07439.0262,w,074219,A*3E
\$HEHDT,187.7,T*26
\$GPRMC,074219,A,3451.8830,N,07439.0262,w,4.9,183.4,060414,11.9,w*4D
\$GPVTG,183.4,T,195.3,M,4.9,N,9.1,K*4B
\$GPZDA,074219,06,04,2014,00,00*44
\$GPGBS,074219,,,,,,*48
\$GPGGA,074220,3451.8817,N,07439.0263,w,2,8,0.3,11,M,,M,,*50
\$HEHDT,187.6,T*27
PORT 12000 04-06-2014 07:43:10
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PORT 4 04-06-2014 07:43:11
\$GPGLL,3451.8817,N,07439.0263,w,074220,A*30
\$GPRMC,074220,A,3451.8817,N,07439.0263,w,4.9,183.4,060414,11.9,w*43
\$HEHDT,188.1,T*2F
\$GPVTG,183.4,T,195.3,M,4.9,N,9.1,K*4B
\$GPZDA,074220,06,04,2014,00,00*4E
\$GPGBS,074220,000.0,000.0,000.0,17,0.05,0016.5,012.5*45
\$GPGGA,074221,3451.8804,N,07439.0265,w,2,8,0.3,11,M,,M,,*55
\$HEHDT,188.2,T*2C

PORT 4 04-06-2014 07:43:12
\$GPGLL,3451.8804,N,07439.0265,w,074221,A*35
\$GPRMC,074221,A,3451.8804,N,07439.0265,w,4.9,183.3,060414,11.9,w*41
\$GPVTG,183.3,T,195.2,M,4.9,N,9.1,K*4D
\$HEHDT,188.6,T*28
\$GPZDA,074221,06,04,2014,00,00*4F
\$GPGBS,074221,000.0,000.0,000.0,17,0.05,0015.5,012.5*47
\$GPGGA,074222,3451.8788,N,07439.0264,w,2,8,0.4,11,M,,M,,*5B
\$HEHDT,188.5,T*2B

PORT 4 04-06-2014 07:43:13
\$GPGLL,3451.8788,N,07439.0264,w,074222,A*3C
\$GPRMC,074222,A,3451.8788,N,07439.0264,w,5.0,183.3,060414,11.9,w*40
\$GPVTG,183.3,T,195.2,M,5.0,N,9.3,K*47
\$GPZDA,074222,06,04,2014,00,00*4C
\$GPGBS,074222,,,,,,*40
\$GPGGA,074223,3451.8772,N,07439.0266,w,2,8,0.4,11,M,,M,,*5D
\$HEHDT,188.5,T*2B

PORT 4 04-06-2014 07:43:14
\$HEHDT,188.7,T*29
\$GPGLL,3451.8772,N,07439.0266,w,074223,A*3A
\$GPRMC,074223,A,3451.8772,N,07439.0266,w,5.0,184.2,060414,11.9,w*40
\$GPVTG,184.2,T,196.1,M,5.0,N,9.3,K*41

S01_C04_survey.Log

\$GPZDA,074223,06,04,2014,00,00*4D
\$GPGBS,074223,,,,,,,,*41
\$GPGGA,074224,3451.8756,N,07439.0266,W,2,7,0.4,11,M,,M,,*53
\$HEHDT,188.1,T*2F

PORT 4 04-06-2014 07:43:15
\$GPGLL,3451.8756,N,07439.0266,W,074224,A*3B
\$GPRMC,074224,A,3451.8756,N,07439.0266,W,5.1,184.3,060414,11.9,W*41
\$HEHDT,188.3,T*2D
\$GPVTG,184.3,T,196.2,M,5.1,N,9.4,K*45
\$GPZDA,074224,06,04,2014,00,00*4A
\$GPGBS,074224,,,,,,,,*46
\$GPGGA,074225,3451.8741,N,07439.0266,W,2,7,0.4,11,M,,M,,*54
\$HEHDT,188.6,T*28

PORT 4 04-06-2014 07:43:16
\$GPGLL,3451.8741,N,07439.0266,W,074225,A*3C
\$GPRMC,074225,A,3451.8741,N,07439.0266,W,5.1,184.3,060414,11.9,W*46
\$HEHDT,188.7,T*29
\$GPVTG,184.3,T,196.2,M,5.1,N,9.4,K*45
\$GPZDA,074225,06,04,2014,00,00*4B
\$GPGBS,074225,,,,,,,,*47
\$GPGGA,074226,3451.8730,N,07439.0267,W,2,7,0.3,11,M,,M,,*57
\$HEHDT,188.9,T*27
\$GPGLL,3451.8730,N,07439.0267,W,074226,A*38
\$GPRMC,074226,A,3451.8730,N,07439.0267,W,5.0,183.6,060414,11.9,W*41
\$GPVTG,183.6,T,195.5,M,5.0,N,9.3,K*45
\$GPZDA,074226,06,04,2014,00,00*48
\$HEHDT,188.0,T*2E
\$GPGBS,074226,,,,,,,,*44
\$GPGGA,074227,3451.8716,N,07439.0269,W,2,7,0.3,11,M,,M,,*5C

PORT 4 04-06-2014 07:43:17
\$HEHDT,188.2,T*2C
\$GPGLL,3451.8716,N,07439.0269,W,074227,A*33
\$GPRMC,074227,A,3451.8716,N,07439.0269,W,5.0,183.9,060414,11.9,W*45
\$GPVTG,183.9,T,195.8,M,5.0,N,9.3,K*47
\$GPZDA,074227,06,04,2014,00,00*49
\$HEHDT,188.4,T*2A
\$GPGBS,074227,,,,,,,,*45
\$GPGGA,074228,3451.8705,N,07439.0271,W,2,8,0.3,11,M,,M,,*57

PORT 4 04-06-2014 07:43:18
\$HEHDT,187.7,T*26
\$GPGLL,3451.8705,N,07439.0271,W,074228,A*37
\$GPRMC,074228,A,3451.8705,N,07439.0271,W,5.0,183.8,060414,11.9,W*40
\$GPVTG,183.8,T,195.7,M,5.0,N,9.3,K*49
\$GPZDA,074228,06,04,2014,00,00*46
\$GPGBS,074228,,,,,,,,*4A
\$HEHDT,187.7,T*26
\$GPGGA,074229,3451.8692,N,07439.0273,W,2,8,0.3,11,M,,M,,*5B

PORT 4 04-06-2014 07:43:20
\$HEHDT,187.7,T*26
\$GPGLL,3451.8692,N,07439.0273,W,074229,A*3B
\$GPRMC,074229,A,3451.8692,N,07439.0273,W,5.0,183.8,060414,11.9,W*4C
\$GPVTG,183.8,T,195.7,M,5.0,N,9.3,K*49
\$GPZDA,074229,06,04,2014,00,00*47
\$GPGBS,074229,000.0,000.0,000.0,17,0.05,0013.4,012.5*48
\$GPGGA,074230,3451.8680,N,07439.0273,W,2,8,0.3,11,M,,M,,*50
\$HEHDT,187.7,T*26

PORT 4 04-06-2014 07:43:21

S01_C04_survey.Log

\$GPGLL,3451.8680,N,07439.0273,W,074230,A*30
\$GPRMC,074230,A,3451.8680,N,07439.0273,W,5.0,183.3,060414,11.9,W*4C
\$HEHDT,188.1,T*2F
\$GPVTG,183.3,T,195.2,M,5.0,N,9.3,K*47
\$GPZDA,074230,06,04,2014,00,00*4F
\$GPGBS,074230,000.0,000.0,000.0,17,0.05,0013.2,012.5*46
\$GPGGA,074231,3451.8666,N,07439.0276,W,2,8,0.3,11,M,,M,,*5C
\$HEHDT,187.7,T*26
PORT 12000 04-06-2014 07:43:21
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:43:22
\$GPGLL,3451.8666,N,07439.0276,W,074231,A*3C
\$GPRMC,074231,A,3451.8666,N,07439.0276,W,5.0,183.5,060414,11.9,W*46
\$HEHDT,188.2,T*2C
\$GPVTG,183.5,T,195.4,M,5.0,N,9.3,K*47
\$GPZDA,074231,06,04,2014,00,00*4E
\$GPGBS,074231,,,,,,,,*42
\$GPGGA,074232,3451.8654,N,07439.0277,W,2,8,0.3,11,M,,M,,*5F
\$HEHDT,188.7,T*29

PORT 4 04-06-2014 07:43:23
\$GPGLL,3451.8654,N,07439.0277,W,074232,A*3F
\$GPRMC,074232,A,3451.8654,N,07439.0277,W,5.0,183.5,060414,11.9,W*45
\$GPVTG,183.5,T,195.4,M,5.0,N,9.3,K*47
\$GPZDA,074232,06,04,2014,00,00*4D
\$GPGBS,074232,000.0,000.0,000.0,17,0.05,0013.5,012.5*43
\$HEHDT,188.3,T*2D
\$GPGGA,074233,3451.8638,N,07439.0277,W,2,8,0.6,11,M,,M,,*51

PORT 4 04-06-2014 07:43:24
\$HEHDT,188.6,T*28
\$GPGLL,3451.8638,N,07439.0277,W,074233,A*34
\$GPRMC,074233,A,3451.8638,N,07439.0277,W,5.0,184.0,060414,11.9,W*4C
\$GPVTG,184.0,T,195.9,M,5.0,N,9.3,K*48
\$GPZDA,074233,06,04,2014,00,00*4C
\$GPGBS,074233,,,,,,,,*40
\$GPGGA,074234,3451.8638,N,07439.0277,W,2,6,0.6,11,M,,M,,*58
\$HEHDT,188.4,T*2A

PORT 4 04-06-2014 07:43:25
\$GPGLL,3451.8638,N,07439.0277,W,074234,A*33
\$HEHDT,188.2,T*2C
\$GPRMC,074234,A,3451.8638,N,07439.0277,W,5.0,184.0,060414,11.9,W*4B
\$GPVTG,184.0,T,195.9,M,5.0,N,9.3,K*48
\$GPZDA,074234,06,04,2014,00,00*4B
\$GPGBS,074234,,,,,,,,*47
\$GPGGA,074235,3451.8605,N,07439.0278,W,2,6,0.5,11,M,,M,,*5B
\$HEHDT,188.1,T*2F

PORT 4 04-06-2014 07:43:26
\$GPGLL,3451.8605,N,07439.0278,W,074235,A*33
\$HEHDT,187.2,T*23
\$GPRMC,074235,A,3451.8605,N,07439.0278,W,5.0,184.0,060414,11.9,W*4B
\$GPVTG,184.0,T,195.9,M,5.0,N,9.3,K*48
\$GPZDA,074235,06,04,2014,00,00*4A
\$GPGBS,074235,,,,,,,,*46
\$GPGGA,074236,3451.8590,N,07439.0280,W,2,6,0.8,11,M,,M,,*5D
\$HEHDT,187.5,T*24
\$GPGLL,3451.8590,N,07439.0280,W,074236,A*38
\$GPRMC,074236,A,3451.8590,N,07439.0280,W,5.1,184.3,060414,11.9,W*42
\$GPVTG,184.3,T,196.2,M,5.1,N,9.4,K*45
\$HEHDT,187.6,T*27

S01_C04_survey.Log

\$GPZDA,074236,06,04,2014,00,00*49
\$GPGBS,074236,,,,,,,,*45
\$GPGGA,074237,3451.8590,N,07439.0280,w,2,6,0.8,11,M,,M,,*5C

PORT 4 04-06-2014 07:43:27
\$HEHDT,187.9,T*28
\$GPGLL,3451.8590,N,07439.0280,w,074237,A*39
\$GPRMC,074237,A,3451.8590,N,07439.0280,w,5.1,184.3,060414,11.9,w*43
\$GPVTG,184.3,T,196.2,M,5.1,N,9.4,K*45
\$GPZDA,074237,06,04,2014,00,00*48
\$HEHDT,188.4,T*2A
\$GPGBS,074237,,,,,,,,*44
\$GPGGA,074238,3451.8575,N,07439.0278,w,2,5,0.8,11,M,,M,,*5C

PORT 4 04-06-2014 07:43:28
\$HEHDT,187.9,T*28
\$GPGLL,3451.8575,N,07439.0278,w,074238,A*3A
\$GPRMC,074238,A,3451.8575,N,07439.0278,w,5.1,183.8,060414,11.9,w*4C
\$GPVTG,183.8,T,195.7,M,5.1,N,9.4,K*4F
\$GPZDA,074238,06,04,2014,00,00*47
\$HEHDT,188.2,T*2C
\$GPGBS,074238,,,,,,,,*4B
\$GPGGA,074239,3451.8543,N,07439.0278,w,2,5,0.8,11,M,,M,,*58

PORT 4 04-06-2014 07:43:29
\$HEHDT,188.6,T*28
\$GPGLL,3451.8543,N,07439.0278,w,074239,A*3E
\$GPRMC,074239,A,3451.8543,N,07439.0278,w,5.1,183.3,060414,11.9,w*43
\$GPVTG,183.3,T,195.2,M,5.1,N,9.4,K*41
\$GPZDA,074239,06,04,2014,00,00*46
\$GPGBS,074239,,,,,,,,*4A
\$GPGGA,074240,3451.8528,N,07439.0280,w,2,6,0.5,11,M,,M,,*52
\$HEHDT,188.0,T*2E

PORT 4 04-06-2014 07:43:30
\$GPGLL,3451.8528,N,07439.0280,w,074240,A*3A
\$GPRMC,074240,A,3451.8528,N,07439.0280,w,5.1,183.5,060414,11.9,w*41
\$HEHDT,188.4,T*2A
\$GPVTG,183.5,T,195.4,M,5.1,N,9.4,K*41
\$GPZDA,074240,06,04,2014,00,00*48
\$GPGBS,074240,,,,,,,,*44
\$GPGGA,074241,3451.8515,N,07439.0280,w,2,6,0.5,10,M,,M,,*5C
\$HEHDT,188.6,T*28
PORT 12000 04-06-2014 07:43:30
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PORT 4 04-06-2014 07:43:32
\$GPGLL,3451.8515,N,07439.0280,w,074241,A*35
\$GPRMC,074241,A,3451.8515,N,07439.0280,w,5.1,183.7,060414,11.9,w*4C
\$GPVTG,183.7,T,195.6,M,5.1,N,9.4,K*41
\$HEHDT,188.1,T*2F
\$GPZDA,074241,06,04,2014,00,00*49
\$GPGBS,074241,,,,,,,,*45
\$GPGGA,074242,3451.8501,N,07439.0280,w,2,7,0.4,10,M,,M,,*5A
\$HEHDT,188.2,T*2C

PORT 4 04-06-2014 07:43:33
\$GPGLL,3451.8501,N,07439.0280,w,074242,A*33
\$GPRMC,074242,A,3451.8501,N,07439.0280,w,5.0,183.9,060414,11.9,w*45
\$GPVTG,183.9,T,195.8,M,5.0,N,9.3,K*47
\$GPZDA,074242,06,04,2014,00,00*4A
\$HEHDT,187.9,T*28
\$GPGBS,074242,,,,,,,,*46

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\$GPGGA,074243,3451.8486,N,07439.0281,W,2,7,0.4,10,M,,M,,*54

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PORT 4 04-06-2014 07:43:34

\$HEHDT,188.0,T*2E

\$GPGLL,3451.8486,N,07439.0281,W,074243,A*3D

\$GPRMC,074243,A,3451.8486,N,07439.0281,W,5.0,183.5,060414,11.9,W*47

\$GPVTG,183.5,T,195.4,M,5.0,N,9.3,K*47

\$GPZDA,074243,06,04,2014,00,00*4B

\$HEHDT,188.3,T*2D

\$GPGBS,074243,,,,,,,,*47

\$GPGGA,074244,3451.8471,N,07439.0283,W,2,7,0.4,10,M,,M,,*59

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PORT 4 04-06-2014 07:43:35

\$HEHDT,187.7,T*26

\$GPGLL,3451.8471,N,07439.0283,W,074244,A*30

\$GPRMC,074244,A,3451.8471,N,07439.0283,W,5.0,183.5,060414,11.9,W*4A

\$GPVTG,183.5,T,195.4,M,5.0,N,9.3,K*47

\$GPZDA,074244,06,04,2014,00,00*4C

\$HEHDT,187.9,T*28

\$GPGBS,074244,,,,,,,,*40

\$GPGGA,074245,3451.8460,N,07439.0287,W,2,7,0.4,10,M,,M,,*5C

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PORT 4 04-06-2014 07:43:36

\$GPGLL,3451.8460,N,07439.0287,W,074245,A*35

\$GPRMC,074245,A,3451.8460,N,07439.0287,W,5.0,183.8,060414,11.9,W*42

\$HEHDT,188.2,T*2C

\$GPVTG,183.8,T,195.7,M,5.0,N,9.3,K*49

\$GPZDA,074245,06,04,2014,00,00*4D

\$GPGBS,074245,000.0,000.0,000.0,17,0.05,0021.3,012.5*44

\$GPGGA,074246,3451.8460,N,07439.0287,W,2,8,0.3,10,M,,M,,*57

\$HEHDT,187.5,T*24

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PORT 4 04-06-2014 07:43:37

\$GPGLL,3451.8460,N,07439.0287,W,074246,A*36

\$GPRMC,074246,A,3451.8460,N,07439.0287,W,5.1,184.0,060414,11.9,W*4F

\$HEHDT,188.0,T*2E

\$GPVTG,184.0,T,195.9,M,5.1,N,9.4,K*4E

\$GPZDA,074246,06,04,2014,00,00*4E

\$GPGBS,074246,,,,,,,,*42

\$GPGGA,074247,3451.8431,N,07439.0288,W,2,8,0.3,10,M,,M,,*5D

\$HEHDT,188.0,T*2E

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PORT 4 04-06-2014 07:43:38

\$GPGLL,3451.8431,N,07439.0288,W,074247,A*3C

\$GPRMC,074247,A,3451.8431,N,07439.0288,W,5.1,184.1,060414,11.9,W*44

\$HEHDT,188.2,T*2C

\$GPVTG,184.1,T,196.0,M,5.1,N,9.4,K*45

\$GPZDA,074247,06,04,2014,00,00*4F

\$GPGBS,074247,,,,,,,,*43

\$GPGGA,074248,3451.8416,N,07439.0288,W,2,7,0.4,10,M,,M,,*5F

\$HEHDT,188.2,T*2C

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PORT 4 04-06-2014 07:43:39

\$GPGLL,3451.8416,N,07439.0288,W,074248,A*36

\$GPRMC,074248,A,3451.8416,N,07439.0288,W,5.1,183.8,060414,11.9,W*40

\$GPVTG,183.8,T,195.7,M,5.1,N,9.4,K*4F

\$GPZDA,074248,06,04,2014,00,00*40

\$HEHDT,188.3,T*2D

\$GPGBS,074248,,,,,,,,*4C

\$GPGGA,074249,3451.8401,N,07439.0289,W,2,7,0.4,10,M,,M,,*59

\$HEHDT,188.1,T*2F

\$GPGLL,3451.8401,N,07439.0289,W,074249,A*30

\$GPRMC,074249,A,3451.8401,N,07439.0289,W,5.1,183.7,060414,11.9,W*49

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\$GPVTG,183.7,T,195.6,M,5.1,N,9.4,K*41
\$GPZDA,074249,06,04,2014,00,00*41
\$GPGBS,074249,,,,,,,,*4D
\$HEHDT,188.4,T*2A
\$GPGGA,074250,3451.8389,N,07439.0291,W,2,7,0.4,10,M,,M,,*5F

PORT 4 04-06-2014 07:43:40
\$GPGLL,3451.8389,N,07439.0291,W,074250,A*36
\$HEHDT,188.3,T*2D
\$GPRMC,074250,A,3451.8389,N,07439.0291,W,5.1,183.7,060414,11.9,W*4F
\$GPVTG,183.7,T,195.6,M,5.1,N,9.4,K*41
\$GPZDA,074250,06,04,2014,00,00*49
\$GPGBS,074250,000.0,000.0,000.0,17,0.05,0013.5,012.5*47
\$GPGGA,074251,3451.8374,N,07439.0292,W,2,7,0.3,10,M,,M,,*58
\$HEHDT,188.2,T*2C
PORT 12000 04-06-2014 07:43:40
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:43:42
\$GPGLL,3451.8374,N,07439.0292,W,074251,A*36
\$GPRMC,074251,A,3451.8374,N,07439.0292,W,5.1,184.1,060414,11.9,W*4E
\$HEHDT,187.8,T*29
\$GPVTG,184.1,T,196.0,M,5.1,N,9.4,K*45
\$GPZDA,074251,06,04,2014,00,00*48
\$GPGBS,074251,,,,,,,,*44
\$GPGGA,074252,3451.8374,N,07439.0292,W,2,7,0.4,10,M,,M,,*5C
\$HEHDT,188.0,T*2E

PORT 4 04-06-2014 07:43:43
\$GPGLL,3451.8374,N,07439.0292,W,074252,A*35
\$GPRMC,074252,A,3451.8374,N,07439.0292,W,5.1,184.2,060414,11.9,W*4E
\$GPVTG,184.2,T,196.1,M,5.1,N,9.4,K*47
\$HEHDT,188.1,T*2F
\$GPZDA,074252,06,04,2014,00,00*4B
\$GPGBS,074252,,,,,,,,*47
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PORT 4 04-06-2014 07:43:44
\$GPGLL,3451.8348,N,07439.0295,W,074253,A*3C
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\$GPVTG,184.4,T,196.3,M,5.1,N,9.4,K*43
\$HEHDT,188.5,T*2B
\$GPZDA,074253,06,04,2014,00,00*4A
\$GPGBS,074253,,,,,,,,*46
\$GPGGA,074254,3451.8334,N,07439.0294,W,2,8,0.3,9,M,,M,,*68

PORT 4 04-06-2014 07:43:45
\$HEHDT,188.4,T*2A
\$GPGLL,3451.8334,N,07439.0294,W,074254,A*31
\$GPRMC,074254,A,3451.8334,N,07439.0294,W,5.0,184.1,060414,11.9,W*48
\$GPVTG,184.1,T,196.0,M,5.0,N,9.3,K*43
\$GPZDA,074254,06,04,2014,00,00*4D
\$HEHDT,188.6,T*28
\$GPGBS,074254,,,,,,,,*41
\$GPGGA,074255,3451.8324,N,07439.0296,W,2,8,0.4,9,M,,M,,*6D

PORT 4 04-06-2014 07:43:46
\$HEHDT,188.5,T*2B
\$GPGLL,3451.8324,N,07439.0296,W,074255,A*33
\$GPRMC,074255,A,3451.8324,N,07439.0296,W,5.0,183.5,060414,11.9,W*49
\$GPVTG,183.5,T,195.4,M,5.0,N,9.3,K*47
\$GPZDA,074255,06,04,2014,00,00*4C

S01_C04_survey.Log

\$GPGBS,074255,000.0,000.0,000.0,17,0.05,0024.1,012.5*42
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\$HEHDT,188.6,T*28

PORT 4 04-06-2014 07:43:47
\$GPGLL,3451.8308,N,07439.0296,W,074256,A*3E
\$GPRMC,074256,A,3451.8308,N,07439.0296,W,5.0,183.0,060414,11.9,w*41
\$HEHDT,188.8,T*26
\$GPVTG,183.0,T,194.9,M,5.0,N,9.3,K*4E
\$GPZDA,074256,06,04,2014,00,00*4F
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\$GPGGA,074257,3451.8293,N,07439.0298,W,2,8,0.6,9,M,,M,,*6E
\$HEHDT,188.2,T*2C

PORT 4 04-06-2014 07:43:48
\$GPGLL,3451.8293,N,07439.0298,W,074257,A*32
\$GPRMC,074257,A,3451.8293,N,07439.0298,W,5.0,182.8,060414,11.9,w*44
\$HEHDT,188.0,T*2E
\$GPVTG,182.8,T,194.7,M,5.0,N,9.3,K*49
\$GPZDA,074257,06,04,2014,00,00*4E
\$GPGBS,074257,,,,,,,,*42
\$GPGGA,074258,3451.8277,N,07439.0299,W,2,6,0.6,9,M,,M,,*64
\$HEHDT,187.9,T*28

PORT 4 04-06-2014 07:43:49
\$GPGLL,3451.8277,N,07439.0299,W,074258,A*36
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\$GPVTG,183.1,T,195.0,M,5.1,N,9.4,K*41
\$GPZDA,074258,06,04,2014,00,00*41
\$HEHDT,187.5,T*24
\$GPGBS,074258,,,,,,,,*4D
\$GPGGA,074259,3451.8264,N,07439.0302,W,2,6,0.5,9,M,,M,,*67
\$HEHDT,187.5,T*24

PORT 4 04-06-2014 07:43:50
\$GPGLL,3451.8264,N,07439.0302,W,074259,A*36
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\$GPZDA,074259,06,04,2014,00,00*40
\$HEHDT,187.5,T*24
\$GPGBS,074259,,,,,,,,*4C
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PORT 4 04-06-2014 07:43:51
\$HEHDT,187.3,T*22
\$GPGLL,3451.8248,N,07439.0303,W,074300,A*34
\$GPRMC,074300,A,3451.8248,N,07439.0303,W,5.1,185.3,060414,11.9,w*4F
\$GPVTG,185.3,T,197.2,M,5.1,N,9.4,K*45
\$GPZDA,074300,06,04,2014,00,00*4D
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PORT 5 04-06-2014 07:43:52
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PORT 4 04-06-2014 07:43:52
\$HEHDT,187.3,T*22
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\$GPRMC,074300,A,3451.8248,N,07439.0303,W,5.1,185.3,060414,11.9,w*4F
\$GPVTG,185.3,T,197.2,M,5.1,N,9.4,K*45
\$GPZDA,074300,06,04,2014,00,00*4D

S01_C04_survey.Log

\$GPGBS,074300,,,,,,,,*41
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\$HEHDT,187.7,T*26
\$GPGLL,3451.8233,N,07439.0303,W,074301,A*39
\$HEHDT,187.5,T*24
\$GPRMC,074301,A,3451.8233,N,07439.0303,W,5.1,185.1,060414,11.9,W*40
\$GPVTG,185.1,T,197.0,M,5.1,N,9.4,K*45
\$GPZDA,074301,06,04,2014,00,00*4C
\$GPGBS,074301,,,,,,,,*40
\$GPGGA,074302,3451.8217,N,07439.0305,W,2,6,0.5,9,M,,M,,*6B
\$HEHDT,187.4,T*25
\$GPGLL,3451.8217,N,07439.0305,W,074302,A*3A
\$GPRMC,074302,A,3451.8217,N,07439.0305,W,5.1,184.5,060414,11.9,W*46
\$HEHDT,187.6,T*27
\$GPVTG,184.5,T,196.4,M,5.1,N,9.4,K*45
\$GPZDA,074302,06,04,2014,00,00*4F
\$GPGBS,074302,,,,,,,,*43
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PORT 4 04-06-2014 07:43:53
\$HEHDT,187.3,T*22
\$GPGLL,3451.8248,N,07439.0303,W,074300,A*34
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\$GPVTG,185.3,T,197.2,M,5.1,N,9.4,K*45
\$GPZDA,074300,06,04,2014,00,00*4D
\$GPGBS,074300,,,,,,,,*41
\$GPGGA,074301,3451.8233,N,07439.0303,W,2,5,0.5,9,M,,M,,*6B
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\$GPGLL,3451.8233,N,07439.0303,W,074301,A*39
\$HEHDT,187.5,T*24
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\$GPVTG,185.1,T,197.0,M,5.1,N,9.4,K*45
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\$GPGLL,3451.8217,N,07439.0305,W,074302,A*3A
\$GPRMC,074302,A,3451.8217,N,07439.0305,W,5.1,184.5,060414,11.9,W*46
\$HEHDT,187.6,T*27
\$GPVTG,184.5,T,196.4,M,5.1,N,9.4,K*45
\$GPZDA,074302,06,04,2014,00,00*4F
\$GPGBS,074302,,,,,,,,*43
\$GPGGA,074303,3451.8203,N,07439.0305,W,2,6,0.5,9,M,,M,,*6F
\$HEHDT,187.8,T*29
\$GPGLL,3451.8203,N,07439.0305,W,074303,A*3E
\$GPRMC,074303,A,3451.8203,N,07439.0305,W,5.2,184.2,060414,11.9,W*46
\$GPVTG,184.2,T,196.1,M,5.2,N,9.6,K*46
\$HEHDT,188.0,T*2E
\$GPZDA,074303,06,04,2014,00,00*4E
\$GPGBS,074303,,,,,,,,*42
\$GPGGA,074304,3451.8192,N,07439.0306,W,2,8,0.3,9,M,,M,,*68

PORT 4 04-06-2014 07:43:54
\$HEHDT,187.2,T*23
\$GPGLL,3451.8192,N,07439.0306,W,074304,A*31
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\$GPVTG,183.8,T,195.7,M,5.2,N,9.6,K*4E
\$HEHDT,187.1,T*20
\$GPZDA,074304,06,04,2014,00,00*49
\$GPGBS,074304,,,,,,,,*45
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PORT 4 04-06-2014 07:43:55

\$HEHDT,186.8,T*28
\$GPGLL,3451.8181,N,07439.0307,W,074305,A*33
\$GPRMC,074305,A,3451.8181,N,07439.0307,W,5.1,183.1,060414,11.9,W*4C
\$GPVTG,183.1,T,195.0,M,5.1,N,9.4,K*41
\$GPZDA,074305,06,04,2014,00,00*48
\$GPGBS,074305,000.0,000.0,000.0,17,0.05,0015.4,012.5*41
\$GPGGA,074306,3451.8167,N,07439.0307,W,2,8,0.3,9,M,,M,,*61
\$HEHDT,186.8,T*28

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PORT 5 04-06-2014 07:43:57

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PORT 4 04-06-2014 07:43:57

\$GPGLL,3451.8167,N,07439.0307,W,074306,A*38
\$HEHDT,187.2,T*23
\$GPRMC,074306,A,3451.8167,N,07439.0307,W,5.0,183.0,060414,11.9,W*47
\$GPVTG,183.0,T,194.9,M,5.0,N,9.3,K*4E
\$GPZDA,074306,06,04,2014,00,00*4B
\$GPGBS,074306,,,,,,,,*47
\$GPGGA,074307,3451.8150,N,07439.0309,W,2,8,0.4,9,M,,M,,*6D
\$HEHDT,186.6,T*26

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PORT 4 04-06-2014 07:43:58

\$GPGLL,3451.8150,N,07439.0309,W,074307,A*33
\$GPRMC,074307,A,3451.8150,N,07439.0309,W,5.0,183.2,060414,11.9,W*4E
\$HEHDT,186.8,T*28
\$GPVTG,183.2,T,195.1,M,5.0,N,9.3,K*45
\$GPZDA,074307,06,04,2014,00,00*4A
\$GPGBS,074307,,,,,,,,*46
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\$HEHDT,187.2,T*23

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PORT 4 04-06-2014 07:43:59

\$GPGLL,3451.8135,N,07439.0309,W,074308,A*3F
\$GPRMC,074308,A,3451.8135,N,07439.0309,W,5.0,183.6,060414,11.9,W*46
\$GPVTG,183.6,T,195.5,M,5.0,N,9.3,K*45
\$HEHDT,186.5,T*25
\$GPZDA,074308,06,04,2014,00,00*45
\$GPGBS,074308,,,,,,,,*49
\$GPGGA,074309,3451.8120,N,07439.0308,W,2,7,0.4,9,M,,M,,*6A
\$HEHDT,187.0,T*21

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PORT 4 04-06-2014 07:44:00

\$GPGLL,3451.8120,N,07439.0308,W,074309,A*3B
\$GPRMC,074309,A,3451.8120,N,07439.0308,W,5.0,183.6,060414,11.9,W*42
\$GPVTG,183.6,T,195.5,M,5.0,N,9.3,K*45
\$GPZDA,074309,06,04,2014,00,00*44
\$HEHDT,186.8,T*28
\$GPGBS,074309,,,,,,,,*48
\$GPGGA,074310,3451.8105,N,07439.0307,W,2,7,0.4,9,M,,M,,*6A
\$HEHDT,186.1,T*21
\$GPGLL,3451.8105,N,07439.0307,W,074310,A*3B
\$GPRMC,074310,A,3451.8105,N,07439.0307,W,5.0,182.8,060414,11.9,W*4D
\$GPVTG,182.8,T,194.7,M,5.0,N,9.3,K*49
\$GPZDA,074310,06,04,2014,00,00*4C
\$GPGBS,074310,,,,,,,,*40
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PORT 12000 04-06-2014 07:44:00

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PORT 4 04-06-2014 07:44:02

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\$HEHDT,185.2,T*21
\$GPGLL,3451.8089,N,07439.0309,W,074311,A*31
\$GPRMC,074311,A,3451.8089,N,07439.0309,W,5.0,182.4,060414,11.9,W*4B
\$GPVTG,182.4,T,194.3,M,5.0,N,9.3,K*41
\$GPZDA,074311,06,04,2014,00,00*4D
\$GPGBS,074311,,,,,,*41
\$HEHDT,184.7,T*25
\$GPGGA,074312,3451.8080,N,07439.0312,W,2,7,0.4,9,M,,M,,*60

PORT 4 04-06-2014 07:44:03
\$GPGLL,3451.8080,N,07439.0312,W,074312,A*31
\$HEHDT,185.2,T*21
\$GPRMC,074312,A,3451.8080,N,07439.0312,W,5.1,182.6,060414,11.9,W*48
\$GPVTG,182.6,T,194.5,M,5.1,N,9.4,K*43
\$GPZDA,074312,06,04,2014,00,00*4E
\$GPGBS,074312,000.0,000.0,000.0,17,0.05,0022.4,012.5*43
\$GPGGA,074313,3451.8073,N,07439.0317,W,2,7,0.3,9,M,,M,,*6F
\$HEHDT,185.8,T*2B

PORT 4 04-06-2014 07:44:04
\$GPGLL,3451.8073,N,07439.0317,W,074313,A*39
\$GPRMC,074313,A,3451.8073,N,07439.0317,W,5.1,183.1,060414,11.9,W*46
\$GPVTG,183.1,T,195.0,M,5.1,N,9.4,K*41
\$HEHDT,186.1,T*21
\$GPZDA,074313,06,04,2014,00,00*4F
\$GPGBS,074313,000.0,000.0,000.0,17,0.05,0029.4,012.5*49
\$GPGGA,074314,3451.8056,N,07439.0316,W,2,8,0.3,9,M,,M,,*61
\$HEHDT,186.2,T*22

PORT 4 04-06-2014 07:44:05
\$GPGLL,3451.8056,N,07439.0316,W,074314,A*38
\$GPRMC,074314,A,3451.8056,N,07439.0316,W,5.1,183.4,060414,11.9,W*42
\$GPVTG,183.4,T,195.3,M,5.1,N,9.4,K*47
\$HEHDT,186.6,T*26
\$GPZDA,074314,06,04,2014,00,00*48
\$GPGBS,074314,,,,,,*44
\$GPGGA,074315,3451.8049,N,07439.0316,W,2,8,0.4,9,M,,M,,*69
\$HEHDT,186.6,T*26

PORT 4 04-06-2014 07:44:06
\$GPGLL,3451.8049,N,07439.0316,W,074315,A*37
\$GPRMC,074315,A,3451.8049,N,07439.0316,W,5.1,182.8,060414,11.9,W*40
\$GPVTG,182.8,T,194.7,M,5.1,N,9.4,K*4F
\$GPZDA,074315,06,04,2014,00,00*49
\$GPGBS,074315,000.0,000.0,000.0,17,0.05,0027.5,012.5*40
\$HEHDT,186.5,T*25
\$GPGGA,074316,3451.8031,N,07439.0313,W,2,6,0.4,9,M,,M,,*6E

PORT 4 04-06-2014 07:44:07
\$GPGLL,3451.8031,N,07439.0313,W,074316,A*3E
\$HEHDT,186.8,T*28
\$GPRMC,074316,A,3451.8031,N,07439.0313,W,5.1,181.5,060414,11.9,W*47
\$GPVTG,181.5,T,193.4,M,5.1,N,9.4,K*45
\$GPZDA,074316,06,04,2014,00,00*4A
\$GPGBS,074316,,,,,,*46
\$GPGGA,074317,3451.8015,N,07439.0312,W,2,6,0.6,9,M,,M,,*6A
\$HEHDT,186.2,T*22
\$GPGLL,3451.8015,N,07439.0312,W,074317,A*38
\$GPRMC,074317,A,3451.8015,N,07439.0312,W,5.1,180.3,060414,11.9,W*46
\$HEHDT,186.2,T*22
\$GPVTG,180.3,T,192.2,M,5.1,N,9.4,K*45
\$GPZDA,074317,06,04,2014,00,00*4B
\$GPGBS,074317,,,,,,*47

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\$GPGGA,074318,3451.7999,N,07439.0314,W,1,8,0.9,9,M,,M,,*63

PORT 4 04-06-2014 07:44:08
\$HEHDT,185.6,T*25
\$GPGLL,3451.7999,N,07439.0314,W,074318,A*33
\$GPRMC,074318,A,3451.7999,N,07439.0314,W,5.1,180.3,060414,11.9,W*4D
\$HEHDT,185.9,T*2A
\$GPVTG,180.3,T,192.2,M,5.1,N,9.4,K*45
\$GPZDA,074318,06,04,2014,00,00*44
\$GPGBS,074318,,,,,,,,*48
\$GPGGA,074319,3451.7986,N,07439.0317,W,2,8,0.6,9,M,,M,,*63

PORT 4 04-06-2014 07:44:09
\$HEHDT,186.2,T*22
\$GPGLL,3451.7986,N,07439.0317,W,074319,A*3F
\$GPRMC,074319,A,3451.7986,N,07439.0317,W,5.0,181.6,060414,11.9,W*44
\$GPVTG,181.6,T,193.5,M,5.0,N,9.3,K*41
\$GPZDA,074319,06,04,2014,00,00*45
\$HEHDT,186.0,T*20
\$GPGBS,074319,,,,,,,,*49
\$GPGGA,074320,3451.7970,N,07439.0318,W,1,7,1.4,8,M,,M,,*61

PORT 4 04-06-2014 07:44:10
\$HEHDT,186.5,T*25
\$GPGLL,3451.7970,N,07439.0318,W,074320,A*33
\$GPRMC,074320,A,3451.7970,N,07439.0318,W,5.0,182.8,060414,11.9,W*45
\$GPVTG,182.8,T,194.7,M,5.0,N,9.3,K*49
\$GPZDA,074320,06,04,2014,00,00*4F
\$GPGBS,074320,,,,,,,,*43
\$HEHDT,187.0,T*21
\$GPGGA,074321,3451.7955,N,07439.0318,W,1,7,1.4,8,M,,M,,*67
PORT 12000 04-06-2014 07:44:10
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PORT 4 04-06-2014 07:44:11
\$HEHDT,186.5,T*25
\$GPGLL,3451.7955,N,07439.0318,W,074321,A*35
\$GPRMC,074321,A,3451.7955,N,07439.0318,W,5.0,182.8,060414,11.9,W*43
\$GPVTG,182.8,T,194.7,M,5.0,N,9.3,K*49
\$GPZDA,074321,06,04,2014,00,00*4E
\$GPGBS,074321,,,,,,,,*42
\$GPGGA,074322,3451.7939,N,07439.0317,W,2,6,0.5,8,M,,M,,*63
\$HEHDT,186.8,T*28

PORT 4 04-06-2014 07:44:12
\$GPGLL,3451.7939,N,07439.0317,W,074322,A*33
\$HEHDT,186.4,T*24
\$GPRMC,074322,A,3451.7939,N,07439.0317,W,5.0,182.4,060414,11.9,W*49
\$GPVTG,182.4,T,194.3,M,5.0,N,9.3,K*41
\$GPZDA,074322,06,04,2014,00,00*4D
\$GPGBS,074322,,,,,,,,*41
\$GPGGA,074323,3451.7923,N,07439.0317,W,2,6,0.5,8,M,,M,,*69
\$HEHDT,185.7,T*24

PORT 4 04-06-2014 07:44:14
\$GPGLL,3451.7923,N,07439.0317,W,074323,A*39
\$GPRMC,074323,A,3451.7923,N,07439.0317,W,5.1,182.1,060414,11.9,W*47
\$HEHDT,185.5,T*26
\$GPVTG,182.1,T,194.0,M,5.1,N,9.4,K*41
\$GPZDA,074323,06,04,2014,00,00*4C
\$GPGBS,074323,,,,,,,,*40
\$GPGGA,074324,3451.7910,N,07439.0317,W,2,6,0.5,8,M,,M,,*6E
\$HEHDT,185.7,T*24

S01_C04_survey.Log

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#
PORT 4 04-06-2014 07:44:15
$GPGLL,3451.7910,N,07439.0317,W,074324,A*3E
$GPRMC,074324,A,3451.7910,N,07439.0317,W,5.0,182.1,060414,11.9,w*41
$GPVTG,182.1,T,194.0,M,5.0,N,9.3,K*47
$HEHDT,185.4,T*27
$GPZDA,074324,06,04,2014,00,00*4B
$GPGBS,074324,,,,,,,,*47
$GPGGA,074325,3451.7894,N,07439.0315,W,2,6,0.4,8,M,,M,,*61
$HEHDT,185.7,T*24
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PORT 4 04-06-2014 07:44:16
$GPGLL,3451.7894,N,07439.0315,W,074325,A*30
$GPRMC,074325,A,3451.7894,N,07439.0315,W,5.0,181.7,060414,11.9,w*4A
$GPVTG,181.7,T,193.6,M,5.0,N,9.3,K*43
$HEHDT,186.0,T*20
$GPZDA,074325,06,04,2014,00,00*4A
$GPGBS,074325,,,,,,,,*46
$GPGGA,074326,3451.7878,N,07439.0313,W,2,7,0.4,8,M,,M,,*67
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PORT 4 04-06-2014 07:44:17
$HEHDT,186.4,T*24
$GPGLL,3451.7878,N,07439.0313,W,074326,A*37
$GPRMC,074326,A,3451.7878,N,07439.0313,W,5.0,180.9,060414,11.9,w*42
$GPVTG,180.9,T,192.8,M,5.0,N,9.3,K*43
$GPZDA,074326,06,04,2014,00,00*49
$GPGBS,074326,,,,,,,,*45
$HEHDT,186.1,T*21
$GPGGA,074327,3451.7868,N,07439.0317,W,2,7,0.4,7,M,,M,,*6C
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PORT 4 04-06-2014 07:44:18
$HEHDT,186.7,T*27
$GPGLL,3451.7868,N,07439.0317,W,074327,A*33
$GPRMC,074327,A,3451.7868,N,07439.0317,W,5.1,180.0,060414,11.9,w*4E
$GPVTG,180.0,T,191.9,M,5.1,N,9.4,K*4E
$GPZDA,074327,06,04,2014,00,00*48
$GPGBS,074327,000.0,000.0,000.0,17,0.05,0021.9,012.5*4B
$HEHDT,186.1,T*21
$GPGGA,074328,3451.7859,N,07439.0321,W,2,8,0.3,7,M,,M,,*6C
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PORT 4 04-06-2014 07:44:19
$GPGLL,3451.7859,N,07439.0321,W,074328,A*3B
$HEHDT,186.5,T*25
$GPRMC,074328,A,3451.7859,N,07439.0321,W,5.1,180.7,060414,11.9,w*41
$GPVTG,180.7,T,192.6,M,5.1,N,9.4,K*45
$GPZDA,074328,06,04,2014,00,00*47
$GPGBS,074328,000.0,000.0,000.0,17,0.05,0024.9,012.5*41
$GPGGA,074329,3451.7845,N,07439.0323,W,2,8,0.3,7,M,,M,,*62
$HEHDT,186.8,T*28
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PORT 4 04-06-2014 07:44:20
$GPGLL,3451.7845,N,07439.0323,W,074329,A*35
$GPRMC,074329,A,3451.7845,N,07439.0323,W,5.0,182.0,060414,11.9,w*4B
$GPVTG,182.0,T,193.9,M,5.0,N,9.3,K*48
$HEHDT,186.2,T*22
$GPZDA,074329,06,04,2014,00,00*46
$GPGBS,074329,,,,,,,,*4A
$GPGGA,074330,3451.7831,N,07439.0322,W,2,7,0.4,7,M,,M,,*60
$HEHDT,186.5,T*25
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PORT 4 04-06-2014 07:44:21
$GPGLL,3451.7831,N,07439.0322,W,074330,A*3F
$GPRMC,074330,A,3451.7831,N,07439.0322,W,5.0,182.7,060414,11.9,w*46

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\$GPVTG,182.7,T,194.6,M,5.0,N,9.3,K*47
\$GPZDA,074330,06,04,2014,00,00*4E
\$HEHDT,186.4,T*24
\$GPGBS,074330,,,,,,,,*42
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\$HEHDT,186.2,T*22
PORT 12000 04-06-2014 07:44:21
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:44:22
\$GPGLL,3451.7816,N,07439.0323,W,074331,A*3A
\$GPRMC,074331,A,3451.7816,N,07439.0323,W,4.9,182.7,060414,11.9,W*4B
\$GPVTG,182.7,T,194.6,M,4.9,N,9.1,K*4D
\$GPZDA,074331,06,04,2014,00,00*4F
\$HEHDT,186.2,T*22
\$GPGBS,074331,,,,,,,,*43
\$GPGGA,074332,3451.7800,N,07439.0322,W,2,7,0.4,7,M,,M,,*60

PORT 4 04-06-2014 07:44:23
\$HEHDT,185.4,T*27
\$GPGLL,3451.7800,N,07439.0322,W,074332,A*3F
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\$GPVTG,182.7,T,194.6,M,4.9,N,9.1,K*4D
\$GPZDA,074332,06,04,2014,00,00*4C
\$GPGBS,074332,,,,,,,,*40
\$HEHDT,185.8,T*2B
\$GPGGA,074333,3451.7793,N,07439.0327,W,2,7,0.4,7,M,,M,,*61

PORT 4 04-06-2014 07:44:24
\$GPGLL,3451.7793,N,07439.0327,W,074333,A*3E
\$HEHDT,186.1,T*21
\$GPRMC,074333,A,3451.7793,N,07439.0327,W,4.9,182.4,060414,11.9,W*4C
\$GPVTG,182.4,T,194.3,M,4.9,N,9.1,K*4B
\$GPZDA,074333,06,04,2014,00,00*4D
\$GPGBS,074333,000.0,000.0,000.0,17,0.05,0036.5,012.5*44
\$GPGGA,074334,3451.7776,N,07439.0325,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,185.6,T*25

PORT 4 04-06-2014 07:44:25
\$GPGLL,3451.7776,N,07439.0325,W,074334,A*30
\$GPRMC,074334,A,3451.7776,N,07439.0325,W,5.0,182.1,060414,11.9,W*4F
\$HEHDT,185.9,T*2A
\$GPVTG,182.1,T,194.0,M,5.0,N,9.3,K*47
\$GPZDA,074334,06,04,2014,00,00*4A
\$GPGBS,074334,,,,,,,,*46
\$GPGGA,074335,3451.7760,N,07439.0325,W,2,8,0.4,7,M,,M,,*66
\$HEHDT,185.8,T*2B

PORT 4 04-06-2014 07:44:26
\$GPGLL,3451.7760,N,07439.0325,W,074335,A*36
\$GPRMC,074335,A,3451.7760,N,07439.0325,W,5.0,181.8,060414,11.9,W*43
\$GPVTG,181.8,T,193.7,M,5.0,N,9.3,K*4D
\$HEHDT,185.2,T*21
\$GPZDA,074335,06,04,2014,00,00*4B
\$GPGBS,074335,,,,,,,,*47
\$GPGGA,074336,3451.7745,N,07439.0324,W,2,7,0.4,7,M,,M,,*6C
\$HEHDT,185.5,T*26

PORT 4 04-06-2014 07:44:27
\$GPGLL,3451.7745,N,07439.0324,W,074336,A*33
\$GPRMC,074336,A,3451.7745,N,07439.0324,W,5.1,181.5,060414,11.9,W*4A
\$GPVTG,181.5,T,193.4,M,5.1,N,9.4,K*45
\$GPZDA,074336,06,04,2014,00,00*48

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\$HEHDT,185.5,T*26
\$GPGBS,074336,,,,,,,,*44
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\$HEHDT,185.9,T*2A
\$GPGLL,3451.7729,N,07439.0323,W,074337,A*3F
\$GPRMC,074337,A,3451.7729,N,07439.0323,W,5.1,181.3,060414,11.9,w*40
\$GPVTG,181.3,T,193.2,M,5.1,N,9.4,K*45
\$GPZDA,074337,06,04,2014,00,00*49
\$GPGBS,074337,,,,,,,,*45
\$GPGGA,074338,3451.7717,N,07439.0325,W,2,7,0.4,7,M,,M,,*64
\$HEHDT,186.1,T*21

PORT 4 04-06-2014 07:44:28
\$GPGLL,3451.7717,N,07439.0325,W,074338,A*3B
\$HEHDT,186.2,T*22
\$GPRMC,074338,A,3451.7717,N,07439.0325,W,5.1,181.2,060414,11.9,w*45
\$GPVTG,181.2,T,193.1,M,5.1,N,9.4,K*47
\$GPZDA,074338,06,04,2014,00,00*46
\$GPGBS,074338,,,,,,,,*4A
\$GPGGA,074339,3451.7704,N,07439.0325,W,2,7,0.3,7,M,,M,,*60
\$HEHDT,186.4,T*24

PORT 4 04-06-2014 07:44:30
\$GPGLL,3451.7704,N,07439.0325,W,074339,A*38
\$GPRMC,074339,A,3451.7704,N,07439.0325,W,5.0,181.2,060414,11.9,w*47
\$HEHDT,186.5,T*25
\$GPVTG,181.2,T,193.1,M,5.0,N,9.3,K*41
\$GPZDA,074339,06,04,2014,00,00*47
\$GPGBS,074339,,,,,,,,*4B
\$GPGGA,074340,3451.7691,N,07439.0327,W,2,7,0.4,7,M,,M,,*66
\$HEHDT,185.8,T*2B

PORT 4 04-06-2014 07:44:31
\$GPGLL,3451.7691,N,07439.0327,W,074340,A*39
\$GPRMC,074340,A,3451.7691,N,07439.0327,W,5.0,181.7,060414,11.9,w*43
\$GPVTG,181.7,T,193.6,M,5.0,N,9.3,K*43
\$HEHDT,185.9,T*2A
\$GPZDA,074340,06,04,2014,00,00*49
\$GPGBS,074340,,,,,,,,*45
\$GPGGA,074341,3451.7679,N,07439.0328,W,2,7,0.3,7,M,,M,,*69
\$HEHDT,185.6,T*25
PORT 12000 04-06-2014 07:44:31
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:44:32
\$GPGLL,3451.7679,N,07439.0328,W,074341,A*31
\$GPRMC,074341,A,3451.7679,N,07439.0328,W,4.9,182.2,060414,11.9,w*45
\$GPVTG,182.2,T,194.1,M,4.9,N,9.1,K*4F
\$GPZDA,074341,06,04,2014,00,00*48
\$HEHDT,185.4,T*27
\$GPGBS,074341,,,,,,,,*44
\$GPGGA,074342,3451.7665,N,07439.0327,W,2,8,0.3,7,M,,M,,*67

PORT 4 04-06-2014 07:44:33
\$HEHDT,184.9,T*2B
\$GPGLL,3451.7665,N,07439.0327,W,074342,A*30
\$GPRMC,074342,A,3451.7665,N,07439.0327,W,4.9,182.2,060414,11.9,w*44
\$GPVTG,182.2,T,194.1,M,4.9,N,9.1,K*4F
\$GPZDA,074342,06,04,2014,00,00*4B
\$GPGBS,074342,,,,,,,,*47
\$GPGGA,074343,3451.7652,N,07439.0327,W,2,8,0.4,7,M,,M,,*65
\$HEHDT,184.8,T*2A
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PORT 4 04-06-2014 07:44:34

\$HEHDT,185.1,T*22
\$GPGLL,3451.7652,N,07439.0327,W,074343,A*35
\$GPRMC,074343,A,3451.7652,N,07439.0327,W,4.9,181.7,060414,11.9,w*47
\$GPVTG,181.7,T,193.6,M,4.9,N,9.1,K*49
\$GPZDA,074343,06,04,2014,00,00*4A
\$GPGBS,074343,,,,,,,,*46
\$GPGGA,074344,3451.7636,N,07439.0326,W,2,8,0.3,7,M,,M,,*66
\$HEHDT,185.5,T*26

#

PORT 4 04-06-2014 07:44:35

\$GPGLL,3451.7636,N,07439.0326,W,074344,A*31
\$GPRMC,074344,A,3451.7636,N,07439.0326,W,4.9,181.1,060414,11.9,w*45
\$HEHDT,185.9,T*2A
\$GPVTG,181.1,T,193.0,M,4.9,N,9.1,K*49
\$GPZDA,074344,06,04,2014,00,00*4D
\$GPGBS,074344,,,,,,,,*41
\$GPGGA,074345,3451.7621,N,07439.0327,W,2,8,0.4,7,M,,M,,*67
\$HEHDT,186.6,T*26

#

PORT 4 04-06-2014 07:44:36

\$GPGLL,3451.7621,N,07439.0327,W,074345,A*37
\$GPRMC,074345,A,3451.7621,N,07439.0327,W,4.9,181.0,060414,11.9,w*42
\$HEHDT,185.9,T*2A
\$GPVTG,181.0,T,192.9,M,4.9,N,9.1,K*40
\$GPZDA,074345,06,04,2014,00,00*4C
\$GPGBS,074345,,,,,,,,*40
\$GPGGA,074346,3451.7605,N,07439.0326,W,2,7,0.4,7,M,,M,,*6C
\$HEHDT,186.1,T*21

#

PORT 4 04-06-2014 07:44:37

\$GPGLL,3451.7605,N,07439.0326,W,074346,A*33
\$GPRMC,074346,A,3451.7605,N,07439.0326,W,5.0,181.2,060414,11.9,w*4C
\$GPVTG,181.2,T,193.1,M,5.0,N,9.3,K*41
\$GPZDA,074346,06,04,2014,00,00*4F
\$HEHDT,185.9,T*2A
\$GPGBS,074346,,,,,,,,*43
\$GPGGA,074347,3451.7589,N,07439.0327,W,2,7,0.4,7,M,,M,,*6B
\$HEHDT,185.7,T*24

#

PORT 4 04-06-2014 07:44:38

\$GPGLL,3451.7589,N,07439.0327,W,074347,A*34
\$GPRMC,074347,A,3451.7589,N,07439.0327,W,5.0,181.3,060414,11.9,w*4A
\$GPVTG,181.3,T,193.2,M,5.0,N,9.3,K*43
\$GPZDA,074347,06,04,2014,00,00*4E
\$GPGBS,074347,,,,,,,,*42
\$HEHDT,185.1,T*22
\$GPGGA,074348,3451.7575,N,07439.0327,W,2,7,0.4,7,M,,M,,*67
\$HEHDT,185.4,T*27
\$GPGLL,3451.7575,N,07439.0327,W,074348,A*38
\$GPRMC,074348,A,3451.7575,N,07439.0327,W,5.0,181.3,060414,11.9,w*46
\$GPVTG,181.3,T,193.2,M,5.0,N,9.3,K*43
\$GPZDA,074348,06,04,2014,00,00*41
\$GPGBS,074348,,,,,,,,*4D
\$GPGGA,074349,3451.7563,N,07439.0331,W,2,7,0.4,7,M,,M,,*66
\$HEHDT,185.4,T*27

#

PORT 5 04-06-2014 07:44:40

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PORT 4 04-06-2014 07:44:40
\$GPGLL,3451.7563,N,07439.0331,W,074349,A*39
\$GPRMC,074349,A,3451.7563,N,07439.0331,W,5.0,181.7,060414,11.9,w*43
\$HEHDT,186.0,T*20

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\$GPVTG,181.7,T,193.6,M,5.0,N,9.3,K*43
\$GPZDA,074349,06,04,2014,00,00*40
\$GPGBS,074349,,,,,*4C
\$GPGGA,074350,3451.7552,N,07439.0332,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,185.8,T*2B

PORT 4 04-06-2014 07:44:41
\$GPGLL,3451.7552,N,07439.0332,W,074350,A*30
\$GPRMC,074350,A,3451.7552,N,07439.0332,W,5.0,182.5,060414,11.9,W*4B
\$HEHDT,186.5,T*25
\$GPVTG,182.5,T,194.4,M,5.0,N,9.3,K*47
\$GPZDA,074350,06,04,2014,00,00*48
\$GPGBS,074350,,,,,*44
\$GPGGA,074351,3451.7538,N,07439.0332,W,2,8,0.3,7,M,,M,,*6A
\$HEHDT,186.7,T*27
PORT 12000 04-06-2014 07:44:41
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PORT 4 04-06-2014 07:44:42
\$GPGLL,3451.7538,N,07439.0332,W,074351,A*3D
\$GPRMC,074351,A,3451.7538,N,07439.0332,W,4.9,183.2,060414,11.9,W*48
\$HEHDT,186.7,T*27
\$GPVTG,183.2,T,195.1,M,4.9,N,9.1,K*4F
\$GPZDA,074351,06,04,2014,00,00*49
\$GPGBS,074351,,,,,*45
\$GPGGA,074352,3451.7527,N,07439.0334,W,2,7,0.4,7,M,,M,,*69
\$HEHDT,186.4,T*24

PORT 4 04-06-2014 07:44:43
\$GPGLL,3451.7527,N,07439.0334,W,074352,A*36
\$GPRMC,074352,A,3451.7527,N,07439.0334,W,4.9,183.0,060414,11.9,W*41
\$GPVTG,183.0,T,194.9,M,4.9,N,9.1,K*44
\$GPZDA,074352,06,04,2014,00,00*4A
\$GPGBS,074352,000.0,000.0,000.0,17,0.05,0022.1,012.5*42
\$HEHDT,185.8,T*2B
\$GPGGA,074353,3451.7513,N,07439.0331,W,2,7,0.3,7,M,,M,,*6D
\$HEHDT,186.0,T*20
\$GPGLL,3451.7513,N,07439.0331,W,074353,A*35
\$GPRMC,074353,A,3451.7513,N,07439.0331,W,4.9,182.2,060414,11.9,W*41
\$GPVTG,182.2,T,194.1,M,4.9,N,9.1,K*4F
\$GPZDA,074353,06,04,2014,00,00*4B
\$GPGBS,074353,,,,,*47
\$GPGGA,074354,3451.7503,N,07439.0331,W,2,7,0.4,7,M,,M,,*6C
\$HEHDT,185.6,T*25

PORT 5 04-06-2014 07:44:45
04793 mS
*
PORT 4 04-06-2014 07:44:45
\$HEHDT,185.6,T*25
\$GPGLL,3451.7503,N,07439.0331,W,074354,A*33
\$GPRMC,074354,A,3451.7503,N,07439.0331,W,4.8,181.3,060414,11.9,W*44
\$GPVTG,181.3,T,193.2,M,4.8,N,8.9,K*41
\$GPZDA,074354,06,04,2014,00,00*4C
\$GPGBS,074354,,,,,*40
\$GPGGA,074355,3451.7491,N,07439.0332,W,2,7,0.3,7,M,,M,,*63
\$HEHDT,185.4,T*27

PORT 4 04-06-2014 07:44:46
\$GPGLL,3451.7491,N,07439.0332,W,074355,A*3B
\$GPRMC,074355,A,3451.7491,N,07439.0332,W,4.8,180.6,060414,11.9,W*48
\$HEHDT,185.1,T*22
\$GPVTG,180.6,T,192.5,M,4.8,N,8.9,K*43

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\$GPZDA,074355,06,04,2014,00,00*4D
\$GPGBS,074355,000.0,000.0,000.0,17,0.05,0013.0,012.5*46
\$GPGGA,074356,3451.7474,N,07439.0332,W,2,8,0.3,7,M,,M,,*64
\$HEHDT,185.1,T*22

PORT 4 04-06-2014 07:44:47
\$GPGLL,3451.7474,N,07439.0332,W,074356,A*33
\$GPRMC,074356,A,3451.7474,N,07439.0332,W,4.8,180.5,060414,11.9,W*43
\$HEHDT,185.1,T*22
\$GPVTG,180.5,T,192.4,M,4.8,N,8.9,K*41
\$GPZDA,074356,06,04,2014,00,00*4E
\$GPGBS,074356,,,,,,*42
\$GPGGA,074357,3451.7463,N,07439.0335,W,2,8,0.4,7,M,,M,,*63
\$HEHDT,185.0,T*23

PORT 4 04-06-2014 07:44:48
\$GPGLL,3451.7463,N,07439.0335,W,074357,A*33
\$GPRMC,074357,A,3451.7463,N,07439.0335,W,4.9,180.9,060414,11.9,W*4E
\$GPVTG,180.9,T,192.8,M,4.9,N,9.1,K*49
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PORT 4 04-06-2014 07:44:49
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\$GPVTG,182.5,T,194.4,M,4.9,N,9.1,K*4D
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PORT 4 04-06-2014 07:44:50
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\$GPVTG,182.9,T,194.8,M,4.9,N,9.1,K*4D
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PORT 4 04-06-2014 07:44:52
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\$GPVTG,181.2,T,193.1,M,5.0,N,9.3,K*41
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PORT 4 04-06-2014 07:44:58
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PORT 4 04-06-2014 07:44:59
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\$GPVTG,179.9,T,191.8,M,4.9,N,9.1,K*4C
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\$GPGBS,074408,,,,,,,,*4E
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PORT 4 04-06-2014 07:45:00
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\$GPGBS,074409,,,,,,,,*4F
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\$HEHDT,184.4,T*26
\$GPVTG,180.9,T,192.8,M,4.8,N,8.9,K*41
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PORT 4 04-06-2014 07:45:01
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\$HEHDT,184.0,T*22
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\$GPGGA,074412,3451.7253,N,07439.0336,W,2,7,0.4,8,M,,M,,*63
\$HEHDT,184.0,T*22

PORT 4 04-06-2014 07:45:02
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\$HEHDT,183.9,T*2C
\$GPGBS,074412,,,,,,,,*45
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PORT 4 04-06-2014 07:45:03
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\$GPVTG,180.5,T,192.4,M,5.0,N,9.3,K*43
\$GPZDA,074413,06,04,2014,00,00*48
\$HEHDT,183.9,T*2C
\$GPGBS,074413,,,,,,,,*44
\$GPGGA,074414,3451.7222,N,07439.0333,W,2,7,0.4,8,M,,M,,*66

PORT 4 04-06-2014 07:45:04
\$HEHDT,183.7,T*22
\$GPGLL,3451.7222,N,07439.0333,W,074414,A*36
\$GPRMC,074414,A,3451.7222,N,07439.0333,W,4.9,179.8,060414,11.9,w*4C
\$GPVTG,179.8,T,191.7,M,4.9,N,9.1,K*42
\$GPZDA,074414,06,04,2014,00,00*4F
\$GPGBS,074414,,,,,,,,*43
\$GPGGA,074415,3451.7206,N,07439.0334,W,2,7,0.4,8,M,,M,,*66

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$GPVTG,179.5,T,191.4,M,5.0,N,9.3,K*46
$GPZDA,074415,06,04,2014,00,00*4E
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$GPVTG,179.4,T,191.3,M,5.0,N,9.3,K*40
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$GPVTG,179.1,T,191.0,M,4.9,N,9.1,K*4C
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$GPGBS,074418,,,,,,,,*4F
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$GPGGA,074419,3451.7155,N,07439.0332,W,2,7,0.4,8,M,,M,,*69
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PORT 4 04-06-2014 07:45:11
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$GPRMC,074420,A,3451.7148,N,07439.0338,W,4.8,179.3,060414,11.9,W*45
$GPVTG,179.3,T,191.2,M,4.8,N,8.9,K*44
$GPZDA,074420,06,04,2014,00,00*48
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 \$GPGGA,074422,3451.7127,N,07439.0341,W,2,8,0.3,8,M,,M,,*68
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 \$GPGLL,3451.7127,N,07439.0341,W,074422,A*30
 \$GPRMC,074422,A,3451.7127,N,07439.0341,W,4.8,180.8,060414,11.9,W*4D
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 \$GPVTG,180.8,T,192.7,M,4.8,N,8.9,K*4F
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PORT 4 04-06-2014 07:45:14

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 \$HEHDT,184.2,T*20
 \$GPVTG,181.1,T,193.0,M,4.8,N,8.9,K*41
 \$GPZDA,074423,06,04,2014,00,00*4B
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PORT 4 04-06-2014 07:45:15

\$GPGLL,3451.7102,N,07439.0341,W,074424,A*31
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 \$GPVTG,180.6,T,192.5,M,4.8,N,8.9,K*43
 \$GPZDA,074424,06,04,2014,00,00*4C
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PORT 4 04-06-2014 07:45:16

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PORT 4 04-06-2014 07:45:17

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 \$GPVTG,179.2,T,191.1,M,4.9,N,9.1,K*4E
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PORT 4 04-06-2014 07:45:18

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 \$GPVTG,178.9,T,190.8,M,5.0,N,9.3,K*46
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PORT 4 04-06-2014 07:45:20
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\$GPVTG,178.9,T,190.8,M,5.0,N,9.3,K*46
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PORT 4 04-06-2014 07:45:21
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PORT 4 04-06-2014 07:45:23
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04881 ms
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PORT 4 04-06-2014 07:45:34

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S01_C04_survey.Log

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PORT 4 04-06-2014 07:45:44
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PORT 4 04-06-2014 07:45:46
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PORT 4 04-06-2014 07:45:48
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PORT 4 04-06-2014 07:45:52
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\$GPGGA,074502,3451.6566,N,07439.0338,W,2,7,0.4,9,M,,M,,*6C

PORT 4 04-06-2014 07:45:53
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\$GPGLL,3451.6566,N,07439.0338,W,074502,A*3D
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PORT 4 04-06-2014 07:45:54
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$HEHDT,183.7,T*22
$GPRMC,074503,A,3451.6550,N,07439.0338,W,4.9,180.0,060414,11.9,W*4D
$GPVTG,180.0,T,191.9,M,4.9,N,9.1,K*42
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PORT 4 04-06-2014 07:45:55
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$HEHDT,183.9,T*2C
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$HEHDT,184.3,T*21
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PORT 4 04-06-2014 07:45:56
$GPGLL,3451.6523,N,07439.0338,W,074505,A*3B
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$HEHDT,184.2,T*20
$GPVTG,179.3,T,191.2,M,4.9,N,9.1,K*4C
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PORT 4 04-06-2014 07:45:57
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PORT 4 04-06-2014 07:45:58
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$GPRMC,074508,A,3451.6479,N,07439.0337,W,5.0,180.1,060414,11.9,W*4A
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$HEHDT,184.1,T*23
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PORT 4 04-06-2014 07:45:59

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\$HEHDT,184.2,T*20

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PORT 4 04-06-2014 07:46:01

\$GPGLL,3451.6454,N,07439.0334,W,074510,A*32
\$GPRMC,074510,A,3451.6454,N,07439.0334,W,4.9,179.4,060414,11.9,w*44
\$HEHDT,184.2,T*20
\$GPVTG,179.4,T,191.3,M,4.9,N,9.1,K*4A
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PORT 12000 04-06-2014 07:46:01

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PORT 4 04-06-2014 07:46:02

\$GPGLL,3451.6440,N,07439.0333,W,074511,A*31
\$GPRMC,074511,A,3451.6440,N,07439.0333,W,4.9,178.6,060414,11.9,w*44
\$HEHDT,185.0,T*23
\$GPVTG,178.6,T,190.5,M,4.9,N,9.1,K*4E
\$GPZDA,074511,06,04,2014,00,00*4B
\$GPGGBS,074511,,,,,,,,*47
\$GPGGA,074512,3451.6436,N,07439.0338,W,2,7,0.3,9,M,,M,,*6E
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PORT 4 04-06-2014 07:46:03

\$GPGLL,3451.6436,N,07439.0338,W,074512,A*38
\$GPRMC,074512,A,3451.6436,N,07439.0338,W,4.8,178.9,060414,11.9,w*43
\$GPVTG,178.9,T,190.8,M,4.8,N,8.9,K*44
\$GPZDA,074512,06,04,2014,00,00*48
\$GPGGBS,074512,000.0,000.0,000.0,17,0.05,0034.0,012.5*46
\$HEHDT,184.4,T*26
\$GPGGA,074513,3451.6422,N,07439.0338,W,2,7,0.3,9,M,,M,,*6A

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PORT 4 04-06-2014 07:46:04

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\$GPVTG,178.9,T,190.8,M,4.8,N,8.9,K*44
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PORT 4 04-06-2014 07:46:05

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\$GPVTG,179.9,T,191.8,M,4.8,N,8.9,K*44
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PORT 4 04-06-2014 07:46:06

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\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
\$GPZDA,074515,06,04,2014,00,00*4F
\$GPGBS,074515,000.0,000.0,000.0,17,0.05,0017.3,012.5*43
\$GPGGA,074516,3451.6377,N,07439.0341,W,2,8,0.3,9,M,,M,,*69
\$HEHDT,183.2,T*27

PORT 4 04-06-2014 07:46:07
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\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
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PORT 4 04-06-2014 07:46:08
\$GPGLL,3451.6366,N,07439.0341,W,074517,A*31
\$GPRMC,074517,A,3451.6366,N,07439.0341,W,4.9,181.4,060414,11.9,w*40
\$GPVTG,181.4,T,193.3,M,4.9,N,9.1,K*4F
\$GPZDA,074517,06,04,2014,00,00*4D
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PORT 4 04-06-2014 07:46:09
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\$GPVTG,179.3,T,191.2,M,4.9,N,9.1,K*4C
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\$HEHDT,184.7,T*25

PORT 4 04-06-2014 07:46:10
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\$GPRMC,074520,A,3451.6322,N,07439.0335,W,4.9,178.3,060414,11.9,w*46
\$HEHDT,184.4,T*26
\$GPVTG,178.3,T,190.2,M,4.9,N,9.1,K*4C
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\$GPGBS,074520,,,,,,,,*45
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PORT 4 04-06-2014 07:46:11
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\$GPRMC,074521,A,3451.6308,N,07439.0338,W,4.9,178.7,060414,11.9,w*46
\$GPVTG,178.7,T,190.6,M,4.9,N,9.1,K*4C
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\$GPGBS,074521,,,,,,,,*44
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\$GPRMC,074522,A,3451.6293,N,07439.0339,W,4.9,180.1,060414,11.9,W*46
\$GPVTG,180.1,T,192.0,M,4.9,N,9.1,K*49
\$GPZDA,074522,06,04,2014,00,00*4B
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\$GPGBS,074522,,,,,,,,*47
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PORT 4 04-06-2014 07:46:14
\$HEHDT,183.1,T*24
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\$GPVTG,181.4,T,193.3,M,4.9,N,9.1,K*4F
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\$GPGGA,074524,3451.6273,N,07439.0342,W,2,7,0.4,10,M,,M,,*5E

PORT 4 04-06-2014 07:46:15
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\$GPVTG,181.9,T,193.8,M,4.9,N,9.1,K*49
\$GPZDA,074524,06,04,2014,00,00*4D
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\$GPGGA,074525,3451.6259,N,07439.0340,W,2,7,0.3,10,M,,M,,*52
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PORT 4 04-06-2014 07:46:16
\$GPGLL,3451.6259,N,07439.0340,W,074525,A*3C
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\$HEHDT,184.8,T*2A
\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
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\$GPGGA,074526,3451.6245,N,07439.0338,W,2,7,0.4,10,M,,M,,*54
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PORT 5 04-06-2014 07:46:17
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PORT 4 04-06-2014 07:46:17
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\$HEHDT,184.8,T*2A
\$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
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\$HEHDT,185.0,T*23
\$GPGLL,3451.6245,N,07439.0338,W,074526,A*3D
\$GPRMC,074526,A,3451.6245,N,07439.0338,W,4.9,180.5,060414,11.9,W*4C
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$GPVTG,181.6,T,193.5,M,4.9,N,9.1,K*4B
$GPZDA,074525,06,04,2014,00,00*4C
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$GPGGA,074526,3451.6245,N,07439.0338,W,2,7,0.4,10,M,,M,,*54
$HEHDT,185.0,T*23
$GPGLL,3451.6245,N,07439.0338,W,074526,A*3D
$GPRMC,074526,A,3451.6245,N,07439.0338,W,4.9,180.5,060414,11.9,w*4C
$GPVTG,180.5,T,192.4,M,4.9,N,9.1,K*49
$HEHDT,185.2,T*21
$GPZDA,074526,06,04,2014,00,00*4F
$GPGBS,074526,,,,,,,,*43
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$HEHDT,185.4,T*27
$GPGLL,3451.6230,N,07439.0337,W,074527,A*31
$GPRMC,074527,A,3451.6230,N,07439.0337,W,4.9,179.6,060414,11.9,w*45
$HEHDT,184.8,T*2A
$GPVTG,179.6,T,191.5,M,4.9,N,9.1,K*4E
$GPZDA,074527,06,04,2014,00,00*4E
$GPGBS,074527,,,,,,,,*42
$GPGGA,074528,3451.6214,N,07439.0336,W,2,7,0.4,10,M,,M,,*50
$HEHDT,184.3,T*21
$GPGLL,3451.6214,N,07439.0336,W,074528,A*39
$GPRMC,074528,A,3451.6214,N,07439.0336,W,4.9,179.3,060414,11.9,w*48
$GPVTG,179.3,T,191.2,M,4.9,N,9.1,K*4C
$GPZDA,074528,06,04,2014,00,00*41
$HEHDT,183.5,T*20
$GPGBS,074528,,,,,,,,*4D
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PORT 4 04-06-2014 07:46:19
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$GPVTG,179.2,T,191.1,M,4.9,N,9.1,K*4E
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$GPGBS,074529,,,,,,,,*4C
$GPGGA,074530,3451.6187,N,07439.0334,W,2,7,0.4,10,M,,M,,*52
$HEHDT,184.0,T*22
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PORT 4 04-06-2014 07:46:20
$GPGLL,3451.6187,N,07439.0334,W,074530,A*3B
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$GPVTG,179.2,T,191.1,M,4.9,N,9.1,K*4E
$GPZDA,074530,06,04,2014,00,00*48
$GPGBS,074530,,,,,,,,*44
$GPGGA,074531,3451.6171,N,07439.0333,W,2,7,0.4,10,M,,M,,*5D
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PORT 12000 04-06-2014 07:46:20
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PORT 5 04-06-2014 07:46:22
04974 ms
*
PORT 4 04-06-2014 07:46:22
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$GPRMC,074531,A,3451.6171,N,07439.0333,W,4.8,179.1,060414,11.9,w*46
$HEHDT,184.4,T*26
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\$GPVTG,179.1,T,191.0,M,4.8,N,8.9,K*44
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\$GPGBS,074531,,,,,,,,*45
\$GPGGA,074532,3451.6156,N,07439.0334,W,2,7,0.4,10,M,,M,,*5C
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PORT 4 04-06-2014 07:46:23
\$GPGLL,3451.6156,N,07439.0334,W,074532,A*35
\$GPRMC,074532,A,3451.6156,N,07439.0334,W,4.8,179.1,060414,11.9,W*47
\$HEHDT,184.5,T*27
\$GPVTG,179.1,T,191.0,M,4.8,N,8.9,K*44
\$GPZDA,074532,06,04,2014,00,00*4A
\$GPGBS,074532,,,,,,,,*46
\$GPGGA,074533,3451.6141,N,07439.0335,W,2,7,0.4,10,M,,M,,*5A
\$HEHDT,184.6,T*24

PORT 4 04-06-2014 07:46:24
\$GPGLL,3451.6141,N,07439.0335,W,074533,A*33
\$GPRMC,074533,A,3451.6141,N,07439.0335,W,5.0,180.2,060414,11.9,W*4D
\$GPVTG,180.2,T,192.1,M,5.0,N,9.3,K*41
\$GPZDA,074533,06,04,2014,00,00*4B
\$HEHDT,184.7,T*25
\$GPGBS,074533,,,,,,,,*47
\$GPGGA,074534,3451.6126,N,07439.0336,W,2,7,0.4,10,M,,M,,*5F

PORT 4 04-06-2014 07:46:25
\$HEHDT,183.9,T*2C
\$GPGLL,3451.6126,N,07439.0336,W,074534,A*36
\$GPRMC,074534,A,3451.6126,N,07439.0336,W,5.0,180.9,060414,11.9,W*43
\$GPVTG,180.9,T,192.8,M,5.0,N,9.3,K*43
\$GPZDA,074534,06,04,2014,00,00*4C
\$GPGBS,074534,,,,,,,,*40
\$GPGGA,074535,3451.6112,N,07439.0336,W,2,7,0.4,10,M,,M,,*59
\$HEHDT,184.3,T*21

PORT 4 04-06-2014 07:46:26
\$HEHDT,184.5,T*27
\$GPGLL,3451.6112,N,07439.0336,W,074535,A*30
\$GPRMC,074535,A,3451.6112,N,07439.0336,W,5.0,180.9,060414,11.9,W*45
\$GPVTG,180.9,T,192.8,M,5.0,N,9.3,K*43
\$GPZDA,074535,06,04,2014,00,00*4D
\$GPGBS,074535,,,,,,,,*41
\$HEHDT,184.1,T*23
\$GPGGA,074536,3451.6104,N,07439.0339,W,2,7,0.3,10,M,,M,,*55

PORT 4 04-06-2014 07:46:27
\$HEHDT,184.2,T*20
\$GPGLL,3451.6104,N,07439.0339,W,074536,A*3B
\$GPRMC,074536,A,3451.6104,N,07439.0339,W,4.9,181.5,060414,11.9,W*4B
\$GPVTG,181.5,T,193.4,M,4.9,N,9.1,K*49
\$GPZDA,074536,06,04,2014,00,00*4E
\$GPGBS,074536,000.0,000.0,000.0,17,0.05,0018.4,012.5*4A
\$GPGGA,074537,3451.6093,N,07439.0339,W,2,7,0.3,10,M,,M,,*5B
\$HEHDT,184.0,T*22
\$GPGLL,3451.6093,N,07439.0339,W,074537,A*35
\$GPRMC,074537,A,3451.6093,N,07439.0339,W,4.9,181.5,060414,11.9,W*45
\$GPVTG,181.5,T,193.4,M,4.9,N,9.1,K*49
\$HEHDT,184.1,T*23
\$GPZDA,074537,06,04,2014,00,00*4F
\$GPGBS,074537,000.0,000.0,000.0,17,0.05,0021.6,012.5*43
\$GPGGA,074538,3451.6077,N,07439.0337,W,2,8,0.3,10,M,,M,,*5F

PORT 4 04-06-2014 07:46:28

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\$HEHDT,184.3,T*21
\$GPGLL,3451.6077,N,07439.0337,W,074538,A*3E
\$GPRMC,074538,A,3451.6077,N,07439.0337,W,4.9,180.9,060414,11.9,w*43
\$GPVTG,180.9,T,192.8,M,4.9,N,9.1,K*49
\$HEHDT,184.4,T*26
\$GPZDA,074538,06,04,2014,00,00*40
\$GPGBS,074538,,,,,,,,*4C
\$GPGGA,074539,3451.6062,N,07439.0335,W,2,8,0.4,10,M,,M,,*5F

PORT 4 04-06-2014 07:46:29
\$HEHDT,184.6,T*24
\$GPGLL,3451.6062,N,07439.0335,W,074539,A*39
\$GPRMC,074539,A,3451.6062,N,07439.0335,W,5.0,179.1,060414,11.9,w*42
\$GPVTG,179.1,T,191.0,M,5.0,N,9.3,K*46
\$GPZDA,074539,06,04,2014,00,00*41
\$HEHDT,184.3,T*21
\$GPGBS,074539,,,,,,,,*4D
\$GPGGA,074540,3451.6048,N,07439.0334,W,2,7,0.4,10,M,,M,,*57

PORT 4 04-06-2014 07:46:30
\$HEHDT,184.5,T*27
\$GPGLL,3451.6048,N,07439.0334,W,074540,A*3E
\$GPRMC,074540,A,3451.6048,N,07439.0334,W,4.9,179.0,060414,11.9,w*4C
\$GPVTG,179.0,T,190.9,M,4.9,N,9.1,K*45
\$GPZDA,074540,06,04,2014,00,00*4F
\$GPGBS,074540,,,,,,,,*43
\$GPGGA,074541,3451.6035,N,07439.0334,W,2,7,0.4,10,M,,M,,*5C
\$HEHDT,184.4,T*26
PORT 12000 04-06-2014 07:46:30
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:46:31
\$GPGLL,3451.6035,N,07439.0334,W,074541,A*35
\$HEHDT,184.3,T*21
\$GPRMC,074541,A,3451.6035,N,07439.0334,W,4.8,179.0,060414,11.9,w*46
\$GPVTG,179.0,T,190.9,M,4.8,N,8.9,K*4D
\$GPZDA,074541,06,04,2014,00,00*4E
\$GPGBS,074541,,,,,,,,*42
\$GPGGA,074542,3451.6021,N,07439.0334,W,2,7,0.4,10,M,,M,,*5A
\$HEHDT,184.1,T*23

PORT 4 04-06-2014 07:46:32
\$GPGLL,3451.6021,N,07439.0334,W,074542,A*33
\$GPRMC,074542,A,3451.6021,N,07439.0334,W,4.8,179.5,060414,11.9,w*45
\$HEHDT,184.1,T*23
\$GPVTG,179.5,T,191.4,M,4.8,N,8.9,K*44
\$GPZDA,074542,06,04,2014,00,00*4D
\$GPGBS,074542,,,,,,,,*41
\$GPGGA,074543,3451.6005,N,07439.0334,W,2,7,0.4,10,M,,M,,*5D
\$HEHDT,184.4,T*26

PORT 4 04-06-2014 07:46:33
\$GPGLL,3451.6005,N,07439.0334,W,074543,A*34
\$GPRMC,074543,A,3451.6005,N,07439.0334,W,4.9,180.3,060414,11.9,w*43
\$GPVTG,180.3,T,192.2,M,4.9,N,9.1,K*49
\$HEHDT,183.6,T*23
\$GPZDA,074543,06,04,2014,00,00*4C
\$GPGBS,074543,,,,,,,,*40
\$GPGGA,074544,3451.5992,N,07439.0336,W,2,7,0.4,10,M,,M,,*5C

PORT 4 04-06-2014 07:46:35
\$HEHDT,183.9,T*2C
\$GPGLL,3451.5992,N,07439.0336,W,074544,A*35

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\$GPRMC,074544,A,3451.5992,N,07439.0336,W,4.9,181.0,060414,11.9,W*40
\$GPVTG,181.0,T,192.9,M,4.9,N,9.1,K*40
\$GPZDA,074544,06,04,2014,00,00*4B
\$HEHDT,183.7,T*22
\$GPGBS,074544,,,,,,,,*47
\$GPGGA,074545,3451.5977,N,07439.0335,W,2,7,0.4,10,M,,M,,*55

PORT 4 04-06-2014 07:46:36
\$HEHDT,183.5,T*20
\$GPGLL,3451.5977,N,07439.0335,W,074545,A*3C
\$GPRMC,074545,A,3451.5977,N,07439.0335,W,4.9,180.9,060414,11.9,W*41
\$GPVTG,180.9,T,192.8,M,4.9,N,9.1,K*49
\$GPZDA,074545,06,04,2014,00,00*4A
\$GPGBS,074545,,,,,,,,*46
\$GPGGA,074546,3451.5963,N,07439.0333,W,2,7,0.4,10,M,,M,,*55
\$HEHDT,183.5,T*20

PORT 4 04-06-2014 07:46:37
\$GPGLL,3451.5963,N,07439.0333,W,074546,A*3C
\$HEHDT,183.7,T*22
\$GPRMC,074546,A,3451.5963,N,07439.0333,W,5.0,179.9,060414,11.9,W*4F
\$GPVTG,179.9,T,191.8,M,5.0,N,9.3,K*46
\$GPZDA,074546,06,04,2014,00,00*49
\$GPGBS,074546,,,,,,,,*45
\$GPGGA,074547,3451.5947,N,07439.0331,W,2,7,0.4,9,M,,M,,*68
\$HEHDT,183.8,T*2D

PORT 4 04-06-2014 07:46:38
\$GPGLL,3451.5947,N,07439.0331,W,074547,A*39
\$HEHDT,184.2,T*20
\$GPRMC,074547,A,3451.5947,N,07439.0331,W,5.0,179.0,060414,11.9,W*43
\$GPVTG,179.0,T,190.9,M,5.0,N,9.3,K*4F
\$GPZDA,074547,06,04,2014,00,00*48
\$GPGBS,074547,,,,,,,,*44
\$GPGGA,074548,3451.5941,N,07439.0334,W,2,7,0.4,9,M,,M,,*64
\$HEHDT,184.0,T*22

PORT 4 04-06-2014 07:46:39
\$GPGLL,3451.5941,N,07439.0334,W,074548,A*35
\$GPRMC,074548,A,3451.5941,N,07439.0334,W,5.0,179.0,060414,11.9,W*4F
\$GPVTG,179.0,T,190.9,M,5.0,N,9.3,K*4F
\$HEHDT,184.3,T*21
\$GPZDA,074548,06,04,2014,00,00*47
\$GPGBS,074548,000.0,000.0,000.0,17,0.05,0038.2,012.5*47
\$GPGGA,074549,3451.5925,N,07439.0333,W,2,7,0.4,10,M,,M,,*58
\$HEHDT,183.6,T*23

PORT 4 04-06-2014 07:46:40
\$GPGLL,3451.5925,N,07439.0333,W,074549,A*31
\$GPRMC,074549,A,3451.5925,N,07439.0333,W,5.0,179.0,060414,11.9,W*4B
\$GPVTG,179.0,T,190.9,M,5.0,N,9.3,K*4F
\$GPZDA,074549,06,04,2014,00,00*46
\$HEHDT,183.9,T*2C
\$GPGBS,074549,,,,,,,,*4A
\$GPGGA,074550,3451.5910,N,07439.0334,W,2,7,0.4,10,M,,M,,*51
\$HEHDT,183.6,T*23

PORT 4 04-06-2014 07:46:41
\$GPGLL,3451.5910,N,07439.0334,W,074550,A*38
\$GPRMC,074550,A,3451.5910,N,07439.0334,W,5.0,179.6,060414,11.9,W*44
\$GPVTG,179.6,T,191.5,M,5.0,N,9.3,K*44
\$GPZDA,074550,06,04,2014,00,00*4E
\$HEHDT,184.0,T*22

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\$GPGBS,074550,,,,,,,,*42
\$GPGGA,074551,3451.5905,N,07439.0338,W,2,7,0.4,10,M,,M,,*58
\$GPGLL,3451.5905,N,07439.0338,W,074551,A*31
\$HEHDT,184.1,T*23
\$GPRMC,074551,A,3451.5905,N,07439.0338,W,5.0,179.6,060414,11.9,W*4D
\$GPVTG,179.6,T,191.5,M,5.0,N,9.3,K*44
\$GPZDA,074551,06,04,2014,00,00*4F
\$GPGBS,074551,000.0,000.0,000.0,17,0.05,0036.0,012.5*43
\$GPGGA,074552,3451.5891,N,07439.0338,W,2,8,0.4,10,M,,M,,*58
\$HEHDT,184.0,T*22
PORT 12000 04-06-2014 07:46:41
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:46:42
\$GPGLL,3451.5891,N,07439.0338,W,074552,A*3E
\$GPRMC,074552,A,3451.5891,N,07439.0338,W,4.9,180.4,060414,11.9,W*4E
\$HEHDT,184.3,T*21
\$GPVTG,180.4,T,192.3,M,4.9,N,9.1,K*4F
\$GPZDA,074552,06,04,2014,00,00*4C
\$GPGBS,074552,,,,,,,,*40
\$GPGGA,074553,3451.5874,N,07439.0335,W,2,8,0.6,10,M,,M,,*5D
\$HEHDT,183.5,T*20

PORT 4 04-06-2014 07:46:44
\$GPGLL,3451.5874,N,07439.0335,W,074553,A*39
\$GPRMC,074553,A,3451.5874,N,07439.0335,W,4.9,180.0,060414,11.9,W*4D
\$HEHDT,184.0,T*22
\$GPVTG,180.0,T,191.9,M,4.9,N,9.1,K*42
\$GPZDA,074553,06,04,2014,00,00*4D
\$GPGBS,074553,,,,,,,,*41
\$GPGGA,074554,3451.5867,N,07439.0341,W,2,5,0.6,10,M,,M,,*56
\$HEHDT,184.3,T*21

PORT 4 04-06-2014 07:46:45
\$GPGLL,3451.5867,N,07439.0341,W,074554,A*3F
\$GPRMC,074554,A,3451.5867,N,07439.0341,W,4.9,180.0,060414,11.9,W*4B
\$GPVTG,180.0,T,191.9,M,4.9,N,9.1,K*42
\$GPZDA,074554,06,04,2014,00,00*4A
\$HEHDT,183.9,T*2C
\$GPGBS,074554,000.0,000.0,000.0,17,0.05,0043.3,012.5*47
\$GPGGA,074555,3451.5851,N,07439.0338,W,2,5,0.6,10,M,,M,,*5C

PORT 4 04-06-2014 07:46:46
\$HEHDT,184.2,T*20
\$GPGLL,3451.5851,N,07439.0338,W,074555,A*35
\$GPRMC,074555,A,3451.5851,N,07439.0338,W,4.9,180.1,060414,11.9,W*40
\$GPVTG,180.1,T,192.0,M,4.9,N,9.1,K*49
\$GPZDA,074555,06,04,2014,00,00*4B
\$GPGBS,074555,,,,,,,,*47
\$GPGGA,074556,3451.5836,N,07439.0337,W,2,5,0.6,10,M,,M,,*51
\$HEHDT,184.0,T*22

PORT 4 04-06-2014 07:46:47
\$GPGLL,3451.5836,N,07439.0337,W,074556,A*38
\$HEHDT,183.9,T*2C
\$GPRMC,074556,A,3451.5836,N,07439.0337,W,4.9,179.9,060414,11.9,W*43
\$GPVTG,179.9,T,191.8,M,4.9,N,9.1,K*4C
\$GPZDA,074556,06,04,2014,00,00*48
\$GPGBS,074556,,,,,,,,*44
\$GPGGA,074557,3451.5819,N,07439.0335,W,2,5,0.6,10,M,,M,,*5F
\$HEHDT,183.6,T*23

PORT 4 04-06-2014 07:46:48

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\$GPGLL,3451.5819,N,07439.0335,w,074557,A*36
\$HEHDT,183.8,T*2D
\$GPRMC,074557,A,3451.5819,N,07439.0335,w,4.9,179.6,060414,11.9,w*42
\$GPVTG,179.6,T,191.5,M,4.9,N,9.1,K*4E
\$GPZDA,074557,06,04,2014,00,00*49
\$GPGBS,074557,,,,,,,,*45
\$GPGGA,074558,3451.5802,N,07439.0332,w,2,5,0.6,10,M,,M,,*5D
\$HEHDT,183.6,T*23

PORT 4 04-06-2014 07:46:49
\$GPGLL,3451.5802,N,07439.0332,w,074558,A*34
\$GPRMC,074558,A,3451.5802,N,07439.0332,w,5.0,179.2,060414,11.9,w*4C
\$HEHDT,184.0,T*22
\$GPVTG,179.2,T,191.1,M,5.0,N,9.3,K*44
\$GPZDA,074558,06,04,2014,00,00*46
\$GPGBS,074558,,,,,,,,*4A
\$GPGGA,074559,3451.5786,N,07439.0330,w,2,5,0.6,10,M,,M,,*5D
\$HEHDT,183.9,T*2C

PORT 4 04-06-2014 07:46:50
\$GPGLL,3451.5786,N,07439.0330,w,074559,A*34
\$GPRMC,074559,A,3451.5786,N,07439.0330,w,5.0,178.9,060414,11.9,w*46
\$GPVTG,178.9,T,190.8,M,5.0,N,9.3,K*46
\$GPZDA,074559,06,04,2014,00,00*47
\$HEHDT,184.0,T*22
\$GPGBS,074559,,,,,,,,*4B
\$GPGGA,074600,3451.5772,N,07439.0329,w,2,6,0.4,10,M,,M,,*50
\$HEHDT,184.0,T*22

PORT 4 04-06-2014 07:46:51
\$GPGLL,3451.5772,N,07439.0329,w,074600,A*38
\$GPRMC,074600,A,3451.5772,N,07439.0329,w,5.0,179.0,060414,11.9,w*42
\$GPVTG,179.0,T,190.9,M,5.0,N,9.3,K*4F
\$GPZDA,074600,06,04,2014,00,00*48
\$GPGBS,074600,,,,,,,,*44
\$HEHDT,184.0,T*22
\$GPGGA,074601,3451.5757,N,07439.0330,w,2,6,0.4,10,M,,M,,*5E

PORT 12000 04-06-2014 07:46:51
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:46:52
\$HEHDT,183.4,T*21
\$GPGLL,3451.5757,N,07439.0330,w,074601,A*36
\$GPRMC,074601,A,3451.5757,N,07439.0330,w,5.0,179.1,060414,11.9,w*4D
\$GPVTG,179.1,T,191.0,M,5.0,N,9.3,K*46
\$GPZDA,074601,06,04,2014,00,00*49
\$GPGBS,074601,,,,,,,,*45
\$GPGGA,074602,3451.5742,N,07439.0329,w,2,7,0.4,10,M,,M,,*50
\$HEHDT,183.2,T*27

PORT 4 04-06-2014 07:46:53
\$GPGLL,3451.5742,N,07439.0329,w,074602,A*39
\$HEHDT,183.1,T*24
\$GPRMC,074602,A,3451.5742,N,07439.0329,w,5.0,179.7,060414,11.9,w*44
\$GPVTG,179.7,T,191.6,M,5.0,N,9.3,K*46
\$GPZDA,074602,06,04,2014,00,00*4A
\$GPGBS,074602,,,,,,,,*46
\$GPGGA,074603,3451.5726,N,07439.0331,w,2,7,0.4,9,M,,M,,*62
\$HEHDT,182.8,T*2C

PORT 4 04-06-2014 07:46:54
\$GPGLL,3451.5726,N,07439.0331,w,074603,A*33
\$GPRMC,074603,A,3451.5726,N,07439.0331,w,5.1,180.4,060414,11.9,w*4A

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\$HEHDT,183.1,T*24
\$GPVTG,180.4,T,192.3,M,5.1,N,9.4,K*43
\$GPZDA,074603,06,04,2014,00,00*4B
\$GPGBS,074603,,,,,,,,*47
\$GPGGA,074604,3451.5710,N,07439.0332,W,2,7,0.4,9,M,,M,,*63
\$HEHDT,183.4,T*21
\$GPGLL,3451.5710,N,07439.0332,W,074604,A*32
\$GPRMC,074604,A,3451.5710,N,07439.0332,W,5.1,181.2,060414,11.9,W*4C
\$GPVTG,181.2,T,193.1,M,5.1,N,9.4,K*47
\$HEHDT,183.7,T*22
\$GPZDA,074604,06,04,2014,00,00*4C
\$GPGBS,074604,,,,,,,,*40
\$GPGGA,074605,3451.5697,N,07439.0332,W,2,7,0.4,9,M,,M,,*6C

PORT 4 04-06-2014 07:46:55
\$HEHDT,183.8,T*2D
\$GPGLL,3451.5697,N,07439.0332,W,074605,A*3D
\$GPRMC,074605,A,3451.5697,N,07439.0332,W,5.0,181.6,060414,11.9,W*46
\$GPVTG,181.6,T,193.5,M,5.0,N,9.3,K*41
\$GPZDA,074605,06,04,2014,00,00*4D
\$HEHDT,184.1,T*23
\$GPGBS,074605,,,,,,,,*41
\$GPGGA,074606,3451.5686,N,07439.0334,W,2,7,0.3,9,M,,M,,*6E

PORT 4 04-06-2014 07:46:56
\$HEHDT,183.8,T*2D
\$GPGLL,3451.5686,N,07439.0334,W,074606,A*38
\$GPRMC,074606,A,3451.5686,N,07439.0334,W,5.0,181.1,060414,11.9,W*44
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PORT 4 04-06-2014 07:46:59
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PORT 5 04-06-2014 07:47:10
05070 mS
*
PORT 4 04-06-2014 07:47:10
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PORT 4 04-06-2014 07:47:12
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PORT 4 04-06-2014 07:47:13
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\$HEHDT,183.7,T*22

PORT 4 04-06-2014 07:47:14
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PORT 4 04-06-2014 07:47:16
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PORT 4 04-06-2014 07:47:17
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PORT 4 04-06-2014 07:47:19
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PORT 4 04-06-2014 07:47:20
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\$GPVTG,181.1,T,193.0,M,5.0,N,9.3,K*43
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PORT 4 04-06-2014 07:47:21
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PORT 4 04-06-2014 07:47:22
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PORT 4 04-06-2014 07:47:23
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PORT 4 04-06-2014 07:47:24
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\$GPVTG,178.4,T,190.3,M,5.0,N,9.3,K*40
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PORT 4 04-06-2014 07:47:25
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PORT 4 04-06-2014 07:47:26
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\$HEHDT,182.9,T*2D
\$GPVTG,177.9,T,189.8,M,5.0,N,9.3,K*41
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PORT 4 04-06-2014 07:47:27
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\$GPVTG,178.9,T,190.8,M,5.0,N,9.3,K*46
\$HEHDT,182.3,T*27
\$GPZDA,074636,06,04,2014,00,00*4D
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\$HEHDT,182.0,T*24

PORT 4 04-06-2014 07:47:28
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\$GPVTG,179.9,T,191.8,M,5.0,N,9.3,K*46
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\$GPRMC,074638,A,3451.5251,N,07439.0331,W,5.0,180.6,060414,11.9,W*44
\$GPVTG,180.6,T,192.5,M,5.0,N,9.3,K*41
\$GPZDA,074638,06,04,2014,00,00*43
\$GPGBS,074638,000.0,000.0,000.0,17,0.05,0015.7,012.5*49
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PORT 4 04-06-2014 07:47:29
\$GPGLL,3451.5233,N,07439.0328,W,074639,A*33
\$HEHDT,182.5,T*21
\$GPRMC,074639,A,3451.5233,N,07439.0328,W,5.0,180.4,060414,11.9,W*4B
\$GPVTG,180.4,T,192.3,M,5.0,N,9.3,K*45
\$GPZDA,074639,06,04,2014,00,00*42
\$GPGBS,074639,,,,,,,,*4E
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\$HEHDT,183.1,T*24

PORT 4 04-06-2014 07:47:30
\$GPGLL,3451.5217,N,07439.0323,W,074640,A*30
\$GPRMC,074640,A,3451.5217,N,07439.0323,W,5.0,179.5,060414,11.9,W*4F
\$HEHDT,183.3,T*26
\$GPVTG,179.5,T,191.4,M,5.0,N,9.3,K*46
\$GPZDA,074640,06,04,2014,00,00*4C
\$GPGBS,074640,,,,,,,,*40
\$GPGGA,074641,3451.5201,N,07439.0319,W,2,6,0.6,11,M,,M,,*54
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PORT 4 04-06-2014 07:47:31

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 \$GPVTG,178.3,T,190.2,M,5.1,N,9.4,K*40
 \$HEHDT,183.6,T*23
 \$GPZDA,074641,06,04,2014,00,00*4D
 \$GPGBS,074641,,,,,,,,*41
 \$GPGGA,074642,3451.5187,N,07439.0318,w,1,7,1.6,10,M,,M,,*59

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PORT 4 04-06-2014 07:47:32

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 \$GPZDA,074642,06,04,2014,00,00*4E
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 \$GPGBS,074642,,,,,,,,*42
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PORT 4 04-06-2014 07:47:33

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 \$GPGLL,3451.5173,N,07439.0320,w,074643,A*31
 \$GPRMC,074643,A,3451.5173,N,07439.0320,w,5.1,177.4,060414,11.9,w*40
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 \$GPGBS,074643,,,,,,,,*43
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PORT 4 04-06-2014 07:47:35

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 \$GPRMC,074644,A,3451.5162,N,07439.0323,w,5.1,178.2,060414,11.9,w*4D
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PORT 4 04-06-2014 07:47:36

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PORT 4 04-06-2014 07:47:37

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 \$GPVTG,180.4,T,192.3,M,5.1,N,9.4,K*43
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 \$GPZDA,074646,06,04,2014,00,00*4A
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 \$GPGGA,074647,3451.5117,N,07439.0324,w,2,5,0.4,10,M,,M,,*58
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PORT 4 04-06-2014 07:47:38

\$GPGLL,3451.5117,N,07439.0324,w,074647,A*33

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\$GPRMC,074647,A,3451.5117,N,07439.0324,W,5.1,181.0,060414,11.9,W*4F
\$GPVTG,181.0,T,192.9,M,5.1,N,9.4,K*4C
\$GPZDA,074647,06,04,2014,00,00*4B
\$HEHDT,183.9,T*2C
\$GPGBS,074647,,,,,,,,*47
\$GPGGA,074648,3451.5105,N,07439.0323,W,2,7,0.4,10,M,,M,,*51
\$HEHDT,183.9,T*2C
\$GPGLL,3451.5105,N,07439.0323,W,074648,A*38
\$GPRMC,074648,A,3451.5105,N,07439.0323,W,5.0,180.8,060414,11.9,W*4C
\$GPVTG,180.8,T,192.7,M,5.0,N,9.3,K*4D
\$GPZDA,074648,06,04,2014,00,00*44
\$GPGBS,074648,,,,,,,,*48
\$GPGGA,074649,3451.5090,N,07439.0320,W,2,7,0.3,10,M,,M,,*59
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PORT 4 04-06-2014 07:47:39
\$HEHDT,182.9,T*2D
\$GPGLL,3451.5090,N,07439.0320,W,074649,A*37
\$GPRMC,074649,A,3451.5090,N,07439.0320,W,5.0,179.9,060414,11.9,W*44
\$GPVTG,179.9,T,191.8,M,5.0,N,9.3,K*46
\$GPZDA,074649,06,04,2014,00,00*45
\$GPGBS,074649,,,,,,,,*49
\$GPGGA,074650,3451.5075,N,07439.0317,W,2,7,0.4,10,M,,M,,*59
\$HEHDT,182.7,T*23

PORT 4 04-06-2014 07:47:41
\$GPGLL,3451.5075,N,07439.0317,W,074650,A*30
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PORT 4 04-06-2014 07:47:42
\$HEHDT,182.9,T*2D
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\$GPVTG,177.6,T,189.5,M,5.0,N,9.3,K*43
\$GPZDA,074651,06,04,2014,00,00*4C
\$GPGBS,074651,000.0,000.0,000.0,17,0.05,0033.2,012.5*47
\$GPGGA,074652,3451.5057,N,07439.0320,W,2,8,0.3,10,M,,M,,*57
\$HEHDT,182.8,T*2C

PORT 4 04-06-2014 07:47:43
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\$GPRMC,074652,A,3451.5057,N,07439.0320,W,5.0,177.0,060414,11.9,W*42
\$HEHDT,182.6,T*22
\$GPVTG,177.0,T,188.9,M,5.0,N,9.3,K*48
\$GPZDA,074652,06,04,2014,00,00*4F
\$GPGBS,074652,000.0,000.0,000.0,17,0.05,0028.3,012.5*4F
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\$HEHDT,182.8,T*2C
\$GPGLL,3451.5040,N,07439.0318,W,074653,A*3A
\$GPRMC,074653,A,3451.5040,N,07439.0318,W,5.0,177.1,060414,11.9,W*4F
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\$GPGBS,074653,,,,,,,,*42
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PORT 4 04-06-2014 07:47:45
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$GPRMC,074655,A,3451.5007,N,07439.0315,W,5.1,177.2,060414,11.9,W*45
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$GPGBS,074655,,,,,,,,*44
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PORT 4 04-06-2014 07:47:46
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$HEHDT,183.6,T*23
$GPRMC,074656,A,3451.4995,N,07439.0318,W,5.1,177.7,060414,11.9,W*4D
$GPVTG,177.7,T,189.6,M,5.1,N,9.4,K*47
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PORT 4 04-06-2014 07:47:48
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$GPVTG,179.1,T,191.0,M,5.1,N,9.4,K*40
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$GPGBS,074657,,,,,,,,*46
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$HEHDT,183.8,T*2D
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PORT 4 04-06-2014 07:47:49
$GPGLL,3451.4966,N,07439.0320,W,074658,A*36
$GPRMC,074658,A,3451.4966,N,07439.0320,W,5.1,180.3,060414,11.9,W*48
$GPVTG,180.3,T,192.2,M,5.1,N,9.4,K*45
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$GPGBS,074658,,,,,,,,*49
$HEHDT,183.7,T*22
$GPGGA,074659,3451.4951,N,07439.0318,W,2,8,0.4,10,M,,M,,*5E
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PORT 4 04-06-2014 07:47:50
$GPGLL,3451.4951,N,07439.0318,W,074659,A*38
$GPRMC,074659,A,3451.4951,N,07439.0318,W,5.0,180.8,060414,11.9,W*4C
$GPVTG,180.8,T,192.7,M,5.0,N,9.3,K*4D
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$HEHDT,183.6,T*23
$GPGBS,074659,,,,,,,,*48
$GPGGA,074700,3451.4939,N,07439.0316,W,2,8,0.3,10,M,,M,,*54
$GPGLL,3451.4939,N,07439.0316,W,074700,A*35
$HEHDT,183.9,T*2C
$GPRMC,074700,A,3451.4939,N,07439.0316,W,4.9,180.4,060414,11.9,W*45
$GPVTG,180.4,T,192.3,M,4.9,N,9.1,K*4F
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\$GPZDA,074700,06,04,2014,00,00*49
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PORT 12000 04-06-2014 07:47:50
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PORT 5 04-06-2014 07:47:52
IN
PORT 4 04-06-2014 07:47:52
\$GPGLL,3451.4924,N,07439.0312,W,074701,A*3C
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\$GPRMC,074701,A,3451.4924,N,07439.0312,W,4.9,178.9,060414,11.9,W*46
\$GPVTG,178.9,T,190.8,M,4.9,N,9.1,K*4C
\$GPZDA,074701,06,04,2014,00,00*48
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\$GPGGA,074702,3451.4908,N,07439.0311,W,2,7,0.4,10,M,,M,,*5B
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PORT 4 04-06-2014 07:47:53
\$GPGLL,3451.4908,N,07439.0311,W,074702,A*32
\$HEHDT,185.9,T*2A
\$GPRMC,074702,A,3451.4908,N,07439.0311,W,4.9,177.6,060414,11.9,W*48
\$GPVTG,177.6,T,189.5,M,4.9,N,9.1,K*49
\$GPZDA,074702,06,04,2014,00,00*4B
\$GPGBS,074702,,,,,,,,*47
\$GPGGA,074703,3451.4902,N,07439.0316,W,2,7,0.4,9,M,,M,,*6F
\$HEHDT,186.4,T*24

PORT 4 04-06-2014 07:47:54
\$GPGLL,3451.4902,N,07439.0316,W,074703,A*3E
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\$GPVTG,177.4,T,189.3,M,4.9,N,9.1,K*4D
\$HEHDT,186.9,T*29
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\$GPGBS,074703,000.0,000.0,000.0,17,0.05,0032.0,012.5*42
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\$HEHDT,186.7,T*27

PORT 4 04-06-2014 07:47:55
\$GPGLL,3451.4890,N,07439.0316,W,074704,A*33
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\$GPVTG,178.4,T,190.3,M,4.9,N,9.1,K*4A
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\$HEHDT,186.8,T*28
\$GPGBS,074704,,,,,,,,*41
\$GPGGA,074705,3451.4875,N,07439.0316,W,2,8,0.3,10,M,,M,,*58

PORT 4 04-06-2014 07:47:56
\$HEHDT,186.8,T*28
\$GPGLL,3451.4875,N,07439.0316,W,074705,A*39
\$GPRMC,074705,A,3451.4875,N,07439.0316,W,4.8,179.4,060414,11.9,W*4E
\$GPVTG,179.4,T,191.3,M,4.8,N,8.9,K*42
\$GPZDA,074705,06,04,2014,00,00*4C
\$GPGBS,074705,,,,,,,,*40
\$GPGGA,074706,3451.4859,N,07439.0316,W,2,7,0.4,10,M,,M,,*5D
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PORT 5 04-06-2014 07:47:57
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PORT 4 04-06-2014 07:47:57
\$HEHDT,187.2,T*23

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\$GPGLL,3451.4859,N,07439.0316,W,074706,A*34
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\$GPVTG,180.3,T,192.2,M,4.8,N,8.9,K*41
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\$GPGBS,074706,,,,,,,,*43
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PORT 4 04-06-2014 07:47:58

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\$GPVTG,180.3,T,192.2,M,4.8,N,8.9,K*41
\$GPZDA,074706,06,04,2014,00,00*4F
\$GPGBS,074706,,,,,,,,*43
\$HEHDT,187.8,T*29
\$GPGGA,074707,3451.4850,N,07439.0320,W,2,7,0.4,9,M,,M,,*68
\$GPGLL,3451.4850,N,07439.0320,W,074707,A*39
\$GPRMC,074707,A,3451.4850,N,07439.0320,W,4.9,180.6,060414,11.9,w*4B
\$HEHDT,188.2,T*2C
\$GPVTG,180.6,T,192.5,M,4.9,N,9.1,K*4B
\$GPZDA,074707,06,04,2014,00,00*4E
\$GPGBS,074707,000.0,000.0,000.0,17,0.05,0026.8,012.5*4B
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PORT 4 04-06-2014 07:47:59

\$GPGLL,3451.4837,N,07439.0323,W,074708,A*34
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\$HEHDT,189.5,T*2A
\$GPVTG,181.1,T,193.0,M,5.0,N,9.3,K*43
\$GPZDA,074708,06,04,2014,00,00*41
\$GPGBS,074708,,,,,,,,*4D
\$GPGGA,074709,3451.4826,N,07439.0323,W,2,8,0.3,10,M,,M,,*54
\$HEHDT,190.1,T*26
\$GPGLL,3451.4826,N,07439.0323,W,074709,A*35
\$GPRMC,074709,A,3451.4826,N,07439.0323,W,4.9,181.7,060414,11.9,w*47
\$GPVTG,181.7,T,193.6,M,4.9,N,9.1,K*49
\$GPZDA,074709,06,04,2014,00,00*40
\$HEHDT,191.3,T*25
\$GPGBS,074709,000.0,000.0,000.0,17,0.05,0014.1,012.5*4D
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PORT 4 04-06-2014 07:48:00

\$HEHDT,192.1,T*24
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PORT 12000 04-06-2014 07:48:00

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PORT 4 04-06-2014 07:48:01

\$HEHDT,193.5,T*21
\$GPGLL,3451.4796,N,07439.0321,W,074711,A*3A
\$GPRMC,074711,A,3451.4796,N,07439.0321,W,4.8,181.4,060414,11.9,w*4A
\$GPVTG,181.4,T,193.3,M,4.8,N,8.9,K*47
\$GPZDA,074711,06,04,2014,00,00*49
\$GPGBS,074711,,,,,,,,*45

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\$HEHDT,194.4,T*27
 \$GPGBA,074712,3451.4786,N,07439.0323,W,2,7,0.4,10,M,,M,,*53
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 PORT 4 04-06-2014 07:48:02
 \$GPGLL,3451.4786,N,07439.0323,W,074712,A*3A
 \$HEHDT,195.2,T*20
 \$GPRMC,074712,A,3451.4786,N,07439.0323,W,4.8,181.1,060414,11.9,W*4F
 \$GPVTG,181.1,T,193.0,M,4.8,N,8.9,K*41
 \$GPZDA,074712,06,04,2014,00,00*4A
 \$GPGBS,074712,000.0,000.0,000.0,17,0.05,0023.1,012.5*43
 \$GPGBA,074713,3451.4778,N,07439.0327,W,2,7,0.3,10,M,,M,,*50
 \$HEHDT,195.3,T*21
 #
 PORT 4 04-06-2014 07:48:04
 \$GPGLL,3451.4778,N,07439.0327,W,074713,A*3E
 \$GPRMC,074713,A,3451.4778,N,07439.0327,W,4.8,181.4,060414,11.9,W*4E
 \$HEHDT,196.0,T*21
 \$GPVTG,181.4,T,193.3,M,4.8,N,8.9,K*47
 \$GPZDA,074713,06,04,2014,00,00*4B
 \$GPGBS,074713,000.0,000.0,000.0,17,0.05,0020.5,012.5*45
 \$GPGBA,074714,3451.4768,N,07439.0331,W,2,8,0.3,10,M,,M,,*5E
 \$HEHDT,196.1,T*20
 #
 PORT 4 04-06-2014 07:48:05
 \$GPGLL,3451.4768,N,07439.0331,W,074714,A*3F
 \$GPRMC,074714,A,3451.4768,N,07439.0331,W,4.7,182.3,060414,11.9,W*44
 \$GPVTG,182.3,T,194.2,M,4.7,N,8.7,K*44
 \$HEHDT,196.6,T*27
 \$GPZDA,074714,06,04,2014,00,00*4C
 \$GPGBS,074714,000.0,000.0,000.0,17,0.05,0016.8,012.5*4A
 \$GPGBA,074715,3451.4760,N,07439.0335,W,2,8,0.3,10,M,,M,,*53
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 PORT 4 04-06-2014 07:48:06
 \$HEHDT,197.8,T*28
 \$GPGLL,3451.4760,N,07439.0335,W,074715,A*32
 \$GPRMC,074715,A,3451.4760,N,07439.0335,W,4.6,183.6,060414,11.9,W*4C
 \$GPVTG,183.6,T,195.5,M,4.6,N,8.5,K*45
 \$GPZDA,074715,06,04,2014,00,00*4D
 \$HEHDT,198.6,T*29
 \$GPGBS,074715,000.0,000.0,000.0,17,0.05,0020.0,012.5*46
 \$GPGBA,074716,3451.4750,N,07439.0339,W,2,8,0.3,10,M,,M,,*5F
 #
 PORT 4 04-06-2014 07:48:07
 \$HEHDT,199.4,T*2A
 \$GPGLL,3451.4750,N,07439.0339,W,074716,A*3E
 \$GPRMC,074716,A,3451.4750,N,07439.0339,W,4.5,185.2,060414,11.9,W*41
 \$GPVTG,185.2,T,197.1,M,4.5,N,8.3,K*44
 \$GPZDA,074716,06,04,2014,00,00*4E
 \$GPGBS,074716,000.0,000.0,000.0,17,0.05,0017.4,012.5*45
 \$HEHDT,200.2,T*2F
 \$GPGBA,074717,3451.4739,N,07439.0343,W,2,8,0.3,10,M,,M,,*5C
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 PORT 4 04-06-2014 07:48:08
 \$GPGLL,3451.4739,N,07439.0343,W,074717,A*3D
 \$HEHDT,201.5,T*29
 \$GPRMC,074717,A,3451.4739,N,07439.0343,W,4.5,186.4,060414,11.9,W*47
 \$GPVTG,186.4,T,198.3,M,4.5,N,8.3,K*4C
 \$GPZDA,074717,06,04,2014,00,00*4F
 \$GPGBS,074717,000.0,000.0,000.0,17,0.05,0016.1,012.5*40
 \$GPGBA,074718,3451.4728,N,07439.0348,W,2,8,0.3,10,M,,M,,*58
 \$HEHDT,202.8,T*27
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 PORT 4 04-06-2014 07:48:09

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\$GPGLL,3451.4728,N,07439.0348,W,074718,A*39
\$GPRMC,074718,A,3451.4728,N,07439.0348,W,4.5,187.5,060414,11.9,W*43
\$HEHDT,203.6,T*28
\$GPVTG,187.5,T,199.4,M,4.5,N,8.3,K*4A
\$GPZDA,074718,06,04,2014,00,00*40
\$GPGBS,074718,000.0,000.0,000.0,17,0.05,0013.9,012.5*42
\$GPGGA,074719,3451.4718,N,07439.0352,W,2,8,0.3,10,M,,M,,*51
\$HEHDT,204.2,T*2B

PORT 4 04-06-2014 07:48:10
\$GPGLL,3451.4718,N,07439.0352,W,074719,A*30
\$GPRMC,074719,A,3451.4718,N,07439.0352,W,4.5,188.3,060414,11.9,W*43
\$GPVTG,188.3,T,200.2,M,4.5,N,8.3,K*46
\$HEHDT,205.5,T*2D
\$GPZDA,074719,06,04,2014,00,00*41
\$GPGBS,074719,000.0,000.0,000.0,17,0.05,0012.6,012.5*4D
\$GPGGA,074720,3451.4708,N,07439.0356,W,2,8,0.3,10,M,,M,,*5E
\$HEHDT,205.7,T*2F

PORT 4 04-06-2014 07:48:11
\$GPGLL,3451.4708,N,07439.0356,W,074720,A*3F
\$GPRMC,074720,A,3451.4708,N,07439.0356,W,4.4,189.5,060414,11.9,W*4A
\$GPVTG,189.5,T,201.4,M,4.4,N,8.1,K*45
\$GPZDA,074720,06,04,2014,00,00*4B
\$GPGBS,074720,,,,,,,,*47
\$HEHDT,206.4,T*2F
\$GPGGA,074721,3451.4696,N,07439.0363,W,2,8,0.3,10,M,,M,,*5F
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PORT 4 04-06-2014 07:48:12
\$HEHDT,206.8,T*23
\$GPGLL,3451.4696,N,07439.0363,W,074721,A*3E
\$GPRMC,074721,A,3451.4696,N,07439.0363,W,4.3,191.2,060414,11.9,W*42
\$GPVTG,191.2,T,203.1,M,4.3,N,8.0,K*4A
\$GPZDA,074721,06,04,2014,00,00*4A
\$GPGBS,074721,,,,,,,,*46
\$GPGGA,074722,3451.4684,N,07439.0368,W,2,8,0.3,10,M,,M,,*54
\$HEHDT,207.5,T*2F

PORT 4 04-06-2014 07:48:13
\$GPGLL,3451.4684,N,07439.0368,W,074722,A*35
\$HEHDT,208.2,T*27
\$GPRMC,074722,A,3451.4684,N,07439.0368,W,4.4,193.0,060414,11.9,W*4E
\$GPVTG,193.0,T,204.9,M,4.4,N,8.1,K*43
\$GPZDA,074722,06,04,2014,00,00*49
\$GPGBS,074722,,,,,,,,*45
\$GPGGA,074723,3451.4673,N,07439.0372,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,209.4,T*20

PORT 4 04-06-2014 07:48:14
\$GPGLL,3451.4673,N,07439.0372,W,074723,A*37
\$GPRMC,074723,A,3451.4673,N,07439.0372,W,4.4,194.1,060414,11.9,W*4A
\$HEHDT,210.3,T*2F
\$GPVTG,194.1,T,206.0,M,4.4,N,8.1,K*4E
\$GPZDA,074723,06,04,2014,00,00*48
\$GPGBS,074723,,,,,,,,*44
\$GPGGA,074724,3451.4662,N,07439.0378,W,2,8,0.3,11,M,,M,,*5A
\$HEHDT,211.6,T*2B
\$GPGLL,3451.4662,N,07439.0378,W,074724,A*3A
\$GPRMC,074724,A,3451.4662,N,07439.0378,W,4.4,194.6,060414,11.9,W*40
\$GPVTG,194.6,T,206.5,M,4.4,N,8.1,K*4C
\$HEHDT,212.6,T*28

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\$GPZDA,074724,06,04,2014,00,00*4F
\$GPGBS,074724,,,,,,,,*43
\$GPGGA,074725,3451.4653,N,07439.0383,W,2,8,0.3,11,M,,M,,*5D

PORT 4 04-06-2014 07:48:15
\$HEHDT,213.2,T*2D
\$GPGLL,3451.4653,N,07439.0383,W,074725,A*3D
\$GPRMC,074725,A,3451.4653,N,07439.0383,W,4.3,195.8,060414,11.9,W*4F
\$GPVTG,195.8,T,207.7,M,4.3,N,8.0,K*46
\$GPZDA,074725,06,04,2014,00,00*4E
\$HEHDT,214.5,T*2D
\$GPGBS,074725,,,,,,,,*42
\$GPGGA,074726,3451.4643,N,07439.0392,W,2,8,0.3,11,M,,M,,*5F

PORT 4 04-06-2014 07:48:16
\$HEHDT,215.0,T*29
\$GPGLL,3451.4643,N,07439.0392,W,074726,A*3F
\$GPRMC,074726,A,3451.4643,N,07439.0392,W,4.2,197.8,060414,11.9,W*4E
\$GPVTG,197.8,T,209.7,M,4.2,N,7.8,K*4C
\$GPZDA,074726,06,04,2014,00,00*4D
\$GPGBS,074726,,,,,,,,*41
\$GPGGA,074727,3451.4633,N,07439.0399,W,2,8,0.3,11,M,,M,,*52
\$HEHDT,216.5,T*2F

PORT 4 04-06-2014 07:48:17
\$GPGLL,3451.4633,N,07439.0399,W,074727,A*32
\$HEHDT,216.4,T*2E
\$GPRMC,074727,A,3451.4633,N,07439.0399,W,4.2,200.2,060414,11.9,W*44
\$GPVTG,200.2,T,212.1,M,4.2,N,7.8,K*47
\$GPZDA,074727,06,04,2014,00,00*4C
\$GPGBS,074727,,,,,,,,*40
\$GPGGA,074728,3451.4622,N,07439.0404,W,2,8,0.3,11,M,,M,,*5E
\$HEHDT,217.4,T*2F

PORT 4 04-06-2014 07:48:18
\$GPGLL,3451.4622,N,07439.0404,W,074728,A*3E
\$GPRMC,074728,A,3451.4622,N,07439.0404,W,4.1,202.3,060414,11.9,W*48
\$HEHDT,218.6,T*22
\$GPVTG,202.3,T,214.2,M,4.1,N,7.6,K*4C
\$GPZDA,074728,06,04,2014,00,00*43
\$GPGBS,074728,,,,,,,,*4F
\$GPGGA,074729,3451.4612,N,07439.0410,W,2,8,0.3,11,M,,M,,*59
\$HEHDT,219.4,T*21

PORT 4 04-06-2014 07:48:19
\$GPGLL,3451.4612,N,07439.0410,W,074729,A*39
\$GPRMC,074729,A,3451.4612,N,07439.0410,W,4.1,203.4,060414,11.9,W*49
\$GPVTG,203.4,T,215.3,M,4.1,N,7.6,K*4A
\$HEHDT,220.3,T*2C
\$GPZDA,074729,06,04,2014,00,00*42
\$GPGBS,074729,,,,,,,,*4E
\$GPGGA,074730,3451.4604,N,07439.0417,W,2,8,0.3,11,M,,M,,*51

PORT 4 04-06-2014 07:48:20
\$HEHDT,221.9,T*27
\$GPGLL,3451.4604,N,07439.0417,W,074730,A*31
\$GPRMC,074730,A,3451.4604,N,07439.0417,W,4.0,204.2,060414,11.9,W*41
\$GPVTG,204.2,T,216.1,M,4.0,N,7.4,K*49
\$GPZDA,074730,06,04,2014,00,00*4A
\$HEHDT,222.6,T*2B
\$GPGBS,074730,,,,,,,,*46
\$GPGGA,074731,3451.4596,N,07439.0425,W,2,8,0.3,11,M,,M,,*59
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PORT 4 04-06-2014 07:48:21

\$HEHDT,223.5,T*29

\$GPGLL,3451.4596,N,07439.0425,W,074731,A*39

\$GPRMC,074731,A,3451.4596,N,07439.0425,W,3.9,205.5,060414,11.9,W*41

\$GPVTG,205.5,T,217.4,M,3.9,N,7.2,K*43

\$GPZDA,074731,06,04,2014,00,00*4B

\$GPGBS,074731,,,,,,,,*47

\$GPGGA,074732,3451.4588,N,07439.0435,W,2,8,0.3,11,M,,M,,*54

\$HEHDT,224.5,T*2E

#

PORT 4 04-06-2014 07:48:22

\$GPGLL,3451.4588,N,07439.0435,W,074732,A*34

\$HEHDT,224.7,T*2C

\$GPRMC,074732,A,3451.4588,N,07439.0435,W,3.9,207.8,060414,11.9,W*43

\$GPVTG,207.8,T,219.7,M,3.9,N,7.2,K*41

\$GPZDA,074732,06,04,2014,00,00*48

\$GPGBS,074732,,,,,,,,*44

\$GPGGA,074733,3451.4579,N,07439.0443,W,2,8,0.3,11,M,,M,,*5A

\$HEHDT,225.9,T*23

#

PORT 4 04-06-2014 07:48:23

\$GPGLL,3451.4579,N,07439.0443,W,074733,A*3A

\$GPRMC,074733,A,3451.4579,N,07439.0443,W,3.9,210.5,060414,11.9,W*46

\$HEHDT,227.1,T*29

\$GPVTG,210.5,T,222.4,M,3.9,N,7.2,K*41

\$GPZDA,074733,06,04,2014,00,00*49

\$GPGBS,074733,,,,,,,,*45

\$GPGGA,074734,3451.4570,N,07439.0453,W,2,8,0.3,11,M,,M,,*55

\$HEHDT,228.2,T*25

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PORT 4 04-06-2014 07:48:24

\$GPGLL,3451.4570,N,07439.0453,W,074734,A*35

\$GPRMC,074734,A,3451.4570,N,07439.0453,W,3.9,212.7,060414,11.9,W*49

\$HEHDT,229.2,T*24

\$GPVTG,212.7,T,224.6,M,3.9,N,7.2,K*45

\$GPZDA,074734,06,04,2014,00,00*4E

\$GPGBS,074734,,,,,,,,*42

\$GPGGA,074735,3451.4563,N,07439.0460,W,2,8,0.3,11,M,,M,,*56

\$HEHDT,230.1,T*2F

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PORT 4 04-06-2014 07:48:26

\$GPGLL,3451.4563,N,07439.0460,W,074735,A*36

\$GPRMC,074735,A,3451.4563,N,07439.0460,W,3.9,213.9,060414,11.9,W*45

\$GPVTG,213.9,T,225.8,M,3.9,N,7.2,K*45

\$HEHDT,231.4,T*2B

\$GPZDA,074735,06,04,2014,00,00*4F

\$GPGBS,074735,,,,,,,,*43

\$GPGGA,074736,3451.4556,N,07439.0468,W,2,8,0.3,11,M,,M,,*5B

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PORT 4 04-06-2014 07:48:27

\$HEHDT,232.1,T*2D

\$GPGLL,3451.4556,N,07439.0468,W,074736,A*3B

\$GPRMC,074736,A,3451.4556,N,07439.0468,W,3.8,214.9,060414,11.9,W*4E

\$GPVTG,214.9,T,226.8,M,3.8,N,7.0,K*42

\$GPZDA,074736,06,04,2014,00,00*4C

\$HEHDT,233.2,T*2F

\$GPGBS,074736,,,,,,,,*40

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PORT 4 04-06-2014 07:48:28

\$GPGLL,3451.4548,N,07439.0479,W,074737,A*35

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\$HEHDT,233.9,T*24
\$GPRMC,074737,A,3451.4548,N,07439.0479,W,3.8,216.4,060414,11.9,W*4F
\$GPVTG,216.4,T,228.3,M,3.8,N,7.0,K*48
\$GPZDA,074737,06,04,2014,00,00*4D
\$GPGBS,074737,,,,,,,,*41
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\$HEHDT,234.9,T*23

PORT 4 04-06-2014 07:48:29
\$GPGLL,3451.4541,N,07439.0490,W,074738,A*34
\$GPRMC,074738,A,3451.4541,N,07439.0490,W,3.8,219.0,060414,11.9,W*45
\$HEHDT,235.8,T*23
\$GPVTG,219.0,T,230.9,M,3.8,N,7.0,K*40
\$GPZDA,074738,06,04,2014,00,00*42
\$GPGBS,074738,,,,,,,,*4E
\$GPGGA,074739,3451.4534,N,07439.0500,W,2,8,0.3,11,M,,M,,*5F
\$HEHDT,236.5,T*2D

PORT 4 04-06-2014 07:48:30
\$GPGLL,3451.4534,N,07439.0500,W,074739,A*3F
\$GPRMC,074739,A,3451.4534,N,07439.0500,W,3.9,221.8,060414,11.9,W*4C
\$HEHDT,238.0,T*26
\$GPVTG,221.8,T,233.7,M,3.9,N,7.2,K*4D
\$GPZDA,074739,06,04,2014,00,00*43
\$GPGBS,074739,,,,,,,,*4F
\$GPGGA,074740,3451.4529,N,07439.0509,W,2,8,0.3,11,M,,M,,*54
\$HEHDT,238.4,T*22

PORT 4 04-06-2014 07:48:31
\$GPGLL,3451.4529,N,07439.0509,W,074740,A*34
\$GPRMC,074740,A,3451.4529,N,07439.0509,W,3.8,223.5,060414,11.9,W*49
\$HEHDT,239.8,T*2F
\$GPVTG,223.5,T,235.4,M,3.8,N,7.0,K*44
\$GPZDA,074740,06,04,2014,00,00*4D
\$GPGBS,074740,,,,,,,,*41
\$GPGGA,074741,3451.4523,N,07439.0519,W,2,8,0.3,11,M,,M,,*5E
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PORT 12000 04-06-2014 07:48:31
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PORT 4 04-06-2014 07:48:32
\$GPGLL,3451.4523,N,07439.0519,W,074741,A*3E
\$GPRMC,074741,A,3451.4523,N,07439.0519,W,3.8,224.7,060414,11.9,W*46
\$GPVTG,224.7,T,236.6,M,3.8,N,7.0,K*40
\$GPZDA,074741,06,04,2014,00,00*4C
\$HEHDT,241.6,T*2E
\$GPGBS,074741,,,,,,,,*40
\$GPGGA,074742,3451.4519,N,07439.0529,W,2,8,0.3,11,M,,M,,*57
\$HEHDT,242.2,T*29
\$GPGLL,3451.4519,N,07439.0529,W,074742,A*37
\$GPRMC,074742,A,3451.4519,N,07439.0529,W,3.7,226.6,060414,11.9,W*43
\$GPVTG,226.6,T,238.5,M,3.7,N,6.9,K*49
\$GPZDA,074742,06,04,2014,00,00*4F
\$GPGBS,074742,,,,,,,,*43
\$GPGGA,074743,3451.4515,N,07439.0541,W,2,8,0.3,11,M,,M,,*54
\$HEHDT,243.7,T*2D

PORT 4 04-06-2014 07:48:33
\$HEHDT,244.3,T*2E
\$GPGLL,3451.4515,N,07439.0541,W,074743,A*34
\$GPRMC,074743,A,3451.4515,N,07439.0541,W,3.7,229.2,060414,11.9,W*4B
\$GPVTG,229.2,T,241.1,M,3.7,N,6.9,K*48
\$GPZDA,074743,06,04,2014,00,00*4E

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$GPGBS,074743,,,,,,,,*42
$GPGGA,074744,3451.4511,N,07439.0552,W,2,8,0.3,11,M,,M,,*55
$HEHDT,245.5,T*29
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PORT 4 04-06-2014 07:48:34
$GPGLL,3451.4511,N,07439.0552,W,074744,A*35
$GPRMC,074744,A,3451.4511,N,07439.0552,W,3.6,232.1,060414,11.9,W*42
$HEHDT,246.4,T*2B
$GPVTG,232.1,T,244.0,M,3.6,N,6.7,K*4A
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PORT 4 04-06-2014 07:48:36
$GPGLL,3451.4507,N,07439.0562,W,074745,A*30
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$GPVTG,234.6,T,246.5,M,3.6,N,6.7,K*4C
$GPZDA,074745,06,04,2014,00,00*48
$GPGBS,074745,,,,,,,,*44
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PORT 4 04-06-2014 07:48:37
$GPGLL,3451.4507,N,07439.0573,W,074746,A*33
$GPRMC,074746,A,3451.4507,N,07439.0573,W,3.6,236.6,060414,11.9,W*47
$GPVTG,236.6,T,248.5,M,3.6,N,6.7,K*40
$GPZDA,074746,06,04,2014,00,00*4B
$HEHDT,250.3,T*2B
$GPGBS,074746,007.8,001.2,007.6,05,0.05,0021.8,012.5*47
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PORT 4 04-06-2014 07:48:38
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$GPRMC,074747,A,3451.4502,N,07439.0583,W,3.5,238.2,060414,11.9,W*45
$GPVTG,238.2,T,250.1,M,3.5,N,6.5,K*46
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$HEHDT,252.5,T*2F
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$GPGLL,3451.4498,N,07439.0595,W,074748,A*32
$GPRMC,074748,A,3451.4498,N,07439.0595,W,3.5,239.8,060414,11.9,W*44
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PORT 4 04-06-2014 07:48:40
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$GPVTG,241.2,T,253.1,M,3.6,N,6.7,K*4A
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$GPGBS,074749,,,,,,,,*48
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PORT 4 04-06-2014 07:48:41
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PORT 4 04-06-2014 07:48:42
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\$HEHDT,259.0,T*21
\$GPVTG,246.2,T,258.1,M,3.6,N,6.7,K*46
\$GPZDA,074751,06,04,2014,00,00*4D
\$GPGBS,074751,,,,,*41
\$GPGGA,074752,3451.4495,N,07439.0642,W,2,7,0.4,10,M,,M,,*54
\$HEHDT,259.5,T*24

PORT 4 04-06-2014 07:48:43
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\$HEHDT,260.4,T*2F
\$GPZDA,074752,06,04,2014,00,00*4E
\$GPGBS,074752,006.3,001.0,006.3,05,0.05,0025.8,012.5*4A
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\$HEHDT,260.9,T*22

PORT 4 04-06-2014 07:48:45
\$GPGLL,3451.4493,N,07439.0654,W,074753,A*3D
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\$GPVTG,250.9,T,262.8,M,3.6,N,6.7,K*4A
\$GPZDA,074753,06,04,2014,00,00*4F
\$GPGBS,074753,005.8,001.4,007.3,05,0.05,0027.9,012.5*45
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\$GPGGA,074754,3451.4496,N,07439.0666,W,2,8,0.3,10,M,,M,,*5F
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\$GPGLL,3451.4496,N,07439.0666,W,074754,A*3E
\$GPRMC,074754,A,3451.4496,N,07439.0666,W,3.6,252.2,060414,11.9,w*4C
\$GPVTG,252.2,T,264.1,M,3.6,N,6.7,K*4C
\$GPZDA,074754,06,04,2014,00,00*48
\$GPGBS,074754,007.4,002.5,009.2,05,0.05,0020.0,012.5*4F
\$GPGGA,074755,3451.4499,N,07439.0677,W,2,8,0.3,10,M,,M,,*51
\$HEHDT,263.9,T*21

PORT 4 04-06-2014 07:48:46
\$GPGLL,3451.4499,N,07439.0677,W,074755,A*30
\$HEHDT,265.6,T*28
\$GPRMC,074755,A,3451.4499,N,07439.0677,W,3.6,254.2,060414,11.9,w*44
\$GPVTG,254.2,T,266.1,M,3.6,N,6.7,K*48
\$GPZDA,074755,06,04,2014,00,00*49
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PORT 4 04-06-2014 07:48:47
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\$HEHDT,267.9,T*25
\$GPVTG,257.4,T,269.3,M,3.6,N,6.7,K*40
\$GPZDA,074756,06,04,2014,00,00*4A

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\$GPGBS,074756,010.7,002.5,013.3,05,0.05,0034.2,012.5*45
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\$HEHDT,268.9,T*2A

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PORT 4 04-06-2014 07:48:48

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\$GPRMC,074757,A,3451.4506,N,07439.0700,W,3.6,260.1,060414,11.9,W*44
\$HEHDT,269.3,T*21
\$GPVTG,260.1,T,272.0,M,3.6,N,6.7,K*48
\$GPZDA,074757,06,04,2014,00,00*4B
\$GPGBS,074757,011.3,002.8,015.3,05,0.05,0032.6,012.5*48
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PORT 4 04-06-2014 07:48:49

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\$GPVTG,261.5,T,273.4,M,3.6,N,6.7,K*48
\$GPZDA,074758,06,04,2014,00,00*44
\$HEHDT,270.5,T*2F
\$GPGBS,074758,009.3,002.4,011.5,05,0.05,0029.7,012.5*4B
\$GPGGA,074759,3451.4510,N,07439.0722,W,2,8,0.3,9,M,,M,,*64

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PORT 4 04-06-2014 07:48:50

\$GPGLL,3451.4510,N,07439.0722,W,074759,A*3D
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\$GPRMC,074759,A,3451.4510,N,07439.0722,W,3.6,261.5,060414,11.9,W*48
\$GPVTG,261.5,T,273.4,M,3.6,N,6.7,K*48
\$GPZDA,074759,06,04,2014,00,00*45
\$GPGBS,074759,011.8,002.1,013.0,05,0.05,0029.4,012.5*49
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\$HEHDT,271.8,T*23

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PORT 4 04-06-2014 07:48:51

\$GPGLL,3451.4508,N,07439.0735,W,074800,A*31
\$GPRMC,074800,A,3451.4508,N,07439.0735,W,3.6,262.6,060414,11.9,W*44
\$HEHDT,272.6,T*2E
\$GPVTG,262.6,T,274.5,M,3.6,N,6.7,K*4E
\$GPZDA,074800,06,04,2014,00,00*46
\$GPGBS,074800,,,,,,*4A
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\$GPVTG,265.8,T,277.7,M,3.6,N,6.7,K*46
\$HEHDT,275.1,T*2E
\$GPZDA,074801,06,04,2014,00,00*47
\$GPGBS,074801,,,,,,*4B
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\$HEHDT,277.8,T*25
\$GPGBS,074802,,,,,,*48
\$GPGGA,074803,3451.4510,N,07439.0775,W,2,8,0.3,8,M,,M,,*67

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\$HEHDT,278.9,T*2B
\$GPGLL,3451.4510,N,07439.0775,W,074803,A*3F
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\$GPVTG,273.9,T,285.8,M,3.6,N,6.7,K*42
\$GPZDA,074803,06,04,2014,00,00*45
\$GPGBS,074803,,,,,,,,*49
\$GPGGA,074804,3451.4508,N,07439.0786,W,2,8,0.3,8,M,,M,,*65
\$HEHDT,279.5,T*26

PORT 4 04-06-2014 07:48:54
\$HEHDT,280.5,T*20
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\$GPVTG,275.0,T,286.9,M,3.6,N,6.7,K*4F
\$GPZDA,074804,06,04,2014,00,00*42
\$GPGBS,074804,,,,,,,,*4E
\$GPGGA,074805,3451.4507,N,07439.0800,W,2,8,0.3,7,M,,M,,*65
\$HEHDT,281.0,T*24

PORT 4 04-06-2014 07:48:55
\$GPGLL,3451.4507,N,07439.0800,W,074805,A*32
\$GPRMC,074805,A,3451.4507,N,07439.0800,W,3.6,274.6,060414,11.9,W*40
\$HEHDT,281.9,T*2D
\$GPVTG,274.6,T,286.5,M,3.6,N,6.7,K*44
\$GPZDA,074805,06,04,2014,00,00*43
\$GPGBS,074805,,,,,,,,*4F
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\$HEHDT,282.9,T*2E

PORT 4 04-06-2014 07:48:56
\$GPGLL,3451.4510,N,07439.0814,W,074806,A*32
\$GPRMC,074806,A,3451.4510,N,07439.0814,W,3.6,274.3,060414,11.9,W*45
\$HEHDT,283.9,T*2F
\$GPVTG,274.3,T,286.2,M,3.6,N,6.7,K*46
\$GPZDA,074806,06,04,2014,00,00*40
\$GPGBS,074806,,,,,,,,*4C
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\$HEHDT,284.9,T*28

PORT 4 04-06-2014 07:48:58
\$GPGLL,3451.4514,N,07439.0826,W,074807,A*36
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\$GPVTG,275.8,T,287.7,M,3.7,N,6.9,K*47
\$GPZDA,074807,06,04,2014,00,00*41
\$HEHDT,286.0,T*23
\$GPGBS,074807,,,,,,,,*4D
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PORT 4 04-06-2014 07:48:59
\$HEHDT,286.7,T*24
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\$GPRMC,074808,A,3451.4518,N,07439.0838,W,3.8,279.1,060414,11.9,W*4C
\$GPVTG,279.1,T,291.0,M,3.8,N,7.0,K*45
\$GPZDA,074808,06,04,2014,00,00*4E
\$GPGBS,074808,,,,,,,,*42
\$HEHDT,287.9,T*2B
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PORT 4 04-06-2014 07:49:00
\$HEHDT,289.0,T*2C
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\$GPVTG,282.5,T,294.4,M,3.8,N,7.0,K*44

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\$GPZDA,074809,06,04,2014,00,00*4F
\$GPGBS,074809,,,,,,,,*43
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\$HEHDT,289.3,T*2F

PORT 4 04-06-2014 07:49:01
\$GPGLL,3451.4527,N,07439.0861,W,074810,A*33
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\$HEHDT,290.6,T*22
\$GPVTG,285.4,T,297.3,M,3.8,N,7.0,K*46
\$GPZDA,074810,06,04,2014,00,00*47
\$GPGBS,074810,,,,,,,,*4B
\$GPGGA,074811,3451.4531,N,07439.0870,W,2,8,0.3,7,M,,M,,*62
\$HEHDT,291.5,T*20
PORT 12000 04-06-2014 07:49:01
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PORT 4 04-06-2014 07:49:02
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\$HEHDT,292.2,T*24
\$GPRMC,074811,A,3451.4531,N,07439.0870,W,3.8,287.5,060414,11.9,W*46
\$GPVTG,287.5,T,299.4,M,3.8,N,7.0,K*4C
\$GPZDA,074811,06,04,2014,00,00*46
\$GPGBS,074811,,,,,,,,*4A
\$GPGGA,074812,3451.4535,N,07439.0881,W,2,8,0.3,7,M,,M,,*6B
\$HEHDT,293.0,T*27

PORT 4 04-06-2014 07:49:03
\$GPGLL,3451.4535,N,07439.0881,W,074812,A*3C
\$GPRMC,074812,A,3451.4535,N,07439.0881,W,3.7,290.2,060414,11.9,W*41
\$HEHDT,293.7,T*20
\$GPVTG,290.2,T,302.1,M,3.7,N,6.9,K*4C
\$GPZDA,074812,06,04,2014,00,00*45
\$GPGBS,074812,,,,,,,,*49
\$GPGGA,074813,3451.4540,N,07439.0891,W,2,8,0.3,7,M,,M,,*69
\$HEHDT,294.4,T*24

PORT 4 04-06-2014 07:49:04
\$GPGLL,3451.4540,N,07439.0891,W,074813,A*3E
\$GPRMC,074813,A,3451.4540,N,07439.0891,W,3.7,290.2,060414,11.9,W*43
\$GPVTG,290.2,T,302.1,M,3.7,N,6.9,K*4C
\$GPZDA,074813,06,04,2014,00,00*44
\$GPGBS,074813,,,,,,,,*48
\$HEHDT,295.5,T*24
\$GPGGA,074814,3451.4547,N,07439.0901,W,2,7,0.3,7,M,,M,,*6E
\$HEHDT,296.6,T*24

PORT 4 04-06-2014 07:49:05
\$GPGLL,3451.4547,N,07439.0901,W,074814,A*36
\$GPRMC,074814,A,3451.4547,N,07439.0901,W,3.7,291.9,060414,11.9,W*41
\$GPVTG,291.9,T,303.8,M,3.7,N,6.9,K*4E
\$GPZDA,074814,06,04,2014,00,00*43
\$HEHDT,298.2,T*2E
\$GPGBS,074814,,,,,,,,*4F
\$GPGGA,074815,3451.4554,N,07439.0908,W,2,7,0.3,7,M,,M,,*64
\$HEHDT,299.3,T*2E

PORT 4 04-06-2014 07:49:06
\$GPGLL,3451.4554,N,07439.0908,W,074815,A*3C
\$GPRMC,074815,A,3451.4554,N,07439.0908,W,3.7,295.6,060414,11.9,W*40
\$GPVTG,295.6,T,307.5,M,3.7,N,6.9,K*4C
\$GPZDA,074815,06,04,2014,00,00*42
\$GPGBS,074815,002.3,006.1,004.5,12,0.05,0024.0,012.5*4F

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\$HEHDT,300.6,T*2A
\$GPGGA,074816,3451.4561,N,07439.0916,W,2,8,0.3,7,M,,M,,*61
\$GPGLL,3451.4561,N,07439.0916,W,074816,A*36
\$GPRMC,074816,A,3451.4561,N,07439.0916,W,3.8,296.3,060414,11.9,W*43
\$HEHDT,301.8,T*25
\$GPVTG,296.3,T,308.2,M,3.8,N,7.0,K*45
\$GPZDA,074816,06,04,2014,00,00*41
\$GPGBS,074816,002.7,005.2,002.2,12,0.05,0024.8,012.5*41
\$GPGGA,074817,3451.4567,N,07439.0927,W,2,8,0.3,7,M,,M,,*64

PORT 4 04-06-2014 07:49:07
\$HEHDT,302.6,T*28
\$GPGLL,3451.4567,N,07439.0927,W,074817,A*33
\$GPRMC,074817,A,3451.4567,N,07439.0927,W,3.8,296.3,060414,11.9,W*46
\$HEHDT,303.4,T*2B
\$GPVTG,296.3,T,308.2,M,3.8,N,7.0,K*45
\$GPZDA,074817,06,04,2014,00,00*40
\$GPGBS,074817,,,,,,*4C
\$GPGGA,074818,3451.4574,N,07439.0938,W,2,7,0.3,7,M,,M,,*68

PORT 4 04-06-2014 07:49:08
\$HEHDT,303.8,T*27
\$GPGLL,3451.4574,N,07439.0938,W,074818,A*30
\$GPRMC,074818,A,3451.4574,N,07439.0938,W,3.8,297.6,060414,11.9,W*41
\$GPVTG,297.6,T,309.5,M,3.8,N,7.0,K*47
\$GPZDA,074818,06,04,2014,00,00*4F
\$HEHDT,304.3,T*2B
\$GPGBS,074818,,,,,,*43
\$GPGGA,074819,3451.4581,N,07439.0948,W,2,7,0.3,7,M,,M,,*64

PORT 4 04-06-2014 07:49:09
\$HEHDT,304.4,T*2C
\$GPGLL,3451.4581,N,07439.0948,W,074819,A*3C
\$GPRMC,074819,A,3451.4581,N,07439.0948,W,3.8,299.7,060414,11.9,W*42
\$GPVTG,299.7,T,311.6,M,3.8,N,7.0,K*42
\$GPZDA,074819,06,04,2014,00,00*4E
\$HEHDT,304.6,T*2E
\$GPGBS,074819,,,,,,*42
\$GPGGA,074820,3451.4589,N,07439.0959,W,2,7,0.3,7,M,,M,,*66

PORT 4 04-06-2014 07:49:11
\$HEHDT,305.5,T*2C
\$GPGLL,3451.4589,N,07439.0959,W,074820,A*3E
\$GPRMC,074820,A,3451.4589,N,07439.0959,W,3.9,303.8,060414,11.9,W*4C
\$GPVTG,303.8,T,315.7,M,3.9,N,7.2,K*49
\$GPZDA,074820,06,04,2014,00,00*44
\$GPGBS,074820,,,,,,*48
\$HEHDT,306.6,T*2C
\$GPGGA,074821,3451.4599,N,07439.0966,W,2,7,0.3,7,M,,M,,*6A
PORT 12000 04-06-2014 07:49:11
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PORT 4 04-06-2014 07:49:12
\$HEHDT,307.3,T*28
\$GPGLL,3451.4599,N,07439.0966,W,074821,A*32
\$GPRMC,074821,A,3451.4599,N,07439.0966,W,3.9,306.1,060414,11.9,W*4C
\$GPVTG,306.1,T,318.0,M,3.9,N,7.2,K*4F
\$GPZDA,074821,06,04,2014,00,00*45
\$GPGBS,074821,001.7,004.7,003.9,12,0.05,0018.7,012.5*48
\$HEHDT,308.6,T*22
\$GPGGA,074822,3451.4608,N,07439.0975,W,2,8,0.3,7,M,,M,,*6F

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\$GPGLL,3451.4608,N,07439.0975,W,074822,A*38
\$GPRMC,074822,A,3451.4608,N,07439.0975,W,4.0,309.0,060414,11.9,W*46
\$GPVTG,309.0,T,320.9,M,4.0,N,7.4,K*4B
\$HEHDT,309.8,T*2D
\$GPZDA,074822,06,04,2014,00,00*46
\$GPGBS,074822,000.9,001.7,000.8,12,0.05,0011.8,012.5*45
\$GPGGA,074823,3451.4617,N,07439.0984,W,2,8,0.3,7,M,,M,,*6E
\$HEHDT,309.9,T*2C

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PORT 4 04-06-2014 07:49:14

\$GPGLL,3451.4617,N,07439.0984,W,074823,A*39
\$GPRMC,074823,A,3451.4617,N,07439.0984,W,4.0,309.0,060414,11.9,W*47
\$HEHDT,310.8,T*25
\$GPVTG,309.0,T,320.9,M,4.0,N,7.4,K*4B
\$GPZDA,074823,06,04,2014,00,00*47
\$GPGBS,074823,,,,,,*4B
\$GPGGA,074824,3451.4626,N,07439.0992,W,2,7,0.3,7,M,,M,,*63
\$HEHDT,311.1,T*2D

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PORT 4 04-06-2014 07:49:15

\$GPGLL,3451.4626,N,07439.0992,W,074824,A*3B
\$GPRMC,074824,A,3451.4626,N,07439.0992,W,4.0,311.3,060414,11.9,W*4F
\$GPVTG,311.3,T,323.2,M,4.0,N,7.4,K*49
\$HEHDT,311.5,T*29
\$GPZDA,074824,06,04,2014,00,00*40
\$GPGBS,074824,002.7,004.7,001.6,12,0.05,0033.9,012.5*44
\$GPGGA,074825,3451.4633,N,07439.1003,W,2,7,0.3,7,M,,M,,*66

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PORT 4 04-06-2014 07:49:16

\$HEHDT,311.5,T*29
\$GPGLL,3451.4633,N,07439.1003,W,074825,A*3E
\$GPRMC,074825,A,3451.4633,N,07439.1003,W,4.0,311.0,060414,11.9,W*49
\$GPVTG,311.0,T,322.9,M,4.0,N,7.4,K*40
\$GPZDA,074825,06,04,2014,00,00*41
\$HEHDT,311.6,T*2A
\$GPGBS,074825,001.5,002.7,000.8,12,0.05,0012.0,012.5*47
\$GPGGA,074826,3451.4641,N,07439.1011,W,2,8,0.3,7,M,,M,,*6C

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PORT 4 04-06-2014 07:49:17

\$HEHDT,312.2,T*2D
\$GPGLL,3451.4641,N,07439.1011,W,074826,A*3B
\$GPRMC,074826,A,3451.4641,N,07439.1011,W,4.1,311.2,060414,11.9,W*4F
\$GPVTG,311.2,T,323.1,M,4.1,N,7.6,K*48
\$GPZDA,074826,06,04,2014,00,00*42
\$GPGBS,074826,002.1,003.7,001.2,12,0.05,0026.8,012.5*46
\$HEHDT,313.3,T*2D
\$GPGGA,074827,3451.4652,N,07439.1018,W,2,8,0.3,7,M,,M,,*66

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PORT 4 04-06-2014 07:49:18

\$GPGLL,3451.4652,N,07439.1018,W,074827,A*31
\$HEHDT,313.9,T*27
\$GPRMC,074827,A,3451.4652,N,07439.1018,W,4.2,312.5,060414,11.9,W*42
\$GPVTG,312.5,T,324.4,M,4.2,N,7.8,K*43
\$GPZDA,074827,06,04,2014,00,00*43
\$GPGBS,074827,003.8,005.8,002.3,12,0.05,0027.6,012.5*4B
\$GPGGA,074828,3451.4662,N,07439.1026,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,314.2,T*2B

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PORT 4 04-06-2014 07:49:19

\$GPGLL,3451.4662,N,07439.1026,W,074828,A*30
\$GPRMC,074828,A,3451.4662,N,07439.1026,W,4.2,314.7,060414,11.9,W*47
\$HEHDT,314.2,T*2B
\$GPVTG,314.7,T,326.6,M,4.2,N,7.8,K*47

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\$GPZDA,074828,06,04,2014,00,00*4C
\$GPGBS,074828,001.7,003.0,000.9,12,0.05,0021.1,012.5*4E
\$GPGGA,074829,3451.4673,N,07439.1033,W,2,8,0.3,7,M,,M,,*62
\$HEHDT,314.5,T*2C

PORT 4 04-06-2014 07:49:20
\$GPGLL,3451.4673,N,07439.1033,W,074829,A*35
\$GPRMC,074829,A,3451.4673,N,07439.1033,W,4.2,314.7,060414,11.9,W*42
\$GPVTG,314.7,T,326.6,M,4.2,N,7.8,K*47
\$HEHDT,314.4,T*2D
\$GPZDA,074829,06,04,2014,00,00*4D
\$GPGBS,074829,,,,,,*41
\$GPGGA,074830,3451.4682,N,07439.1042,W,2,7,0.3,7,M,,M,,*6D
\$HEHDT,315.2,T*2A

PORT 4 04-06-2014 07:49:21
\$GPGLL,3451.4682,N,07439.1042,W,074830,A*35
\$GPRMC,074830,A,3451.4682,N,07439.1042,W,4.2,317.6,060414,11.9,W*40
\$GPVTG,317.6,T,329.5,M,4.2,N,7.8,K*49
\$GPZDA,074830,06,04,2014,00,00*45
\$GPGBS,074830,,,,,,*49
\$HEHDT,315.4,T*2C
\$GPGGA,074831,3451.4691,N,07439.1051,W,2,7,0.3,7,M,,M,,*6C
\$HEHDT,316.0,T*2B
\$GPGLL,3451.4691,N,07439.1051,W,074831,A*34
\$GPRMC,074831,A,3451.4691,N,07439.1051,W,4.2,320.8,060414,11.9,W*4B
\$GPVTG,320.8,T,332.7,M,4.2,N,7.8,K*4B
\$GPZDA,074831,06,04,2014,00,00*44
\$GPGBS,074831,,,,,,*48
\$GPGGA,074832,3451.4701,N,07439.1062,W,2,7,0.3,7,M,,M,,*67
\$HEHDT,316.4,T*2F
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PORT 5 04-06-2014 07:49:23
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PORT 4 04-06-2014 07:49:23
\$GPGLL,3451.4701,N,07439.1062,W,074832,A*3F
\$HEHDT,317.1,T*2B
\$GPRMC,074832,A,3451.4701,N,07439.1062,W,4.2,321.0,060414,11.9,W*49
\$GPVTG,321.0,T,332.9,M,4.2,N,7.8,K*4C
\$GPZDA,074832,06,04,2014,00,00*47
\$GPGBS,074832,,,,,,*4B
\$GPGGA,074833,3451.4711,N,07439.1071,W,2,7,0.3,7,M,,M,,*65
\$HEHDT,317.0,T*2A

PORT 4 04-06-2014 07:49:24
\$GPGLL,3451.4711,N,07439.1071,W,074833,A*3D
\$GPRMC,074833,A,3451.4711,N,07439.1071,W,4.2,321.0,060414,11.9,W*4B
\$HEHDT,316.9,T*22
\$GPVTG,321.0,T,332.9,M,4.2,N,7.8,K*4C
\$GPZDA,074833,06,04,2014,00,00*46
\$GPGBS,074833,,,,,,*4A
\$GPGGA,074834,3451.4720,N,07439.1080,W,2,8,0.3,7,M,,M,,*61
\$HEHDT,316.8,T*23

PORT 4 04-06-2014 07:49:25
\$GPGLL,3451.4720,N,07439.1080,W,074834,A*36
\$GPRMC,074834,A,3451.4720,N,07439.1080,W,4.3,321.5,060414,11.9,W*44
\$GPVTG,321.5,T,333.4,M,4.3,N,8.0,K*43
\$HEHDT,316.4,T*2F
\$GPZDA,074834,06,04,2014,00,00*41
\$GPGBS,074834,,,,,,*4D

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\$GPGGA,074835,3451.4730,N,07439.1089,W,2,8,0.3,7,M,,M,,*68
\$HEHDT,316.6,T*2D

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PORT 4 04-06-2014 07:49:26

\$GPGLL,3451.4730,N,07439.1089,W,074835,A*3F
\$GPRMC,074835,A,3451.4730,N,07439.1089,W,4.3,321.5,060414,11.9,W*4D
\$GPVTG,321.5,T,333.4,M,4.3,N,8.0,K*43
\$GPZDA,074835,06,04,2014,00,00*40
\$HEHDT,316.2,T*29
\$GPGBS,074835,,,,,,,,*4C
\$GPGGA,074836,3451.4741,N,07439.1100,W,2,8,0.3,7,M,,M,,*6D
\$HEHDT,316.0,T*2B

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PORT 5 04-06-2014 07:49:28

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PORT 4 04-06-2014 07:49:28

\$GPGLL,3451.4741,N,07439.1100,W,074836,A*3A
\$GPRMC,074836,A,3451.4741,N,07439.1100,W,4.4,321.6,060414,11.9,W*4C
\$GPVTG,321.6,T,333.5,M,4.4,N,8.1,K*47
\$GPZDA,074836,06,04,2014,00,00*43
\$GPGBS,074836,,,,,,,,*4F
\$HEHDT,316.4,T*2F
\$GPGGA,074837,3451.4741,N,07439.1100,W,2,8,0.3,7,M,,M,,*6C
\$GPGLL,3451.4741,N,07439.1100,W,074837,A*3B
\$GPRMC,074837,A,3451.4741,N,07439.1100,W,4.4,321.6,060414,11.9,W*4D
\$HEHDT,316.6,T*2D
\$GPVTG,321.6,T,333.5,M,4.4,N,8.1,K*47
\$GPZDA,074837,06,04,2014,00,00*42
\$GPGBS,074837,001.1,002.9,002.2,12,0.05,0010.8,012.5*4C
\$GPGGA,074838,3451.4763,N,07439.1114,W,2,8,0.3,7,M,,M,,*66
\$HEHDT,316.8,T*23

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PORT 4 04-06-2014 07:49:29

\$GPGLL,3451.4763,N,07439.1114,W,074838,A*31
\$GPRMC,074838,A,3451.4763,N,07439.1114,W,4.5,322.5,060414,11.9,W*46
\$HEHDT,316.9,T*22
\$GPVTG,322.5,T,334.4,M,4.5,N,8.3,K*42
\$GPZDA,074838,06,04,2014,00,00*4D
\$GPGBS,074838,,,,,,,,*41
\$GPGGA,074839,3451.4763,N,07439.1114,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,316.3,T*28

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PORT 4 04-06-2014 07:49:30

\$GPGLL,3451.4763,N,07439.1114,W,074839,A*30
\$GPRMC,074839,A,3451.4763,N,07439.1114,W,4.5,324.1,060414,11.9,W*45
\$HEHDT,315.5,T*2D
\$GPVTG,324.1,T,336.0,M,4.5,N,8.3,K*46
\$GPZDA,074839,06,04,2014,00,00*4C
\$GPGBS,074839,001.1,002.7,002.1,12,0.05,0009.6,012.5*49
\$GPGGA,074840,3451.4782,N,07439.1129,W,2,8,0.3,7,M,,M,,*68
\$HEHDT,315.0,T*28

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PORT 4 04-06-2014 07:49:31

\$GPGLL,3451.4782,N,07439.1129,W,074840,A*3F
\$GPRMC,074840,A,3451.4782,N,07439.1129,W,4.4,325.4,060414,11.9,W*4F
\$GPVTG,325.4,T,337.3,M,4.4,N,8.1,K*43
\$GPZDA,074840,06,04,2014,00,00*42
\$HEHDT,314.8,T*21
\$GPGBS,074840,,,,,,,,*4E
\$GPGGA,074841,3451.4792,N,07439.1140,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,314.9,T*20
\$GPGLL,3451.4792,N,07439.1140,W,074841,A*30

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\$GPRMC,074841,A,3451.4792,N,07439.1140,W,4.4,324.6,060414,11.9,w*43
\$GPVTG,324.6,T,336.5,M,4.4,N,8.1,K*47
\$GPZDA,074841,06,04,2014,00,00*43
\$GPGBS,074841,,,,,,,,*4F
\$GPGGA,074842,3451.4800,N,07439.1151,W,2,7,0.3,7,M,,M,,*6F
\$HEHDT,315.3,T*2B
PORT 12000 04-06-2014 07:49:31
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:49:32
\$GPGLL,3451.4800,N,07439.1151,W,074842,A*37
\$HEHDT,314.8,T*21
\$GPRMC,074842,A,3451.4800,N,07439.1151,W,4.5,324.1,060414,11.9,w*42
\$GPVTG,324.1,T,336.0,M,4.5,N,8.3,K*46
\$GPZDA,074842,06,04,2014,00,00*40
\$GPGBS,074842,,,,,,,,*4C
\$GPGGA,074843,3451.4811,N,07439.1159,W,2,7,0.3,7,M,,M,,*66
\$HEHDT,314.9,T*20

PORT 4 04-06-2014 07:49:33
\$GPGLL,3451.4811,N,07439.1159,W,074843,A*3E
\$GPRMC,074843,A,3451.4811,N,07439.1159,W,4.5,324.1,060414,11.9,w*4B
\$HEHDT,314.6,T*2F
\$GPVTG,324.1,T,336.0,M,4.5,N,8.3,K*46
\$GPZDA,074843,06,04,2014,00,00*41
\$GPGBS,074843,,,,,,,,*4D
\$GPGGA,074844,3451.4823,N,07439.1166,W,2,8,0.3,7,M,,M,,*63
\$HEHDT,313.9,T*27

PORT 4 04-06-2014 07:49:34
\$GPGLL,3451.4823,N,07439.1166,W,074844,A*34
\$GPRMC,074844,A,3451.4823,N,07439.1166,W,4.5,325.7,060414,11.9,w*46
\$HEHDT,313.3,T*2D
\$GPVTG,325.7,T,337.6,M,4.5,N,8.3,K*46
\$GPZDA,074844,06,04,2014,00,00*46
\$GPGBS,074844,,,,,,,,*4A
\$GPGGA,074845,3451.4832,N,07439.1176,W,2,8,0.3,7,M,,M,,*63

PORT 4 04-06-2014 07:49:35
\$HEHDT,313.5,T*2B
\$GPGLL,3451.4832,N,07439.1176,W,074845,A*34
\$GPRMC,074845,A,3451.4832,N,07439.1176,W,4.5,325.8,060414,11.9,w*49
\$GPVTG,325.8,T,337.7,M,4.5,N,8.3,K*48
\$GPZDA,074845,06,04,2014,00,00*47
\$HEHDT,313.2,T*2C
\$GPGBS,074845,,,,,,,,*4B
\$GPGGA,074846,3451.4843,N,07439.1187,W,2,7,0.3,7,M,,M,,*67

PORT 4 04-06-2014 07:49:36
\$HEHDT,313.8,T*26
\$GPGLL,3451.4843,N,07439.1187,W,074846,A*3F
\$GPRMC,074846,A,3451.4843,N,07439.1187,W,4.6,325.0,060414,11.9,w*49
\$GPVTG,325.0,T,336.9,M,4.6,N,8.5,K*4A
\$HEHDT,314.2,T*2B
\$GPZDA,074846,06,04,2014,00,00*44
\$GPGBS,074846,,,,,,,,*48
\$GPGGA,074847,3451.4856,N,07439.1195,W,2,7,0.3,7,M,,M,,*61

PORT 4 04-06-2014 07:49:37
\$HEHDT,313.4,T*2A
\$GPGLL,3451.4856,N,07439.1195,W,074847,A*39
\$GPRMC,074847,A,3451.4856,N,07439.1195,W,4.6,325.0,060414,11.9,w*4F
\$GPVTG,325.0,T,336.9,M,4.6,N,8.5,K*4A

S01_C04_survey.Log

\$GPZDA,074847,06,04,2014,00,00*45
\$GPGBS,074847,001.4,004.2,002.7,12,0.05,0024.9,012.5*40
\$HEHDT,313.4,T*2A
\$GPGGA,074848,3451.4865,N,07439.1205,W,2,8,0.3,7,M,,M,,*6B

PORT 4 04-06-2014 07:49:39
\$GPGLL,3451.4865,N,07439.1205,W,074848,A*3C
\$HEHDT,312.7,T*28
\$GPRMC,074848,A,3451.4865,N,07439.1205,W,4.7,325.0,060414,11.9,W*4B
\$GPVTG,325.0,T,336.9,M,4.7,N,8.7,K*49
\$GPZDA,074848,06,04,2014,00,00*4A
\$GPGBS,074848,,,,,,,,*46
\$GPGGA,074849,3451.4875,N,07439.1216,W,2,8,0.3,7,M,,M,,*69
\$HEHDT,313.1,T*2F

PORT 4 04-06-2014 07:49:40
\$GPGLL,3451.4875,N,07439.1216,W,074849,A*3E
\$HEHDT,313.0,T*2E
\$GPRMC,074849,A,3451.4875,N,07439.1216,W,4.6,324.4,060414,11.9,W*4D
\$GPVTG,324.4,T,336.3,M,4.6,N,8.5,K*45
\$GPZDA,074849,06,04,2014,00,00*4B
\$GPGBS,074849,,,,,,,,*47
\$GPGGA,074850,3451.4885,N,07439.1227,W,2,7,0.3,7,M,,M,,*63
\$HEHDT,313.0,T*2E

PORT 4 04-06-2014 07:49:41
\$GPGLL,3451.4885,N,07439.1227,W,074850,A*3B
\$GPRMC,074850,A,3451.4885,N,07439.1227,W,4.6,324.4,060414,11.9,W*48
\$HEHDT,313.0,T*2E
\$GPVTG,324.4,T,336.3,M,4.6,N,8.5,K*45
\$GPZDA,074850,06,04,2014,00,00*43
\$GPGBS,074850,001.5,002.5,000.7,12,0.05,0011.4,012.5*4F
\$GPGGA,074851,3451.4897,N,07439.1237,W,2,7,0.3,7,M,,M,,*60
PORT 12000 04-06-2014 07:49:41
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PORT 4 04-06-2014 07:49:42
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\$GPRMC,074851,A,3451.4897,N,07439.1237,W,4.6,323.1,060414,11.9,W*49
\$GPVTG,323.1,T,335.0,M,4.6,N,8.5,K*47
\$HEHDT,312.2,T*2D
\$GPZDA,074851,06,04,2014,00,00*42
\$GPGBS,074851,002.3,003.9,001.2,12,0.05,0018.3,012.5*4C
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PORT 4 04-06-2014 07:49:43
\$HEHDT,311.6,T*2A
\$GPGLL,3451.4907,N,07439.1246,W,074852,A*35
\$GPRMC,074852,A,3451.4907,N,07439.1246,W,4.7,322.2,060414,11.9,W*47
\$GPVTG,322.2,T,334.1,M,4.7,N,8.7,K*46
\$GPZDA,074852,06,04,2014,00,00*41
\$GPGBS,074852,002.1,003.0,001.1,12,0.05,0014.3,012.5*4B
\$GPGGA,074853,3451.4917,N,07439.1256,W,2,8,0.3,7,M,,M,,*63
\$HEHDT,311.2,T*2E

PORT 4 04-06-2014 07:49:44
\$HEHDT,310.9,T*24
\$GPGLL,3451.4917,N,07439.1256,W,074853,A*34
\$GPRMC,074853,A,3451.4917,N,07439.1256,W,4.8,321.6,060414,11.9,W*4E
\$GPVTG,321.6,T,333.5,M,4.8,N,8.9,K*43
\$GPZDA,074853,06,04,2014,00,00*40
\$GPGBS,074853,,,,,,,,*4C

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\$GPGGA,074854,3451.4929,N,07439.1263,W,2,7,0.3,7,M,,M,,*60

PORT 4 04-06-2014 07:49:45
\$GPGLL,3451.4929,N,07439.1263,W,074854,A*38
\$HEHDT,311.1,T*2D
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\$GPVTG,321.8,T,333.7,M,4.7,N,8.7,K*4E
\$GPZDA,074854,06,04,2014,00,00*47
\$GPGBS,074854,002.2,003.8,001.1,12,0.05,0017.3,012.5*45
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\$HEHDT,311.3,T*2F

PORT 4 04-06-2014 07:49:46
\$GPGLL,3451.4940,N,07439.1271,W,074855,A*35
\$GPRMC,074855,A,3451.4940,N,07439.1271,W,4.7,323.6,060414,11.9,w*42
\$HEHDT,311.6,T*2A
\$GPVTG,323.6,T,335.5,M,4.7,N,8.7,K*46
\$GPZDA,074855,06,04,2014,00,00*46
\$GPGBS,074855,001.1,001.9,000.5,12,0.05,0013.1,012.5*44
\$GPGGA,074856,3451.4951,N,07439.1282,W,2,8,0.3,8,M,,M,,*62
\$HEHDT,311.5,T*29

PORT 4 04-06-2014 07:49:47
\$GPGLL,3451.4951,N,07439.1282,W,074856,A*3A
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\$GPVTG,324.7,T,336.6,M,4.8,N,8.9,K*41
\$GPZDA,074856,06,04,2014,00,00*45
\$HEHDT,311.5,T*29
\$GPGBS,074856,,,,,,*49
\$GPGGA,074857,3451.4962,N,07439.1295,W,2,8,0.3,8,M,,M,,*65
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PORT 4 04-06-2014 07:49:49
\$GPGLL,3451.4962,N,07439.1295,W,074857,A*3D
\$GPRMC,074857,A,3451.4962,N,07439.1295,W,4.8,323.9,060414,11.9,w*4A
\$GPVTG,323.9,T,335.8,M,4.8,N,8.9,K*45
\$GPZDA,074857,06,04,2014,00,00*44
\$HEHDT,311.9,T*25
\$GPGBS,074857,,,,,,*48
\$GPGGA,074858,3451.4973,N,07439.1302,W,2,7,0.3,8,M,,M,,*6A
\$HEHDT,310.9,T*24
\$GPGLL,3451.4973,N,07439.1302,W,074858,A*3D
\$GPRMC,074858,A,3451.4973,N,07439.1302,W,4.8,323.9,060414,11.9,w*4A
\$GPVTG,323.9,T,335.8,M,4.8,N,8.9,K*45
\$GPZDA,074858,06,04,2014,00,00*4B
\$GPGBS,074858,006.0,008.1,000.0,12,0.05,0035.0,012.5*4E
\$HEHDT,310.9,T*24
\$GPGGA,074859,3451.4982,N,07439.1313,W,2,7,0.3,8,M,,M,,*65

PORT 4 04-06-2014 07:49:50
\$GPGLL,3451.4982,N,07439.1313,W,074859,A*32
\$HEHDT,310.8,T*25
\$GPRMC,074859,A,3451.4982,N,07439.1313,W,4.8,322.6,060414,11.9,w*4B
\$GPVTG,322.6,T,334.5,M,4.8,N,8.9,K*47
\$GPZDA,074859,06,04,2014,00,00*4A
\$GPGBS,074859,002.7,004.6,001.3,12,0.05,0021.3,012.5*43
\$GPGGA,074900,3451.4990,N,07439.1328,W,2,8,0.3,8,M,,M,,*6C
\$HEHDT,310.6,T*2B

PORT 4 04-06-2014 07:49:51
\$GPGLL,3451.4990,N,07439.1328,W,074900,A*34
\$GPRMC,074900,A,3451.4990,N,07439.1328,W,4.8,318.4,060414,11.9,w*46

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\$GPVTG,318.4,T,330.3,M,4.8,N,8.9,K*4E
\$GPZDA,074900,06,04,2014,00,00*47
\$HEHDT,310.6,T*2B
\$GPGBS,074900,,,,,,,,*4B
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PORT 4 04-06-2014 07:49:52
\$GPGLL,3451.5000,N,07439.1342,W,074901,A*38
\$GPRMC,074901,A,3451.5000,N,07439.1342,W,4.8,318.4,060414,11.9,W*4A
\$GPVTG,318.4,T,330.3,M,4.8,N,8.9,K*4E
\$HEHDT,310.5,T*28
\$GPZDA,074901,06,04,2014,00,00*46
\$GPGBS,074901,,,,,,,,*4A
\$GPGGA,074902,3451.5013,N,07439.1351,W,2,8,0.3,8,M,,M,,*63
\$HEHDT,310.2,T*2F

PORT 4 04-06-2014 07:49:53
\$GPGLL,3451.5013,N,07439.1351,W,074902,A*3B
\$GPRMC,074902,A,3451.5013,N,07439.1351,W,5.0,320.1,060414,11.9,W*4E
\$GPVTG,320.1,T,332.0,M,5.0,N,9.3,K*43
\$GPZDA,074902,06,04,2014,00,00*45
\$GPGBS,074902,,,,,,,,*49
\$HEHDT,310.3,T*2E
\$GPGGA,074903,3451.5024,N,07439.1360,W,2,8,0.3,8,M,,M,,*64

PORT 4 04-06-2014 07:49:54
\$HEHDT,310.4,T*29
\$GPGLL,3451.5024,N,07439.1360,W,074903,A*3C
\$GPRMC,074903,A,3451.5024,N,07439.1360,W,5.0,322.6,060414,11.9,W*4C
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\$GPZDA,074903,06,04,2014,00,00*44
\$GPGBS,074903,,,,,,,,*48
\$HEHDT,310.4,T*29
\$GPGGA,074904,3451.5037,N,07439.1368,W,2,7,0.3,8,M,,M,,*66

PORT 4 04-06-2014 07:49:55
\$HEHDT,310.3,T*2E
\$GPGLL,3451.5037,N,07439.1368,W,074904,A*31
\$GPRMC,074904,A,3451.5037,N,07439.1368,W,5.0,322.6,060414,11.9,W*41
\$GPVTG,322.6,T,334.5,M,5.0,N,9.3,K*45
\$GPZDA,074904,06,04,2014,00,00*43
\$GPGBS,074904,001.8,003.2,001.3,12,0.05,0015.0,012.5*41
\$GPGGA,074905,3451.5045,N,07439.1380,W,2,7,0.3,8,M,,M,,*64
\$HEHDT,310.1,T*2C

PORT 4 04-06-2014 07:49:56
\$GPGLL,3451.5045,N,07439.1380,W,074905,A*33
\$GPRMC,074905,A,3451.5045,N,07439.1380,W,5.0,323.5,060414,11.9,W*41
\$HEHDT,310.0,T*2D
\$GPVTG,323.5,T,335.4,M,5.0,N,9.3,K*47
\$GPZDA,074905,06,04,2014,00,00*42
\$GPGBS,074905,001.1,001.9,000.8,12,0.05,0014.0,012.5*4B
\$GPGGA,074906,3451.5053,N,07439.1396,W,2,8,0.3,8,M,,M,,*68
\$HEHDT,309.5,T*20

PORT 4 04-06-2014 07:49:57
\$GPGLL,3451.5053,N,07439.1396,W,074906,A*30
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\$GPVTG,319.6,T,331.5,M,4.9,N,9.1,K*42
\$HEHDT,309.4,T*21

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\$GPZDA,074906,06,04,2014,00,00*41
\$GPGBS,074906,,,,,,,,*4D
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\$HEHDT,309.6,T*23

PORT 4 04-06-2014 07:49:58
\$GPGLL,3451.5060,N,07439.1409,W,074907,A*30
\$GPRMC,074907,A,3451.5060,N,07439.1409,W,4.9,317.7,060414,11.9,W*4F
\$GPVTG,317.7,T,329.6,M,4.9,N,9.1,K*47
\$HEHDT,310.2,T*2F
\$GPZDA,074907,06,04,2014,00,00*40
\$GPGBS,074907,,,,,,,,*4C
\$GPGGA,074908,3451.5070,N,07439.1419,W,2,7,0.3,8,M,,M,,*68
\$HEHDT,310.8,T*25

PORT 4 04-06-2014 07:50:00
\$GPGLL,3451.5070,N,07439.1419,W,074908,A*3F
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\$GPVTG,317.7,T,329.6,M,4.9,N,9.1,K*47
\$GPZDA,074908,06,04,2014,00,00*4F
\$GPGBS,074908,001.8,003.0,000.9,12,0.05,0013.9,012.5*4B
\$HEHDT,310.1,T*2C
\$GPGGA,074909,3451.5084,N,07439.1427,W,2,7,0.3,8,M,,M,,*6F
\$GPGLL,3451.5084,N,07439.1427,W,074909,A*38
\$HEHDT,310.2,T*2F
\$GPRMC,074909,A,3451.5084,N,07439.1427,W,4.9,317.3,060414,11.9,W*43
\$GPVTG,317.3,T,329.2,M,4.9,N,9.1,K*47
\$GPZDA,074909,06,04,2014,00,00*4E
\$GPGBS,074909,001.7,002.9,000.8,12,0.05,0013.6,012.5*43
\$GPGGA,074910,3451.5096,N,07439.1436,W,2,8,0.3,8,M,,M,,*6B
\$HEHDT,310.2,T*2F

PORT 4 04-06-2014 07:50:01
\$GPGLL,3451.5096,N,07439.1436,W,074910,A*33
\$GPRMC,074910,A,3451.5096,N,07439.1436,W,4.9,319.3,060414,11.9,W*46
\$HEHDT,309.7,T*22
\$GPVTG,319.3,T,331.2,M,4.9,N,9.1,K*40
\$GPZDA,074910,06,04,2014,00,00*46
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PORT 4 04-06-2014 07:50:02
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\$GPVTG,322.8,T,334.7,M,4.9,N,9.1,K*43
\$HEHDT,309.5,T*20
\$GPZDA,074911,06,04,2014,00,00*47
\$GPGBS,074911,,,,,,,,*4B
\$GPGGA,074912,3451.5117,N,07439.1461,W,2,7,0.3,8,M,,M,,*6C
\$HEHDT,309.6,T*23

PORT 4 04-06-2014 07:50:03
\$GPGLL,3451.5117,N,07439.1461,W,074912,A*3B
\$GPRMC,074912,A,3451.5117,N,07439.1461,W,5.0,320.6,060414,11.9,W*49
\$GPVTG,320.6,T,332.5,M,5.0,N,9.3,K*41
\$GPZDA,074912,06,04,2014,00,00*44
\$HEHDT,309.6,T*23
\$GPGBS,074912,,,,,,,,*48
\$GPGGA,074913,3451.5125,N,07439.1474,W,2,7,0.3,8,M,,M,,*68
\$HEHDT,309.9,T*2C

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\$GPGLL,3451.5125,N,07439.1474,W,074913,A*3F
\$GPRMC,074913,A,3451.5125,N,07439.1474,W,5.0,318.7,060414,11.9,W*47
\$GPVTG,318.7,T,330.6,M,5.0,N,9.3,K*4A
\$GPZDA,074913,06,04,2014,00,00*45
\$GPGBS,074913,,,,,,,,*49
\$GPGGA,074914,3451.5134,N,07439.1488,W,2,7,0.3,8,M,,M,,*6C
\$HEHDT,310.1,T*2C

PORT 4 04-06-2014 07:50:04
\$GPGLL,3451.5134,N,07439.1488,W,074914,A*3B
\$HEHDT,310.1,T*2C
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\$GPVTG,318.0,T,329.9,M,5.0,N,9.3,K*4A
\$GPZDA,074914,06,04,2014,00,00*42
\$GPGBS,074914,,,,,,,,*4E
\$GPGGA,074915,3451.5143,N,07439.1501,W,2,7,0.3,8,M,,M,,*6D
\$HEHDT,310.5,T*28

PORT 4 04-06-2014 07:50:05
\$GPGLL,3451.5143,N,07439.1501,W,074915,A*3A
\$GPRMC,074915,A,3451.5143,N,07439.1501,W,5.0,317.5,060414,11.9,W*4F
\$HEHDT,310.0,T*2D
\$GPVTG,317.5,T,329.4,M,5.0,N,9.3,K*4D
\$GPZDA,074915,06,04,2014,00,00*43
\$GPGBS,074915,,,,,,,,*4F
\$GPGGA,074916,3451.5154,N,07439.1513,W,2,8,0.3,8,M,,M,,*64
\$HEHDT,310.2,T*2F

PORT 4 04-06-2014 07:50:07
\$GPGLL,3451.5154,N,07439.1513,W,074916,A*3C
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\$GPVTG,317.9,T,329.8,M,5.0,N,9.3,K*4D
\$HEHDT,309.5,T*20
\$GPZDA,074916,06,04,2014,00,00*40
\$GPGBS,074916,,,,,,,,*4C
\$GPGGA,074917,3451.5165,N,07439.1523,W,2,8,0.3,8,M,,M,,*64
\$HEHDT,309.3,T*26

PORT 4 04-06-2014 07:50:08
\$GPGLL,3451.5165,N,07439.1523,W,074917,A*3C
\$GPRMC,074917,A,3451.5165,N,07439.1523,W,5.0,318.9,060414,11.9,W*4A
\$GPVTG,318.9,T,330.8,M,5.0,N,9.3,K*4A
\$GPZDA,074917,06,04,2014,00,00*41
\$HEHDT,308.8,T*2C
\$GPGBS,074917,,,,,,,,*4D
\$GPGGA,074918,3451.5177,N,07439.1534,W,2,8,0.3,8,M,,M,,*6E
\$HEHDT,308.8,T*2C

PORT 4 04-06-2014 07:50:09
\$GPGLL,3451.5177,N,07439.1534,W,074918,A*36
\$GPRMC,074918,A,3451.5177,N,07439.1534,W,5.0,319.8,060414,11.9,W*40
\$GPVTG,319.8,T,331.7,M,5.0,N,9.3,K*44
\$GPZDA,074918,06,04,2014,00,00*4E
\$GPGBS,074918,,,,,,,,*42
\$GPGGA,074919,3451.5188,N,07439.1545,W,2,8,0.3,8,M,,M,,*69
\$HEHDT,308.6,T*22

PORT 4 04-06-2014 07:50:10
\$HEHDT,309.4,T*21
\$GPGLL,3451.5188,N,07439.1545,W,074919,A*31
\$GPRMC,074919,A,3451.5188,N,07439.1545,W,5.1,319.9,060414,11.9,W*47
\$GPVTG,319.9,T,331.8,M,5.1,N,9.4,K*4C
\$GPZDA,074919,06,04,2014,00,00*4F

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\$GPGBS,074919,,,,,,*43
\$GPGGA,074920,3451.5197,N,07439.1557,W,2,7,0.3,8,M,,M,,*61
\$HEHDT,309.6,T*23

PORT 4 04-06-2014 07:50:11
\$GPGLL,3451.5197,N,07439.1557,W,074920,A*36
\$HEHDT,309.7,T*22
\$GPRMC,074920,A,3451.5197,N,07439.1557,W,5.0,319.2,060414,11.9,W*4A
\$GPVTG,319.2,T,331.1,M,5.0,N,9.3,K*48
\$GPZDA,074920,06,04,2014,00,00*45
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PORT 12000 04-06-2014 07:50:11
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PORT 5 04-06-2014 07:50:13
IN
PORT 4 04-06-2014 07:50:13
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\$HEHDT,309.7,T*22
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\$GPVTG,319.2,T,331.1,M,5.0,N,9.3,K*48
\$GPZDA,074920,06,04,2014,00,00*45
\$GPGBS,074920,,,,,,*49
\$GPGGA,074921,3451.5208,N,07439.1567,W,2,7,0.3,8,M,,M,,*66
\$HEHDT,310.2,T*2F
\$GPGLL,3451.5208,N,07439.1567,W,074921,A*31
\$GPRMC,074921,A,3451.5208,N,07439.1567,W,5.0,319.2,060414,11.9,W*4D
\$HEHDT,309.5,T*20
\$GPVTG,319.2,T,331.1,M,5.0,N,9.3,K*48
\$GPZDA,074921,06,04,2014,00,00*44
\$GPGBS,074921,002.1,003.0,001.3,12,0.05,0014.3,012.5*4C
\$GPGGA,074922,3451.5219,N,07439.1577,W,2,8,0.3,8,M,,M,,*6B
\$HEHDT,309.4,T*21
\$GPGLL,3451.5219,N,07439.1577,W,074922,A*33
\$GPRMC,074922,A,3451.5219,N,07439.1577,W,5.0,318.7,060414,11.9,W*4B
\$GPVTG,318.7,T,330.6,M,5.0,N,9.3,K*4A
\$GPZDA,074922,06,04,2014,00,00*47
\$HEHDT,308.4,T*20
\$GPGBS,074922,001.9,003.2,000.9,12,0.05,0023.5,012.5*4F
\$GPGGA,074923,3451.5230,N,07439.1586,W,2,8,0.3,8,M,,M,,*6F

PORT 4 04-06-2014 07:50:14
\$HEHDT,308.5,T*21
\$GPGLL,3451.5230,N,07439.1586,W,074923,A*37
\$GPRMC,074923,A,3451.5230,N,07439.1586,W,5.0,320.5,060414,11.9,W*46
\$GPVTG,320.5,T,332.4,M,5.0,N,9.3,K*43
\$GPZDA,074923,06,04,2014,00,00*46
\$GPGBS,074923,,,,,,*4A
\$HEHDT,308.5,T*21
\$GPGGA,074924,3451.5242,N,07439.1599,W,2,7,0.3,8,M,,M,,*6C

PORT 4 04-06-2014 07:50:15
\$HEHDT,309.0,T*25
\$GPGLL,3451.5242,N,07439.1599,W,074924,A*3B
\$GPRMC,074924,A,3451.5242,N,07439.1599,W,5.0,320.5,060414,11.9,W*4A
\$GPVTG,320.5,T,332.4,M,5.0,N,9.3,K*43
\$GPZDA,074924,06,04,2014,00,00*41
\$HEHDT,309.5,T*20
\$GPGBS,074924,,,,,,*4D
\$GPGGA,074925,3451.5251,N,07439.1611,W,2,7,0.3,8,M,,M,,*6C
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PORT 4 04-06-2014 07:50:16

\$HEHDT,309.9,T*2C
\$GPGLL,3451.5251,N,07439.1611,W,074925,A*3B
\$GPRMC,074925,A,3451.5251,N,07439.1611,W,5.1,320.4,060414,11.9,W*4A
\$GPVTG,320.4,T,332.3,M,5.1,N,9.4,K*43
\$GPZDA,074925,06,04,2014,00,00*40
\$GPGGBS,074925,001.9,002.7,001.0,12,0.05,0020.3,012.5*41
\$HEHDT,310.0,T*2D
\$GPGGA,074926,3451.5260,N,07439.1625,W,2,8,0.3,8,M,,M,,*65

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PORT 5 04-06-2014 07:50:17

05164 mS

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PORT 4 04-06-2014 07:50:17

\$GPGLL,3451.5260,N,07439.1625,W,074926,A*3D
\$HEHDT,309.9,T*2C
\$GPRMC,074926,A,3451.5260,N,07439.1625,W,5.1,318.5,060414,11.9,W*46
\$GPVTG,318.5,T,330.4,M,5.1,N,9.4,K*4C
\$GPZDA,074926,06,04,2014,00,00*43
\$GPGGBS,074926,001.4,004.0,002.6,12,0.05,0023.8,012.5*43
\$GPGGA,074927,3451.5269,N,07439.1635,W,2,8,0.3,8,M,,M,,*6C
\$HEHDT,309.2,T*27

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PORT 4 04-06-2014 07:50:18

\$GPGLL,3451.5269,N,07439.1635,W,074927,A*34
\$GPRMC,074927,A,3451.5269,N,07439.1635,W,5.1,315.7,060414,11.9,W*40
\$HEHDT,309.0,T*25
\$GPVTG,315.7,T,327.6,M,5.1,N,9.4,K*47
\$GPZDA,074927,06,04,2014,00,00*42
\$GPGGBS,074927,002.7,004.5,001.3,12,0.05,0021.3,012.5*48
\$GPGGA,074928,3451.5280,N,07439.1643,W,2,8,0.3,8,M,,M,,*65
\$HEHDT,308.4,T*20
\$GPGLL,3451.5280,N,07439.1643,W,074928,A*3D
\$GPRMC,074928,A,3451.5280,N,07439.1643,W,5.0,314.8,060414,11.9,W*46
\$GPVTG,314.8,T,326.7,M,5.0,N,9.3,K*4F
\$GPZDA,074928,06,04,2014,00,00*4D
\$GPGGBS,074928,001.3,003.8,002.4,12,0.05,0022.6,012.5*48
\$HEHDT,308.7,T*23
\$GPGGA,074929,3451.5294,N,07439.1654,W,2,8,0.3,8,M,,M,,*67

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PORT 4 04-06-2014 07:50:20

\$HEHDT,308.0,T*24
\$GPGLL,3451.5294,N,07439.1654,W,074929,A*3F
\$GPRMC,074929,A,3451.5294,N,07439.1654,W,5.0,316.5,060414,11.9,W*4B
\$GPVTG,316.5,T,328.4,M,5.0,N,9.3,K*4D
\$GPZDA,074929,06,04,2014,00,00*4C
\$HEHDT,308.3,T*27
\$GPGGBS,074929,,,,,,*40
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PORT 4 04-06-2014 07:50:21

\$GPGLL,3451.5309,N,07439.1660,W,074930,A*35
\$HEHDT,308.7,T*23
\$GPRMC,074930,A,3451.5309,N,07439.1660,W,5.1,319.1,060414,11.9,W*4B
\$GPVTG,319.1,T,331.0,M,5.1,N,9.4,K*4C
\$GPZDA,074930,06,04,2014,00,00*44
\$GPGGBS,074930,002.2,006.6,001.2,12,0.05,0032.3,012.5*49
\$GPGGA,074931,3451.5319,N,07439.1674,W,2,8,0.3,8,M,,M,,*68
\$HEHDT,307.8,T*23

PORT 12000 04-06-2014 07:50:21

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PORT 4 04-06-2014 07:50:22

S01_C04_survey.Log

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\$GPRMC,074931,A,3451.5319,N,07439.1674,W,5.2,320.5,060414,11.9,W*43
\$HEHDT,307.9,T*22
\$GPVTG,320.5,T,332.4,M,5.2,N,9.6,K*44
\$GPZDA,074931,06,04,2014,00,00*45
\$GPGBS,074931,,,,,,,,*49
\$GPGGA,074932,3451.5327,N,07439.1685,W,2,8,0.3,8,M,,M,,*68
\$HEHDT,307.3,T*28

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PORT 4 04-06-2014 07:50:23

\$GPGLL,3451.5327,N,07439.1685,W,074932,A*30
\$GPRMC,074932,A,3451.5327,N,07439.1685,W,5.1,320.5,060414,11.9,W*40
\$GPVTG,320.5,T,332.4,M,5.1,N,9.4,K*45
\$HEHDT,307.3,T*28
\$GPZDA,074932,06,04,2014,00,00*46
\$GPGBS,074932,,,,,,,,*4A
\$GPGGA,074933,3451.5327,N,07439.1685,W,2,8,0.3,8,M,,M,,*69
\$HEHDT,307.0,T*2B

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PORT 4 04-06-2014 07:50:24

\$GPGLL,3451.5327,N,07439.1685,W,074933,A*31
\$GPRMC,074933,A,3451.5327,N,07439.1685,W,5.0,319.7,060414,11.9,W*48
\$HEHDT,306.9,T*23
\$GPVTG,319.7,T,331.6,M,5.0,N,9.3,K*4A
\$GPZDA,074933,06,04,2014,00,00*47
\$GPGBS,074933,,,,,,,,*4B
\$GPGGA,074934,3451.5344,N,07439.1710,W,2,8,0.3,8,M,,M,,*66
\$HEHDT,307.0,T*2B

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PORT 4 04-06-2014 07:50:25

\$GPGLL,3451.5344,N,07439.1710,W,074934,A*3E
\$GPRMC,074934,A,3451.5344,N,07439.1710,W,5.0,318.3,060414,11.9,W*42
\$GPVTG,318.3,T,330.2,M,5.0,N,9.3,K*4A
\$GPZDA,074934,06,04,2014,00,00*40
\$GPGBS,074934,000.5,004.5,001.0,12,0.05,0028.4,012.5*47
\$HEHDT,307.1,T*2A
\$GPGGA,074935,3451.5352,N,07439.1722,W,2,8,0.3,8,M,,M,,*61

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PORT 4 04-06-2014 07:50:26

\$HEHDT,307.6,T*2D
\$GPGLL,3451.5352,N,07439.1722,W,074935,A*39
\$GPRMC,074935,A,3451.5352,N,07439.1722,W,5.0,316.9,060414,11.9,W*41
\$GPVTG,316.9,T,328.8,M,5.0,N,9.3,K*4D
\$GPZDA,074935,06,04,2014,00,00*41
\$GPGBS,074935,,,,,,,,*4D
\$HEHDT,307.3,T*28
\$GPGGA,074936,3451.5362,N,07439.1734,W,2,9,0.3,8,M,,M,,*67

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PORT 4 04-06-2014 07:50:27

\$GPGLL,3451.5362,N,07439.1734,W,074936,A*3E
\$HEHDT,307.3,T*28
\$GPRMC,074936,A,3451.5362,N,07439.1734,W,5.0,315.8,060414,11.9,W*44
\$GPVTG,315.8,T,327.7,M,5.0,N,9.3,K*4F
\$GPZDA,074936,06,04,2014,00,00*42
\$GPGBS,074936,000.1,002.9,000.9,12,0.05,0011.1,012.5*4C
\$GPGGA,074937,3451.5373,N,07439.1743,W,2,9,0.3,8,M,,M,,*66
\$HEHDT,306.1,T*2B

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PORT 4 04-06-2014 07:50:28

\$GPGLL,3451.5373,N,07439.1743,W,074937,A*3F
\$HEHDT,306.0,T*2A
\$GPRMC,074937,A,3451.5373,N,07439.1743,W,5.0,315.6,060414,11.9,W*4B
\$GPVTG,315.6,T,327.5,M,5.0,N,9.3,K*43

S01_C04_survey.Log

\$GPZDA,074937,06,04,2014,00,00*43
\$GPGBS,074937,000.1,003.1,001.0,12,0.05,0012.3,012.5*4D
\$GPGGA,074938,3451.5384,N,07439.1754,W,2,9,0.3,8,M,,M,,*67
\$HEHDT,305.6,T*2F

PORT 4 04-06-2014 07:50:29
\$GPGLL,3451.5384,N,07439.1754,W,074938,A*3E
\$GPRMC,074938,A,3451.5384,N,07439.1754,W,5.0,316.6,060414,11.9,w*49
\$HEHDT,305.2,T*2B
\$GPVTG,316.6,T,328.5,M,5.0,N,9.3,K*4F
\$GPZDA,074938,06,04,2014,00,00*4C
\$GPGBS,074938,000.4,003.6,000.8,12,0.05,0022.3,012.5*4A
\$GPGGA,074939,3451.5394,N,07439.1762,W,2,9,0.3,8,M,,M,,*62
\$HEHDT,305.1,T*28

PORT 4 04-06-2014 07:50:30
\$GPGLL,3451.5394,N,07439.1762,W,074939,A*3B
\$GPRMC,074939,A,3451.5394,N,07439.1762,W,5.0,317.7,060414,11.9,w*4C
\$GPVTG,317.7,T,329.6,M,5.0,N,9.3,K*4D
\$HEHDT,305.5,T*2C
\$GPZDA,074939,06,04,2014,00,00*4D
\$GPGBS,074939,001.7,003.6,001.5,12,0.05,0019.5,012.5*4B
\$GPGGA,074940,3451.5403,N,07439.1770,W,2,9,0.2,9,M,,M,,*66
\$HEHDT,305.4,T*2D

PORT 4 04-06-2014 07:50:31
\$GPGLL,3451.5403,N,07439.1770,W,074940,A*3F
\$GPRMC,074940,A,3451.5403,N,07439.1770,W,5.0,317.9,060414,11.9,w*46
\$GPVTG,317.9,T,329.8,M,5.0,N,9.3,K*4D
\$GPZDA,074940,06,04,2014,00,00*43
\$GPGBS,074940,002.5,005.2,002.2,12,0.05,0019.5,012.5*42
\$HEHDT,305.9,T*20
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PORT 12000 04-06-2014 07:50:31
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PORT 4 04-06-2014 07:50:32
\$HEHDT,305.8,T*21
\$GPGLL,3451.5412,N,07439.1781,W,074941,A*30
\$GPRMC,074941,A,3451.5412,N,07439.1781,W,5.1,317.6,060414,11.9,w*47
\$GPVTG,317.6,T,329.5,M,5.1,N,9.4,K*49
\$GPZDA,074941,06,04,2014,00,00*42
\$GPGBS,074941,001.4,003.2,001.2,12,0.05,0019.9,012.5*48
\$HEHDT,305.5,T*2C
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\$GPRMC,074942,A,3451.5420,N,07439.1794,W,5.1,317.3,060414,11.9,w*44
\$GPVTG,317.3,T,329.2,M,5.1,N,9.4,K*4B
\$HEHDT,305.7,T*2E
\$GPZDA,074942,06,04,2014,00,00*41
\$GPGBS,074942,000.0,000.0,000.0,29,0.05,0014.4,012.5*44
\$GPGGA,074943,3451.5420,N,07439.1794,W,2,9,0.2,9,M,,M,,*6E

PORT 4 04-06-2014 07:50:34
\$HEHDT,305.5,T*2C
\$GPGLL,3451.5420,N,07439.1794,W,074943,A*37
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\$HEHDT,305.7,T*2E
\$GPVTG,316.6,T,328.5,M,5.1,N,9.4,K*49
\$GPZDA,074943,06,04,2014,00,00*40
\$GPGBS,074943,,,,,*4C
\$GPGGA,074944,3451.5435,N,07439.1822,W,2,9,0.2,9,M,,M,,*6F
\$HEHDT,305.0,T*29

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\$GPGLL,3451.5435,N,07439.1822,W,074944,A*36
\$GPRMC,074944,A,3451.5435,N,07439.1822,W,5.1,315.4,060414,11.9,W*41
\$GPVTG,315.4,T,327.3,M,5.1,N,9.4,K*41
\$GPZDA,074944,06,04,2014,00,00*47
\$GPGBS,074944,000.0,000.0,000.0,29,0.05,0012.9,012.5*49
\$HEHDT,304.9,T*21
\$GPGGA,074945,3451.5435,N,07439.1822,W,2,9,0.2,9,M,,,*6E

PORT 4 04-06-2014 07:50:35
\$HEHDT,304.6,T*2E
\$GPGLL,3451.5435,N,07439.1822,W,074945,A*37
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\$GPVTG,314.6,T,326.5,M,5.0,N,9.3,K*43
\$GPZDA,074945,06,04,2014,00,00*46
\$GPGBS,074945,,,,,,,,*4A
\$GPGGA,074946,3451.5450,N,07439.1842,W,2,6,0.3,9,M,,,*66
\$HEHDT,304.6,T*2E

PORT 4 04-06-2014 07:50:36
\$GPGLL,3451.5450,N,07439.1842,W,074946,A*31
\$HEHDT,304.6,T*2E
\$GPRMC,074946,A,3451.5450,N,07439.1842,W,5.0,314.8,060414,11.9,W*4A
\$GPVTG,314.8,T,326.7,M,5.0,N,9.3,K*4F
\$GPZDA,074946,06,04,2014,00,00*45
\$GPGBS,074946,,,,,,,,*49
\$GPGGA,074947,3451.5459,N,07439.1855,W,2,6,0.3,10,M,,,*50
\$HEHDT,304.9,T*21

PORT 4 04-06-2014 07:50:37
\$GPGLL,3451.5459,N,07439.1855,W,074947,A*3F
\$HEHDT,305.1,T*28
\$GPRMC,074947,A,3451.5459,N,07439.1855,W,5.0,315.0,060414,11.9,W*4D
\$GPVTG,315.0,T,326.9,M,5.0,N,9.3,K*48
\$GPZDA,074947,06,04,2014,00,00*44
\$GPGBS,074947,,,,,,,,*48
\$GPGGA,074948,3451.5468,N,07439.1862,W,2,8,0.3,10,M,,,*57
\$HEHDT,305.1,T*28

PORT 4 04-06-2014 07:50:39
\$GPGLL,3451.5468,N,07439.1862,W,074948,A*36
\$GPRMC,074948,A,3451.5468,N,07439.1862,W,5.0,314.6,060414,11.9,W*43
\$HEHDT,305.3,T*2A
\$GPVTG,314.6,T,326.5,M,5.0,N,9.3,K*43
\$GPZDA,074948,06,04,2014,00,00*4B
\$GPGBS,074948,001.5,007.5,001.2,12,0.05,0031.4,012.5*44
\$GPGGA,074949,3451.5477,N,07439.1874,W,2,8,0.2,10,M,,,*5E
\$HEHDT,304.5,T*2D

PORT 4 04-06-2014 07:50:40
\$GPGLL,3451.5477,N,07439.1874,W,074949,A*3E
\$GPRMC,074949,A,3451.5477,N,07439.1874,W,5.0,314.3,060414,11.9,W*4E
\$GPVTG,314.3,T,326.2,M,5.0,N,9.3,K*41
\$GPZDA,074949,06,04,2014,00,00*4A
\$HEHDT,304.6,T*2E
\$GPGBS,074949,000.0,000.0,000.0,29,0.05,0011.8,012.5*46
\$GPGGA,074950,3451.5486,N,07439.1887,W,2,8,0.3,10,M,,,*55
\$HEHDT,304.5,T*2D

PORT 4 04-06-2014 07:50:41
\$GPGLL,3451.5486,N,07439.1887,W,074950,A*34
\$GPRMC,074950,A,3451.5486,N,07439.1887,W,5.0,314.7,060414,11.9,W*40
\$GPVTG,314.7,T,326.6,M,5.0,N,9.3,K*41
\$GPZDA,074950,06,04,2014,00,00*42

S01_C04_survey.Log

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PORT 12000 04-06-2014 07:50:41
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PORT 4 04-06-2014 07:50:42
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$GPRMC,074951,A,3451.5497,N,07439.1899,W,5.0,315.4,060414,11.9,W*4C
$GPVTG,315.4,T,327.3,M,5.0,N,9.3,K*47
$GPZDA,074951,06,04,2014,00,00*43
$GPGBS,074951,,,,,,,,*4F
$HEHDT,305.0,T*29
$GPGGA,074952,3451.5507,N,07439.1913,W,2,8,0.3,11,M,,M,,*52
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PORT 4 04-06-2014 07:50:43
$GPGLL,3451.5507,N,07439.1913,W,074952,A*32
$GPRMC,074952,A,3451.5507,N,07439.1913,W,5.0,315.9,060414,11.9,W*49
$HEHDT,304.4,T*2C
$GPVTG,315.9,T,327.8,M,5.0,N,9.3,K*41
$GPZDA,074952,06,04,2014,00,00*40
$GPGBS,074952,001.3,003.0,002.1,25,0.05,-008.6,012.5*59
$GPGGA,074953,3451.5515,N,07439.1927,W,2,8,0.3,11,M,,M,,*57
$HEHDT,304.3,T*2B
#
PORT 4 04-06-2014 07:50:44
$GPGLL,3451.5515,N,07439.1927,W,074953,A*37
$GPRMC,074953,A,3451.5515,N,07439.1927,W,5.0,315.6,060414,11.9,W*43
$HEHDT,304.5,T*2D
$GPVTG,315.6,T,327.5,M,5.0,N,9.3,K*43
$GPZDA,074953,06,04,2014,00,00*41
$GPGBS,074953,,,,,,,,*4D
$GPGGA,074954,3451.5525,N,07439.1939,W,2,8,0.3,11,M,,M,,*5C
$HEHDT,304.2,T*2A
#
PORT 4 04-06-2014 07:50:45
$GPGLL,3451.5525,N,07439.1939,W,074954,A*3C
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$HEHDT,304.1,T*29
$GPVTG,315.2,T,327.1,M,5.0,N,9.3,K*43
$GPZDA,074954,06,04,2014,00,00*46
$GPGBS,074954,,,,,,,,*4A
$GPGGA,074955,3451.5533,N,07439.1953,W,2,8,0.2,11,M,,M,,*57
$HEHDT,304.4,T*2C
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PORT 4 04-06-2014 07:50:46
$GPGLL,3451.5533,N,07439.1953,W,074955,A*36
$GPRMC,074955,A,3451.5533,N,07439.1953,W,5.0,314.6,060414,11.9,W*43
$GPVTG,314.6,T,326.5,M,5.0,N,9.3,K*43
$GPZDA,074955,06,04,2014,00,00*47
$HEHDT,304.9,T*21
$GPGBS,074955,001.3,003.0,002.2,25,0.05,-008.7,012.5*5C
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$GPRMC,074956,A,3451.5543,N,07439.1967,W,5.0,314.3,060414,11.9,W*45
$GPVTG,314.3,T,326.2,M,5.0,N,9.3,K*41
$GPZDA,074956,06,04,2014,00,00*44
$GPGBS,074956,000.0,000.0,000.0,29,0.05,0011.1,012.5*41
$GPGGA,074957,3451.5551,N,07439.1982,W,2,9,0.2,11,M,,M,,*5C
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PORT 4 04-06-2014 07:50:47

\$GPGLL,3451.5551,N,07439.1982,W,074957,A*3C
\$HEHDT,305.0,T*29
\$GPRMC,074957,A,3451.5551,N,07439.1982,W,5.0,313.7,060414,11.9,w*4F
\$GPVTG,313.7,T,325.6,M,5.0,N,9.3,K*45
\$GPZDA,074957,06,04,2014,00,00*45
\$GPGBS,074957,,,,,,,,*49
\$GPGGA,074958,3451.5562,N,07439.1993,W,2,9,0.2,12,M,,M,,*50
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PORT 4 04-06-2014 07:50:49

\$GPGLL,3451.5562,N,07439.1993,W,074958,A*33
\$GPRMC,074958,A,3451.5562,N,07439.1993,W,5.1,313.0,060414,11.9,w*46
\$HEHDT,304.2,T*2A
\$GPVTG,313.0,T,324.9,M,5.1,N,9.4,K*4A
\$GPZDA,074958,06,04,2014,00,00*4A
\$GPGBS,074958,,,,,,,,*46
\$GPGGA,074959,3451.5571,N,07439.2005,W,2,9,0.2,12,M,,M,,*56
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PORT 4 04-06-2014 07:50:50

\$GPGLL,3451.5571,N,07439.2005,W,074959,A*35
\$GPRMC,074959,A,3451.5571,N,07439.2005,W,5.0,313.1,060414,11.9,w*40
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\$GPZDA,074959,06,04,2014,00,00*4B
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\$HEHDT,303.7,T*28

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PORT 4 04-06-2014 07:50:52

\$GPGLL,3451.5582,N,07439.2018,W,075000,A*31
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\$GPVTG,313.5,T,325.4,M,5.0,N,9.3,K*45
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\$GPGBS,075000,001.5,002.4,002.5,25,0.05,-009.3,012.5*55
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\$GPGGA,075001,3451.5593,N,07439.2030,W,2,9,0.2,12,M,,M,,*59
\$HEHDT,303.8,T*27
\$GPGLL,3451.5593,N,07439.2030,W,075001,A*3A
\$GPRMC,075001,A,3451.5593,N,07439.2030,W,5.0,314.1,060414,11.9,w*48
\$GPVTG,314.1,T,326.0,M,5.0,N,9.3,K*41
\$GPZDA,075001,06,04,2014,00,00*4E
\$GPGBS,075001,,,,,,,,*42
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\$GPGGA,075002,3451.5604,N,07439.2040,W,2,9,0.2,12,M,,M,,*50

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PORT 4 04-06-2014 07:50:53

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\$GPRMC,075002,A,3451.5604,N,07439.2040,W,5.1,314.8,060414,11.9,w*49
\$GPVTG,314.8,T,326.7,M,5.1,N,9.4,K*49
\$GPZDA,075002,06,04,2014,00,00*4D
\$GPGBS,075002,001.7,003.0,002.0,12,0.05,0023.3,012.5*44
\$GPGGA,075003,3451.5613,N,07439.2050,W,2,9,0.2,12,M,,M,,*56
\$HEHDT,303.7,T*28

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PORT 4 04-06-2014 07:50:54

\$GPGLL,3451.5613,N,07439.2050,W,075003,A*35
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\$GPRMC,075003,A,3451.5613,N,07439.2050,W,5.1,315.2,060414,11.9,w*44

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\$GPVTG,315.2,T,327.1,M,5.1,N,9.4,K*45
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\$GPGBS,075003,002.4,005.3,002.7,12,0.05,0025.0,012.5*42
\$GPGGA,075004,3451.5623,N,07439.2061,W,2,10,0.2,12,M,,M,,*68
\$HEHDT,303.4,T*2B

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\$GPGLL,3451.5623,N,07439.2061,W,075004,A*33
\$GPRMC,075004,A,3451.5623,N,07439.2061,W,5.0,315.1,060414,11.9,W*40
\$GPVTG,315.1,T,327.0,M,5.0,N,9.3,K*41
\$HEHDT,303.6,T*29
\$GPZDA,075004,06,04,2014,00,00*4B
\$GPGBS,075004,001.8,003.2,001.8,12,0.05,0027.5,012.5*46
\$GPGGA,075005,3451.5633,N,07439.2076,W,2,10,0.2,12,M,,M,,*6E
\$HEHDT,303.3,T*2C

PORT 4 04-06-2014 07:50:56
\$GPGLL,3451.5633,N,07439.2076,W,075005,A*35
\$GPRMC,075005,A,3451.5633,N,07439.2076,W,5.0,314.8,060414,11.9,W*4E
\$GPVTG,314.8,T,326.7,M,5.0,N,9.3,K*4F
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\$HEHDT,303.7,T*28
\$GPGBS,075005,,,,,,,,*46
\$GPGGA,075006,3451.5641,N,07439.2090,W,2,9,0.2,12,M,,M,,*58
\$HEHDT,303.7,T*28
\$GPGLL,3451.5641,N,07439.2090,W,075006,A*3B
\$GPRMC,075006,A,3451.5641,N,07439.2090,W,5.0,314.0,060414,11.9,W*48
\$GPVTG,314.0,T,325.9,M,5.0,N,9.3,K*4A
\$GPZDA,075006,06,04,2014,00,00*49
\$GPGBS,075006,,,,,,,,*45
\$GPGGA,075007,3451.5649,N,07439.2105,W,2,9,0.3,12,M,,M,,*5D
\$HEHDT,304.0,T*28

PORT 4 04-06-2014 07:50:57
\$GPGLL,3451.5649,N,07439.2105,W,075007,A*3F
\$HEHDT,303.9,T*26
\$GPRMC,075007,A,3451.5649,N,07439.2105,W,5.0,312.7,060414,11.9,W*4D
\$GPVTG,312.7,T,324.6,M,5.0,N,9.3,K*45
\$GPZDA,075007,06,04,2014,00,00*48
\$GPGBS,075007,,,,,,,,*44
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\$HEHDT,303.7,T*28

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\$GPGLL,3451.5659,N,07439.2119,W,075008,A*3C
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\$HEHDT,303.5,T*2A
\$GPVTG,311.9,T,323.8,M,5.1,N,9.4,K*47
\$GPZDA,075008,06,04,2014,00,00*47
\$GPGBS,075008,,,,,,,,*4B
\$GPGGA,075009,3451.5670,N,07439.2131,W,2,8,0.4,12,M,,M,,*58
\$HEHDT,303.2,T*2D

PORT 5 04-06-2014 07:51:00
IN
PORT 4 04-06-2014 07:51:00
\$GPGLL,3451.5670,N,07439.2131,W,075009,A*3C
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\$HEHDT,303.2,T*2D
\$GPVTG,312.3,T,324.2,M,5.0,N,9.3,K*45
\$GPZDA,075009,06,04,2014,00,00*46
\$GPGBS,075009,,,,,,,,*4A
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\$GPGLL,3451.5681,N,07439.2146,W,075010,A*3A

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\$HEHDT,303.1,T*2E

\$GPVTG,313.0,T,324.9,M,5.0,N,9.3,K*4C

\$GPZDA,075010,06,04,2014,00,00*4E

\$GPGBS,075010,,,,,,,,*42

\$GPGGA,075011,3451.5692,N,07439.2159,W,2,6,0.4,12,M,,M,,*5D

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PORT 4 04-06-2014 07:51:02

\$GPGLL,3451.5692,N,07439.2159,W,075011,A*37

\$GPRMC,075011,A,3451.5692,N,07439.2159,W,5.0,313.2,060414,11.9,W*41

\$GPVTG,313.2,T,325.1,M,5.0,N,9.3,K*47

\$HEHDT,302.5,T*2B

\$GPZDA,075011,06,04,2014,00,00*4F

\$GPGBS,075011,001.8,003.5,000.1,12,0.05,0016.3,012.5*49

\$GPGGA,075012,3451.5701,N,07439.2166,W,2,7,0.4,12,M,,M,,*58

\$GPGLL,3451.5701,N,07439.2166,W,075012,A*33

\$HEHDT,302.8,T*26

\$GPRMC,075012,A,3451.5701,N,07439.2166,W,5.1,313.4,060414,11.9,W*42

\$GPVTG,313.4,T,325.3,M,5.1,N,9.4,K*45

\$GPZDA,075012,06,04,2014,00,00*4C

\$GPGBS,075012,003.1,008.1,010.7,12,0.05,0017.1,012.5*4A

\$GPGGA,075013,3451.5712,N,07439.2180,W,2,7,0.4,12,M,,M,,*53

\$HEHDT,303.1,T*2E

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PORT 4 04-06-2014 07:51:03

\$GPGLL,3451.5712,N,07439.2180,W,075013,A*38

\$GPRMC,075013,A,3451.5712,N,07439.2180,W,5.1,314.0,060414,11.9,W*4A

\$HEHDT,303.7,T*28

\$GPVTG,314.0,T,325.9,M,5.1,N,9.4,K*4C

\$GPZDA,075013,06,04,2014,00,00*4D

\$GPGBS,075013,,,,,,,,*41

\$GPGGA,075014,3451.5720,N,07439.2193,W,2,5,0.5,12,M,,M,,*54

\$HEHDT,303.3,T*2C

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PORT 5 04-06-2014 07:51:05

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PORT 4 04-06-2014 07:51:05

\$GPGLL,3451.5720,N,07439.2193,W,075014,A*3C

\$GPRMC,075014,A,3451.5720,N,07439.2193,W,5.1,314.3,060414,11.9,W*4D

\$HEHDT,303.7,T*28

\$GPVTG,314.3,T,326.2,M,5.1,N,9.4,K*47

\$GPZDA,075014,06,04,2014,00,00*4A

\$GPGBS,075014,,,,,,,,*46

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PORT 4 04-06-2014 07:51:06

\$GPGLL,3451.5727,N,07439.2207,W,075015,A*34

\$GPRMC,075015,A,3451.5727,N,07439.2207,W,5.0,313.5,060414,11.9,W*45

\$GPVTG,313.5,T,325.4,M,5.0,N,9.3,K*45

\$GPZDA,075015,06,04,2014,00,00*4B

\$HEHDT,303.2,T*2D

\$GPGBS,075015,,,,,,,,*47

\$GPGGA,075016,3451.5735,N,07439.2220,W,2,8,0.3,12,M,,M,,*52

\$HEHDT,302.8,T*26

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$GPGLL,3451.5735,N,07439.2220,W,075016,A*31
$GPRMC,075016,A,3451.5735,N,07439.2220,W,5.0,312.4,060414,11.9,w*40
$GPVTG,312.4,T,324.3,M,5.0,N,9.3,K*43
$GPZDA,075016,06,04,2014,00,00*48
$GPGGBS,075016,,,,,,,,*44
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$GPGGA,075017,3451.5745,N,07439.2232,W,2,8,0.3,12,M,,M,,*57
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PORT 4 04-06-2014 07:51:08
$HEHDT,303.0,T*2F
$GPGLL,3451.5745,N,07439.2232,W,075017,A*34
$GPRMC,075017,A,3451.5745,N,07439.2232,W,5.0,312.1,060414,11.9,w*40
$GPVTG,312.1,T,324.0,M,5.0,N,9.3,K*45
$GPZDA,075017,06,04,2014,00,00*49
$GPGGBS,075017,,,,,,,,*45
$GPGGA,075018,3451.5756,N,07439.2245,W,2,9,0.2,12,M,,M,,*5A
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PORT 4 04-06-2014 07:51:09
$GPGLL,3451.5756,N,07439.2245,W,075018,A*39
$HEHDT,302.7,T*29
$GPRMC,075018,A,3451.5756,N,07439.2245,W,5.0,312.8,060414,11.9,w*44
$GPVTG,312.8,T,324.7,M,5.0,N,9.3,K*4B
$GPZDA,075018,06,04,2014,00,00*46
$GPGGBS,075018,,,,,,,,*4A
$GPGGA,075019,3451.5764,N,07439.2260,W,2,9,0.3,12,M,,M,,*5C
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PORT 4 04-06-2014 07:51:10
$GPGLL,3451.5764,N,07439.2260,W,075019,A*3E
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$HEHDT,303.2,T*2D
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$GPZDA,075019,06,04,2014,00,00*47
$GPGGBS,075019,,,,,,,,*4B
$GPGGA,075020,3451.5771,N,07439.2274,W,2,8,0.3,12,M,,M,,*56
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PORT 4 04-06-2014 07:51:11
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$GPRMC,075020,A,3451.5771,N,07439.2274,W,5.1,312.5,060414,11.9,w*44
$GPVTG,312.5,T,324.4,M,5.1,N,9.4,K*43
$HEHDT,303.5,T*2A
$GPZDA,075020,06,04,2014,00,00*4D
$GPGGBS,075020,,,,,,,,*41
$GPGGA,075021,3451.5779,N,07439.2285,W,2,8,0.2,12,M,,M,,*50
$HEHDT,303.5,T*2A
$GPGLL,3451.5779,N,07439.2285,W,075021,A*32
$GPRMC,075021,A,3451.5779,N,07439.2285,W,5.0,311.3,060414,11.9,w*47
$GPVTG,311.3,T,323.2,M,5.0,N,9.3,K*41
$GPZDA,075021,06,04,2014,00,00*4C
$GPGGBS,075021,,,,,,,,*40
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$GPGGA,075022,3451.5792,N,07439.2297,W,2,8,0.3,12,M,,M,,*54
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PORT 4 04-06-2014 07:51:13
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\$GPVTG,311.2,T,323.1,M,5.0,N,9.3,K*43
\$GPZDA,075022,06,04,2014,00,00*4F
\$HEHDT,303.3,T*2C
\$GPGBS,075022,,,,,,*43
\$GPGGA,075023,3451.5804,N,07439.2307,W,2,8,0.3,12,M,,M,,*5D

PORT 4 04-06-2014 07:51:14
\$HEHDT,303.4,T*2B
\$GPGLL,3451.5804,N,07439.2307,W,075023,A*3E
\$GPRMC,075023,A,3451.5804,N,07439.2307,W,5.0,312.9,060414,11.9,w*42
\$GPVTG,312.9,T,324.8,M,5.0,N,9.3,K*45
\$GPZDA,075023,06,04,2014,00,00*4E
\$GPGBS,075023,001.8,003.0,002.0,12,0.05,0014.9,012.5*46
\$HEHDT,302.5,T*2B
\$GPGGA,075024,3451.5814,N,07439.2322,W,2,10,0.2,12,M,,M,,*64

PORT 4 04-06-2014 07:51:15
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\$HEHDT,302.6,T*28
\$GPRMC,075024,A,3451.5814,N,07439.2322,W,5.1,314.4,060414,11.9,w*49
\$GPVTG,314.4,T,326.3,M,5.1,N,9.4,K*41
\$GPZDA,075024,06,04,2014,00,00*49
\$GPGBS,075024,,,,,,*45
\$GPGGA,075025,3451.5821,N,07439.2337,W,2,10,0.3,12,M,,M,,*66
\$HEHDT,302.5,T*2B

PORT 4 04-06-2014 07:51:16
\$GPGLL,3451.5821,N,07439.2337,W,075025,A*3C
\$HEHDT,302.4,T*2A
\$GPRMC,075025,A,3451.5821,N,07439.2337,W,5.1,313.2,060414,11.9,w*4B
\$GPVTG,313.2,T,325.1,M,5.1,N,9.4,K*41
\$GPZDA,075025,06,04,2014,00,00*48
\$GPGBS,075025,,,,,,*44
\$GPGGA,075026,3451.5829,N,07439.2347,W,2,8,0.3,12,M,,M,,*53
\$HEHDT,302.4,T*2A

PORT 4 04-06-2014 07:51:17
\$GPGLL,3451.5829,N,07439.2347,W,075026,A*30
\$GPRMC,075026,A,3451.5829,N,07439.2347,W,5.0,311.6,060414,11.9,w*40
\$HEHDT,302.4,T*2A
\$GPVTG,311.6,T,323.5,M,5.0,N,9.3,K*43
\$GPZDA,075026,06,04,2014,00,00*4B
\$GPGBS,075026,002.3,004.5,002.3,12,0.05,0023.3,012.5*44
\$GPGGA,075027,3451.5843,N,07439.2355,W,2,8,0.2,12,M,,M,,*5C
\$HEHDT,302.4,T*2A

PORT 4 04-06-2014 07:51:18
\$GPGLL,3451.5843,N,07439.2355,W,075027,A*3E
\$GPRMC,075027,A,3451.5843,N,07439.2355,W,5.0,310.9,060414,11.9,w*40
\$GPVTG,310.9,T,322.8,M,5.0,N,9.3,K*41
\$HEHDT,302.5,T*2B
\$GPZDA,075027,06,04,2014,00,00*4A
\$GPGBS,075027,007.8,008.8,011.3,12,0.05,0033.5,012.5*4F
\$GPGGA,075028,3451.5855,N,07439.2365,W,2,9,0.3,12,M,,M,,*57
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PORT 4 04-06-2014 07:51:20
\$GPGLL,3451.5855,N,07439.2365,W,075028,A*35
\$GPRMC,075028,A,3451.5855,N,07439.2365,W,5.0,311.0,060414,11.9,w*43
\$GPVTG,311.0,T,322.9,M,5.0,N,9.3,K*48
\$GPZDA,075028,06,04,2014,00,00*45
\$GPGBS,075028,008.8,008.4,009.8,12,0.05,0031.0,012.5*46
\$HEHDT,301.7,T*2A

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\$GPGGA,075029,3451.5867,N,07439.2376,W,2,9,0.3,12,M,,M,,*55
\$GPGLL,3451.5867,N,07439.2376,W,075029,A*37
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PORT 4 04-06-2014 07:51:21
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PORT 4 04-06-2014 07:51:25
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PORT 4 04-06-2014 07:51:28
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PORT 4 04-06-2014 07:51:29
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PORT 4 04-06-2014 07:51:31
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PORT 4 04-06-2014 07:51:40

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PORT 4 04-06-2014 07:51:41

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PORT 4 04-06-2014 07:51:42

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PORT 4 04-06-2014 07:51:43

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PORT 4 04-06-2014 07:51:44

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PORT 5 04-06-2014 07:51:47
IN
PORT 4 04-06-2014 07:51:47
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$GPVTG,309.1,T,321.0,M,4.9,N,9.1,K*40
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PORT 4 04-06-2014 07:51:48
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$HEHDT,303.4,T*2B
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$GPVTG,311.7,T,323.6,M,5.1,N,9.4,K*47
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PORT 12000 04-06-2014 07:51:51

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PORT 5 04-06-2014 07:51:52

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PORT 4 04-06-2014 07:51:52

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\$GPVTG,312.1,T,324.0,M,5.0,N,9.3,K*45
\$GPZDA,075101,06,04,2014,00,00*4F
\$GPGBS,075101,,,,,,,,*43
\$HEHDT,302.7,T*29
\$GPGGA,075102,3451.6169,N,07439.2806,W,2,7,0.3,11,M,,M,,*58

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PORT 4 04-06-2014 07:51:53

\$GPGLL,3451.6169,N,07439.2806,W,075102,A*37
\$GPRMC,075102,A,3451.6169,N,07439.2806,W,5.1,311.9,060414,11.9,w*49
\$HEHDT,302.4,T*2A
\$GPVTG,311.9,T,323.8,M,5.1,N,9.4,K*47
\$GPZDA,075102,06,04,2014,00,00*4C
\$GPGBS,075102,003.4,005.6,001.7,12,0.05,0026.5,012.5*43
\$GPGGA,075103,3451.6176,N,07439.2820,W,2,7,0.3,11,M,,M,,*53
\$HEHDT,302.7,T*29
\$GPGLL,3451.6176,N,07439.2820,W,075103,A*3C
\$GPRMC,075103,A,3451.6176,N,07439.2820,W,5.0,311.4,060414,11.9,w*4E
\$GPVTG,311.4,T,323.3,M,5.0,N,9.3,K*47
\$GPZDA,075103,06,04,2014,00,00*4D
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PORT 4 04-06-2014 07:51:54

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\$GPGLL,3451.6187,N,07439.2834,W,075104,A*30
\$GPRMC,075104,A,3451.6187,N,07439.2834,W,5.0,311.0,060414,11.9,w*46
\$GPVTG,311.0,T,322.9,M,5.0,N,9.3,K*48
\$GPZDA,075104,06,04,2014,00,00*4A
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\$GPGBS,075104,,,,,,,,*46
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PORT 4 04-06-2014 07:51:55

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\$GPRMC,075105,A,3451.6197,N,07439.2846,W,5.0,311.5,060414,11.9,w*46
\$GPVTG,311.5,T,323.4,M,5.0,N,9.3,K*41
\$GPZDA,075105,06,04,2014,00,00*4B
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PORT 4 04-06-2014 07:51:56

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\$HEHDT,302.4,T*2A
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\$GPGBS,075106,,,,,,*44
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PORT 4 04-06-2014 07:51:57
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\$HEHDT,302.3,T*2D
\$GPVTG,312.2,T,324.1,M,4.9,N,9.1,K*4D
\$GPZDA,075107,06,04,2014,00,00*49
\$GPGBS,075107,003.2,005.7,002.4,12,0.05,0027.5,012.5*40
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PORT 4 04-06-2014 07:51:59
\$GPGLL,3451.6222,N,07439.2882,W,075108,A*3D
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\$GPVTG,311.2,T,323.1,M,4.8,N,8.9,K*41
\$GPZDA,075108,06,04,2014,00,00*46
\$HEHDT,302.1,T*2F
\$GPGBS,075108,,,,,,*4A
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\$HEHDT,302.7,T*29

PORT 4 04-06-2014 07:52:00
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\$GPVTG,311.0,T,322.9,M,4.9,N,9.1,K*42
\$GPZDA,075109,06,04,2014,00,00*47
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PORT 4 04-06-2014 07:52:01
\$GPGLL,3451.6241,N,07439.2908,W,075110,A*32
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PORT 4 04-06-2014 07:52:02
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\$GPZDA,075111,06,04,2014,00,00*4E
\$GPGBS,075111,,,,,,*42
\$GPGGA,075112,3451.6255,N,07439.2939,W,2,7,0.3,10,M,,M,,*59
\$HEHDT,302.8,T*26

PORT 4 04-06-2014 07:52:03
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$HEHDT,302.4,T*2A
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$GPGLL,3451.6263,N,07439.2953,W,075113,A*3F
$GPRMC,075113,A,3451.6263,N,07439.2953,W,4.9,309.1,060414,11.9,w*49
$HEHDT,302.8,T*26
$GPVTG,309.1,T,321.0,M,4.9,N,9.1,K*40
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$GPGBS,075113,,,,,,,,*40
$GPGGA,075114,3451.6273,N,07439.2964,W,2,7,0.3,10,M,,M,,*53
$HEHDT,302.7,T*29
$GPGLL,3451.6273,N,07439.2964,W,075114,A*3D
$GPRMC,075114,A,3451.6273,N,07439.2964,W,4.9,308.7,060414,11.9,w*4C
$GPVTG,308.7,T,320.6,M,4.9,N,9.1,K*40
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$GPZDA,075114,06,04,2014,00,00*4B
$GPGBS,075114,,,,,,,,*47
$GPGGA,075115,3451.6286,N,07439.2975,W,2,7,0.3,10,M,,M,,*58
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PORT 4 04-06-2014 07:52:05
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$GPGLL,3451.6286,N,07439.2975,W,075115,A*36
$GPRMC,075115,A,3451.6286,N,07439.2975,W,5.0,310.4,060414,11.9,w*45
$GPVTG,310.4,T,322.3,M,5.0,N,9.3,K*47
$GPZDA,075115,06,04,2014,00,00*4A
$GPGBS,075115,,,,,,,,*46
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PORT 4 04-06-2014 07:52:06
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$GPGLL,3451.6297,N,07439.2986,W,075116,A*39
$GPRMC,075116,A,3451.6297,N,07439.2986,W,5.0,313.1,060414,11.9,w*4C
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$GPGBS,075116,,,,,,,,*45
$GPGGA,075117,3451.6303,N,07439.3000,W,2,7,0.3,9,M,,M,,*64
$HEHDT,303.7,T*28
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PORT 4 04-06-2014 07:52:07
$GPGLL,3451.6303,N,07439.3000,W,075117,A*32
$HEHDT,303.8,T*27
$GPRMC,075117,A,3451.6303,N,07439.3000,W,5.0,314.4,060414,11.9,w*45
$GPVTG,314.4,T,326.3,M,5.0,N,9.3,K*47
$GPZDA,075117,06,04,2014,00,00*48
$GPGBS,075117,,,,,,,,*44
$GPGGA,075118,3451.6310,N,07439.3013,W,2,7,0.3,9,M,,M,,*6B
$HEHDT,303.8,T*27
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PORT 4 04-06-2014 07:52:09
$GPGLL,3451.6310,N,07439.3013,W,075118,A*3D
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$HEHDT,303.7,T*28
$GPVTG,313.2,T,325.1,M,5.0,N,9.3,K*47
$GPZDA,075118,06,04,2014,00,00*47
$GPGBS,075118,,,,,,,,*4B
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$GPGBS,075119,,,,,,,,*4A
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$HEHDT,304.6,T*2E
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PORT 4 04-06-2014 07:52:11
$GPGLL,3451.6326,N,07439.3040,W,075120,A*35
$GPRMC,075120,A,3451.6326,N,07439.3040,W,4.8,310.2,060414,11.9,W*49
$HEHDT,304.5,T*2D
$GPVTG,310.2,T,322.1,M,4.8,N,8.9,K*41
$GPZDA,075120,06,04,2014,00,00*4C
$GPGBS,075120,,,,,,,,*40
$GPGGA,075121,3451.6335,N,07439.3051,W,2,8,0.3,9,M,,M,,*6F
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PORT 4 04-06-2014 07:52:12
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$GPZDA,075121,06,04,2014,00,00*4D
$GPGBS,075121,000.2,003.7,001.1,12,0.05,0015.3,012.5*40
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$GPGGA,075122,3451.6346,N,07439.3059,W,2,9,0.3,9,M,,M,,*61
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PORT 4 04-06-2014 07:52:13
$HEHDT,304.6,T*2E
$GPGLL,3451.6346,N,07439.3059,W,075122,A*39
$GPRMC,075122,A,3451.6346,N,07439.3059,W,4.9,310.2,060414,11.9,W*44
$GPVTG,310.2,T,322.1,M,4.9,N,9.1,K*49
$GPZDA,075122,06,04,2014,00,00*4E
$GPGBS,075122,000.2,002.4,000.8,12,0.05,0015.8,012.5*42
$HEHDT,304.6,T*2E
$GPGGA,075123,3451.6357,N,07439.3069,W,2,9,0.3,9,M,,M,,*63
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PORT 4 04-06-2014 07:52:14
$GPGLL,3451.6357,N,07439.3069,W,075123,A*3B
$GPRMC,075123,A,3451.6357,N,07439.3069,W,4.9,311.6,060414,11.9,W*43
$HEHDT,304.5,T*2D
$GPVTG,311.6,T,323.5,M,4.9,N,9.1,K*49
$GPZDA,075123,06,04,2014,00,00*4F
$GPGBS,075123,000.5,003.8,000.9,12,0.05,0015.8,012.5*48
$GPGGA,075124,3451.6367,N,07439.3080,W,2,9,0.3,9,M,,M,,*60
$HEHDT,304.8,T*20
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PORT 4 04-06-2014 07:52:15
$GPGLL,3451.6367,N,07439.3080,W,075124,A*38
$GPRMC,075124,A,3451.6367,N,07439.3080,W,4.9,313.4,060414,11.9,W*40
$GPVTG,313.4,T,325.3,M,4.9,N,9.1,K*49
$HEHDT,304.2,T*2A
$GPZDA,075124,06,04,2014,00,00*48
$GPGBS,075124,,,,,,,,*44
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PORT 4 04-06-2014 07:52:16
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\$GPVTG,314.4,T,326.3,M,4.9,N,9.1,K*4D
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\$GPZDA,075125,06,04,2014,00,00*49
\$GPGBS,075125,,,,,,*45
\$GPGGA,075126,3451.6386,N,07439.3105,W,2,8,0.3,9,M,,M,,*60
\$HEHDT,305.2,T*2B
\$GPGLL,3451.6386,N,07439.3105,W,075126,A*39
\$GPRMC,075126,A,3451.6386,N,07439.3105,W,5.0,314.2,060414,11.9,W*48
\$GPVTG,314.2,T,326.1,M,5.0,N,9.3,K*43
\$GPZDA,075126,06,04,2014,00,00*4A
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\$GPGGA,075127,3451.6395,N,07439.3117,W,2,8,0.3,9,M,,M,,*60

PORT 4 04-06-2014 07:52:17
\$HEHDT,306.0,T*2A
\$GPGLL,3451.6395,N,07439.3117,W,075127,A*39
\$GPRMC,075127,A,3451.6395,N,07439.3117,W,5.0,313.5,060414,11.9,W*48
\$GPVTG,313.5,T,325.4,M,5.0,N,9.3,K*45
\$GPZDA,075127,06,04,2014,00,00*4B
\$GPGBS,075127,,,,,,*47
\$HEHDT,306.3,T*29
\$GPGGA,075128,3451.6404,N,07439.3128,W,2,8,0.3,9,M,,M,,*6C

PORT 4 04-06-2014 07:52:19
\$HEHDT,305.2,T*2B
\$GPGLL,3451.6404,N,07439.3128,W,075128,A*35
\$GPRMC,075128,A,3451.6404,N,07439.3128,W,4.9,312.8,060414,11.9,W*40
\$GPVTG,312.8,T,324.7,M,4.9,N,9.1,K*41
\$GPZDA,075128,06,04,2014,00,00*44
\$GPGBS,075128,000.5,004.5,001.0,12,0.05,0018.2,012.5*46
\$HEHDT,304.9,T*21
\$GPGGA,075129,3451.6414,N,07439.3139,W,2,8,0.3,9,M,,M,,*6C

PORT 4 04-06-2014 07:52:20
\$GPGLL,3451.6414,N,07439.3139,W,075129,A*35
\$GPRMC,075129,A,3451.6414,N,07439.3139,W,4.9,312.8,060414,11.9,W*40
\$HEHDT,304.8,T*20
\$GPVTG,312.8,T,324.7,M,4.9,N,9.1,K*41
\$GPZDA,075129,06,04,2014,00,00*45
\$GPGBS,075129,001.0,003.5,000.1,12,0.05,0017.5,012.5*4C
\$GPGGA,075130,3451.6425,N,07439.3152,W,2,9,0.3,9,M,,M,,*6A
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PORT 4 04-06-2014 07:52:21
\$GPGLL,3451.6425,N,07439.3152,W,075130,A*32
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\$GPVTG,312.8,T,324.7,M,4.9,N,9.1,K*41
\$GPZDA,075130,06,04,2014,00,00*4D
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\$GPGBS,075130,,,,,,*41
\$GPGGA,075131,3451.6435,N,07439.3163,W,2,9,0.3,9,M,,M,,*68
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PORT 4 04-06-2014 07:52:22
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\$GPVTG,313.7,T,325.6,M,4.9,N,9.1,K*4F
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PORT 4 04-06-2014 07:52:23
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$GPRMC,075132,A,3451.6443,N,07439.3177,W,4.9,314.3,060414,11.9,W*4F
$GPVTG,314.3,T,326.2,M,4.9,N,9.1,K*4B
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$GPGBS,075132,,,,,,,,*43
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PORT 4 04-06-2014 07:52:24
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$GPRMC,075133,A,3451.6453,N,07439.3190,W,5.0,314.0,060414,11.9,W*4D
$HEHDT,305.9,T*20
$GPVTG,314.0,T,325.9,M,5.0,N,9.3,K*4A
$GPZDA,075133,06,04,2014,00,00*4E
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PORT 4 04-06-2014 07:52:25
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$HEHDT,305.3,T*2A
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$HEHDT,304.7,T*2F
$GPGLL,3451.6472,N,07439.3215,W,075135,A*35
$GPRMC,075135,A,3451.6472,N,07439.3215,W,5.0,313.4,060414,11.9,W*45
$GPVTG,313.4,T,325.3,M,5.0,N,9.3,K*43
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$GPGBS,075135,,,,,,,,*44
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PORT 4 04-06-2014 07:52:27
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$GPRMC,075136,A,3451.6482,N,07439.3225,W,4.9,313.9,060414,11.9,W*4F
$HEHDT,304.7,T*2F
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$GPGBS,075136,,,,,,,,*47
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PORT 4 04-06-2014 07:52:28
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$GPRMC,075137,A,3451.6493,N,07439.3235,W,4.9,314.9,060414,11.9,W*48
$GPVTG,314.9,T,326.8,M,4.9,N,9.1,K*4B
$GPZDA,075137,06,04,2014,00,00*4A
$HEHDT,304.6,T*2E
$GPGBS,075137,002.7,004.3,003.8,12,0.05,0019.8,012.5*4F
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PORT 4 04-06-2014 07:52:29
$HEHDT,304.6,T*2E

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S01_C04_survey.Log

\$GPGLL,3451.6504,N,07439.3247,W,075138,A*3F
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\$GPVTG,314.5,T,326.4,M,5.0,N,9.3,K*41
\$GPZDA,075138,06,04,2014,00,00*45
\$GPGBS,075138,002.1,004.2,003.0,12,0.05,0021.1,012.5*4D
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PORT 4 04-06-2014 07:52:30

\$GPGLL,3451.6515,N,07439.3257,W,075139,A*3F
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\$GPVTG,314.7,T,326.6,M,5.0,N,9.3,K*41
\$GPZDA,075139,06,04,2014,00,00*44
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PORT 4 04-06-2014 07:52:31

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PORT 4 04-06-2014 07:52:32

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PORT 4 04-06-2014 07:52:34

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\$GPVTG,314.0,T,325.9,M,4.9,N,9.1,K*40
\$HEHDT,304.7,T*2F
\$GPZDA,075142,06,04,2014,00,00*48
\$GPGBS,075142,,,,,,*44
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\$HEHDT,304.6,T*2E

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PORT 4 04-06-2014 07:52:35

\$GPGLL,3451.6548,N,07439.3308,W,075143,A*31
\$GPRMC,075143,A,3451.6548,N,07439.3308,W,4.9,312.9,060414,11.9,W*45
\$GPVTG,312.9,T,324.8,M,4.9,N,9.1,K*4F
\$GPZDA,075143,06,04,2014,00,00*49
\$GPGBS,075143,000.9,003.2,000.1,12,0.05,0025.6,012.5*4D
\$HEHDT,304.3,T*2B
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PORT 5 04-06-2014 07:52:35

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PORT 4 04-06-2014 07:52:35

\$GPGLL,3451.6558,N,07439.3322,W,075144,A*3F
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PORT 4 04-06-2014 07:52:36
\$GPGLL,3451.6566,N,07439.3336,W,075145,A*36
\$HEHDT,303.9,T*26
\$GPRMC,075145,A,3451.6566,N,07439.3336,W,4.9,312.4,060414,11.9,W*4F
\$GPVTG,312.4,T,324.3,M,4.9,N,9.1,K*49
\$GPZDA,075145,06,04,2014,00,00*4F
\$GPGBS,075145,,,,,,,,*43
\$GPGGA,075146,3451.6577,N,07439.3344,W,2,8,0.3,8,M,,M,,*68
\$HEHDT,304.0,T*28
\$GPGLL,3451.6577,N,07439.3344,W,075146,A*30
\$GPRMC,075146,A,3451.6577,N,07439.3344,W,5.0,313.0,060414,11.9,W*44
\$GPVTG,313.0,T,324.9,M,5.0,N,9.3,K*4C
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\$GPZDA,075146,06,04,2014,00,00*4C
\$GPGBS,075146,001.8,006.2,000.2,12,0.05,0031.5,012.5*48
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PORT 4 04-06-2014 07:52:37
\$HEHDT,304.2,T*2A
\$GPGLL,3451.6588,N,07439.3356,W,075147,A*32
\$GPRMC,075147,A,3451.6588,N,07439.3356,W,5.0,313.0,060414,11.9,W*46
\$GPVTG,313.0,T,324.9,M,5.0,N,9.3,K*4C
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\$GPGBS,075147,,,,,,,,*41
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\$GPGGA,075148,3451.6599,N,07439.3367,W,2,8,0.3,8,M,,M,,*67

PORT 4 04-06-2014 07:52:38
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\$GPGLL,3451.6599,N,07439.3367,W,075148,A*3F
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\$GPZDA,075148,06,04,2014,00,00*42
\$GPGBS,075148,,,,,,,,*4E
\$GPGGA,075149,3451.6609,N,07439.3380,W,2,8,0.3,8,M,,M,,*65
\$HEHDT,304.8,T*20

PORT 5 04-06-2014 07:52:40
05034 mS
*
PORT 4 04-06-2014 07:52:40
\$HEHDT,305.3,T*2A
\$GPGLL,3451.6609,N,07439.3380,W,075149,A*3D
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\$GPGBS,075149,,,,,,,,*4F
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\$HEHDT,305.6,T*2F

PORT 4 04-06-2014 07:52:41
\$GPGLL,3451.6617,N,07439.3394,W,075150,A*3F
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\$GPGBS,075150,000.6,002.9,000.4,12,0.05,0023.7,012.5*48

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\$GPGGA,075151,3451.6624,N,07439.3405,W,2,8,0.3,8,M,,M,,*69
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\$HEHDT,304.4,T*2C
\$GPVTG,312.3,T,324.2,M,5.0,N,9.3,K*45
\$GPZDA,075151,06,04,2014,00,00*4A
\$GPGBS,075151,001.3,003.9,000.6,12,0.05,0019.0,012.5*40
\$GPGGA,075152,3451.6634,N,07439.3416,W,2,9,0.3,8,M,,M,,*68
\$HEHDT,304.1,T*29

PORT 4 04-06-2014 07:52:43
\$GPGLL,3451.6634,N,07439.3416,W,075152,A*31
\$GPRMC,075152,A,3451.6634,N,07439.3416,W,4.9,311.8,060414,11.9,W*47
\$GPVTG,311.8,T,323.7,M,4.9,N,9.1,K*45
\$GPZDA,075152,06,04,2014,00,00*49
\$HEHDT,304.1,T*29
\$GPGBS,075152,001.3,003.9,000.6,12,0.05,0019.0,012.5*43
\$GPGGA,075153,3451.6644,N,07439.3428,W,2,9,0.3,8,M,,M,,*63
\$HEHDT,304.5,T*2D

PORT 4 04-06-2014 07:52:44
\$GPGLL,3451.6644,N,07439.3428,W,075153,A*3A
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\$GPVTG,311.8,T,323.7,M,4.9,N,9.1,K*45
\$GPZDA,075153,06,04,2014,00,00*48
\$GPGBS,075153,,,,,,*44
\$GPGGA,075154,3451.6653,N,07439.3442,W,2,8,0.3,8,M,,M,,*6F
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\$GPGLL,3451.6653,N,07439.3442,W,075154,A*37
\$HEHDT,304.8,T*20
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\$GPVTG,312.5,T,324.4,M,4.9,N,9.1,K*4F
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\$GPGBS,075154,,,,,,*43
\$GPGGA,075155,3451.6662,N,07439.3456,W,2,8,0.3,8,M,,M,,*69
\$HEHDT,304.6,T*2E

PORT 4 04-06-2014 07:52:46
\$GPGLL,3451.6662,N,07439.3456,W,075155,A*31
\$GPRMC,075155,A,3451.6662,N,07439.3456,W,5.0,312.7,060414,11.9,W*43
\$HEHDT,305.2,T*2B
\$GPVTG,312.7,T,324.6,M,5.0,N,9.3,K*45
\$GPZDA,075155,06,04,2014,00,00*4E
\$GPGBS,075155,,,,,,*42
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\$HEHDT,305.1,T*28

PORT 4 04-06-2014 07:52:47
\$GPGLL,3451.6671,N,07439.3467,W,075156,A*32
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\$GPVTG,312.6,T,324.5,M,5.0,N,9.3,K*47
\$HEHDT,305.6,T*2F
\$GPZDA,075156,06,04,2014,00,00*4D
\$GPGBS,075156,,,,,,*41
\$GPGGA,075157,3451.6684,N,07439.3478,W,2,8,0.3,9,M,,M,,*6E
\$HEHDT,304.7,T*2F

PORT 4 04-06-2014 07:52:48

S01_C04_survey.Log

\$GPGLL,3451.6684,N,07439.3478,W,075157,A*37
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\$GPVTG,313.6,T,325.5,M,4.9,N,9.1,K*4D
\$GPZDA,075157,06,04,2014,00,00*4C
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\$GPGBS,075157,,,,,,,,*40
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PORT 4 04-06-2014 07:52:49
\$HEHDT,305.2,T*2B
\$GPGLL,3451.6693,N,07439.3492,W,075158,A*3A
\$GPRMC,075158,A,3451.6693,N,07439.3492,W,5.0,315.3,060414,11.9,W*4B
\$GPVTG,315.3,T,327.2,M,5.0,N,9.3,K*41
\$GPZDA,075158,06,04,2014,00,00*43
\$GPGBS,075158,,,,,,,,*4F
\$GPGGA,075159,3451.6703,N,07439.3506,W,2,8,0.3,9,M,,M,,*66
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PORT 4 04-06-2014 07:52:50
\$GPGLL,3451.6703,N,07439.3506,W,075159,A*3F
\$HEHDT,304.9,T*21
\$GPRMC,075159,A,3451.6703,N,07439.3506,W,5.0,315.5,060414,11.9,W*48
\$GPVTG,315.5,T,327.4,M,5.0,N,9.3,K*41
\$GPZDA,075159,06,04,2014,00,00*42
\$GPGBS,075159,,,,,,,,*4E
\$GPGGA,075200,3451.6710,N,07439.3518,W,2,8,0.3,9,M,,M,,*64
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PORT 4 04-06-2014 07:52:51
\$GPGLL,3451.6710,N,07439.3518,W,075200,A*3D
\$GPRMC,075200,A,3451.6710,N,07439.3518,W,5.0,314.4,060414,11.9,W*4A
\$HEHDT,304.7,T*2F
\$GPVTG,314.4,T,326.3,M,5.0,N,9.3,K*47
\$GPZDA,075200,06,04,2014,00,00*4D
\$GPGBS,075200,,,,,,,,*41
\$GPGGA,075201,3451.6718,N,07439.3532,W,2,8,0.3,9,M,,M,,*65
\$HEHDT,304.6,T*2E
PORT 12000 04-06-2014 07:52:51
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PORT 4 04-06-2014 07:52:52
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\$HEHDT,305.2,T*2B
\$GPVTG,312.9,T,324.8,M,5.0,N,9.3,K*45
\$GPZDA,075201,06,04,2014,00,00*4C
\$GPGBS,075201,,,,,,,,*40
\$GPGGA,075202,3451.6728,N,07439.3546,W,2,8,0.3,9,M,,M,,*66
\$HEHDT,305.5,T*2C

PORT 4 04-06-2014 07:52:53
\$GPGLL,3451.6728,N,07439.3546,W,075202,A*3F
\$GPRMC,075202,A,3451.6728,N,07439.3546,W,4.9,311.8,060414,11.9,W*49
\$HEHDT,305.7,T*2E
\$GPVTG,311.8,T,323.7,M,4.9,N,9.1,K*45
\$GPZDA,075202,06,04,2014,00,00*4F
\$GPGBS,075202,,,,,,,,*43
\$GPGGA,075203,3451.6740,N,07439.3554,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,305.9,T*20

PORT 4 04-06-2014 07:52:54
\$GPGLL,3451.6740,N,07439.3554,W,075203,A*33
\$GPRMC,075203,A,3451.6740,N,07439.3554,W,5.0,313.6,060414,11.9,W*41

S01_C04_survey.Log

\$GPVTG,313.6,T,325.5,M,5.0,N,9.3,K*47
\$GPZDA,075203,06,04,2014,00,00*4E
\$HEHDT,304.8,T*20
\$GPGBS,075203,001.5,005.1,000.1,12,0.05,0026.0,012.5*47
\$GPGGA,075204,3451.6750,N,07439.3562,W,2,9,0.3,9,M,,M,,*68
\$GPGLL,3451.6750,N,07439.3562,W,075204,A*30
\$HEHDT,304.8,T*20
\$GPRMC,075204,A,3451.6750,N,07439.3562,W,5.0,314.2,060414,11.9,W*41
\$GPVTG,314.2,T,326.1,M,5.0,N,9.3,K*43
\$GPZDA,075204,06,04,2014,00,00*49
\$GPGBS,075204,000.6,005.8,001.3,12,0.05,0023.4,012.5*49
\$GPGGA,075205,3451.6758,N,07439.3575,W,2,9,0.3,9,M,,M,,*67
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PORT 4 04-06-2014 07:52:56
\$GPGLL,3451.6758,N,07439.3575,W,075205,A*3F
\$GPRMC,075205,A,3451.6758,N,07439.3575,W,5.0,314.2,060414,11.9,W*4E
\$HEHDT,304.7,T*2F
\$GPVTG,314.2,T,326.1,M,5.0,N,9.3,K*43
\$GPZDA,075205,06,04,2014,00,00*48
\$GPGBS,075205,,,,,,,,*44
\$GPGGA,075206,3451.6768,N,07439.3589,W,2,8,0.3,9,M,,M,,*65
\$HEHDT,304.5,T*2D

PORT 4 04-06-2014 07:52:57
\$GPGLL,3451.6768,N,07439.3589,W,075206,A*3C
\$GPRMC,075206,A,3451.6768,N,07439.3589,W,4.9,313.9,060414,11.9,W*49
\$HEHDT,304.9,T*21
\$GPVTG,313.9,T,325.8,M,4.9,N,9.1,K*4F
\$GPZDA,075206,06,04,2014,00,00*4B
\$GPGBS,075206,,,,,,,,*47
\$GPGGA,075207,3451.6779,N,07439.3600,W,2,8,0.3,9,M,,M,,*66
\$HEHDT,305.2,T*2B

PORT 4 04-06-2014 07:52:58
\$GPGLL,3451.6779,N,07439.3600,W,075207,A*3F
\$GPRMC,075207,A,3451.6779,N,07439.3600,W,5.0,314.0,060414,11.9,W*4C
\$HEHDT,304.6,T*2E
\$GPVTG,314.0,T,325.9,M,5.0,N,9.3,K*4A
\$GPZDA,075207,06,04,2014,00,00*4A
\$GPGBS,075207,001.0,002.8,000.4,12,0.05,0021.6,012.5*4C
\$GPGGA,075208,3451.6790,N,07439.3612,W,2,9,0.3,9,M,,M,,*6C
\$HEHDT,304.8,T*20

PORT 4 04-06-2014 07:52:59
\$GPGLL,3451.6790,N,07439.3612,W,075208,A*34
\$GPRMC,075208,A,3451.6790,N,07439.3612,W,5.0,315.2,060414,11.9,W*44
\$GPVTG,315.2,T,327.1,M,5.0,N,9.3,K*43
\$GPZDA,075208,06,04,2014,00,00*45
\$HEHDT,304.8,T*20
\$GPGBS,075208,,,,,,,,*49
\$GPGGA,075209,3451.6790,N,07439.3612,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,304.7,T*2F

PORT 4 04-06-2014 07:53:00
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\$GPZDA,075209,06,04,2014,00,00*44
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PORT 4 04-06-2014 07:53:01

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PORT 4 04-06-2014 07:53:02

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\$HEHDT,304.7,T*2F
\$GPVTG,313.0,T,324.9,M,5.0,N,9.3,K*4C
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\$GPZDA,075213,06,04,2014,00,00*4F
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PORT 4 04-06-2014 07:53:05

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\$HEHDT,304.4,T*2C

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PORT 4 04-06-2014 07:53:09
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$GPGBS,075225,,,,,,,,*46
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PORT 4 04-06-2014 07:53:21
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PORT 5 04-06-2014 07:53:22
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PORT 4 04-06-2014 07:53:22
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\$GPVTG,312.8,T,324.7,M,4.9,N,9.1,K*41
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PORT 4 04-06-2014 07:53:23
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PORT 4 04-06-2014 07:53:24
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PORT 4 04-06-2014 07:53:25
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\$HEHDT,306.5,T*2F
\$GPVTG,313.3,T,325.2,M,5.0,N,9.3,K*45
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PORT 5 04-06-2014 07:53:27
04999 ms
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PORT 4 04-06-2014 07:53:27
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PORT 4 04-06-2014 07:53:28
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PORT 4 04-06-2014 07:53:29
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PORT 4 04-06-2014 07:53:30
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PORT 4 04-06-2014 07:53:31
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PORT 4 04-06-2014 07:53:33
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$GPRMC,075242,A,3451.7115,N,07439.4021,W,4.9,314.3,060414,11.9,W*49
$GPVTG,314.3,T,326.2,M,4.9,N,9.1,K*4B
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$GPGBS,075242,,,,,,,,*47
$GPGGA,075243,3451.7125,N,07439.4034,W,2,8,0.3,9,M,,M,,*6E
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PORT 4 04-06-2014 07:53:34
$GPGLL,3451.7125,N,07439.4034,W,075243,A*37
$HEHDT,306.1,T*2B
$GPRMC,075243,A,3451.7125,N,07439.4034,W,4.9,314.3,060414,11.9,W*4F
$GPVTG,314.3,T,326.2,M,4.9,N,9.1,K*4B
$GPZDA,075243,06,04,2014,00,00*4A
$GPGBS,075243,000.9,002.6,000.3,12,0.05,0019.9,012.5*49
$GPGGA,075244,3451.7133,N,07439.4044,W,2,9,0.3,9,M,,M,,*68
$HEHDT,305.8,T*21
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PORT 4 04-06-2014 07:53:35
$GPGLL,3451.7133,N,07439.4044,W,075244,A*30
$GPRMC,075244,A,3451.7133,N,07439.4044,W,5.0,314.1,060414,11.9,W*42
$GPVTG,314.1,T,326.0,M,5.0,N,9.3,K*41
$HEHDT,305.3,T*2A
$GPZDA,075244,06,04,2014,00,00*4D
$GPGBS,075244,001.7,005.7,000.1,12,0.05,0028.5,012.5*4B
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PORT 4 04-06-2014 07:53:36
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$GPRMC,075245,A,3451.7141,N,07439.4057,W,4.9,313.0,060414,11.9,W*4A
$GPVTG,313.0,T,324.9,M,4.9,N,9.1,K*46
$HEHDT,305.3,T*2A
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$GPGBS,075245,,,,,,,,*40
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$GPGLL,3451.7154,N,07439.4066,W,075246,A*33
$GPRMC,075246,A,3451.7154,N,07439.4066,W,4.9,313.0,060414,11.9,W*4F
$GPVTG,313.0,T,324.9,M,4.9,N,9.1,K*46
$GPZDA,075246,06,04,2014,00,00*4F
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PORT 4 04-06-2014 07:53:37
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$GPRMC,075247,A,3451.7165,N,07439.4080,W,5.0,314.8,060414,11.9,W*43
$GPVTG,314.8,T,326.7,M,5.0,N,9.3,K*4F
$GPZDA,075247,06,04,2014,00,00*4E
$GPGBS,075247,,,,,,,,*42
$GPGGA,075248,3451.7175,N,07439.4091,W,2,8,0.3,9,M,,M,,*6F
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$HEHDT,306.3,T*29
$GPVTG,316.1,T,328.0,M,5.0,N,9.3,K*4D
$GPZDA,075248,06,04,2014,00,00*41
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PORT 4 04-06-2014 07:53:40
$GPGLL,3451.7184,N,07439.4103,W,075249,A*33
$HEHDT,305.8,T*21
$GPRMC,075249,A,3451.7184,N,07439.4103,W,4.9,316.0,060414,11.9,w*4A
$GPVTG,316.0,T,327.9,M,4.9,N,9.1,K*40
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$GPGBS,075249,,,,,,,,*4C
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PORT 4 04-06-2014 07:53:41
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$GPRMC,075250,A,3451.7193,N,07439.4114,W,4.9,316.0,060414,11.9,w*42
$HEHDT,305.0,T*29
$GPVTG,316.0,T,327.9,M,4.9,N,9.1,K*40
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$GPGBS,075250,001.1,003.2,000.4,12,0.05,0015.7,012.5*42
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PORT 4 04-06-2014 07:53:42
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$GPVTG,315.1,T,327.0,M,4.9,N,9.1,K*4B
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$GPGBS,075251,000.9,003.1,000.0,12,0.05,0015.0,012.5*4A
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$HEHDT,305.7,T*2E
$GPRMC,075252,A,3451.7212,N,07439.4138,W,4.9,314.5,060414,11.9,w*43
$GPVTG,314.5,T,326.4,M,4.9,N,9.1,K*4B
$GPZDA,075252,06,04,2014,00,00*4A
$GPGBS,075252,,,,,,,,*46
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$HEHDT,305.7,T*2E
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PORT 4 04-06-2014 07:53:43
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$GPRMC,075253,A,3451.7219,N,07439.4153,W,4.8,313.1,060414,11.9,w*46
$HEHDT,305.6,T*2F
$GPVTG,313.1,T,325.0,M,4.8,N,8.9,K*47
$GPZDA,075253,06,04,2014,00,00*4B
$GPGBS,075253,,,,,,,,*47
$GPGGA,075254,3451.7227,N,07439.4167,W,2,8,0.3,9,M,,M,,*6E
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PORT 4 04-06-2014 07:53:44
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$GPRMC,075254,A,3451.7227,N,07439.4167,W,4.9,311.9,060414,11.9,w*40
$HEHDT,305.5,T*2C

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\$GPVTG,311.9,T,323.8,M,4.9,N,9.1,K*4B
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\$GPGLL,3451.7238,N,07439.4178,W,075255,A*36
\$GPRMC,075255,A,3451.7238,N,07439.4178,W,4.9,311.9,060414,11.9,W*41
\$GPVTG,311.9,T,323.8,M,4.9,N,9.1,K*4B
\$HEHDT,305.5,T*2C
\$GPZDA,075255,06,04,2014,00,00*4D
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PORT 4 04-06-2014 07:53:46
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\$GPRMC,075256,A,3451.7249,N,07439.4187,W,4.9,312.8,060414,11.9,W*46
\$GPVTG,312.8,T,324.7,M,4.9,N,9.1,K*41
\$GPZDA,075256,06,04,2014,00,00*4E
\$GPGBS,075256,000.8,002.3,000.3,12,0.05,0017.6,012.5*48
\$HEHDT,304.9,T*21
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PORT 4 04-06-2014 07:53:47
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\$GPGBS,075257,,,,,,,,*43
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PORT 4 04-06-2014 07:53:48
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\$HEHDT,305.6,T*2F
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\$HEHDT,306.3,T*29

PORT 4 04-06-2014 07:53:49
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\$GPRMC,075259,A,3451.7277,N,07439.4225,W,4.9,314.2,060414,11.9,W*43
\$HEHDT,306.8,T*22
\$GPVTG,314.2,T,326.1,M,4.9,N,9.1,K*49
\$GPZDA,075259,06,04,2014,00,00*41
\$GPGBS,075259,,,,,,,,*4D
\$GPGGA,075300,3451.7287,N,07439.4237,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,306.0,T*2A

PORT 4 04-06-2014 07:53:50
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\$GPRMC,075300,A,3451.7287,N,07439.4237,W,4.9,314.6,060414,11.9,W*46
\$HEHDT,305.3,T*2A
\$GPVTG,314.6,T,326.5,M,4.9,N,9.1,K*49
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\$GPGBS,075300,,,,,,,,*40
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PORT 4 04-06-2014 07:53:51
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\$HEHDT,304.7,T*2F
\$GPZDA,075301,06,04,2014,00,00*4D
\$GPGBS,075301,001.6,004.5,000.6,12,0.05,0022.0,012.5*41
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PORT 4 04-06-2014 07:53:53
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\$GPGLL,3451.7303,N,07439.4262,W,075302,A*34
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\$GPZDA,075302,06,04,2014,00,00*4E
\$GPGBS,075302,,,,,,*42
\$HEHDT,304.9,T*21
\$GPGGA,075303,3451.7310,N,07439.4276,W,2,9,0.3,9,M,,M,,*6A

PORT 4 04-06-2014 07:53:54
\$HEHDT,305.3,T*2A
\$GPGLL,3451.7310,N,07439.4276,W,075303,A*32
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\$GPZDA,075303,06,04,2014,00,00*4F
\$GPGBS,075303,,,,,,*43
\$HEHDT,305.3,T*2A
\$GPGGA,075304,3451.7321,N,07439.4283,W,2,8,0.3,9,M,,M,,*64

PORT 4 04-06-2014 07:53:55
\$GPGLL,3451.7321,N,07439.4283,W,075304,A*3D
\$HEHDT,305.1,T*28
\$GPRMC,075304,A,3451.7321,N,07439.4283,W,4.8,311.1,060414,11.9,W*43
\$GPVTG,311.1,T,323.0,M,4.8,N,8.9,K*43
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\$GPGBS,075304,000.6,009.2,003.0,12,0.05,0037.7,012.5*49
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\$HEHDT,305.3,T*2A

PORT 4 04-06-2014 07:53:56
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\$GPVTG,312.2,T,324.1,M,4.9,N,9.1,K*4D
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\$GPGBS,075305,,,,,,*45
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\$HEHDT,304.7,T*2F

PORT 4 04-06-2014 07:53:57
\$GPGLL,3451.7343,N,07439.4302,W,075306,A*33
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\$GPVTG,314.7,T,326.6,M,4.9,N,9.1,K*4B
\$GPZDA,075306,06,04,2014,00,00*4A
\$GPGBS,075306,001.0,003.0,000.4,12,0.05,0014.2,012.5*47
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PORT 4 04-06-2014 07:53:58

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\$HEHDT,304.6,T*2E
\$GPGLL,3451.7350,N,07439.4317,W,075307,A*34
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\$GPVTG,313.9,T,325.8,M,4.8,N,8.9,K*47
\$HEHDT,304.9,T*21
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\$GPGBS,075307,,,,,,*47
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PORT 4 04-06-2014 07:53:59
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\$GPGLL,3451.7359,N,07439.4328,W,075308,A*3E
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\$GPVTG,313.9,T,325.8,M,4.8,N,8.9,K*47
\$GPZDA,075308,06,04,2014,00,00*44
\$GPGBS,075308,000.9,003.2,000.0,12,0.05,0016.3,012.5*44
\$HEHDT,304.9,T*21
\$GPGBA,075309,3451.7365,N,07439.4339,W,2,8,0.3,9,M,,M,,*69

PORT 4 04-06-2014 07:54:00
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\$GPZDA,075309,06,04,2014,00,00*45
\$GPGBS,075309,000.2,002.7,000.9,12,0.05,0016.8,012.5*48
\$HEHDT,305.4,T*2D
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PORT 4 04-06-2014 07:54:01
\$GPGLL,3451.7375,N,07439.4351,W,075310,A*37
\$GPRMC,075310,A,3451.7375,N,07439.4351,W,4.7,312.1,060414,11.9,W*45
\$HEHDT,304.6,T*2E
\$GPVTG,312.1,T,324.0,M,4.7,N,8.7,K*46
\$GPZDA,075310,06,04,2014,00,00*4D
\$GPGBS,075310,000.3,002.3,000.6,12,0.05,0014.2,012.5*42
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PORT 12000 04-06-2014 07:54:01
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PORT 4 04-06-2014 07:54:02
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\$GPVTG,312.7,T,324.6,M,4.7,N,8.7,K*46
\$HEHDT,305.2,T*2B
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\$HEHDT,305.1,T*28

PORT 4 04-06-2014 07:54:03
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\$GPVTG,314.6,T,326.5,M,4.9,N,9.1,K*49
\$GPZDA,075312,06,04,2014,00,00*4F
\$HEHDT,305.3,T*2A
\$GPGBS,075312,,,,,,*43
\$GPGBA,075313,3451.7406,N,07439.4389,W,2,8,0.3,9,M,,M,,*6B
\$HEHDT,305.3,T*2A
\$GPGLL,3451.7406,N,07439.4389,W,075313,A*32
\$GPRMC,075313,A,3451.7406,N,07439.4389,W,4.8,314.0,060414,11.9,W*48
\$GPVTG,314.0,T,325.9,M,4.8,N,8.9,K*48

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\$GPZDA,075313,06,04,2014,00,00*4E
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\$GPGGA,075314,3451.7414,N,07439.4403,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,305.1,T*28

PORT 4 04-06-2014 07:54:04
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\$HEHDT,305.2,T*2B
\$GPRMC,075314,A,3451.7414,N,07439.4403,W,4.8,314.0,060414,11.9,W*49
\$GPVTG,314.0,T,325.9,M,4.8,N,8.9,K*48
\$GPZDA,075314,06,04,2014,00,00*49
\$GPGBS,075314,,,,,*45
\$GPGGA,075315,3451.7422,N,07439.4417,W,2,8,0.3,9,M,,M,,*6B
\$HEHDT,304.7,T*2F

PORT 4 04-06-2014 07:54:05
\$GPGLL,3451.7422,N,07439.4417,W,075315,A*32
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\$HEHDT,304.8,T*20
\$GPVTG,312.9,T,324.8,M,4.8,N,8.9,K*47
\$GPZDA,075315,06,04,2014,00,00*48
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\$HEHDT,304.6,T*2E

PORT 4 04-06-2014 07:54:06
\$GPGLL,3451.7433,N,07439.4429,W,075316,A*3C
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\$GPVTG,313.2,T,325.1,M,4.9,N,9.1,K*4D
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\$GPZDA,075316,06,04,2014,00,00*4B
\$GPGBS,075316,,,,,*47
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PORT 4 04-06-2014 07:54:07
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\$GPGLL,3451.7444,N,07439.4442,W,075317,A*30
\$GPRMC,075317,A,3451.7444,N,07439.4442,W,4.9,313.9,060414,11.9,W*45
\$GPVTG,313.9,T,325.8,M,4.9,N,9.1,K*4F
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\$GPZDA,075317,06,04,2014,00,00*4A
\$GPGBS,075317,,,,,*46
\$GPGGA,075318,3451.7451,N,07439.4451,W,2,8,0.3,8,M,,M,,*61

PORT 4 04-06-2014 07:54:08
\$HEHDT,304.7,T*2F
\$GPGLL,3451.7451,N,07439.4451,W,075318,A*39
\$GPRMC,075318,A,3451.7451,N,07439.4451,W,4.9,313.9,060414,11.9,W*4C
\$GPVTG,313.9,T,325.8,M,4.9,N,9.1,K*4F
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\$GPGBS,075318,001.3,003.7,000.4,12,0.05,0028.5,012.5*44
\$GPGGA,075319,3451.7461,N,07439.4463,W,2,8,0.3,8,M,,M,,*62

PORT 5 04-06-2014 07:54:10
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PORT 4 04-06-2014 07:54:10
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\$GPGLL,3451.7461,N,07439.4463,W,075319,A*3A
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\$GPVTG,313.2,T,325.1,M,4.8,N,8.9,K*45
\$GPZDA,075319,06,04,2014,00,00*44
\$GPGBS,075319,001.2,003.3,000.4,12,0.05,0016.2,012.5*4A

S01_C04_survey.Log

\$HEHDT,304.8,T*20
\$GPGGA,075320,3451.7469,N,07439.4472,W,2,9,0.3,8,M,,M,,*61

PORT 4 04-06-2014 07:54:11
\$GPGLL,3451.7469,N,07439.4472,W,075320,A*38
\$HEHDT,304.8,T*20
\$GPRMC,075320,A,3451.7469,N,07439.4472,W,4.8,312.1,060414,11.9,W*45
\$GPVTG,312.1,T,324.0,M,4.8,N,8.9,K*47
\$GPZDA,075320,06,04,2014,00,00*4E
\$GPGBS,075320,001.1,003.6,000.0,12,0.05,0029.0,012.5*4C
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\$GPGLL,3451.7482,N,07439.4482,W,075321,A*33
\$GPRMC,075321,A,3451.7482,N,07439.4482,W,4.8,312.6,060414,11.9,W*49
\$HEHDT,304.7,T*2F
\$GPVTG,312.6,T,324.5,M,4.8,N,8.9,K*45
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\$GPGBS,075321,001.0,003.3,000.0,12,0.05,0026.0,012.5*46
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PORT 4 04-06-2014 07:54:12
\$HEHDT,304.9,T*21
\$GPGLL,3451.7491,N,07439.4493,W,075322,A*32
\$GPRMC,075322,A,3451.7491,N,07439.4493,W,4.8,314.0,060414,11.9,W*48
\$GPVTG,314.0,T,325.9,M,4.8,N,8.9,K*48
\$GPZDA,075322,06,04,2014,00,00*4C
\$HEHDT,304.9,T*21
\$GPGBS,075322,,,,,,*40
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PORT 4 04-06-2014 07:54:13
\$HEHDT,305.4,T*2D
\$GPGLL,3451.7500,N,07439.4507,W,075323,A*36
\$GPRMC,075323,A,3451.7500,N,07439.4507,W,4.8,315.0,060414,11.9,W*4D
\$GPVTG,315.0,T,326.9,M,4.8,N,8.9,K*4A
\$GPZDA,075323,06,04,2014,00,00*4D
\$GPGBS,075323,,,,,,*41
\$HEHDT,305.1,T*28
\$GPGGA,075324,3451.7508,N,07439.4521,W,2,8,0.3,8,M,,M,,*65

PORT 5 04-06-2014 07:54:15
04970 ms
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PORT 4 04-06-2014 07:54:15
\$HEHDT,305.3,T*2A
\$GPGLL,3451.7508,N,07439.4521,W,075324,A*3D
\$GPRMC,075324,A,3451.7508,N,07439.4521,W,4.8,314.7,060414,11.9,W*40
\$GPVTG,314.7,T,326.6,M,4.8,N,8.9,K*43
\$GPZDA,075324,06,04,2014,00,00*4A
\$GPGBS,075324,,,,,,*46
\$HEHDT,305.5,T*2C
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PORT 4 04-06-2014 07:54:16
\$GPGLL,3451.7516,N,07439.4532,W,075325,A*31
\$HEHDT,305.2,T*2B
\$GPRMC,075325,A,3451.7516,N,07439.4532,W,4.8,313.0,060414,11.9,W*4C
\$GPVTG,313.0,T,324.9,M,4.8,N,8.9,K*4E
\$GPZDA,075325,06,04,2014,00,00*4B
\$GPGBS,075325,001.9,006.5,000.0,12,0.05,0033.2,012.5*4E
\$GPGGA,075326,3451.7527,N,07439.4543,W,2,9,0.3,8,M,,M,,*6F

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\$HEHDT,305.5,T*2C

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PORT 4 04-06-2014 07:54:17

\$GPGLL,3451.7527,N,07439.4543,W,075326,A*36

\$GPRMC,075326,A,3451.7527,N,07439.4543,W,4.8,312.0,060414,11.9,W*4A

\$HEHDT,305.2,T*2B

\$GPVTG,312.0,T,323.9,M,4.8,N,8.9,K*48

\$GPZDA,075326,06,04,2014,00,00*48

\$GPGBS,075326,001.1,003.1,000.4,12,0.05,0023.6,012.5*45

\$GPZDA,075327,3451.7537,N,07439.4552,W,2,9,0.3,8,M,,M,,*6F

\$HEHDT,305.3,T*2A

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PORT 4 04-06-2014 07:54:18

\$GPGLL,3451.7537,N,07439.4552,W,075327,A*36

\$GPRMC,075327,A,3451.7537,N,07439.4552,W,4.8,312.3,060414,11.9,W*49

\$GPVTG,312.3,T,324.2,M,4.8,N,8.9,K*47

\$HEHDT,305.0,T*29

\$GPZDA,075327,06,04,2014,00,00*49

\$GPGBS,075327,001.5,004.3,000.5,12,0.05,0020.9,012.5*48

\$GPZDA,075328,3451.7545,N,07439.4566,W,2,9,0.3,8,M,,M,,*62

\$HEHDT,304.8,T*20

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PORT 4 04-06-2014 07:54:19

\$GPGLL,3451.7545,N,07439.4566,W,075328,A*3B

\$GPRMC,075328,A,3451.7545,N,07439.4566,W,4.8,312.4,060414,11.9,W*43

\$GPVTG,312.4,T,324.3,M,4.8,N,8.9,K*41

\$GPZDA,075328,06,04,2014,00,00*46

\$GPGBS,075328,,,,,,*4A

\$HEHDT,304.5,T*2D

\$GPZDA,075329,3451.7555,N,07439.4579,W,2,9,0.3,8,M,,M,,*6C

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PORT 4 04-06-2014 07:54:20

\$HEHDT,304.4,T*2C

\$GPGLL,3451.7555,N,07439.4579,W,075329,A*35

\$GPRMC,075329,A,3451.7555,N,07439.4579,W,4.8,312.1,060414,11.9,W*48

\$GPVTG,312.1,T,324.0,M,4.8,N,8.9,K*47

\$GPZDA,075329,06,04,2014,00,00*47

\$GPGBS,075329,,,,,,*4B

\$HEHDT,304.6,T*2E

\$GPZDA,075330,3451.7567,N,07439.4583,W,2,8,0.3,8,M,,M,,*61

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PORT 4 04-06-2014 07:54:21

\$GPGLL,3451.7567,N,07439.4583,W,075330,A*39

\$HEHDT,304.9,T*21

\$GPRMC,075330,A,3451.7567,N,07439.4583,W,4.8,312.9,060414,11.9,W*4C

\$GPVTG,312.9,T,324.8,M,4.8,N,8.9,K*47

\$GPZDA,075330,06,04,2014,00,00*4F

\$GPGBS,075330,002.1,009.6,001.0,12,0.05,0048.8,012.5*4A

\$GPZDA,075331,3451.7578,N,07439.4594,W,2,8,0.3,8,M,,M,,*68

\$HEHDT,304.9,T*21

PORT 12000 04-06-2014 07:54:21

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PORT 4 04-06-2014 07:54:22

\$GPGLL,3451.7578,N,07439.4594,W,075331,A*30

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\$HEHDT,304.7,T*2F

\$GPVTG,314.6,T,326.5,M,4.9,N,9.1,K*49

\$GPZDA,075331,06,04,2014,00,00*4E

\$GPGBS,075331,,,,,,*42

\$GPZDA,075332,3451.7587,N,07439.4608,W,2,8,0.3,8,M,,M,,*6D

\$HEHDT,305.0,T*29

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PORT 4 04-06-2014 07:54:23
 \$GPGLL,3451.7587,N,07439.4608,W,075332,A*35
 \$GPRMC,075332,A,3451.7587,N,07439.4608,W,4.9,316.4,060414,11.9,w*48
 \$HEHDT,305.3,T*2A
 \$GPVTG,316.4,T,328.3,M,4.9,N,9.1,K*41
 \$GPZDA,075332,06,04,2014,00,00*4D
 \$GPGBS,075332,,,,,,,,*41
 \$GPGGA,075333,3451.7594,N,07439.4617,W,2,8,0.3,8,M,,M,,*60
 \$HEHDT,305.0,T*29
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 PORT 4 04-06-2014 07:54:24
 \$GPGLL,3451.7594,N,07439.4617,W,075333,A*38
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 \$GPVTG,316.4,T,328.3,M,4.9,N,9.1,K*41
 \$HEHDT,304.8,T*20
 \$GPZDA,075333,06,04,2014,00,00*4C
 \$GPGBS,075333,000.8,007.3,001.8,12,0.05,0029.2,012.5*4C
 \$GPGGA,075334,3451.7599,N,07439.4634,W,2,9,0.3,8,M,,M,,*6A
 \$HEHDT,305.4,T*2D
 \$GPGLL,3451.7599,N,07439.4634,W,075334,A*33
 \$GPRMC,075334,A,3451.7599,N,07439.4634,W,4.8,314.3,060414,11.9,w*4A
 \$GPVTG,314.3,T,326.2,M,4.8,N,8.9,K*43
 \$GPZDA,075334,06,04,2014,00,00*4B
 \$GPGBS,075334,,,,,,,,*47
 \$GPGGA,075335,3451.7606,N,07439.4649,W,2,9,0.3,8,M,,M,,*64
 \$HEHDT,305.3,T*2A
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 PORT 4 04-06-2014 07:54:25
 \$GPGLL,3451.7606,N,07439.4649,W,075335,A*3D
 \$HEHDT,305.0,T*29
 \$GPRMC,075335,A,3451.7606,N,07439.4649,W,4.7,311.0,060414,11.9,w*4D
 \$GPVTG,311.0,T,322.9,M,4.7,N,8.7,K*4B
 \$GPZDA,075335,06,04,2014,00,00*4A
 \$GPGBS,075335,,,,,,,,*46
 \$GPGGA,075336,3451.7617,N,07439.4662,W,2,8,0.3,8,M,,M,,*6F
 \$HEHDT,305.3,T*2A
 #
 PORT 4 04-06-2014 07:54:27
 \$GPGLL,3451.7617,N,07439.4662,W,075336,A*37
 \$GPRMC,075336,A,3451.7617,N,07439.4662,W,4.8,309.5,060414,11.9,w*44
 \$HEHDT,305.1,T*28
 \$GPVTG,309.5,T,321.4,M,4.8,N,8.9,K*48
 \$GPZDA,075336,06,04,2014,00,00*49
 \$GPGBS,075336,,,,,,,,*45
 \$GPGGA,075337,3451.7628,N,07439.4671,W,2,8,0.3,8,M,,M,,*60
 \$HEHDT,304.8,T*20
 #
 PORT 4 04-06-2014 07:54:28
 \$GPGLL,3451.7628,N,07439.4671,W,075337,A*38
 \$GPRMC,075337,A,3451.7628,N,07439.4671,W,4.8,311.5,060414,11.9,w*42
 \$GPVTG,311.5,T,323.4,M,4.8,N,8.9,K*43
 \$HEHDT,304.6,T*2E
 \$GPZDA,075337,06,04,2014,00,00*48
 \$GPGBS,075337,,,,,,,,*44
 \$GPGGA,075338,3451.7638,N,07439.4682,W,2,8,0.3,7,M,,M,,*6D
 \$HEHDT,305.0,T*29
 #
 PORT 4 04-06-2014 07:54:29
 \$GPGLL,3451.7638,N,07439.4682,W,075338,A*3A
 \$GPRMC,075338,A,3451.7638,N,07439.4682,W,4.8,314.5,060414,11.9,w*45
 \$GPVTG,314.5,T,326.4,M,4.8,N,8.9,K*43
 \$GPZDA,075338,06,04,2014,00,00*47
 \$HEHDT,304.8,T*20

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\$GPGBS,075338,,,,,,,,*4B
\$GPGGA,075339,3451.7646,N,07439.4696,W,2,8,0.3,7,M,,M,,*60

PORT 4 04-06-2014 07:54:30
\$HEHDT,304.6,T*2E
\$GPGLL,3451.7646,N,07439.4696,W,075339,A*37
\$GPRMC,075339,A,3451.7646,N,07439.4696,W,4.8,315.3,060414,11.9,W*4F
\$GPVTG,315.3,T,327.2,M,4.8,N,8.9,K*43
\$GPZDA,075339,06,04,2014,00,00*46
\$GPGBS,075339,,,,,,,,*4A
\$GPGGA,075340,3451.7654,N,07439.4710,W,2,8,0.3,7,M,,M,,*62
\$HEHDT,305.0,T*29

PORT 4 04-06-2014 07:54:31
\$GPGLL,3451.7654,N,07439.4710,W,075340,A*35
\$HEHDT,305.3,T*2A
\$GPRMC,075340,A,3451.7654,N,07439.4710,W,4.8,314.1,060414,11.9,W*4E
\$GPVTG,314.1,T,326.0,M,4.8,N,8.9,K*43
\$GPZDA,075340,06,04,2014,00,00*48
\$GPGBS,075340,,,,,,,,*44
\$GPGGA,075341,3451.7664,N,07439.4723,W,2,8,0.3,7,M,,M,,*60
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PORT 12000 04-06-2014 07:54:31
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PORT 4 04-06-2014 07:54:32
\$GPGLL,3451.7664,N,07439.4723,W,075341,A*37
\$GPRMC,075341,A,3451.7664,N,07439.4723,W,4.8,313.4,060414,11.9,W*4E
\$HEHDT,304.9,T*21
\$GPVTG,313.4,T,325.3,M,4.8,N,8.9,K*41
\$GPZDA,075341,06,04,2014,00,00*49
\$GPGBS,075341,,,,,,,,*45
\$GPGGA,075342,3451.7674,N,07439.4732,W,2,8,0.3,7,M,,M,,*62
\$HEHDT,304.7,T*2F

PORT 4 04-06-2014 07:54:33
\$GPGLL,3451.7674,N,07439.4732,W,075342,A*35
\$GPRMC,075342,A,3451.7674,N,07439.4732,W,4.8,313.9,060414,11.9,W*41
\$GPVTG,313.9,T,325.8,M,4.8,N,8.9,K*47
\$HEHDT,304.6,T*2E
\$GPZDA,075342,06,04,2014,00,00*4A
\$GPGBS,075342,,,,,,,,*46
\$GPGGA,075343,3451.7682,N,07439.4745,W,2,8,0.3,7,M,,M,,*6A
\$HEHDT,304.6,T*2E

PORT 4 04-06-2014 07:54:34
\$GPGLL,3451.7682,N,07439.4745,W,075343,A*3D
\$GPRMC,075343,A,3451.7682,N,07439.4745,W,4.8,314.8,060414,11.9,W*4F
\$HEHDT,305.3,T*2A
\$GPVTG,314.8,T,326.7,M,4.8,N,8.9,K*4D
\$GPZDA,075343,06,04,2014,00,00*4B
\$GPGBS,075343,,,,,,,,*47
\$GPGGA,075344,3451.7693,N,07439.4757,W,2,8,0.3,7,M,,M,,*6E
\$HEHDT,305.7,T*2E
\$GPGLL,3451.7693,N,07439.4757,W,075344,A*39
\$GPRMC,075344,A,3451.7693,N,07439.4757,W,4.8,315.3,060414,11.9,W*41
\$GPVTG,315.3,T,327.2,M,4.8,N,8.9,K*43
\$GPZDA,075344,06,04,2014,00,00*4C
\$GPGBS,075344,,,,,,,,*40
\$GPGGA,075345,3451.7701,N,07439.4770,W,2,8,0.3,7,M,,M,,*60
\$HEHDT,304.6,T*2E

PORT 4 04-06-2014 07:54:35

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\$GPGLL,3451.7701,N,07439.4770,w,075345,A*37
\$HEHDT,304.6,T*2E
\$GPRMC,075345,A,3451.7701,N,07439.4770,w,4.8,315.2,060414,11.9,w*4E
\$GPVTG,315.2,T,327.1,M,4.8,N,8.9,K*41
\$GPZDA,075345,06,04,2014,00,00*4D
\$GPGBS,075345,,,,,,,,*41
\$GPGGA,075346,3451.7708,N,07439.4781,w,2,8,0.3,7,M,,M,,*64
\$HEHDT,304.4,T*2C

PORT 4 04-06-2014 07:54:36
\$GPGLL,3451.7708,N,07439.4781,w,075346,A*33
\$GPRMC,075346,A,3451.7708,N,07439.4781,w,4.8,314.8,060414,11.9,w*41
\$HEHDT,304.4,T*2C
\$GPVTG,314.8,T,326.7,M,4.8,N,8.9,K*4D
\$GPZDA,075346,06,04,2014,00,00*4E
\$GPGBS,075346,,,,,,,,*42
\$GPGGA,075347,3451.7715,N,07439.4793,w,2,8,0.3,7,M,,M,,*6A
\$HEHDT,304.5,T*2D

PORT 4 04-06-2014 07:54:37
\$GPGLL,3451.7715,N,07439.4793,w,075347,A*3D
\$GPRMC,075347,A,3451.7715,N,07439.4793,w,4.7,314.0,060414,11.9,w*48
\$HEHDT,304.6,T*2E
\$GPVTG,314.0,T,325.9,M,4.7,N,8.7,K*49
\$GPZDA,075347,06,04,2014,00,00*4F
\$GPGBS,075347,,,,,,,,*43
\$GPGGA,075348,3451.7725,N,07439.4807,w,2,8,0.3,7,M,,M,,*64

PORT 4 04-06-2014 07:54:38
\$HEHDT,304.8,T*20
\$GPGLL,3451.7725,N,07439.4807,w,075348,A*33
\$GPRMC,075348,A,3451.7725,N,07439.4807,w,4.6,312.9,060414,11.9,w*48
\$GPVTG,312.9,T,324.8,M,4.6,N,8.5,K*45
\$GPZDA,075348,06,04,2014,00,00*40
\$HEHDT,304.7,T*2F
\$GPGBS,075348,,,,,,,,*4C
\$GPGGA,075349,3451.7735,N,07439.4821,w,2,8,0.3,7,M,,M,,*60

PORT 4 04-06-2014 07:54:40
\$HEHDT,304.8,T*20
\$GPGLL,3451.7735,N,07439.4821,w,075349,A*37
\$GPRMC,075349,A,3451.7735,N,07439.4821,w,4.7,312.0,060414,11.9,w*44
\$HEHDT,304.8,T*20
\$GPVTG,312.0,T,323.9,M,4.7,N,8.7,K*49
\$GPZDA,075349,06,04,2014,00,00*41
\$GPGBS,075349,,,,,,,,*4D
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PORT 4 04-06-2014 07:54:41
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\$GPGLL,3451.7744,N,07439.4828,w,075350,A*30
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\$GPVTG,312.3,T,324.2,M,4.8,N,8.9,K*47
\$GPZDA,075350,06,04,2014,00,00*49
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PORT 4 04-06-2014 07:54:42
\$GPGLL,3451.7755,N,07439.4835,w,075351,A*3D
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\$GPRMC,075351,A,3451.7755,N,07439.4835,W,4.7,313.5,060414,11.9,w*4A
\$GPVTG,313.5,T,325.4,M,4.7,N,8.7,K*46
\$GPZDA,075351,06,04,2014,00,00*48
\$GPGGBS,075351,000.4,004.6,001.6,12,0.05,0018.8,012.5*44
\$GPGGA,075352,3451.7766,N,07439.4846,W,2,9,0.3,7,M,,M,,*6C
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PORT 4 04-06-2014 07:54:43
\$GPGLL,3451.7766,N,07439.4846,W,075352,A*3A
\$GPRMC,075352,A,3451.7766,N,07439.4846,W,4.7,315.4,060414,11.9,w*4A
\$HEHDT,305.5,T*2C
\$GPVTG,315.4,T,327.3,M,4.7,N,8.7,K*44
\$GPZDA,075352,06,04,2014,00,00*4B
\$GPGGBS,075352,,,,,,,,*47
\$GPGGA,075353,3451.7776,N,07439.4859,W,2,9,0.3,7,M,,M,,*62
\$HEHDT,304.7,T*2F

PORT 4 04-06-2014 07:54:44
\$GPGLL,3451.7776,N,07439.4859,W,075353,A*34
\$GPRMC,075353,A,3451.7776,N,07439.4859,W,4.8,316.4,060414,11.9,w*48
\$HEHDT,304.6,T*2E
\$GPVTG,316.4,T,328.3,M,4.8,N,8.9,K*49
\$GPZDA,075353,06,04,2014,00,00*4A
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\$GPGGA,075354,3451.7783,N,07439.4872,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,304.4,T*2C

PORT 4 04-06-2014 07:54:45
\$GPGLL,3451.7783,N,07439.4872,W,075354,A*30
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\$GPVTG,315.9,T,327.8,M,4.8,N,8.9,K*43
\$GPZDA,075354,06,04,2014,00,00*4D
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PORT 4 04-06-2014 07:54:46
\$GPGLL,3451.7791,N,07439.4886,W,075355,A*39
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\$GPGGA,075356,3451.7801,N,07439.4897,W,2,8,0.3,7,M,,M,,*6B
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\$HEHDT,304.3,T*2B

PORT 4 04-06-2014 07:54:47
\$GPRMC,075356,A,3451.7801,N,07439.4897,W,4.7,313.3,060414,11.9,w*4D
\$GPVTG,313.3,T,325.2,M,4.7,N,8.7,K*46
\$GPZDA,075356,06,04,2014,00,00*4F
\$GPGGBS,075356,,,,,,,,*43
\$GPGGA,075357,3451.7809,N,07439.4908,W,2,8,0.4,7,M,,M,,*62
\$HEHDT,304.2,T*2A

PORT 4 04-06-2014 07:54:49
\$HEHDT,304.8,T*20
\$GPGLL,3451.7809,N,07439.4908,W,075357,A*32
\$GPRMC,075357,A,3451.7809,N,07439.4908,W,4.8,313.6,060414,11.9,w*49
\$GPVTG,313.6,T,325.5,M,4.8,N,8.9,K*45
\$GPZDA,075357,06,04,2014,00,00*4E
\$GPGGBS,075357,,,,,,,,*42

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\$GPGGA,075358,3451.7820,N,07439.4916,W,2,5,0.4,7,M,,M,,*64
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\$GPGLL,3451.7820,N,07439.4916,W,075358,A*39
\$GPRMC,075358,A,3451.7820,N,07439.4916,W,4.8,314.0,060414,11.9,W*43
\$HEHDT,304.9,T*21
\$GPVTG,314.0,T,325.9,M,4.8,N,8.9,K*48
\$GPZDA,075358,06,04,2014,00,00*41
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\$GPGGA,075359,3451.7829,N,07439.4930,W,2,5,0.4,7,M,,M,,*68
\$HEHDT,305.1,T*28

PORT 4 04-06-2014 07:54:50
\$GPGLL,3451.7829,N,07439.4930,W,075359,A*35
\$GPRMC,075359,A,3451.7829,N,07439.4930,W,4.7,313.8,060414,11.9,W*4F
\$GPVTG,313.8,T,325.7,M,4.7,N,8.7,K*48
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\$HEHDT,304.9,T*21

PORT 4 04-06-2014 07:54:51
\$GPGLL,3451.7838,N,07439.4941,W,075400,A*38
\$GPRMC,075400,A,3451.7838,N,07439.4941,W,4.7,313.5,060414,11.9,W*4F
\$GPVTG,313.5,T,325.4,M,4.7,N,8.7,K*46
\$GPZDA,075400,06,04,2014,00,00*4B
\$GPGBS,075400,,,,,,*47
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PORT 4 04-06-2014 07:54:52
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\$GPRMC,075401,A,3451.7847,N,07439.4953,W,4.8,312.9,060414,11.9,W*47
\$GPVTG,312.9,T,324.8,M,4.8,N,8.9,K*47
\$GPZDA,075401,06,04,2014,00,00*4A
\$GPGBS,075401,,,,,,*46
\$HEHDT,304.6,T*2E
\$GPGGA,075402,3451.7860,N,07439.4958,W,2,5,0.4,7,M,,M,,*62

PORT 4 04-06-2014 07:54:53
\$GPGLL,3451.7860,N,07439.4958,W,075402,A*3F
\$HEHDT,304.4,T*2C
\$GPRMC,075402,A,3451.7860,N,07439.4958,W,4.8,312.8,060414,11.9,W*4B
\$GPVTG,312.8,T,324.7,M,4.8,N,8.9,K*49
\$GPZDA,075402,06,04,2014,00,00*49
\$GPGBS,075402,007.6,008.8,011.9,12,0.05,0048.6,012.5*47
\$GPGGA,075403,3451.7870,N,07439.4970,W,2,5,0.4,7,M,,M,,*68
\$HEHDT,304.5,T*2D

PORT 4 04-06-2014 07:54:54
\$GPGLL,3451.7870,N,07439.4970,W,075403,A*35
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\$HEHDT,303.8,T*27
\$GPVTG,313.6,T,325.5,M,4.7,N,8.7,K*44
\$GPZDA,075403,06,04,2014,00,00*48
\$GPGBS,075403,,,,,,*44
\$GPGGA,075404,3451.7880,N,07439.4981,W,2,8,0.3,7,M,,M,,*64
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PORT 4 04-06-2014 07:54:55

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\$HEHDT,304.4,T*2C

PORT 4 04-06-2014 07:54:56
\$GPGLL,3451.7888,N,07439.4994,W,075405,A*3E
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\$GPVTG,315.9,T,327.8,M,4.7,N,8.7,K*42
\$GPZDA,075405,06,04,2014,00,00*4E
\$HEHDT,305.0,T*29
\$GPGBS,075405,,,,,,,,*42
\$GPGGA,075406,3451.7896,N,07439.5007,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,304.7,T*2F

PORT 4 04-06-2014 07:54:57
\$GPGLL,3451.7896,N,07439.5007,W,075406,A*30
\$GPRMC,075406,A,3451.7896,N,07439.5007,W,4.7,316.0,060414,11.9,W*47
\$GPVTG,316.0,T,327.9,M,4.7,N,8.7,K*49
\$GPZDA,075406,06,04,2014,00,00*4D
\$GPGBS,075406,,,,,,,,*41
\$HEHDT,304.7,T*2F
\$GPGGA,075407,3451.7906,N,07439.5017,W,2,8,0.3,7,M,,M,,*6F

PORT 4 04-06-2014 07:54:59
\$HEHDT,304.9,T*21
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\$GPVTG,315.0,T,326.9,M,4.8,N,8.9,K*4A
\$GPZDA,075407,06,04,2014,00,00*4C
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\$HEHDT,304.5,T*2D
\$GPGGA,075408,3451.7914,N,07439.5027,W,2,9,0.3,7,M,,M,,*61
\$GPGLL,3451.7914,N,07439.5027,W,075408,A*37
\$GPRMC,075408,A,3451.7914,N,07439.5027,W,4.8,314.3,060414,11.9,W*4E
\$HEHDT,304.5,T*2D
\$GPVTG,314.3,T,326.2,M,4.8,N,8.9,K*43
\$GPZDA,075408,06,04,2014,00,00*43
\$GPGBS,075408,001.3,004.3,000.1,12,0.05,0034.2,012.5*4E
\$GPGGA,075409,3451.7923,N,07439.5041,W,2,9,0.3,7,M,,M,,*64
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PORT 5 04-06-2014 07:55:00
IN
PORT 4 04-06-2014 07:55:00
\$GPGLL,3451.7923,N,07439.5041,W,075409,A*32
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\$HEHDT,304.9,T*21
\$GPVTG,314.0,T,325.9,M,4.7,N,8.7,K*49
\$GPZDA,075409,06,04,2014,00,00*42
\$GPGBS,075409,,,,,,,,*4E
\$GPGGA,075410,3451.7932,N,07439.5049,W,2,8,0.3,7,M,,M,,*65
\$HEHDT,305.2,T*2B

PORT 4 04-06-2014 07:55:01
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\$GPVTG,313.4,T,325.3,M,4.7,N,8.7,K*40
\$HEHDT,305.5,T*2C

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\$GPZDA,075411,06,04,2014,00,00*4B
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\$GPGLL,3451.7952,N,07439.5074,W,075412,A*38
\$GPRMC,075412,A,3451.7952,N,07439.5074,W,4.8,312.1,060414,11.9,W*45
\$GPVTG,312.1,T,324.0,M,4.8,N,8.9,K*47
\$GPZDA,075412,06,04,2014,00,00*48
\$GPGBS,075412,,,,,,*44
\$HEHDT,304.5,T*2D
\$GPGGA,075413,3451.7961,N,07439.5081,W,2,9,0.3,7,M,,M,,*65

PORT 4 04-06-2014 07:55:04
\$GPGLL,3451.7961,N,07439.5081,W,075413,A*33
\$HEHDT,304.6,T*2E
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\$GPVTG,313.4,T,325.3,M,4.8,N,8.9,K*41
\$GPZDA,075413,06,04,2014,00,00*49
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\$GPGGA,075414,3451.7971,N,07439.5094,W,2,9,0.3,7,M,,M,,*67
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PORT 5 04-06-2014 07:55:05
04945 mS
*
PORT 4 04-06-2014 07:55:05
\$GPGLL,3451.7971,N,07439.5094,W,075414,A*31
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\$GPVTG,314.9,T,326.8,M,4.7,N,8.7,K*42
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\$GPGGA,075415,3451.7979,N,07439.5108,W,2,9,0.3,7,M,,M,,*6A
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PORT 4 04-06-2014 07:55:06
\$GPGLL,3451.7979,N,07439.5108,W,075415,A*3C
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\$HEHDT,305.6,T*2F
\$GPVTG,315.2,T,327.1,M,4.7,N,8.7,K*40
\$GPZDA,075415,06,04,2014,00,00*4F
\$GPGBS,075415,,,,,,*43
\$GPGGA,075416,3451.7989,N,07439.5118,W,2,9,0.3,7,M,,M,,*67
\$HEHDT,305.2,T*2B

PORT 4 04-06-2014 07:55:07
\$GPGLL,3451.7989,N,07439.5118,W,075416,A*31
\$GPRMC,075416,A,3451.7989,N,07439.5118,W,4.8,314.5,060414,11.9,W*4E
\$GPVTG,314.5,T,326.4,M,4.8,N,8.9,K*43
\$GPZDA,075416,06,04,2014,00,00*4C
\$GPGBS,075416,001.1,003.0,000.3,12,0.05,0014.6,012.5*43

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\$HEHDT,305.5,T*2C
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\$GPGLL,3451.7996,N,07439.5132,W,075417,A*36
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\$GPVTG,313.9,T,325.8,M,4.7,N,8.7,K*46
\$GPZDA,075417,06,04,2014,00,00*4D
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\$GPGGA,075418,3451.8006,N,07439.5143,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,306.1,T*2B
\$GPGLL,3451.8006,N,07439.5143,W,075418,A*30
\$GPRMC,075418,A,3451.8006,N,07439.5143,W,4.6,313.4,060414,11.9,W*47
\$HEHDT,305.5,T*2C
\$GPVTG,313.4,T,325.3,M,4.6,N,8.5,K*43
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\$GPGBS,075418,,,,,,,,*4E
\$GPGGA,075419,3451.8015,N,07439.5157,W,2,8,0.3,6,M,,M,,*60
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PORT 4 04-06-2014 07:55:10
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\$GPVTG,313.9,T,325.8,M,4.7,N,8.7,K*46
\$GPZDA,075419,06,04,2014,00,00*43
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PORT 4 04-06-2014 07:55:11
\$GPGLL,3451.8026,N,07439.5165,W,075420,A*3D
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\$HEHDT,306.1,T*2B
\$GPVTG,314.5,T,326.4,M,4.8,N,8.9,K*43
\$GPZDA,075420,06,04,2014,00,00*49
\$GPGBS,075420,002.4,005.8,001.0,12,0.05,0029.4,012.5*40
\$GPGGA,075421,3451.8035,N,07439.5175,W,2,8,0.3,6,M,,M,,*69
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PORT 12000 04-06-2014 07:55:11
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\$HEHDT,306.3,T*29
\$GPZDA,075421,06,04,2014,00,00*48
\$GPGBS,075421,002.4,004.8,002.0,12,0.05,0022.3,012.5*4F
\$GPGGA,075422,3451.8044,N,07439.5189,W,2,9,0.3,6,M,,M,,*6E
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\$GPGLL,3451.8044,N,07439.5189,W,075422,A*39
\$GPRMC,075422,A,3451.8044,N,07439.5189,W,4.7,314.1,060414,11.9,W*4D
\$GPVTG,314.1,T,326.0,M,4.7,N,8.7,K*42
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PORT 4 04-06-2014 07:55:14
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\$GPZDA,075423,06,04,2014,00,00*4A
\$GPGBS,075423,,,,,,,,*46
\$GPGGA,075424,3451.8062,N,07439.5211,W,2,8,0.3,6,M,,M,,*6F
\$HEHDT,305.9,T*20

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PORT 4 04-06-2014 07:55:15

\$HEHDT,305.8,T*21
\$GPGLL,3451.8062,N,07439.5211,W,075424,A*39
\$GPRMC,075424,A,3451.8062,N,07439.5211,W,4.8,314.0,060414,11.9,w*43
\$GPVTG,314.0,T,325.9,M,4.8,N,8.9,K*48
\$GPZDA,075424,06,04,2014,00,00*4D
\$GPGBS,075424,000.8,002.1,000.2,12,0.05,0015.9,012.5*45
\$GPGGA,075425,3451.8075,N,07439.5216,W,2,8,0.3,6,M,,M,,*6F
\$HEHDT,305.7,T*2E

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PORT 4 04-06-2014 07:55:16

\$GPGLL,3451.8075,N,07439.5216,W,075425,A*39
\$GPRMC,075425,A,3451.8075,N,07439.5216,W,4.8,315.3,060414,11.9,w*41
\$HEHDT,306.0,T*2A
\$GPVTG,315.3,T,327.2,M,4.8,N,8.9,K*43
\$GPZDA,075425,06,04,2014,00,00*4C
\$GPGBS,075425,002.5,007.3,000.6,12,0.05,0035.2,012.5*41
\$GPGGA,075426,3451.8083,N,07439.5230,W,2,9,0.3,6,M,,M,,*60
\$HEHDT,306.0,T*2A

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PORT 4 04-06-2014 07:55:17

\$GPGLL,3451.8083,N,07439.5230,W,075426,A*37
\$GPRMC,075426,A,3451.8083,N,07439.5230,W,4.8,316.2,060414,11.9,w*4D
\$HEHDT,306.7,T*2D
\$GPVTG,316.2,T,328.1,M,4.8,N,8.9,K*4D
\$GPZDA,075426,06,04,2014,00,00*4F
\$GPGBS,075426,,,,,,,,*43
\$GPGGA,075427,3451.8091,N,07439.5242,W,2,9,0.3,6,M,,M,,*67
\$HEHDT,305.9,T*20

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PORT 4 04-06-2014 07:55:18

\$GPGLL,3451.8091,N,07439.5242,W,075427,A*30
\$GPRMC,075427,A,3451.8091,N,07439.5242,W,4.8,315.5,060414,11.9,w*4E
\$HEHDT,306.7,T*2D
\$GPVTG,315.5,T,327.4,M,4.8,N,8.9,K*43
\$GPZDA,075427,06,04,2014,00,00*4E
\$GPGBS,075427,001.3,003.6,000.3,12,0.05,0027.5,012.5*46
\$GPGGA,075428,3451.8102,N,07439.5251,W,2,9,0.3,6,M,,M,,*61

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PORT 4 04-06-2014 07:55:19

\$HEHDT,306.9,T*23
\$GPGLL,3451.8102,N,07439.5251,W,075428,A*36
\$GPRMC,075428,A,3451.8102,N,07439.5251,W,4.8,314.4,060414,11.9,w*48
\$GPVTG,314.4,T,326.3,M,4.8,N,8.9,K*45
\$GPZDA,075428,06,04,2014,00,00*41
\$HEHDT,307.0,T*2B
\$GPGBS,075428,001.8,004.9,000.5,12,0.05,0024.0,012.5*4A
\$GPGGA,075429,3451.8112,N,07439.5262,W,2,9,0.3,6,M,,M,,*61

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PORT 4 04-06-2014 07:55:20

\$HEHDT,306.8,T*22
\$GPGLL,3451.8112,N,07439.5262,W,075429,A*36
\$GPRMC,075429,A,3451.8112,N,07439.5262,W,4.8,315.3,060414,11.9,w*4E
\$GPVTG,315.3,T,327.2,M,4.8,N,8.9,K*43
\$GPZDA,075429,06,04,2014,00,00*40
\$GPGBS,075429,001.2,003.3,000.3,12,0.05,0024.4,012.5*4E

S01_C04_survey.Log

\$HEHDT,305.8,T*21
\$GPGGA,075430,3451.8123,N,07439.5271,W,2,9,0.3,6,M,,M,,*69
\$GPGLL,3451.8123,N,07439.5271,W,075430,A*3E
\$GPRMC,075430,A,3451.8123,N,07439.5271,W,4.8,315.3,060414,11.9,W*46
\$GPVTG,315.3,T,327.2,M,4.8,N,8.9,K*43
\$HEHDT,305.9,T*20
\$GPZDA,075430,06,04,2014,00,00*48
\$GPGBS,075430,002.2,006.0,000.5,12,0.05,0028.1,012.5*4C
\$GPGGA,075431,3451.8130,N,07439.5284,W,2,9,0.3,6,M,,M,,*60

PORT 4 04-06-2014 07:55:21
\$HEHDT,305.7,T*2E
\$GPGLL,3451.8130,N,07439.5284,W,075431,A*37
\$GPRMC,075431,A,3451.8130,N,07439.5284,W,4.8,315.7,060414,11.9,W*4B
\$GPVTG,315.7,T,327.6,M,4.8,N,8.9,K*43
\$HEHDT,306.1,T*2B
\$GPZDA,075431,06,04,2014,00,00*49
\$GPGBS,075431,,,,,,*45
\$GPGGA,075432,3451.8138,N,07439.5298,W,2,5,0.4,7,M,,M,,*6C
PORT 12000 04-06-2014 07:55:21
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:55:22
\$HEHDT,306.3,T*29
\$GPGLL,3451.8138,N,07439.5298,W,075432,A*31
\$GPRMC,075432,A,3451.8138,N,07439.5298,W,4.8,315.4,060414,11.9,W*4E
\$GPVTG,315.4,T,327.3,M,4.8,N,8.9,K*45
\$GPZDA,075432,06,04,2014,00,00*4A
\$HEHDT,306.8,T*22
\$GPGBS,075432,,,,,,*46
\$GPGGA,075433,3451.8148,N,07439.5310,W,2,5,0.3,7,M,,M,,*6C

PORT 4 04-06-2014 07:55:23
\$HEHDT,306.3,T*29
\$GPGLL,3451.8148,N,07439.5310,W,075433,A*36
\$GPRMC,075433,A,3451.8148,N,07439.5310,W,4.8,315.0,060414,11.9,W*4D
\$GPVTG,315.0,T,326.9,M,4.8,N,8.9,K*4A
\$GPZDA,075433,06,04,2014,00,00*4B
\$GPGBS,075433,,,,,,*47
\$GPGGA,075434,3451.8158,N,07439.5323,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,305.7,T*2E

PORT 4 04-06-2014 07:55:24
\$GPGLL,3451.8158,N,07439.5323,W,075434,A*30
\$HEHDT,305.5,T*2C
\$GPRMC,075434,A,3451.8158,N,07439.5323,W,4.8,314.9,060414,11.9,W*43
\$GPVTG,314.9,T,326.8,M,4.8,N,8.9,K*43
\$GPZDA,075434,06,04,2014,00,00*4C
\$GPGBS,075434,,,,,,*40
\$GPGGA,075435,3451.8166,N,07439.5336,W,2,8,0.4,7,M,,M,,*68
\$HEHDT,305.1,T*28

PORT 4 04-06-2014 07:55:25
\$GPGLL,3451.8166,N,07439.5336,W,075435,A*38
\$GPRMC,075435,A,3451.8166,N,07439.5336,W,4.8,315.0,060414,11.9,W*43
\$HEHDT,305.4,T*2D
\$GPVTG,315.0,T,326.9,M,4.8,N,8.9,K*4A
\$GPZDA,075435,06,04,2014,00,00*4D
\$GPGBS,075435,,,,,,*41
\$GPGGA,075436,3451.8174,N,07439.5349,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,305.2,T*2B

PORT 4 04-06-2014 07:55:26

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\$GPGLL,3451.8174,N,07439.5349,W,075436,A*30
\$GPRMC,075436,A,3451.8174,N,07439.5349,W,4.8,314.8,060414,11.9,W*42
\$GPVTG,314.8,T,326.7,M,4.8,N,8.9,K*4D
\$HEHDT,305.1,T*28
\$GPZDA,075436,06,04,2014,00,00*4E
\$GPGBS,075436,,,,,,,,*42
\$GPGGA,075437,3451.8184,N,07439.5361,W,2,8,0.3,7,M,,M,,*63

PORT 4 04-06-2014 07:55:28
\$HEHDT,305.6,T*2F
\$GPGLL,3451.8184,N,07439.5361,W,075437,A*34
\$GPRMC,075437,A,3451.8184,N,07439.5361,W,4.8,314.3,060414,11.9,W*4D
\$HEHDT,305.5,T*2C
\$GPVTG,314.3,T,326.2,M,4.8,N,8.9,K*43
\$GPZDA,075437,06,04,2014,00,00*4F
\$GPGBS,075437,,,,,,,,*43
\$GPGGA,075438,3451.8195,N,07439.5371,W,2,8,0.3,7,M,,M,,*6D

PORT 4 04-06-2014 07:55:29
\$GPGLL,3451.8195,N,07439.5371,W,075438,A*3A
\$HEHDT,305.7,T*2E
\$GPRMC,075438,A,3451.8195,N,07439.5371,W,4.8,314.9,060414,11.9,W*49
\$GPVTG,314.9,T,326.8,M,4.8,N,8.9,K*43
\$GPZDA,075438,06,04,2014,00,00*40
\$GPGBS,075438,000.8,002.8,000.1,12,0.05,0021.5,012.5*49
\$GPGGA,075439,3451.8205,N,07439.5382,W,2,8,0.3,7,M,,M,,*6A
\$HEHDT,305.2,T*2B

PORT 4 04-06-2014 07:55:30
\$GPGLL,3451.8205,N,07439.5382,W,075439,A*3D
\$HEHDT,305.3,T*2A
\$GPRMC,075439,A,3451.8205,N,07439.5382,W,4.8,316.4,060414,11.9,W*41
\$GPVTG,316.4,T,328.3,M,4.8,N,8.9,K*49
\$GPZDA,075439,06,04,2014,00,00*41
\$GPGBS,075439,,,,,,,,*4D
\$GPGGA,075440,3451.8212,N,07439.5396,W,2,8,0.3,7,M,,M,,*67
\$HEHDT,305.2,T*2B

PORT 4 04-06-2014 07:55:31
\$GPGLL,3451.8212,N,07439.5396,W,075440,A*30
\$HEHDT,305.5,T*2C
\$GPRMC,075440,A,3451.8212,N,07439.5396,W,4.8,316.7,060414,11.9,W*4F
\$GPVTG,316.7,T,328.6,M,4.8,N,8.9,K*4F
\$GPZDA,075440,06,04,2014,00,00*4F
\$GPGBS,075440,,,,,,,,*43
\$GPGGA,075441,3451.8221,N,07439.5406,W,2,8,0.3,7,M,,M,,*68
\$HEHDT,305.4,T*2D
PORT 12000 04-06-2014 07:55:31
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 07:55:32
\$GPGLL,3451.8221,N,07439.5406,W,075441,A*3F
\$GPRMC,075441,A,3451.8221,N,07439.5406,W,4.8,315.5,060414,11.9,W*41
\$HEHDT,305.6,T*2F
\$GPVTG,315.5,T,327.4,M,4.8,N,8.9,K*43
\$GPZDA,075441,06,04,2014,00,00*4E
\$GPGBS,075441,002.1,005.9,000.6,12,0.05,0029.1,012.5*41
\$GPGGA,075442,3451.8230,N,07439.5419,W,2,9,0.3,7,M,,M,,*64
\$HEHDT,304.9,T*21

PORT 4 04-06-2014 07:55:33
\$GPGLL,3451.8230,N,07439.5419,W,075442,A*32
\$GPRMC,075442,A,3451.8230,N,07439.5419,W,4.8,313.6,060414,11.9,W*49

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\$GPVTG,313.6,T,325.5,M,4.8,N,8.9,K*45
\$GPZDA,075442,06,04,2014,00,00*4D
\$HEHDT,305.3,T*2A
\$GPGBS,075442,,,,,,,,*41
\$GPGGA,075443,3451.8241,N,07439.5430,W,2,9,0.3,7,M,,M,,*68

PORT 4 04-06-2014 07:55:34
\$HEHDT,305.4,T*2D
\$GPGLL,3451.8241,N,07439.5430,W,075443,A*3E
\$GPRMC,075443,A,3451.8241,N,07439.5430,W,4.8,313.4,060414,11.9,w*47
\$GPVTG,313.4,T,325.3,M,4.8,N,8.9,K*41
\$GPZDA,075443,06,04,2014,00,00*4C
\$GPGBS,075443,,,,,,,,*40
\$HEHDT,305.3,T*2A
\$GPGGA,075444,3451.8250,N,07439.5442,W,2,8,0.3,7,M,,M,,*6B

PORT 4 04-06-2014 07:55:35
\$GPGLL,3451.8250,N,07439.5442,W,075444,A*3C
\$HEHDT,304.6,T*2E
\$GPRMC,075444,A,3451.8250,N,07439.5442,W,4.8,314.8,060414,11.9,w*4E
\$GPVTG,314.8,T,326.7,M,4.8,N,8.9,K*4D
\$GPZDA,075444,06,04,2014,00,00*4B
\$GPGBS,075444,,,,,,,,*47
\$GPGGA,075445,3451.8260,N,07439.5453,W,2,8,0.3,7,M,,M,,*69
\$HEHDT,304.4,T*2C

PORT 4 04-06-2014 07:55:36
\$GPGLL,3451.8260,N,07439.5453,W,075445,A*3E
\$GPRMC,075445,A,3451.8260,N,07439.5453,W,4.8,316.1,060414,11.9,w*47
\$HEHDT,304.7,T*2F
\$GPVTG,316.1,T,328.0,M,4.8,N,8.9,K*4F
\$GPZDA,075445,06,04,2014,00,00*4A
\$GPGBS,075445,,,,,,,,*46
\$GPGGA,075446,3451.8267,N,07439.5466,W,2,8,0.3,7,M,,M,,*6B
\$HEHDT,305.1,T*28

PORT 4 04-06-2014 07:55:37
\$GPGLL,3451.8267,N,07439.5466,W,075446,A*3C
\$GPRMC,075446,A,3451.8267,N,07439.5466,W,4.8,316.0,060414,11.9,w*44
\$HEHDT,305.6,T*2F
\$GPVTG,316.0,T,327.9,M,4.8,N,8.9,K*48
\$GPZDA,075446,06,04,2014,00,00*49
\$GPGBS,075446,,,,,,,,*45
\$GPGGA,075447,3451.8275,N,07439.5482,W,2,8,0.3,7,M,,M,,*63
\$HEHDT,305.7,T*2E

PORT 4 04-06-2014 07:55:38
\$GPGLL,3451.8275,N,07439.5482,W,075447,A*34
\$GPRMC,075447,A,3451.8275,N,07439.5482,W,4.8,314.6,060414,11.9,w*48
\$GPVTG,314.6,T,326.5,M,4.8,N,8.9,K*41
\$HEHDT,306.1,T*2B
\$GPZDA,075447,06,04,2014,00,00*48
\$GPGBS,075447,,,,,,,,*44
\$GPGGA,075448,3451.8284,N,07439.5494,W,2,8,0.3,7,M,,M,,*65
\$HEHDT,305.9,T*20

PORT 4 04-06-2014 07:55:39
\$GPGLL,3451.8284,N,07439.5494,W,075448,A*32
\$GPRMC,075448,A,3451.8284,N,07439.5494,W,4.8,312.9,060414,11.9,w*47
\$GPVTG,312.9,T,324.8,M,4.8,N,8.9,K*47
\$GPZDA,075448,06,04,2014,00,00*47
\$HEHDT,305.9,T*20
\$GPGBS,075448,,,,,,,,*4B

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\$GPGGA,075449,3451.8293,N,07439.5502,W,2,8,0.3,7,M,,M,,*6C

PORT 4 04-06-2014 07:55:40
\$HEHDT,305.6,T*2F
\$GPGLL,3451.8293,N,07439.5502,W,075449,A*3B
\$GPRMC,075449,A,3451.8293,N,07439.5502,W,4.8,312.4,060414,11.9,W*43
\$GPVTG,312.4,T,324.3,M,4.8,N,8.9,K*41
\$GPZDA,075449,06,04,2014,00,00*46
\$HEHDT,305.5,T*2C
\$GPGBS,075449,000.3,003.6,001.3,12,0.05,0014.5,012.5*4E
\$GPGGA,075450,3451.8304,N,07439.5513,W,2,9,0.3,7,M,,M,,*6A

PORT 4 04-06-2014 07:55:41
\$GPGLL,3451.8304,N,07439.5513,W,075450,A*3C
\$HEHDT,305.4,T*2D
\$GPRMC,075450,A,3451.8304,N,07439.5513,W,4.8,314.4,060414,11.9,W*42
\$GPVTG,314.4,T,326.3,M,4.8,N,8.9,K*45
\$GPZDA,075450,06,04,2014,00,00*4E
\$GPGBS,075450,,,,,,,,*42
\$GPGGA,075451,3451.8315,N,07439.5526,W,2,9,0.3,7,M,,M,,*6D
\$HEHDT,305.2,T*2B
\$GPGLL,3451.8315,N,07439.5526,W,075451,A*3B
\$GPRMC,075451,A,3451.8315,N,07439.5526,W,4.8,314.4,060414,11.9,W*45
\$HEHDT,305.5,T*2C
\$GPVTG,314.4,T,326.3,M,4.8,N,8.9,K*45
\$GPZDA,075451,06,04,2014,00,00*4F
\$GPGBS,075451,,,,,,,,*43
\$GPGGA,075452,3451.8326,N,07439.5536,W,2,8,0.3,7,M,,M,,*6E
PORT 12000 04-06-2014 07:55:41
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:55:42
\$HEHDT,305.4,T*2D
\$GPGLL,3451.8326,N,07439.5536,W,075452,A*39
\$GPRMC,075452,A,3451.8326,N,07439.5536,W,4.8,315.6,060414,11.9,W*44
\$GPVTG,315.6,T,327.5,M,4.8,N,8.9,K*41
\$HEHDT,305.8,T*21
\$GPZDA,075452,06,04,2014,00,00*4C
\$GPGBS,075452,,,,,,,,*40
\$GPGGA,075453,3451.8335,N,07439.5547,W,2,8,0.3,7,M,,M,,*6B

PORT 4 04-06-2014 07:55:44
\$HEHDT,305.9,T*20
\$GPGLL,3451.8335,N,07439.5547,W,075453,A*3C
\$GPRMC,075453,A,3451.8335,N,07439.5547,W,4.9,316.8,060414,11.9,W*4D
\$HEHDT,306.3,T*29
\$GPVTG,316.8,T,328.7,M,4.9,N,9.1,K*49
\$GPZDA,075453,06,04,2014,00,00*4D
\$GPGBS,075453,,,,,,,,*41
\$GPGGA,075454,3451.8344,N,07439.5558,W,2,8,0.3,7,M,,M,,*64

PORT 4 04-06-2014 07:55:45
\$HEHDT,306.2,T*28
\$GPGLL,3451.8344,N,07439.5558,W,075454,A*33
\$GPRMC,075454,A,3451.8344,N,07439.5558,W,4.8,315.7,060414,11.9,W*4F
\$GPVTG,315.7,T,327.6,M,4.8,N,8.9,K*43
\$GPZDA,075454,06,04,2014,00,00*4A
\$GPGBS,075454,001.1,003.0,000.3,12,0.05,0014.4,012.5*47
\$HEHDT,306.6,T*2C
\$GPGGA,075455,3451.8351,N,07439.5570,W,2,8,0.3,7,M,,M,,*6B

PORT 4 04-06-2014 07:55:46
\$HEHDT,306.6,T*2C

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\$GPGLL,3451.8351,N,07439.5570,W,075455,A*3C
\$GPRMC,075455,A,3451.8351,N,07439.5570,W,4.8,315.7,060414,11.9,w*40
\$GPVTG,315.7,T,327.6,M,4.8,N,8.9,K*43
\$GPZDA,075455,06,04,2014,00,00*4B
\$GPGBS,075455,001.3,003.7,000.3,12,0.05,0017.9,012.5*4D
\$HEHDT,306.8,T*22
\$GPGGA,075456,3451.8360,N,07439.5584,W,2,9,0.3,7,M,,M,,*60

PORT 4 04-06-2014 07:55:47
\$GPGLL,3451.8360,N,07439.5584,W,075456,A*36
\$GPRMC,075456,A,3451.8360,N,07439.5584,W,4.8,312.5,060414,11.9,w*4F
\$HEHDT,306.1,T*2B
\$GPVTG,312.5,T,324.4,M,4.8,N,8.9,K*47
\$GPZDA,075456,06,04,2014,00,00*48
\$GPGBS,075456,,,,,,,,*44
\$GPGGA,075457,3451.8369,N,07439.5595,W,2,9,0.3,7,M,,M,,*68
\$HEHDT,306.3,T*29

PORT 4 04-06-2014 07:55:48
\$GPGLL,3451.8369,N,07439.5595,W,075457,A*3E
\$GPRMC,075457,A,3451.8369,N,07439.5595,W,4.8,312.5,060414,11.9,w*47
\$GPVTG,312.5,T,324.4,M,4.8,N,8.9,K*47
\$HEHDT,306.1,T*2B
\$GPZDA,075457,06,04,2014,00,00*49
\$GPGBS,075457,,,,,,,,*45
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\$HEHDT,306.0,T*2A

PORT 5 04-06-2014 07:55:49
IN
PORT 4 04-06-2014 07:55:49
\$GPGLL,3451.8369,N,07439.5595,W,075457,A*3E
\$GPRMC,075457,A,3451.8369,N,07439.5595,W,4.8,312.5,060414,11.9,w*47
\$GPVTG,312.5,T,324.4,M,4.8,N,8.9,K*47
\$HEHDT,306.1,T*2B
\$GPZDA,075457,06,04,2014,00,00*49
\$GPGBS,075457,,,,,,,,*45
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\$HEHDT,306.0,T*2A
\$GPGLL,3451.8380,N,07439.5606,W,075458,A*3F
\$GPRMC,075458,A,3451.8380,N,07439.5606,W,4.8,313.3,060414,11.9,w*41
\$GPVTG,313.3,T,325.2,M,4.8,N,8.9,K*47
\$GPZDA,075458,06,04,2014,00,00*46
\$HEHDT,305.7,T*2E
\$GPGBS,075458,,,,,,,,*4A
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\$HEHDT,306.0,T*2A
\$GPGLL,3451.8391,N,07439.5620,W,075459,A*3A
\$GPRMC,075459,A,3451.8391,N,07439.5620,W,4.8,314.8,060414,11.9,w*48
\$GPVTG,314.8,T,326.7,M,4.8,N,8.9,K*4D
\$GPZDA,075459,06,04,2014,00,00*47
\$GPGBS,075459,,,,,,,,*4B
\$GPGGA,075500,3451.8401,N,07439.5634,W,2,8,0.3,8,M,,M,,*64
\$HEHDT,306.2,T*28

PORT 4 04-06-2014 07:55:50
\$GPGLL,3451.8401,N,07439.5634,W,075500,A*3C
\$HEHDT,306.8,T*22
\$GPRMC,075500,A,3451.8401,N,07439.5634,W,4.9,315.0,060414,11.9,w*46
\$GPVTG,315.0,T,326.9,M,4.9,N,9.1,K*42
\$GPZDA,075500,06,04,2014,00,00*4A
\$GPGBS,075500,,,,,,,,*46
\$GPGGA,075501,3451.8409,N,07439.5646,W,2,8,0.3,8,M,,M,,*68

\$HEHDT,307.2,T*29

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PORT 4 04-06-2014 07:55:52

\$HEHDT,306.8,T*22

\$GPGLL,3451.8409,N,07439.5646,W,075501,A*30

\$GPRMC,075501,A,3451.8409,N,07439.5646,W,4.9,314.1,060414,11.9,W*4A

\$GPVTG,314.1,T,326.0,M,4.9,N,9.1,K*4B

\$GPZDA,075501,06,04,2014,00,00*4B

\$GPGBS,075501,,,,,,,,*47

\$HEHDT,307.0,T*2B

\$GPGGA,075502,3451.8420,N,07439.5656,W,2,8,0.3,8,M,,M,,*61

PORT 12000 04-06-2014 07:55:52

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PORT 4 04-06-2014 07:55:53

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\$GPRMC,075502,A,3451.8420,N,07439.5656,W,4.9,314.9,060414,11.9,W*4B

\$GPVTG,314.9,T,326.8,M,4.9,N,9.1,K*4B

\$HEHDT,305.9,T*20

\$GPZDA,075502,06,04,2014,00,00*48

\$GPGBS,075502,000.9,002.4,000.2,12,0.05,0012.0,012.5*4A

\$GPGGA,075503,3451.8432,N,07439.5664,W,2,8,0.3,8,M,,M,,*62

\$HEHDT,305.9,T*20

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PORT 5 04-06-2014 07:55:54

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PORT 4 04-06-2014 07:55:54

\$GPGLL,3451.8432,N,07439.5664,W,075503,A*3A

\$GPRMC,075503,A,3451.8432,N,07439.5664,W,4.9,314.9,060414,11.9,W*48

\$GPVTG,314.9,T,326.8,M,4.9,N,9.1,K*4B

\$GPZDA,075503,06,04,2014,00,00*49

\$HEHDT,305.8,T*21

\$GPGBS,075503,,,,,,,,*45

\$GPGGA,075504,3451.8441,N,07439.5675,W,2,8,0.3,8,M,,M,,*61

\$HEHDT,305.7,T*2E

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PORT 4 04-06-2014 07:55:55

\$GPGLL,3451.8441,N,07439.5675,W,075504,A*39

\$GPRMC,075504,A,3451.8441,N,07439.5675,W,4.9,316.6,060414,11.9,W*46

\$GPVTG,316.6,T,328.5,M,4.9,N,9.1,K*45

\$HEHDT,305.9,T*20

\$GPZDA,075504,06,04,2014,00,00*4E

\$GPGBS,075504,,,,,,,,*42

\$GPGGA,075505,3451.8449,N,07439.5685,W,2,8,0.3,8,M,,M,,*67

\$HEHDT,305.9,T*20

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PORT 4 04-06-2014 07:55:56

\$GPGLL,3451.8449,N,07439.5685,W,075505,A*3F

\$GPRMC,075505,A,3451.8449,N,07439.5685,W,4.8,316.0,060414,11.9,W*47

\$GPVTG,316.0,T,327.9,M,4.8,N,8.9,K*48

\$GPZDA,075505,06,04,2014,00,00*4F

\$HEHDT,306.0,T*2A

\$GPGBS,075505,001.3,004.2,000.1,12,0.05,0020.9,012.5*4D

\$GPGGA,075506,3451.8458,N,07439.5696,W,2,9,0.3,8,M,,M,,*67

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PORT 4 04-06-2014 07:55:57

\$HEHDT,306.2,T*28

\$GPGLL,3451.8458,N,07439.5696,W,075506,A*3E

\$GPRMC,075506,A,3451.8458,N,07439.5696,W,4.8,314.1,060414,11.9,W*45

\$GPVTG,314.1,T,326.0,M,4.8,N,8.9,K*43

\$GPZDA,075506,06,04,2014,00,00*4C

\$GPGBS,075506,001.7,004.6,000.4,12,0.05,0022.3,012.5*43

S01_C04_survey.Log

\$HEHDT,306.7,T*2D
\$GPGGA,075507,3451.8466,N,07439.5706,W,2,9,0.3,8,M,,M,,*63

PORT 4 04-06-2014 07:55:58
\$GPGLL,3451.8466,N,07439.5706,W,075507,A*3A
\$HEHDT,306.2,T*28
\$GPRMC,075507,A,3451.8466,N,07439.5706,W,4.8,313.1,060414,11.9,w*46
\$GPVTG,313.1,T,325.0,M,4.8,N,8.9,K*47
\$GPZDA,075507,06,04,2014,00,00*4D
\$GPGBS,075507,001.3,004.3,000.1,12,0.05,0021.7,012.5*41
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\$HEHDT,306.1,T*2B
\$GPGLL,3451.8477,N,07439.5715,W,075508,A*37
\$GPRMC,075508,A,3451.8477,N,07439.5715,W,4.8,313.8,060414,11.9,w*42
\$GPVTG,313.8,T,325.7,M,4.8,N,8.9,K*49
\$GPZDA,075508,06,04,2014,00,00*42
\$HEHDT,305.6,T*2F
\$GPGBS,075508,001.9,004.3,000.2,12,0.05,0020.6,012.5*47
\$GPGGA,075509,3451.8490,N,07439.5728,W,2,9,0.3,8,M,,M,,*68

PORT 4 04-06-2014 07:55:59
\$HEHDT,305.4,T*2D
\$GPGLL,3451.8490,N,07439.5728,W,075509,A*31
\$GPRMC,075509,A,3451.8490,N,07439.5728,W,4.8,313.8,060414,11.9,w*44
\$GPVTG,313.8,T,325.7,M,4.8,N,8.9,K*49
\$GPZDA,075509,06,04,2014,00,00*43
\$HEHDT,305.3,T*2A
\$GPGBS,075509,,,,,,*4F
\$GPGGA,075510,3451.8502,N,07439.5739,W,2,8,0.3,8,M,,M,,*6B

PORT 4 04-06-2014 07:56:01
\$HEHDT,305.7,T*2E
\$GPGLL,3451.8502,N,07439.5739,W,075510,A*33
\$GPRMC,075510,A,3451.8502,N,07439.5739,W,4.9,316.0,060414,11.9,w*4A
\$GPVTG,316.0,T,327.9,M,4.9,N,9.1,K*40
\$GPZDA,075510,06,04,2014,00,00*4B
\$HEHDT,305.7,T*2E
\$GPGBS,075510,,,,,,*47
\$GPGGA,075511,3451.8513,N,07439.5750,W,2,8,0.3,8,M,,M,,*65
PORT 12000 04-06-2014 07:56:01
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PORT 4 04-06-2014 07:56:02
\$HEHDT,306.1,T*2B
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\$GPRMC,075511,A,3451.8513,N,07439.5750,W,5.0,317.7,060414,11.9,w*4A
\$GPVTG,317.7,T,329.6,M,5.0,N,9.3,K*4D
\$GPZDA,075511,06,04,2014,00,00*4A
\$GPGBS,075511,000.7,002.2,000.1,12,0.05,0010.4,012.5*45
\$HEHDT,306.3,T*29
\$GPGGA,075512,3451.8521,N,07439.5764,W,2,9,0.3,8,M,,M,,*61

PORT 4 04-06-2014 07:56:03
\$GPGLL,3451.8521,N,07439.5764,W,075512,A*38
\$GPRMC,075512,A,3451.8521,N,07439.5764,W,5.0,316.6,060414,11.9,w*4F
\$HEHDT,306.2,T*28
\$GPVTG,316.6,T,328.5,M,5.0,N,9.3,K*4F
\$GPZDA,075512,06,04,2014,00,00*49
\$GPGBS,075512,,,,,,*45
\$GPGGA,075513,3451.8528,N,07439.5779,W,2,9,0.3,8,M,,M,,*65
\$HEHDT,306.5,T*2F

PORT 4 04-06-2014 07:56:04

S01_C04_survey.Log

\$GPGLL,3451.8528,N,07439.5779,W,075513,A*3C
\$GPRMC,075513,A,3451.8528,N,07439.5779,W,5.0,316.6,060414,11.9,W*4B
\$HEHDT,306.5,T*2F
\$GPVTG,316.6,T,328.5,M,5.0,N,9.3,K*4F
\$GPZDA,075513,06,04,2014,00,00*48
\$GPGBS,075513,,,,,,,,*44
\$GPGGA,075514,3451.8537,N,07439.5793,W,2,9,0.3,8,M,,M,,*68
\$HEHDT,306.6,T*2C

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PORT 4 04-06-2014 07:56:05

\$GPGLL,3451.8537,N,07439.5793,W,075514,A*31
\$GPRMC,075514,A,3451.8537,N,07439.5793,W,5.0,314.7,060414,11.9,W*45
\$GPVTG,314.7,T,326.6,M,5.0,N,9.3,K*41
\$HEHDT,305.9,T*20
\$GPZDA,075514,06,04,2014,00,00*4F
\$GPGBS,075514,,,,,,,,*43
\$GPGGA,075515,3451.8546,N,07439.5804,W,2,9,0.3,8,M,,M,,*6E
\$HEHDT,305.7,T*2E

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PORT 4 04-06-2014 07:56:06

\$GPGLL,3451.8546,N,07439.5804,W,075515,A*37
\$GPRMC,075515,A,3451.8546,N,07439.5804,W,5.0,313.1,060414,11.9,W*42
\$GPVTG,313.1,T,325.0,M,5.0,N,9.3,K*45
\$GPZDA,075515,06,04,2014,00,00*4E
\$HEHDT,305.4,T*2D
\$GPGBS,075515,,,,,,,,*42
\$GPGGA,075516,3451.8557,N,07439.5815,W,2,9,0.3,8,M,,M,,*6D
\$HEHDT,305.4,T*2D

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PORT 4 04-06-2014 07:56:08

\$GPGLL,3451.8557,N,07439.5815,W,075516,A*34
\$GPRMC,075516,A,3451.8557,N,07439.5815,W,5.0,314.4,060414,11.9,W*43
\$GPVTG,314.4,T,326.3,M,5.0,N,9.3,K*47
\$GPZDA,075516,06,04,2014,00,00*4D
\$GPGBS,075516,,,,,,,,*41
\$HEHDT,304.9,T*21
\$GPGGA,075517,3451.8557,N,07439.5815,W,2,9,0.3,8,M,,M,,*6C
\$GPGLL,3451.8557,N,07439.5815,W,075517,A*35
\$HEHDT,305.0,T*29
\$GPRMC,075517,A,3451.8557,N,07439.5815,W,5.0,314.4,060414,11.9,W*42
\$GPVTG,314.4,T,326.3,M,5.0,N,9.3,K*47
\$GPZDA,075517,06,04,2014,00,00*4C
\$GPGBS,075517,000.9,002.8,000.1,12,0.05,0013.9,012.5*49
\$GPGGA,075518,3451.8579,N,07439.5834,W,2,9,0.3,8,M,,M,,*6C
\$HEHDT,304.9,T*21

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PORT 4 04-06-2014 07:56:09

\$GPGLL,3451.8579,N,07439.5834,W,075518,A*35
\$GPRMC,075518,A,3451.8579,N,07439.5834,W,5.0,315.9,060414,11.9,W*4E
\$HEHDT,305.2,T*2B
\$GPVTG,315.9,T,327.8,M,5.0,N,9.3,K*41
\$GPZDA,075518,06,04,2014,00,00*43
\$GPGBS,075518,,,,,,,,*4F
\$GPGGA,075519,3451.8591,N,07439.5841,W,2,9,0.3,8,M,,M,,*69
\$HEHDT,306.0,T*2A

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PORT 4 04-06-2014 07:56:10

\$GPGLL,3451.8591,N,07439.5841,W,075519,A*30
\$GPRMC,075519,A,3451.8591,N,07439.5841,W,4.9,317.4,060414,11.9,W*4C
\$HEHDT,305.7,T*2E
\$GPVTG,317.4,T,329.3,M,4.9,N,9.1,K*41
\$GPZDA,075519,06,04,2014,00,00*42
\$GPGBS,075519,002.3,006.5,000.6,12,0.05,0031.6,012.5*4E

S01_C04_survey.Log

\$GPGGA,075520,3451.8597,N,07439.5854,W,2,9,0.3,8,M,,M,,*61

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PORT 4 04-06-2014 07:56:11

\$HEHDT,306.0,T*2A

\$GPGLL,3451.8597,N,07439.5854,W,075520,A*38

\$GPRMC,075520,A,3451.8597,N,07439.5854,W,4.9,315.9,060414,11.9,W*4B

\$GPVTG,315.9,T,327.8,M,4.9,N,9.1,K*4B

\$GPZDA,075520,06,04,2014,00,00*48

\$GPGBS,075520,000.7,002.3,000.1,12,0.05,0017.2,012.5*47

\$HEHDT,306.1,T*2B

\$GPGGA,075521,3451.8606,N,07439.5867,W,2,9,0.3,8,M,,M,,*6B

PORT 12000 04-06-2014 07:56:11

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:56:12

\$HEHDT,306.7,T*2D

\$GPGLL,3451.8606,N,07439.5867,W,075521,A*32

\$GPRMC,075521,A,3451.8606,N,07439.5867,W,4.9,315.9,060414,11.9,W*41

\$GPVTG,315.9,T,327.8,M,4.9,N,9.1,K*4B

\$GPZDA,075521,06,04,2014,00,00*49

\$GPGBS,075521,,,,,,*45

\$GPGGA,075522,3451.8615,N,07439.5880,W,2,8,0.3,8,M,,M,,*62

\$HEHDT,306.5,T*2F

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PORT 4 04-06-2014 07:56:13

\$GPGLL,3451.8615,N,07439.5880,W,075522,A*3A

\$HEHDT,306.3,T*29

\$GPRMC,075522,A,3451.8615,N,07439.5880,W,4.8,314.7,060414,11.9,W*47

\$GPVTG,314.7,T,326.6,M,4.8,N,8.9,K*43

\$GPZDA,075522,06,04,2014,00,00*4A

\$GPGBS,075522,,,,,,*46

\$GPGGA,075523,3451.8628,N,07439.5891,W,2,8,0.3,8,M,,M,,*6D

\$HEHDT,307.0,T*2B

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PORT 4 04-06-2014 07:56:14

\$GPGLL,3451.8628,N,07439.5891,W,075523,A*35

\$GPRMC,075523,A,3451.8628,N,07439.5891,W,4.9,315.3,060414,11.9,W*4C

\$HEHDT,306.0,T*2A

\$GPVTG,315.3,T,327.2,M,4.9,N,9.1,K*4B

\$GPZDA,075523,06,04,2014,00,00*4B

\$GPGBS,075523,,,,,,*47

\$GPGGA,075524,3451.8636,N,07439.5905,W,2,9,0.3,8,M,,M,,*68

\$HEHDT,305.9,T*20

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PORT 4 04-06-2014 07:56:15

\$GPGLL,3451.8636,N,07439.5905,W,075524,A*31

\$GPRMC,075524,A,3451.8636,N,07439.5905,W,4.9,316.3,060414,11.9,W*4B

\$GPVTG,316.3,T,328.2,M,4.9,N,9.1,K*47

\$HEHDT,305.3,T*2A

\$GPZDA,075524,06,04,2014,00,00*4C

\$GPGBS,075524,,,,,,*40

\$GPGGA,075525,3451.8643,N,07439.5919,W,2,9,0.3,8,M,,M,,*66

\$HEHDT,305.1,T*28

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PORT 4 04-06-2014 07:56:16

\$GPGLL,3451.8643,N,07439.5919,W,075525,A*3F

\$GPRMC,075525,A,3451.8643,N,07439.5919,W,4.9,315.9,060414,11.9,W*4C

\$GPVTG,315.9,T,327.8,M,4.9,N,9.1,K*4B

\$HEHDT,305.3,T*2A

\$GPZDA,075525,06,04,2014,00,00*4D

\$GPGBS,075525,,,,,,*41

\$GPGGA,075526,3451.8653,N,07439.5934,W,2,8,0.3,8,M,,M,,*6A

\$HEHDT,305.1,T*28

S01_C04_survey.Log

\$GPGLL,3451.8653,N,07439.5934,W,075526,A*32
\$GPRMC,075526,A,3451.8653,N,07439.5934,W,4.9,314.4,060414,11.9,W*4D
\$GPVTG,314.4,T,326.3,M,4.9,N,9.1,K*4D
\$GPZDA,075526,06,04,2014,00,00*4E
\$GPGBS,075526,,,,,,,,*42
\$GPGGA,075527,3451.8661,N,07439.5948,W,2,8,0.3,8,M,,M,,*61
\$HEHDT,305.3,T*2A

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PORT 4 04-06-2014 07:56:17

\$HEHDT,305.6,T*2F
\$GPGLL,3451.8661,N,07439.5948,W,075527,A*39
\$GPRMC,075527,A,3451.8661,N,07439.5948,W,5.0,313.2,060414,11.9,W*4F
\$GPVTG,313.2,T,325.1,M,5.0,N,9.3,K*47
\$GPZDA,075527,06,04,2014,00,00*4F
\$GPGBS,075527,,,,,,,,*43
\$GPGGA,075528,3451.8672,N,07439.5959,W,2,8,0.3,8,M,,M,,*6C
\$HEHDT,305.4,T*2D

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PORT 4 04-06-2014 07:56:18

\$GPGLL,3451.8672,N,07439.5959,W,075528,A*34
\$GPRMC,075528,A,3451.8672,N,07439.5959,W,5.0,313.3,060414,11.9,W*43
\$HEHDT,305.8,T*21
\$GPVTG,313.3,T,325.2,M,5.0,N,9.3,K*45
\$GPZDA,075528,06,04,2014,00,00*40
\$GPGBS,075528,,,,,,,,*4C
\$GPGGA,075529,3451.8683,N,07439.5970,W,2,8,0.3,8,M,,M,,*68
\$HEHDT,305.6,T*2F

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PORT 4 04-06-2014 07:56:19

\$GPGLL,3451.8683,N,07439.5970,W,075529,A*30
\$GPRMC,075529,A,3451.8683,N,07439.5970,W,5.0,313.3,060414,11.9,W*47
\$GPVTG,313.3,T,325.2,M,5.0,N,9.3,K*45
\$HEHDT,305.8,T*21
\$GPZDA,075529,06,04,2014,00,00*41
\$GPGBS,075529,,,,,,,,*4D
\$GPGGA,075530,3451.8693,N,07439.5981,W,2,8,0.3,8,M,,M,,*6F

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PORT 4 04-06-2014 07:56:20

\$HEHDT,305.5,T*2C
\$GPGLL,3451.8693,N,07439.5981,W,075530,A*37
\$GPRMC,075530,A,3451.8693,N,07439.5981,W,5.0,314.7,060414,11.9,W*43
\$GPVTG,314.7,T,326.6,M,5.0,N,9.3,K*41
\$GPZDA,075530,06,04,2014,00,00*49
\$HEHDT,305.6,T*2F
\$GPGBS,075530,,,,,,,,*45
\$GPGGA,075531,3451.8703,N,07439.5992,W,2,8,0.2,8,M,,M,,*65

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PORT 4 04-06-2014 07:56:21

\$HEHDT,304.9,T*21
\$GPGLL,3451.8703,N,07439.5992,W,075531,A*3C
\$GPRMC,075531,A,3451.8703,N,07439.5992,W,5.0,316.0,060414,11.9,W*4D
\$GPVTG,316.0,T,327.9,M,5.0,N,9.3,K*4A
\$GPZDA,075531,06,04,2014,00,00*48
\$GPGBS,075531,,,,,,,,*44
\$GPGGA,075532,3451.8712,N,07439.6003,W,2,8,0.3,8,M,,M,,*65
\$HEHDT,305.5,T*2C

PORT 12000 04-06-2014 07:56:21

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PORT 4 04-06-2014 07:56:23

\$HEHDT,305.8,T*21
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\$GPRMC,075532,A,3451.8712,N,07439.6003,W,5.0,316.6,060414,11.9,W*4A

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\$GPVTG,316.6,T,328.5,M,5.0,N,9.3,K*4F
\$GPZDA,075532,06,04,2014,00,00*4B
\$GPGBS,075532,,,,,,*47
\$HEHDT,305.1,T*28
\$GPGGA,075533,3451.8721,N,07439.6013,W,2,8,0.3,8,M,,M,,*65

PORT 4 04-06-2014 07:56:24
\$GPGLL,3451.8721,N,07439.6013,W,075533,A*3D
\$HEHDT,305.4,T*2D
\$GPRMC,075533,A,3451.8721,N,07439.6013,W,4.9,316.6,060414,11.9,W*42
\$GPVTG,316.6,T,328.5,M,4.9,N,9.1,K*45
\$GPZDA,075533,06,04,2014,00,00*4A
\$GPGBS,075533,001.8,002.9,001.7,12,0.05,0015.6,012.5*40
\$GPGGA,075534,3451.8727,N,07439.6028,W,2,10,0.3,8,M,,M,,*55
\$HEHDT,305.3,T*2A

PORT 4 04-06-2014 07:56:25
\$GPGLL,3451.8727,N,07439.6028,W,075534,A*34
\$GPRMC,075534,A,3451.8727,N,07439.6028,W,4.9,313.6,060414,11.9,W*4E
\$HEHDT,305.3,T*2A
\$GPVTG,313.6,T,325.5,M,4.9,N,9.1,K*4D
\$GPZDA,075534,06,04,2014,00,00*4D
\$GPGBS,075534,,,,,,*41
\$GPGGA,075535,3451.8737,N,07439.6039,W,2,10,0.3,8,M,,M,,*55
\$HEHDT,305.3,T*2A

PORT 4 04-06-2014 07:56:26
\$GPGLL,3451.8737,N,07439.6039,W,075535,A*34
\$GPRMC,075535,A,3451.8737,N,07439.6039,W,4.9,313.6,060414,11.9,W*4E
\$HEHDT,305.6,T*2F
\$GPVTG,313.6,T,325.5,M,4.9,N,9.1,K*4D
\$GPZDA,075535,06,04,2014,00,00*4C
\$GPGBS,075535,001.7,002.8,001.6,12,0.05,0026.9,012.5*46
\$GPGGA,075536,3451.8747,N,07439.6050,W,2,9,0.2,8,M,,M,,*67

PORT 4 04-06-2014 07:56:27
\$HEHDT,304.8,T*20
\$GPGLL,3451.8747,N,07439.6050,W,075536,A*3F
\$GPRMC,075536,A,3451.8747,N,07439.6050,W,4.9,313.9,060414,11.9,W*4A
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\$GPZDA,075536,06,04,2014,00,00*4F
\$HEHDT,305.0,T*29
\$GPGBS,075536,,,,,,*43
\$GPGGA,075537,3451.8759,N,07439.6060,W,2,9,0.2,8,M,,M,,*6A

PORT 4 04-06-2014 07:56:28
\$HEHDT,305.3,T*2A
\$GPGLL,3451.8759,N,07439.6060,W,075537,A*32
\$GPRMC,075537,A,3451.8759,N,07439.6060,W,4.9,313.9,060414,11.9,W*47
\$GPVTG,313.9,T,325.8,M,4.9,N,9.1,K*4F
\$GPZDA,075537,06,04,2014,00,00*4E
\$GPGBS,075537,002.4,003.6,002.0,12,0.05,0032.1,012.5*43
\$HEHDT,306.0,T*2A
\$GPGGA,075538,3451.8768,N,07439.6075,W,2,9,0.3,8,M,,M,,*62

PORT 4 04-06-2014 07:56:29
\$HEHDT,306.5,T*2F
\$GPGLL,3451.8768,N,07439.6075,W,075538,A*3B
\$GPRMC,075538,A,3451.8768,N,07439.6075,W,5.0,314.2,060414,11.9,W*4A
\$GPVTG,314.2,T,326.1,M,5.0,N,9.3,K*43
\$GPZDA,075538,06,04,2014,00,00*41
\$GPGBS,075538,,,,,,*4D
\$HEHDT,307.0,T*2B

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\$GPGGA,075539,3451.8777,N,07439.6086,W,2,9,0.3,8,M,,M,,*61

PORT 4 04-06-2014 07:56:30
\$GPGLL,3451.8777,N,07439.6086,W,075539,A*38
\$GPRMC,075539,A,3451.8777,N,07439.6086,W,5.0,314.2,060414,11.9,W*49
\$HEHDT,306.5,T*2F
\$GPVTG,314.2,T,326.1,M,5.0,N,9.3,K*43
\$GPZDA,075539,06,04,2014,00,00*40
\$GPGBS,075539,002.2,004.3,002.9,12,0.05,0037.1,012.5*45
\$GPGGA,075540,3451.8788,N,07439.6098,W,2,10,0.3,8,M,,M,,*58
\$HEHDT,306.5,T*2F

PORT 4 04-06-2014 07:56:31
\$GPGLL,3451.8788,N,07439.6098,W,075540,A*39
\$GPRMC,075540,A,3451.8788,N,07439.6098,W,5.0,313.9,060414,11.9,W*44
\$HEHDT,305.8,T*21
\$GPVTG,313.9,T,325.8,M,5.0,N,9.3,K*45
\$GPZDA,075540,06,04,2014,00,00*4E
\$GPGBS,075540,,,,,,*42
\$GPGGA,075541,3451.8799,N,07439.6108,W,2,10,0.3,8,M,,M,,*51
\$HEHDT,305.2,T*2B
PORT 12000 04-06-2014 07:56:31
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PORT 4 04-06-2014 07:56:32
\$GPGLL,3451.8799,N,07439.6108,W,075541,A*30
\$GPRMC,075541,A,3451.8799,N,07439.6108,W,5.0,313.9,060414,11.9,W*4D
\$HEHDT,305.2,T*2B
\$GPVTG,313.9,T,325.8,M,5.0,N,9.3,K*45
\$GPZDA,075541,06,04,2014,00,00*4F
\$GPGBS,075541,001.2,003.2,000.3,12,0.05,0015.2,012.5*44
\$GPGGA,075542,3451.8810,N,07439.6118,W,2,9,0.3,8,M,,M,,*65

PORT 4 04-06-2014 07:56:33
\$HEHDT,305.1,T*28
\$GPGLL,3451.8810,N,07439.6118,W,075542,A*3C
\$GPRMC,075542,A,3451.8810,N,07439.6118,W,5.0,315.0,060414,11.9,W*4E
\$GPVTG,315.0,T,326.9,M,5.0,N,9.3,K*48
\$GPZDA,075542,06,04,2014,00,00*4C
\$GPGBS,075542,002.3,003.7,002.1,12,0.05,0020.4,012.5*40
\$GPGGA,075543,3451.8820,N,07439.6132,W,2,9,0.3,8,M,,M,,*6F
\$HEHDT,305.6,T*2F

PORT 4 04-06-2014 07:56:34
\$HEHDT,305.0,T*29
\$GPGLL,3451.8820,N,07439.6132,W,075543,A*36
\$GPRMC,075543,A,3451.8820,N,07439.6132,W,5.0,315.5,060414,11.9,W*41
\$GPVTG,315.5,T,327.4,M,5.0,N,9.3,K*41
\$GPZDA,075543,06,04,2014,00,00*4D
\$GPGBS,075543,,,,,,*41
\$HEHDT,305.2,T*2B
\$GPGGA,075544,3451.8831,N,07439.6140,W,2,8,0.3,8,M,,M,,*6C

PORT 4 04-06-2014 07:56:35
\$GPGLL,3451.8831,N,07439.6140,W,075544,A*34
\$HEHDT,305.3,T*2A
\$GPRMC,075544,A,3451.8831,N,07439.6140,W,5.0,315.5,060414,11.9,W*43
\$GPVTG,315.5,T,327.4,M,5.0,N,9.3,K*41
\$GPZDA,075544,06,04,2014,00,00*4A
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\$HEHDT,305.3,T*2A
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PORT 4 04-06-2014 07:56:36

\$GPGLL,3451.8839,N,07439.6154,W,075545,A*38
\$GPRMC,075545,A,3451.8839,N,07439.6154,W,4.9,315.1,060414,11.9,w*43
\$HEHDT,305.8,T*21
\$GPVTG,315.1,T,327.0,M,4.9,N,9.1,K*4B
\$GPZDA,075545,06,04,2014,00,00*4B
\$GPGBS,075545,,,,,,,,*47
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\$HEHDT,306.0,T*2A

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PORT 5 04-06-2014 07:56:38

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PORT 4 04-06-2014 07:56:38

\$GPGLL,3451.8848,N,07439.6165,W,075546,A*3F
\$GPRMC,075546,A,3451.8848,N,07439.6165,W,4.9,315.2,060414,11.9,w*47
\$HEHDT,306.5,T*2F
\$GPVTG,315.2,T,327.1,M,4.9,N,9.1,K*49
\$GPZDA,075546,06,04,2014,00,00*48
\$GPGBS,075546,,,,,,,,*44
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\$HEHDT,306.2,T*28
\$GPGLL,3451.8857,N,07439.6176,W,075547,A*32
\$GPRMC,075547,A,3451.8857,N,07439.6176,W,4.9,315.2,060414,11.9,w*4A
\$GPVTG,315.2,T,327.1,M,4.9,N,9.1,K*49
\$HEHDT,306.6,T*2C
\$GPZDA,075547,06,04,2014,00,00*49
\$GPGBS,075547,001.6,002.6,001.7,12,0.05,0018.3,012.5*4A
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PORT 4 04-06-2014 07:56:39

\$HEHDT,306.7,T*2D
\$GPGLL,3451.8867,N,07439.6188,W,075548,A*3F
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\$GPVTG,315.4,T,327.3,M,4.9,N,9.1,K*4D
\$GPZDA,075548,06,04,2014,00,00*46
\$GPGBS,075548,001.1,001.7,000.9,12,0.05,0014.1,012.5*41
\$HEHDT,305.8,T*21
\$GPGGA,075549,3451.8877,N,07439.6201,W,2,10,0.2,8,M,,M,,*5D

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PORT 4 04-06-2014 07:56:40

\$GPGLL,3451.8877,N,07439.6201,W,075549,A*3D
\$HEHDT,305.6,T*2F
\$GPRMC,075549,A,3451.8877,N,07439.6201,W,5.0,315.1,060414,11.9,w*4E
\$GPVTG,315.1,T,327.0,M,5.0,N,9.3,K*41
\$GPZDA,075549,06,04,2014,00,00*47
\$GPGBS,075549,002.0,001.8,000.1,12,0.05,0015.0,012.5*45
\$GPGGA,075550,3451.8885,N,07439.6213,W,2,9,0.2,8,M,,M,,*63
\$HEHDT,304.9,T*21
\$GPGLL,3451.8885,N,07439.6213,W,075550,A*3B
\$GPRMC,075550,A,3451.8885,N,07439.6213,W,5.0,314.6,060414,11.9,w*4E
\$GPVTG,314.6,T,326.5,M,5.0,N,9.3,K*43
\$HEHDT,304.6,T*2E
\$GPZDA,075550,06,04,2014,00,00*4F
\$GPGBS,075550,,,,,,,,*43
\$GPGGA,075551,3451.8896,N,07439.6227,W,2,9,0.2,8,M,,M,,*67

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PORT 5 04-06-2014 07:56:41

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PORT 4 04-06-2014 07:56:41

\$HEHDT,304.8,T*20
\$GPGLL,3451.8896,N,07439.6227,W,075551,A*3F
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\$GPVTG,314.8,T,326.7,M,5.0,N,9.3,K*4F
\$HEHDT,305.4,T*2D
\$GPZDA,075551,06,04,2014,00,00*4E
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PORT 4 04-06-2014 07:56:43
\$HEHDT,305.3,T*2A
\$GPGLL,3451.8906,N,07439.6241,W,075552,A*34
\$GPRMC,075552,A,3451.8906,N,07439.6241,W,5.1,315.0,060414,11.9,W*47
\$GPVTG,315.0,T,326.9,M,5.1,N,9.4,K*4E
\$HEHDT,305.0,T*29
\$GPZDA,075552,06,04,2014,00,00*4D
\$GPGBS,075552,,,,,,,,*41
\$GPGGA,075553,3451.8915,N,07439.6252,W,2,9,0.3,8,M,,M,,*6C

PORT 4 04-06-2014 07:56:44
\$HEHDT,305.2,T*2B
\$GPGLL,3451.8915,N,07439.6252,W,075553,A*35
\$GPRMC,075553,A,3451.8915,N,07439.6252,W,5.1,315.0,060414,11.9,W*46
\$GPVTG,315.0,T,326.9,M,5.1,N,9.4,K*4E
\$GPZDA,075553,06,04,2014,00,00*4C
\$HEHDT,304.8,T*20
\$GPGBS,075553,001.5,002.2,001.4,12,0.05,0021.1,012.5*43
\$GPGGA,075554,3451.8925,N,07439.6263,W,2,10,0.2,8,M,,M,,*53

PORT 4 04-06-2014 07:56:45
\$GPGLL,3451.8925,N,07439.6263,W,075554,A*33
\$GPRMC,075554,A,3451.8925,N,07439.6263,W,5.1,314.9,060414,11.9,W*48
\$HEHDT,304.3,T*2B
\$GPVTG,314.9,T,326.8,M,5.1,N,9.4,K*47
\$GPZDA,075554,06,04,2014,00,00*4B
\$GPGBS,075554,002.0,003.3,001.6,12,0.05,0019.5,012.5*4F
\$GPGGA,075555,3451.8933,N,07439.6274,W,2,10,0.2,9,M,,M,,*52
\$HEHDT,304.2,T*2A

PORT 4 04-06-2014 07:56:46
\$GPGLL,3451.8933,N,07439.6274,W,075555,A*33
\$HEHDT,304.1,T*29
\$GPRMC,075555,A,3451.8933,N,07439.6274,W,4.9,314.4,060414,11.9,W*4C
\$GPVTG,314.4,T,326.3,M,4.9,N,9.1,K*4D
\$GPZDA,075555,06,04,2014,00,00*4A
\$GPGBS,075555,,,,,,,,*46
\$GPGGA,075556,3451.8945,N,07439.6285,W,2,9,0.2,9,M,,M,,*66
\$HEHDT,304.6,T*2E

PORT 4 04-06-2014 07:56:47
\$GPGLL,3451.8945,N,07439.6285,W,075556,A*3F
\$GPRMC,075556,A,3451.8945,N,07439.6285,W,4.9,314.4,060414,11.9,W*40
\$HEHDT,304.6,T*2E
\$GPVTG,314.4,T,326.3,M,4.9,N,9.1,K*4D
\$GPZDA,075556,06,04,2014,00,00*49
\$GPGBS,075556,002.7,005.3,002.1,12,0.05,0025.2,012.5*40
\$GPGGA,075557,3451.8954,N,07439.6296,W,2,9,0.2,8,M,,M,,*64
\$HEHDT,305.0,T*29

PORT 4 04-06-2014 07:56:48
\$GPGLL,3451.8954,N,07439.6296,W,075557,A*3C
\$GPRMC,075557,A,3451.8954,N,07439.6296,W,5.0,314.2,060414,11.9,W*4D
\$GPVTG,314.2,T,326.1,M,5.0,N,9.3,K*43
\$HEHDT,304.7,T*2F

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\$GPZDA,075557,06,04,2014,00,00*48
\$GPGBS,075557,001.3,002.1,001.2,12,0.05,0017.6,012.5*46
\$GPGGA,075558,3451.8965,N,07439.6307,W,2,10,0.2,8,M,,M,,*58

PORT 4 04-06-2014 07:56:49
\$HEHDT,305.0,T*29
\$GPGLL,3451.8965,N,07439.6307,W,075558,A*38
\$GPRMC,075558,A,3451.8965,N,07439.6307,W,5.0,315.4,060414,11.9,W*4E
\$GPVTG,315.4,T,327.3,M,5.0,N,9.3,K*47
\$GPZDA,075558,06,04,2014,00,00*47
\$GPGBS,075558,,,,,,,,*4B
\$GPGGA,075559,3451.8974,N,07439.6320,W,2,10,0.2,8,M,,M,,*5C
\$HEHDT,304.9,T*21

PORT 4 04-06-2014 07:56:50
\$HEHDT,305.0,T*29
\$GPGLL,3451.8974,N,07439.6320,W,075559,A*3C
\$GPRMC,075559,A,3451.8974,N,07439.6320,W,5.0,315.5,060414,11.9,W*4B
\$GPVTG,315.5,T,327.4,M,5.0,N,9.3,K*41
\$GPZDA,075559,06,04,2014,00,00*46
\$GPGBS,075559,,,,,,,,*4A
\$GPGGA,075600,3451.8983,N,07439.6335,W,2,9,0.2,9,M,,M,,*66
\$HEHDT,304.9,T*21

PORT 4 04-06-2014 07:56:51
\$GPGLL,3451.8983,N,07439.6335,W,075600,A*3F
\$HEHDT,304.7,T*2F
\$GPRMC,075600,A,3451.8983,N,07439.6335,W,5.0,313.9,060414,11.9,W*42
\$GPVTG,313.9,T,325.8,M,5.0,N,9.3,K*45
\$GPZDA,075600,06,04,2014,00,00*49
\$GPGBS,075600,,,,,,,,*45
\$GPGGA,075601,3451.8992,N,07439.6347,W,2,9,0.2,9,M,,M,,*62
\$HEHDT,304.8,T*20
PORT 12000 04-06-2014 07:56:51
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PORT 4 04-06-2014 07:56:52
\$GPGLL,3451.8992,N,07439.6347,W,075601,A*3B
\$GPRMC,075601,A,3451.8992,N,07439.6347,W,5.0,313.9,060414,11.9,W*46
\$HEHDT,304.6,T*2E
\$GPVTG,313.9,T,325.8,M,5.0,N,9.3,K*45
\$GPZDA,075601,06,04,2014,00,00*48
\$GPGBS,075601,002.7,004.3,002.5,12,0.05,0023.8,012.5*48
\$GPGGA,075602,3451.9001,N,07439.6358,W,2,10,0.2,9,M,,M,,*55
\$HEHDT,304.6,T*2E

PORT 4 04-06-2014 07:56:53
\$GPGLL,3451.9001,N,07439.6358,W,075602,A*34
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\$GPVTG,312.5,T,324.4,M,5.0,N,9.3,K*45
\$HEHDT,304.7,T*2F
\$GPZDA,075602,06,04,2014,00,00*4B
\$GPGBS,075602,001.8,003.0,001.9,12,0.05,0020.8,012.5*4F
\$GPGGA,075603,3451.9012,N,07439.6367,W,2,10,0.2,9,M,,M,,*5A
\$HEHDT,305.3,T*2A

PORT 4 04-06-2014 07:56:54
\$GPGLL,3451.9012,N,07439.6367,W,075603,A*3B
\$GPRMC,075603,A,3451.9012,N,07439.6367,W,5.0,312.3,060414,11.9,W*4D
\$GPVTG,312.3,T,324.2,M,5.0,N,9.3,K*45
\$GPZDA,075603,06,04,2014,00,00*4A
\$HEHDT,305.0,T*29
\$GPGBS,075603,002.5,003.5,002.8,12,0.05,0027.6,012.5*4E

S01_C04_survey.Log

\$GPGGA,075604,3451.9025,N,07439.6376,W,2,10,0.2,9,M,,M,,*59

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PORT 4 04-06-2014 07:56:55

\$HEHDT,304.8,T*20

\$GPGLL,3451.9025,N,07439.6376,W,075604,A*38

\$GPRMC,075604,A,3451.9025,N,07439.6376,W,5.0,313.5,060414,11.9,W*49

\$GPVTG,313.5,T,325.4,M,5.0,N,9.3,K*45

\$GPZDA,075604,06,04,2014,00,00*4D

\$GPGBS,075604,003.3,005.2,003.0,12,0.05,0028.7,012.5*48

\$HEHDT,304.7,T*2F

\$GPGGA,075605,3451.9037,N,07439.6386,W,2,10,0.2,9,M,,M,,*54

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PORT 4 04-06-2014 07:56:56

\$GPGLL,3451.9037,N,07439.6386,W,075605,A*35

\$HEHDT,304.5,T*2D

\$GPRMC,075605,A,3451.9037,N,07439.6386,W,5.0,314.9,060414,11.9,W*4F

\$GPVTG,314.9,T,326.8,M,5.0,N,9.3,K*41

\$GPZDA,075605,06,04,2014,00,00*4C

\$GPGBS,075605,003.0,004.4,002.0,12,0.05,0026.8,012.5*4D

\$GPGGA,075606,3451.9044,N,07439.6400,W,2,9,0.2,8,M,,M,,*63

\$HEHDT,304.5,T*2D

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PORT 4 04-06-2014 07:56:57

\$GPGLL,3451.9044,N,07439.6400,W,075606,A*3B

\$GPRMC,075606,A,3451.9044,N,07439.6400,W,5.0,315.7,060414,11.9,W*4E

\$HEHDT,304.5,T*2D

\$GPVTG,315.7,T,327.6,M,5.0,N,9.3,K*41

\$GPZDA,075606,06,04,2014,00,00*4F

\$GPGBS,075606,,,,,,*43

\$GPGGA,075607,3451.9052,N,07439.6411,W,2,9,0.2,8,M,,M,,*65

\$HEHDT,305.0,T*29

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PORT 4 04-06-2014 07:56:58

\$GPGLL,3451.9052,N,07439.6411,W,075607,A*3D

\$GPRMC,075607,A,3451.9052,N,07439.6411,W,4.9,315.5,060414,11.9,W*42

\$HEHDT,304.6,T*2E

\$GPVTG,315.5,T,327.4,M,4.9,N,9.1,K*4B

\$GPZDA,075607,06,04,2014,00,00*4E

\$GPGBS,075607,000.8,002.3,000.1,12,0.05,0018.1,012.5*42

\$GPGGA,075608,3451.9062,N,07439.6425,W,2,9,0.3,8,M,,M,,*6F

\$HEHDT,305.4,T*2D

\$GPGLL,3451.9062,N,07439.6425,W,075608,A*36

\$GPRMC,075608,A,3451.9062,N,07439.6425,W,4.9,314.7,060414,11.9,W*4A

\$GPVTG,314.7,T,326.6,M,4.9,N,9.1,K*4B

\$GPZDA,075608,06,04,2014,00,00*41

\$GPGBS,075608,001.4,002.2,001.3,12,0.05,0018.6,012.5*45

\$HEHDT,305.9,T*20

\$GPGGA,075609,3451.9070,N,07439.6440,W,2,9,0.2,8,M,,M,,*6F

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PORT 4 04-06-2014 07:56:59

\$HEHDT,305.4,T*2D

\$GPGLL,3451.9070,N,07439.6440,W,075609,A*37

\$GPRMC,075609,A,3451.9070,N,07439.6440,W,5.0,313.1,060414,11.9,W*42

\$GPVTG,313.1,T,325.0,M,5.0,N,9.3,K*45

\$GPZDA,075609,06,04,2014,00,00*40

\$GPGBS,075609,,,,,,*4C

\$GPGGA,075610,3451.9079,N,07439.6454,W,2,9,0.2,8,M,,M,,*6B

\$HEHDT,305.3,T*2A

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PORT 4 04-06-2014 07:57:00

\$GPGLL,3451.9079,N,07439.6454,W,075610,A*33

\$HEHDT,305.1,T*28

\$GPRMC,075610,A,3451.9079,N,07439.6454,W,5.0,312.6,060414,11.9,W*40

S01_C04_survey.Log

\$GPVTG,312.6,T,324.5,M,5.0,N,9.3,K*47
\$GPZDA,075610,06,04,2014,00,00*48
\$GPGBS,075610,,,,,,,,*44
\$GPGGA,075611,3451.9088,N,07439.6468,W,2,9,0.2,8,M,,M,,*6B
\$HEHDT,305.1,T*28

PORT 4 04-06-2014 07:57:01
\$GPGLL,3451.9088,N,07439.6468,W,075611,A*33
\$GPRMC,075611,A,3451.9088,N,07439.6468,W,5.0,312.6,060414,11.9,W*40
\$HEHDT,304.8,T*20
\$GPVTG,312.6,T,324.5,M,5.0,N,9.3,K*47
\$GPZDA,075611,06,04,2014,00,00*49
\$GPGBS,075611,,,,,,,,*45
\$GPGGA,075612,3451.9098,N,07439.6480,W,2,9,0.2,8,M,,M,,*6F
\$HEHDT,304.7,T*2F
PORT 12000 04-06-2014 07:57:01
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PORT 4 04-06-2014 07:57:02
\$GPGLL,3451.9098,N,07439.6480,W,075612,A*37
\$GPRMC,075612,A,3451.9098,N,07439.6480,W,5.0,313.9,060414,11.9,W*4A
\$GPVTG,313.9,T,325.8,M,5.0,N,9.3,K*45
\$HEHDT,305.3,T*2A
\$GPZDA,075612,06,04,2014,00,00*4A
\$GPGBS,075612,,,,,,,,*46
\$GPGGA,075613,3451.9108,N,07439.6492,W,2,9,0.2,8,M,,M,,*65

PORT 4 04-06-2014 07:57:04
\$HEHDT,305.3,T*2A
\$GPGLL,3451.9108,N,07439.6492,W,075613,A*3D
\$GPRMC,075613,A,3451.9108,N,07439.6492,W,5.0,314.9,060414,11.9,W*47
\$GPVTG,314.9,T,326.8,M,5.0,N,9.3,K*41
\$HEHDT,305.6,T*2F
\$GPZDA,075613,06,04,2014,00,00*4B
\$GPGBS,075613,,,,,,,,*47
\$GPGGA,075614,3451.9119,N,07439.6503,W,2,9,0.2,8,M,,M,,*6B

PORT 4 04-06-2014 07:57:05
\$HEHDT,305.5,T*2C
\$GPGLL,3451.9119,N,07439.6503,W,075614,A*33
\$GPRMC,075614,A,3451.9119,N,07439.6503,W,5.0,314.9,060414,11.9,W*49
\$GPVTG,314.9,T,326.8,M,5.0,N,9.3,K*41
\$GPZDA,075614,06,04,2014,00,00*4C
\$GPGBS,075614,001.3,002.5,001.0,12,0.05,0019.3,012.5*4F
\$GPGGA,075615,3451.9127,N,07439.6516,W,2,9,0.2,8,M,,M,,*63
\$HEHDT,305.8,T*21

PORT 4 04-06-2014 07:57:06
\$HEHDT,304.6,T*2E
\$GPGLL,3451.9127,N,07439.6516,W,075615,A*3B
\$GPRMC,075615,A,3451.9127,N,07439.6516,W,5.0,314.7,060414,11.9,W*4F
\$GPVTG,314.7,T,326.6,M,5.0,N,9.3,K*41
\$GPZDA,075615,06,04,2014,00,00*4D
\$GPGBS,075615,,,,,,,,*41
\$HEHDT,304.6,T*2E
\$GPGGA,075616,3451.9135,N,07439.6526,W,2,9,0.2,8,M,,M,,*60

PORT 4 04-06-2014 07:57:07
\$GPGLL,3451.9135,N,07439.6526,W,075616,A*38
\$GPRMC,075616,A,3451.9135,N,07439.6526,W,5.0,314.7,060414,11.9,W*4C
\$HEHDT,304.4,T*2C
\$GPVTG,314.7,T,326.6,M,5.0,N,9.3,K*41
\$GPZDA,075616,06,04,2014,00,00*4E

S01_C04_survey.Log

\$GPGBS,075616,002.4,003.9,001.9,12,0.05,0023.3,012.5*44
\$GPGGA,075617,3451.9145,N,07439.6539,W,2,9,0.2,9,M,,M,,*69
\$HEHDT,304.3,T*2B

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PORT 4 04-06-2014 07:57:08

\$GPGLL,3451.9145,N,07439.6539,W,075617,A*30
\$GPRMC,075617,A,3451.9145,N,07439.6539,W,4.9,313.9,060414,11.9,W*45
\$GPVTG,313.9,T,325.8,M,4.9,N,9.1,K*4F
\$HEHDT,304.8,T*20
\$GPZDA,075617,06,04,2014,00,00*4F
\$GPGBS,075617,,,,,,,,*43
\$GPGGA,075618,3451.9145,N,07439.6539,W,2,9,0.2,9,M,,M,,*66
\$HEHDT,305.0,T*29

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PORT 4 04-06-2014 07:57:09

\$GPGLL,3451.9145,N,07439.6539,W,075618,A*3F
\$GPRMC,075618,A,3451.9145,N,07439.6539,W,4.9,313.9,060414,11.9,W*4A
\$GPVTG,313.9,T,325.8,M,4.9,N,9.1,K*4F
\$GPZDA,075618,06,04,2014,00,00*40
\$HEHDT,305.3,T*2A
\$GPGBS,075618,,,,,,,,*4C
\$GPGGA,075619,3451.9166,N,07439.6566,W,2,9,0.2,9,M,,M,,*6C

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PORT 4 04-06-2014 07:57:10

\$HEHDT,305.4,T*2D
\$GPGLL,3451.9166,N,07439.6566,W,075619,A*35
\$GPRMC,075619,A,3451.9166,N,07439.6566,W,5.0,315.2,060414,11.9,W*45
\$GPVTG,315.2,T,327.1,M,5.0,N,9.3,K*43
\$GPZDA,075619,06,04,2014,00,00*41
\$GPGBS,075619,,,,,,,,*4D
\$HEHDT,305.4,T*2D
\$GPGGA,075620,3451.9174,N,07439.6578,W,2,9,0.2,9,M,,M,,*6A

#

PORT 4 04-06-2014 07:57:11

\$GPGLL,3451.9174,N,07439.6578,W,075620,A*33
\$HEHDT,305.1,T*28
\$GPRMC,075620,A,3451.9174,N,07439.6578,W,5.0,315.1,060414,11.9,W*40
\$GPVTG,315.1,T,327.0,M,5.0,N,9.3,K*41
\$GPZDA,075620,06,04,2014,00,00*4B
\$GPGBS,075620,,,,,,,,*47
\$GPGGA,075621,3451.9182,N,07439.6592,W,2,9,0.2,9,M,,M,,*66
\$HEHDT,305.4,T*2D

PORT 12000 04-06-2014 07:57:11

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:57:12

\$HEHDT,305.1,T*28
\$GPGLL,3451.9182,N,07439.6592,W,075621,A*3F
\$GPRMC,075621,A,3451.9182,N,07439.6592,W,5.0,315.1,060414,11.9,W*4C
\$GPVTG,315.1,T,327.0,M,5.0,N,9.3,K*41
\$GPZDA,075621,06,04,2014,00,00*4A
\$GPGBS,075621,,,,,,,,*46
\$HEHDT,304.6,T*2E
\$GPGGA,075622,3451.9192,N,07439.6602,W,2,9,0.2,9,M,,M,,*6E

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PORT 4 04-06-2014 07:57:13

\$GPGLL,3451.9192,N,07439.6602,W,075622,A*37
\$HEHDT,304.8,T*20
\$GPRMC,075622,A,3451.9192,N,07439.6602,W,4.9,313.4,060414,11.9,W*4F
\$GPVTG,313.4,T,325.3,M,4.9,N,9.1,K*49
\$GPZDA,075622,06,04,2014,00,00*49
\$GPGBS,075622,004.7,006.6,005.3,12,0.05,0033.3,012.5*43
\$GPGGA,075623,3451.9203,N,07439.6614,W,2,9,0.2,9,M,,M,,*63

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\$HEHDT,304.8,T*20

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PORT 4 04-06-2014 07:57:14

\$GPGLL,3451.9203,N,07439.6614,W,075623,A*3A

\$GPRMC,075623,A,3451.9203,N,07439.6614,W,5.0,312.1,060414,11.9,W*4E

\$GPVTG,312.1,T,324.0,M,5.0,N,9.3,K*45

\$HEHDT,304.6,T*2E

\$GPZDA,075623,06,04,2014,00,00*48

\$GPGBS,075623,001.6,002.2,001.8,12,0.05,0010.9,012.5*42

\$GPGBA,075624,3451.9214,N,07439.6627,W,2,10,0.2,9,M,,M,,*5A

\$HEHDT,304.6,T*2E

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PORT 4 04-06-2014 07:57:15

\$GPGLL,3451.9214,N,07439.6627,W,075624,A*3B

\$GPRMC,075624,A,3451.9214,N,07439.6627,W,5.0,312.4,060414,11.9,W*4A

\$GPVTG,312.4,T,324.3,M,5.0,N,9.3,K*43

\$GPZDA,075624,06,04,2014,00,00*4F

\$GPGBS,075624,,,,,,*43

\$GPGBA,075625,3451.9225,N,07439.6638,W,2,10,0.2,9,M,,M,,*57

\$HEHDT,304.6,T*2E

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PORT 4 04-06-2014 07:57:16

\$HEHDT,304.7,T*2F

\$GPGLL,3451.9225,N,07439.6638,W,075625,A*36

\$GPRMC,075625,A,3451.9225,N,07439.6638,W,5.0,315.5,060414,11.9,W*41

\$GPVTG,315.5,T,327.4,M,5.0,N,9.3,K*41

\$GPZDA,075625,06,04,2014,00,00*4E

\$GPGBS,075625,,,,,,*42

\$HEHDT,304.9,T*21

\$GPGBA,075626,3451.9235,N,07439.6649,W,2,9,0.2,9,M,,M,,*6B

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PORT 4 04-06-2014 07:57:17

\$GPGLL,3451.9235,N,07439.6649,W,075626,A*32

\$HEHDT,305.0,T*29

\$GPRMC,075626,A,3451.9235,N,07439.6649,W,5.0,315.5,060414,11.9,W*45

\$GPVTG,315.5,T,327.4,M,5.0,N,9.3,K*41

\$GPZDA,075626,06,04,2014,00,00*4D

\$GPGBS,075626,002.3,003.6,002.0,12,0.05,0019.8,012.5*47

\$GPGBA,075627,3451.9243,N,07439.6660,W,2,9,0.2,9,M,,M,,*60

\$HEHDT,304.8,T*20

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PORT 4 04-06-2014 07:57:18

\$GPGLL,3451.9243,N,07439.6660,W,075627,A*39

\$HEHDT,305.1,T*28

\$GPRMC,075627,A,3451.9243,N,07439.6660,W,5.0,315.4,060414,11.9,W*4F

\$GPVTG,315.4,T,327.3,M,5.0,N,9.3,K*47

\$GPZDA,075627,06,04,2014,00,00*4C

\$GPGBS,075627,001.5,002.3,001.4,12,0.05,0020.5,012.5*47

\$GPGBA,075628,3451.9251,N,07439.6672,W,2,9,0.3,9,M,,M,,*6E

\$HEHDT,305.4,T*2D

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PORT 4 04-06-2014 07:57:19

\$GPGLL,3451.9251,N,07439.6672,W,075628,A*36

\$GPRMC,075628,A,3451.9251,N,07439.6672,W,4.9,314.3,060414,11.9,W*4E

\$HEHDT,305.1,T*28

\$GPVTG,314.3,T,326.2,M,4.9,N,9.1,K*4B

\$GPZDA,075628,06,04,2014,00,00*43

\$GPGBS,075628,001.4,002.2,001.2,12,0.05,0018.7,012.5*47

\$GPGBA,075629,3451.9263,N,07439.6682,W,2,9,0.2,9,M,,M,,*60

\$HEHDT,304.6,T*2E

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PORT 4 04-06-2014 07:57:20

\$GPGLL,3451.9263,N,07439.6682,W,075629,A*39

S01_C04_survey.Log

\$GPRMC,075629,A,3451.9263,N,07439.6682,W,4.9,313.5,060414,11.9,W*40
\$GPVTG,313.5,T,325.4,M,4.9,N,9.1,K*4F
\$HEHDT,304.9,T*21
\$GPZDA,075629,06,04,2014,00,00*42
\$GPGBS,075629,002.2,003.5,001.9,12,0.05,0019.1,012.5*49
\$GPGGA,075630,3451.9275,N,07439.6693,W,2,10,0.2,9,M,,M,,*57
\$HEHDT,305.1,T*28

PORT 4 04-06-2014 07:57:21
\$GPGLL,3451.9275,N,07439.6693,W,075630,A*36
\$GPRMC,075630,A,3451.9275,N,07439.6693,W,5.0,314.2,060414,11.9,W*47
\$GPVTG,314.2,T,326.1,M,5.0,N,9.3,K*43
\$GPZDA,075630,06,04,2014,00,00*4A
\$HEHDT,305.4,T*2D
\$GPGBS,075630,001.6,002.7,001.3,12,0.05,0015.6,012.5*44
\$GPGGA,075631,3451.9286,N,07439.6704,W,2,10,0.2,9,M,,M,,*55
PORT 12000 04-06-2014 07:57:21
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 07:57:22
\$HEHDT,305.4,T*2D
\$GPGLL,3451.9286,N,07439.6704,W,075631,A*34
\$GPRMC,075631,A,3451.9286,N,07439.6704,W,5.0,315.3,060414,11.9,W*45
\$GPVTG,315.3,T,327.2,M,5.0,N,9.3,K*41
\$GPZDA,075631,06,04,2014,00,00*4B
\$GPGBS,075631,001.9,002.9,001.6,12,0.05,0015.8,012.5*4F
\$GPGGA,075632,3451.9294,N,07439.6718,W,2,10,0.2,9,M,,M,,*58
\$HEHDT,305.7,T*2E
\$GPGLL,3451.9294,N,07439.6718,W,075632,A*39
\$GPRMC,075632,A,3451.9294,N,07439.6718,W,5.0,315.8,060414,11.9,W*43
\$HEHDT,305.5,T*2C
\$GPVTG,315.8,T,327.7,M,5.0,N,9.3,K*4F
\$GPZDA,075632,06,04,2014,00,00*48
\$GPGBS,075632,,,,,,*44
\$GPGGA,075633,3451.9304,N,07439.6730,W,2,10,0.2,9,M,,M,,*5B

PORT 5 04-06-2014 07:57:24
IN
PORT 4 04-06-2014 07:57:24
\$GPGLL,3451.9304,N,07439.6730,W,075633,A*3A
\$GPRMC,075633,A,3451.9304,N,07439.6730,W,5.0,315.8,060414,11.9,W*40
\$GPVTG,315.8,T,327.7,M,5.0,N,9.3,K*4F
\$HEHDT,305.2,T*2B
\$GPZDA,075633,06,04,2014,00,00*49
\$GPGBS,075633,,,,,,*45
\$GPGGA,075634,3451.9312,N,07439.6744,W,2,8,0.3,9,M,,M,,*60
\$HEHDT,305.4,T*2D

PORT 4 04-06-2014 07:57:25
\$GPGLL,3451.9312,N,07439.6744,W,075634,A*39
\$GPRMC,075634,A,3451.9312,N,07439.6744,W,5.0,315.6,060414,11.9,W*4D
\$GPVTG,315.6,T,327.5,M,5.0,N,9.3,K*43
\$GPZDA,075634,06,04,2014,00,00*4E
\$GPGBS,075634,,,,,,*42
\$HEHDT,305.3,T*2A
\$GPGGA,075635,3451.9319,N,07439.6759,W,2,8,0.2,9,M,,M,,*67

PORT 4 04-06-2014 07:57:26
\$HEHDT,305.8,T*21
\$GPGLL,3451.9319,N,07439.6759,W,075635,A*3F
\$GPRMC,075635,A,3451.9319,N,07439.6759,W,5.0,314.6,060414,11.9,W*4A
\$GPVTG,314.6,T,326.5,M,5.0,N,9.3,K*43
\$GPZDA,075635,06,04,2014,00,00*4F

S01_C04_survey.Log

\$GPGBS,075635,,,,,,,,*43
\$HEHDT,305.4,T*2D
\$GPGGA,075636,3451.9329,N,07439.6772,W,2,8,0.3,9,M,,M,,*6F

PORT 4 04-06-2014 07:57:27
\$HEHDT,305.4,T*2D
\$GPGLL,3451.9329,N,07439.6772,W,075636,A*36
\$GPRMC,075636,A,3451.9329,N,07439.6772,W,5.0,313.3,060414,11.9,W*41
\$GPVTG,313.3,T,325.2,M,5.0,N,9.3,K*45
\$GPZDA,075636,06,04,2014,00,00*4C
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\$GPGGA,075637,3451.9337,N,07439.6786,W,2,8,0.3,9,M,,M,,*6A
\$HEHDT,305.4,T*2D

PORT 5 04-06-2014 07:57:28
04898 ms
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PORT 4 04-06-2014 07:57:28
\$GPGLL,3451.9337,N,07439.6786,W,075637,A*33
\$GPRMC,075637,A,3451.9337,N,07439.6786,W,5.0,313.0,060414,11.9,W*47
\$HEHDT,305.8,T*21
\$GPVTG,313.0,T,324.9,M,5.0,N,9.3,K*4C
\$GPZDA,075637,06,04,2014,00,00*4D
\$GPGBS,075637,,,,,,,,*41
\$GPGGA,075638,3451.9348,N,07439.6797,W,2,9,0.2,9,M,,M,,*6D
\$HEHDT,305.7,T*2E

PORT 4 04-06-2014 07:57:29
\$GPGLL,3451.9348,N,07439.6797,W,075638,A*34
\$GPRMC,075638,A,3451.9348,N,07439.6797,W,5.0,313.2,060414,11.9,W*42
\$HEHDT,305.8,T*21
\$GPVTG,313.2,T,325.1,M,5.0,N,9.3,K*47
\$GPZDA,075638,06,04,2014,00,00*42
\$GPGBS,075638,,,,,,,,*4E
\$GPGGA,075639,3451.9361,N,07439.6808,W,2,9,0.3,9,M,,M,,*6F
\$HEHDT,305.3,T*2A

PORT 4 04-06-2014 07:57:30
\$GPGLL,3451.9361,N,07439.6808,W,075639,A*37
\$GPRMC,075639,A,3451.9361,N,07439.6808,W,5.0,314.2,060414,11.9,W*46
\$HEHDT,304.2,T*2A
\$GPVTG,314.2,T,326.1,M,5.0,N,9.3,K*43
\$GPZDA,075639,06,04,2014,00,00*43
\$GPGBS,075639,,,,,,,,*4F
\$GPGGA,075640,3451.9373,N,07439.6815,W,2,8,0.3,9,M,,M,,*6F
\$HEHDT,304.2,T*2A

PORT 4 04-06-2014 07:57:31
\$GPGLL,3451.9373,N,07439.6815,W,075640,A*36
\$GPRMC,075640,A,3451.9373,N,07439.6815,W,5.0,315.9,060414,11.9,W*4D
\$GPVTG,315.9,T,327.8,M,5.0,N,9.3,K*41
\$GPZDA,075640,06,04,2014,00,00*4D
\$GPGBS,075640,003.9,005.3,004.1,12,0.05,0024.1,012.5*4F
\$HEHDT,304.1,T*29
\$GPGGA,075641,3451.9383,N,07439.6826,W,2,8,0.3,9,M,,M,,*61
\$HEHDT,304.6,T*2E
\$GPGLL,3451.9383,N,07439.6826,W,075641,A*38
\$GPRMC,075641,A,3451.9383,N,07439.6826,W,5.0,316.8,060414,11.9,W*41
\$GPVTG,316.8,T,328.7,M,5.0,N,9.3,K*43
\$GPZDA,075641,06,04,2014,00,00*4C
\$GPGBS,075641,,,,,,,,*40
\$GPGGA,075642,3451.9393,N,07439.6838,W,2,5,0.4,9,M,,M,,*66
\$HEHDT,304.8,T*20

S01_C04_survey.Log

PORT 12000 04-06-2014 07:57:31

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:57:32

\$GPGLL,3451.9393,N,07439.6838,W,075642,A*35

\$HEHDT,305.2,T*2B

\$GPRMC,075642,A,3451.9393,N,07439.6838,W,5.0,317.1,060414,11.9,W*44

\$GPVTG,317.1,T,329.0,M,5.0,N,9.3,K*4D

\$GPZDA,075642,06,04,2014,00,00*4F

\$GPGBS,075642,,,,,,,,*43

\$GPGGA,075643,3451.9402,N,07439.6851,W,2,5,0.4,9,M,,M,,*67

\$HEHDT,304.9,T*21

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PORT 4 04-06-2014 07:57:34

\$GPGLL,3451.9402,N,07439.6851,W,075643,A*34

\$GPRMC,075643,A,3451.9402,N,07439.6851,W,5.0,316.8,060414,11.9,W*4D

\$HEHDT,304.6,T*2E

\$GPVTG,316.8,T,328.7,M,5.0,N,9.3,K*43

\$GPZDA,075643,06,04,2014,00,00*4E

\$GPGBS,075643,,,,,,,,*42

\$GPGGA,075644,3451.9409,N,07439.6863,W,2,5,0.4,9,M,,M,,*6A

\$HEHDT,304.3,T*2B

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PORT 4 04-06-2014 07:57:35

\$GPGLL,3451.9409,N,07439.6863,W,075644,A*39

\$GPRMC,075644,A,3451.9409,N,07439.6863,W,5.0,316.4,060414,11.9,W*4C

\$HEHDT,304.3,T*2B

\$GPVTG,316.4,T,328.3,M,5.0,N,9.3,K*4B

\$GPZDA,075644,06,04,2014,00,00*49

\$GPGBS,075644,,,,,,,,*45

\$GPGGA,075645,3451.9417,N,07439.6875,W,2,5,0.4,9,M,,M,,*63

\$HEHDT,304.6,T*2E

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PORT 4 04-06-2014 07:57:36

\$GPGLL,3451.9417,N,07439.6875,W,075645,A*30

\$GPRMC,075645,A,3451.9417,N,07439.6875,W,4.9,315.1,060414,11.9,W*4B

\$GPVTG,315.1,T,327.0,M,4.9,N,9.1,K*4B

\$HEHDT,304.9,T*21

\$GPZDA,075645,06,04,2014,00,00*48

\$GPGBS,075645,004.3,005.7,000.8,12,0.05,0023.1,012.5*49

\$GPGGA,075646,3451.9426,N,07439.6891,W,2,6,0.4,9,M,,M,,*6B

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PORT 4 04-06-2014 07:57:37

\$HEHDT,305.4,T*2D

\$GPGLL,3451.9426,N,07439.6891,W,075646,A*3B

\$GPRMC,075646,A,3451.9426,N,07439.6891,W,4.9,312.5,060414,11.9,W*43

\$GPVTG,312.5,T,324.4,M,4.9,N,9.1,K*4F

\$GPZDA,075646,06,04,2014,00,00*4B

\$GPGBS,075646,001.2,002.0,000.8,12,0.05,0016.7,012.5*4E

\$HEHDT,304.7,T*2F

\$GPGGA,075647,3451.9435,N,07439.6904,W,2,6,0.2,9,M,,M,,*63

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PORT 4 04-06-2014 07:57:38

\$GPGLL,3451.9435,N,07439.6904,W,075647,A*35

\$HEHDT,304.7,T*2F

\$GPRMC,075647,A,3451.9435,N,07439.6904,W,4.9,310.9,060414,11.9,W*43

\$GPVTG,310.9,T,322.8,M,4.9,N,9.1,K*4B

\$GPZDA,075647,06,04,2014,00,00*4A

\$GPGBS,075647,,,,,,,,*46

\$GPGGA,075648,3451.9446,N,07439.6914,W,2,6,0.3,9,M,,M,,*68

\$HEHDT,304.6,T*2E

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PORT 4 04-06-2014 07:57:39

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\$GPGLL,3451.9446,N,07439.6914,W,075648,A*3F
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\$HEHDT,304.1,T*29
\$GPVTG,311.9,T,323.8,M,5.0,N,9.3,K*41
\$GPZDA,075648,06,04,2014,00,00*45
\$GPGBS,075648,,,,,,,,*49
\$GPGGA,075649,3451.9458,N,07439.6925,W,2,6,0.2,9,M,,M,,*65
\$HEHDT,303.7,T*28

PORT 4 04-06-2014 07:57:40
\$GPGLL,3451.9458,N,07439.6925,W,075649,A*33
\$GPRMC,075649,A,3451.9458,N,07439.6925,W,5.0,314.1,060414,11.9,w*41
\$HEHDT,303.5,T*2A
\$GPVTG,314.1,T,326.0,M,5.0,N,9.3,K*41
\$GPZDA,075649,06,04,2014,00,00*44
\$GPGBS,075649,,,,,,,,*48
\$GPGGA,075650,3451.9469,N,07439.6938,W,2,9,0.2,9,M,,M,,*6C
\$HEHDT,303.4,T*2B

PORT 4 04-06-2014 07:57:41
\$GPGLL,3451.9469,N,07439.6938,W,075650,A*35
\$GPRMC,075650,A,3451.9469,N,07439.6938,W,5.0,315.7,060414,11.9,w*40
\$GPVTG,315.7,T,327.6,M,5.0,N,9.3,K*41
\$GPZDA,075650,06,04,2014,00,00*4C
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\$GPGBS,075650,,,,,,,,*40
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\$HEHDT,304.2,T*2A
PORT 12000 04-06-2014 07:57:41
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PORT 4 04-06-2014 07:57:42
\$GPGLL,3451.9478,N,07439.6949,W,075651,A*32
\$GPRMC,075651,A,3451.9478,N,07439.6949,W,5.0,316.2,060414,11.9,w*41
\$GPVTG,316.2,T,328.1,M,5.0,N,9.3,K*4F
\$GPZDA,075651,06,04,2014,00,00*4D
\$GPGBS,075651,,,,,,,,*41
\$GPGGA,075652,3451.9487,N,07439.6964,W,2,9,0.2,9,M,,M,,*67
\$HEHDT,303.8,T*27

PORT 4 04-06-2014 07:57:43
\$HEHDT,304.2,T*2A
\$GPGLL,3451.9487,N,07439.6964,W,075652,A*3E
\$GPRMC,075652,A,3451.9487,N,07439.6964,W,5.0,316.1,060414,11.9,w*4E
\$GPVTG,316.1,T,328.0,M,5.0,N,9.3,K*4D
\$GPZDA,075652,06,04,2014,00,00*4E
\$GPGBS,075652,,,,,,,,*42
\$HEHDT,304.4,T*2C
\$GPGGA,075653,3451.9495,N,07439.6974,W,2,9,0.2,9,M,,M,,*64

PORT 4 04-06-2014 07:57:44
\$GPGLL,3451.9495,N,07439.6974,W,075653,A*3D
\$HEHDT,304.4,T*2C
\$GPRMC,075653,A,3451.9495,N,07439.6974,W,5.0,315.1,060414,11.9,w*4E
\$GPVTG,315.1,T,327.0,M,5.0,N,9.3,K*41
\$GPZDA,075653,06,04,2014,00,00*4F
\$GPGBS,075653,001.6,002.8,001.3,12,0.05,0012.8,012.5*47
\$GPGGA,075654,3451.9503,N,07439.6985,W,2,10,0.2,9,M,,M,,*5B
\$HEHDT,304.2,T*2A
\$GPGLL,3451.9503,N,07439.6985,W,075654,A*3A
\$GPRMC,075654,A,3451.9503,N,07439.6985,W,4.9,313.7,060414,11.9,w*41
\$GPVTG,313.7,T,325.6,M,4.9,N,9.1,K*4F
\$HEHDT,304.0,T*28

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\$GPZDA,075654,06,04,2014,00,00*48
\$GPGBS,075654,001.8,003.3,001.3,12,0.05,0016.7,012.5*4F
\$GPGGA,075655,3451.9514,N,07439.6996,W,2,10,0.2,9,M,,M,,*5E

PORT 4 04-06-2014 07:57:45
\$HEHDT,304.3,T*2B
\$GPGLL,3451.9514,N,07439.6996,W,075655,A*3F
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\$GPVTG,313.2,T,325.1,M,4.9,N,9.1,K*4D
\$GPZDA,075655,06,04,2014,00,00*49
\$HEHDT,304.5,T*2D
\$GPGBS,075655,,,,,,,,*45
\$GPGGA,075656,3451.9524,N,07439.7010,W,2,9,0.2,9,M,,M,,*60

PORT 4 04-06-2014 07:57:46
\$HEHDT,304.6,T*2E
\$GPGLL,3451.9524,N,07439.7010,W,075656,A*39
\$GPRMC,075656,A,3451.9524,N,07439.7010,W,4.9,314.0,060414,11.9,W*42
\$GPVTG,314.0,T,325.9,M,4.9,N,9.1,K*40
\$GPZDA,075656,06,04,2014,00,00*4A
\$GPGBS,075656,,,,,,,,*46
\$GPGGA,075657,3451.9534,N,07439.7022,W,2,9,0.2,9,M,,M,,*61
\$HEHDT,304.6,T*2E

PORT 4 04-06-2014 07:57:47
\$GPGLL,3451.9534,N,07439.7022,W,075657,A*38
\$HEHDT,304.7,T*2F
\$GPRMC,075657,A,3451.9534,N,07439.7022,W,4.9,314.6,060414,11.9,W*45
\$GPVTG,314.6,T,326.5,M,4.9,N,9.1,K*49
\$GPZDA,075657,06,04,2014,00,00*4B
\$GPGBS,075657,,,,,,,,*47
\$GPGGA,075658,3451.9543,N,07439.7036,W,2,9,0.2,9,M,,M,,*6B
\$HEHDT,304.6,T*2E

PORT 4 04-06-2014 07:57:49
\$HEHDT,304.8,T*20
\$GPGLL,3451.9543,N,07439.7036,W,075658,A*32
\$GPRMC,075658,A,3451.9543,N,07439.7036,W,4.9,314.2,060414,11.9,W*4B
\$GPVTG,314.2,T,326.1,M,4.9,N,9.1,K*49
\$GPZDA,075658,06,04,2014,00,00*44
\$GPGBS,075658,,,,,,,,*48
\$HEHDT,304.6,T*2E
\$GPGGA,075659,3451.9553,N,07439.7047,W,2,9,0.2,9,M,,M,,*6D

PORT 4 04-06-2014 07:57:50
\$GPGLL,3451.9553,N,07439.7047,W,075659,A*34
\$GPRMC,075659,A,3451.9553,N,07439.7047,W,4.9,313.8,060414,11.9,W*40
\$HEHDT,304.7,T*2F
\$GPVTG,313.8,T,325.7,M,4.9,N,9.1,K*41
\$GPZDA,075659,06,04,2014,00,00*45
\$GPGBS,075659,001.9,002.9,001.9,12,0.05,0014.3,012.5*44
\$GPGGA,075700,3451.9563,N,07439.7059,W,2,10,0.2,9,M,,M,,*54
\$HEHDT,304.7,T*2F

PORT 4 04-06-2014 07:57:51
\$GPGLL,3451.9563,N,07439.7059,W,075700,A*35
\$GPRMC,075700,A,3451.9563,N,07439.7059,W,4.9,313.6,060414,11.9,W*4F
\$GPVTG,313.6,T,325.5,M,4.9,N,9.1,K*4D
\$HEHDT,304.9,T*21
\$GPZDA,075700,06,04,2014,00,00*48
\$GPGBS,075700,,,,,,,,*44
\$GPGGA,075701,3451.9572,N,07439.7072,W,2,10,0.2,9,M,,M,,*5C
\$HEHDT,305.2,T*2B

S01_C04_survey.Log

PORT 12000 04-06-2014 07:57:51

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 07:57:52

\$GPGLL,3451.9572,N,07439.7072,W,075701,A*3D

\$GPRMC,075701,A,3451.9572,N,07439.7072,W,5.0,313.9,060414,11.9,w*40

\$HEHDT,304.7,T*2F

\$GPVTG,313.9,T,325.8,M,5.0,N,9.3,K*45

\$GPZDA,075701,06,04,2014,00,00*49

\$GPGBS,075701,,,,,,,,*45

\$GPGGA,075702,3451.9582,N,07439.7083,W,2,9,0.2,9,M,,M,,*66

\$HEHDT,304.6,T*2E

\$GPGLL,3451.9582,N,07439.7083,W,075702,A*3F

\$GPRMC,075702,A,3451.9582,N,07439.7083,W,5.0,314.1,060414,11.9,w*4D

\$GPVTG,314.1,T,326.0,M,5.0,N,9.3,K*41

\$GPZDA,075702,06,04,2014,00,00*4A

\$GPGBS,075702,001.4,004.5,000.3,12,0.05,0022.5,012.5*44

\$HEHDT,304.7,T*2F

\$GPGGA,075703,3451.9592,N,07439.7094,W,2,9,0.3,9,M,,M,,*61

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PORT 4 04-06-2014 07:57:54

\$HEHDT,305.1,T*28

\$GPGLL,3451.9592,N,07439.7094,W,075703,A*39

\$GPRMC,075703,A,3451.9592,N,07439.7094,W,5.0,313.4,060414,11.9,w*49

\$GPVTG,313.4,T,325.3,M,5.0,N,9.3,K*43

\$GPZDA,075703,06,04,2014,00,00*4B

\$GPGBS,075703,001.8,003.0,001.4,12,0.05,0017.7,012.5*49

\$GPGGA,075704,3451.9601,N,07439.7106,W,2,10,0.2,9,M,,M,,*5C

\$HEHDT,305.1,T*28

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PORT 4 04-06-2014 07:57:55

\$GPGLL,3451.9601,N,07439.7106,W,075704,A*3D

\$GPRMC,075704,A,3451.9601,N,07439.7106,W,5.0,313.0,060414,11.9,w*49

\$HEHDT,305.3,T*2A

\$GPVTG,313.0,T,324.9,M,5.0,N,9.3,K*4C

\$GPZDA,075704,06,04,2014,00,00*4C

\$GPGBS,075704,,,,,,,,*40

\$GPGGA,075705,3451.9612,N,07439.7119,W,2,10,0.2,9,M,,M,,*51

\$HEHDT,304.7,T*2F

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PORT 4 04-06-2014 07:57:56

\$GPGLL,3451.9612,N,07439.7119,W,075705,A*30

\$GPRMC,075705,A,3451.9612,N,07439.7119,W,5.0,313.6,060414,11.9,w*42

\$HEHDT,304.9,T*21

\$GPVTG,313.6,T,325.5,M,5.0,N,9.3,K*47

\$GPZDA,075705,06,04,2014,00,00*4D

\$GPGBS,075705,,,,,,,,*41

\$GPGGA,075706,3451.9622,N,07439.7131,W,2,8,0.3,9,M,,M,,*63

\$HEHDT,305.2,T*2B

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PORT 4 04-06-2014 07:57:57

\$GPGLL,3451.9622,N,07439.7131,W,075706,A*3A

\$GPRMC,075706,A,3451.9622,N,07439.7131,W,5.0,315.1,060414,11.9,w*49

\$GPVTG,315.1,T,327.0,M,5.0,N,9.3,K*41

\$GPZDA,075706,06,04,2014,00,00*4E

\$GPGBS,075706,,,,,,,,*42

\$HEHDT,304.7,T*2F

\$GPGGA,075707,3451.9630,N,07439.7144,W,2,8,0.3,9,M,,M,,*63

\$HEHDT,304.9,T*21

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PORT 4 04-06-2014 07:57:58

\$GPGLL,3451.9630,N,07439.7144,W,075707,A*3A

\$GPRMC,075707,A,3451.9630,N,07439.7144,W,5.0,315.5,060414,11.9,w*4D

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\$GPVTG,315.5,T,327.4,M,5.0,N,9.3,K*41
\$GPZDA,075707,06,04,2014,00,00*4F
\$GPGBS,075707,,,,,,,,*43
\$GPGGA,075708,3451.9640,N,07439.7155,W,2,10,0.2,9,M,,M,,*53
\$HEHDT,304.7,T*2F
\$GPGLL,3451.9640,N,07439.7155,W,075708,A*32
\$HEHDT,304.9,T*21
\$GPRMC,075708,A,3451.9640,N,07439.7155,W,5.0,314.7,060414,11.9,W*46
\$GPVTG,314.7,T,326.6,M,5.0,N,9.3,K*41
\$GPZDA,075708,06,04,2014,00,00*40
\$GPGBS,075708,,,,,,,,*4C
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\$HEHDT,305.0,T*29

PORT 4 04-06-2014 07:58:00
\$HEHDT,305.3,T*2A
\$GPGLL,3451.9648,N,07439.7166,W,075709,A*3B
\$GPRMC,075709,A,3451.9648,N,07439.7166,W,4.9,314.5,060414,11.9,W*45
\$GPVTG,314.5,T,326.4,M,4.9,N,9.1,K*4B
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PORT 4 04-06-2014 07:58:01
\$GPGLL,3451.9659,N,07439.7177,W,075710,A*33
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\$HEHDT,305.9,T*20
\$GPVTG,314.4,T,326.3,M,4.9,N,9.1,K*4D
\$GPZDA,075710,06,04,2014,00,00*49
\$GPGBS,075710,002.4,002.9,000.1,12,0.05,0021.6,012.5*4C
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\$GPVTG,313.5,T,325.4,M,4.9,N,9.1,K*4F
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\$HEHDT,305.9,T*20
\$GPGBS,075711,,,,,,,,*44
\$GPGGA,075712,3451.9677,N,07439.7203,W,2,8,0.3,9,M,,M,,*64
\$HEHDT,306.2,T*28

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\$GPRMC,075712,A,3451.9677,N,07439.7203,W,4.9,312.5,060414,11.9,W*45
\$GPVTG,312.5,T,324.4,M,4.9,N,9.1,K*4F
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\$GPGBS,075712,,,,,,,,*47
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\$GPGBS,075713,,,,,,,,*46
\$GPGGA,075714,3451.9701,N,07439.7225,W,2,8,0.3,9,M,,M,,*66

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PORT 4 04-06-2014 07:58:05

\$GPGLL,3451.9701,N,07439.7225,W,075714,A*3F

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\$GPGBS,075714,,,,,,,,*41

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PORT 4 04-06-2014 07:58:06

\$GPGLL,3451.9711,N,07439.7238,W,075715,A*33

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\$GPVTG,315.6,T,327.5,M,5.0,N,9.3,K*43

\$GPZDA,075715,06,04,2014,00,00*4C

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PORT 4 04-06-2014 07:58:07

\$GPGLL,3451.9723,N,07439.7249,W,075716,A*37

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\$GPVTG,316.1,T,328.0,M,5.0,N,9.3,K*4D

\$HEHDT,306.1,T*2B

\$GPZDA,075716,06,04,2014,00,00*4F

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\$HEHDT,306.2,T*28

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PORT 4 04-06-2014 07:58:08

\$GPGLL,3451.9731,N,07439.7261,W,075717,A*3F

\$GPRMC,075717,A,3451.9731,N,07439.7261,W,5.1,316.5,060414,11.9,W*4A

\$GPVTG,316.5,T,328.4,M,5.1,N,9.4,K*4B

\$HEHDT,306.5,T*2F

\$GPZDA,075717,06,04,2014,00,00*4E

\$GPGBS,075717,,,,,,,,*42

\$GPGGA,075718,3451.9742,N,07439.7272,W,2,8,0.3,9,M,,M,,*6F

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\$HEHDT,306.6,T*2C

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PORT 4 04-06-2014 07:58:10

\$GPRMC,075718,A,3451.9742,N,07439.7272,W,5.0,316.3,060414,11.9,W*44

\$GPVTG,316.3,T,328.2,M,5.0,N,9.3,K*4D

\$GPZDA,075718,06,04,2014,00,00*41

\$GPGBS,075718,003.3,003.1,001.3,12,0.05,0015.1,012.5*48

\$GPGGA,075719,3451.9749,N,07439.7285,W,2,8,0.3,9,M,,M,,*6D

\$HEHDT,306.2,T*28

\$HEHDT,305.8,T*21

\$GPGLL,3451.9749,N,07439.7285,W,075719,A*34

\$GPRMC,075719,A,3451.9749,N,07439.7285,W,5.0,315.2,060414,11.9,W*44

\$GPVTG,315.2,T,327.1,M,5.0,N,9.3,K*43

\$GPZDA,075719,06,04,2014,00,00*40

\$GPGBS,075719,,,,,,,,*4C

\$HEHDT,305.5,T*2C

\$GPGGA,075720,3451.9760,N,07439.7296,W,2,7,0.3,9,M,,M,,*61

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PORT 5 04-06-2014 07:58:12

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PORT 4 04-06-2014 07:58:12

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\$HEHDT,305.7,T*2E
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\$GPGGA,075721,3451.9770,N,07439.7305,W,2,7,0.3,9,M,,M,,*6A
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\$GPVTG,313.4,T,325.3,M,4.9,N,9.1,K*49
\$HEHDT,305.5,T*2C
\$GPZDA,075721,06,04,2014,00,00*4B
\$GPGBS,075721,001.9,002.0,001.6,12,0.05,0014.7,012.5*48
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\$GPVTG,313.8,T,325.7,M,5.0,N,9.3,K*4B
\$GPZDA,075720,06,04,2014,00,00*4A
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\$HEHDT,305.5,T*2C
\$GPZDA,075721,06,04,2014,00,00*4B
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\$GPGLL,3451.9781,N,07439.7317,W,075722,A*32
\$GPRMC,075722,A,3451.9781,N,07439.7317,W,4.9,314.5,060414,11.9,w*4C
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\$GPZDA,075722,06,04,2014,00,00*48
\$HEHDT,306.5,T*2F
\$GPGBS,075722,,,,,,,*44
\$GPGGA,075723,3451.9792,N,07439.7328,W,2,8,0.3,9,M,,M,,*64

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\$HEHDT,307.3,T*28
\$GPGLL,3451.9792,N,07439.7328,W,075723,A*3D
\$GPRMC,075723,A,3451.9792,N,07439.7328,W,4.9,316.0,060414,11.9,w*44
\$GPVTG,316.0,T,327.9,M,4.9,N,9.1,K*40
\$GPZDA,075723,06,04,2014,00,00*49
\$GPGBS,075723,,,,,,,*45
\$GPGGA,075724,3451.9800,N,07439.7339,W,2,8,0.3,9,M,,M,,*67
\$HEHDT,307.3,T*28

PORT 4 04-06-2014 07:58:15
\$GPGLL,3451.9800,N,07439.7339,W,075724,A*3E
\$HEHDT,307.3,T*28
\$GPRMC,075724,A,3451.9800,N,07439.7339,W,4.9,316.8,060414,11.9,w*4F
\$GPVTG,316.8,T,328.7,M,4.9,N,9.1,K*49
\$GPZDA,075724,06,04,2014,00,00*4E
\$GPGBS,075724,,,,,,,*42
\$GPGGA,075725,3451.9810,N,07439.7350,W,2,8,0.3,9,M,,M,,*68
\$HEHDT,306.6,T*2C
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PORT 5 04-06-2014 07:58:16

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PORT 4 04-06-2014 07:58:16

\$GPGLL,3451.9810,N,07439.7350,W,075725,A*31

\$HEHDT,306.8,T*22

\$GPRMC,075725,A,3451.9810,N,07439.7350,W,4.9,317.3,060414,11.9,W*4A

\$GPVTG,317.3,T,329.2,M,4.9,N,9.1,K*47

\$GPZDA,075725,06,04,2014,00,00*4F

\$GPGBS,075725,,,,,,,,*43

\$GPGBA,075726,3451.9821,N,07439.7364,W,2,7,0.3,9,M,,M,,*61

\$HEHDT,307.0,T*2B

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PORT 4 04-06-2014 07:58:17

\$GPGLL,3451.9821,N,07439.7364,W,075726,A*37

\$GPRMC,075726,A,3451.9821,N,07439.7364,W,4.9,317.5,060414,11.9,W*4A

\$HEHDT,306.5,T*2F

\$GPVTG,317.5,T,329.4,M,4.9,N,9.1,K*47

\$GPZDA,075726,06,04,2014,00,00*4C

\$GPGBS,075726,,,,,,,,*40

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\$HEHDT,305.8,T*21

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PORT 4 04-06-2014 07:58:18

\$GPGLL,3451.9831,N,07439.7376,W,075727,A*34

\$GPRMC,075727,A,3451.9831,N,07439.7376,W,5.0,317.3,060414,11.9,W*47

\$HEHDT,305.5,T*2C

\$GPVTG,317.3,T,329.2,M,5.0,N,9.3,K*4D

\$GPZDA,075727,06,04,2014,00,00*4D

\$GPGBS,075727,,,,,,,,*41

\$GPGBA,075728,3451.9845,N,07439.7387,W,2,7,0.4,9,M,,M,,*67

\$HEHDT,305.7,T*2E

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PORT 4 04-06-2014 07:58:20

\$GPGLL,3451.9845,N,07439.7387,W,075728,A*36

\$GPRMC,075728,A,3451.9845,N,07439.7387,W,5.0,316.7,060414,11.9,W*40

\$GPVTG,316.7,T,328.6,M,5.0,N,9.3,K*4D

\$GPZDA,075728,06,04,2014,00,00*42

\$HEHDT,305.8,T*21

\$GPGBS,075728,010.7,002.8,005.8,12,0.05,0026.2,012.5*49

\$GPGBA,075729,3451.9857,N,07439.7395,W,2,7,0.4,9,M,,M,,*66

\$HEHDT,306.1,T*2B

\$GPGLL,3451.9857,N,07439.7395,W,075729,A*37

\$GPRMC,075729,A,3451.9857,N,07439.7395,W,5.0,316.0,060414,11.9,W*46

\$GPVTG,316.0,T,327.9,M,5.0,N,9.3,K*4A

\$GPZDA,075729,06,04,2014,00,00*43

\$GPGBS,075729,007.6,006.8,000.1,12,0.05,0036.7,012.5*43

\$GPGBA,075730,3451.9865,N,07439.7409,W,2,9,0.3,10,M,,M,,*5C

\$HEHDT,306.1,T*2B

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PORT 4 04-06-2014 07:58:21

\$GPGLL,3451.9865,N,07439.7409,W,075730,A*3C

\$HEHDT,306.3,T*29

\$GPRMC,075730,A,3451.9865,N,07439.7409,W,5.0,315.2,060414,11.9,W*4C

\$GPVTG,315.2,T,327.1,M,5.0,N,9.3,K*43

\$GPZDA,075730,06,04,2014,00,00*4B

\$GPGBS,075730,,,,,,,,*47

\$GPGBA,075731,3451.9874,N,07439.7422,W,2,9,0.3,10,M,,M,,*54

\$HEHDT,306.3,T*29

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PORT 4 04-06-2014 07:58:22

\$GPGLL,3451.9874,N,07439.7422,W,075731,A*34

\$GPRMC,075731,A,3451.9874,N,07439.7422,W,5.0,314.6,060414,11.9,W*41

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PORT 4 04-06-2014 07:58:23
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$GPVTG,314.4,T,326.3,M,5.0,N,9.3,K*47
$HEHDT,304.8,T*20
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$HEHDT,304.5,T*2D
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PORT 4 04-06-2014 07:58:24
$GPGLL,3451.9893,N,07439.7444,W,075733,A*3F
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$GPZDA,075733,06,04,2014,00,00*48
$GPGBS,075733,,,,,,,,*44
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$GPGGA,075734,3451.9904,N,07439.7455,W,2,8,0.3,10,M,,M,,*56
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$GPRMC,075734,A,3451.9904,N,07439.7455,W,4.9,315.9,060414,11.9,W*44
$GPVTG,315.9,T,327.8,M,4.9,N,9.1,K*4B
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$GPGGA,075735,3451.9915,N,07439.7466,W,2,8,0.3,10,M,,M,,*57
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PORT 4 04-06-2014 07:58:25
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$HEHDT,306.2,T*28
$GPRMC,075735,A,3451.9915,N,07439.7466,W,4.9,316.9,060414,11.9,W*46
$GPVTG,316.9,T,328.8,M,4.9,N,9.1,K*47
$GPZDA,075735,06,04,2014,00,00*4E
$GPGBS,075735,,,,,,,,*42
$GPGGA,075736,3451.9925,N,07439.7477,W,2,9,0.3,10,M,,M,,*56
$HEHDT,306.7,T*2D
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PORT 4 04-06-2014 07:58:26
$GPGLL,3451.9925,N,07439.7477,W,075736,A*36
$GPRMC,075736,A,3451.9925,N,07439.7477,W,5.0,317.5,060414,11.9,W*43
$HEHDT,305.7,T*2E
$GPVTG,317.5,T,329.4,M,5.0,N,9.3,K*4D
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$GPGBS,075736,,,,,,,,*41
$GPGGA,075737,3451.9932,N,07439.7489,W,2,9,0.3,10,M,,M,,*50
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PORT 4 04-06-2014 07:58:27
$HEHDT,305.5,T*2C
$GPGLL,3451.9932,N,07439.7489,W,075737,A*30
$GPRMC,075737,A,3451.9932,N,07439.7489,W,5.0,317.2,060414,11.9,W*42
$GPVTG,317.2,T,329.1,M,5.0,N,9.3,K*4F
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$GPGBS,075737,,,,,,,,*40

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PORT 4 04-06-2014 07:58:29
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\$GPGLL,3451.9940,N,07439.7502,W,075738,A*38
\$GPRMC,075738,A,3451.9940,N,07439.7502,W,4.9,316.4,060414,11.9,W*45
\$HEHDT,304.2,T*2A
\$GPVTG,316.4,T,328.3,M,4.9,N,9.1,K*41
\$GPZDA,075738,06,04,2014,00,00*43
\$GPGBS,075738,,,,,,,,*4F
\$GPGGA,075739,3451.9951,N,07439.7513,W,2,7,0.3,10,M,,M,,*57
\$HEHDT,304.0,T*28

PORT 4 04-06-2014 07:58:30
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\$GPRMC,075739,A,3451.9951,N,07439.7513,W,4.9,315.0,060414,11.9,W*43
\$GPVTG,315.0,T,326.9,M,4.9,N,9.1,K*42
\$GPZDA,075739,06,04,2014,00,00*42
\$HEHDT,304.0,T*28
\$GPGBS,075739,005.9,005.5,002.3,12,0.05,0041.5,012.5*43
\$GPGGA,075740,3451.9959,N,07439.7527,W,2,9,0.3,10,M,,M,,*58
\$GPGLL,3451.9959,N,07439.7527,W,075740,A*38
\$HEHDT,304.6,T*2E
\$GPRMC,075740,A,3451.9959,N,07439.7527,W,4.9,313.8,060414,11.9,W*4C
\$GPVTG,313.8,T,325.7,M,4.9,N,9.1,K*41
\$GPZDA,075740,06,04,2014,00,00*4C
\$GPGBS,075740,,,,,,,,*40
\$GPGGA,075741,3451.9971,N,07439.7538,W,2,9,0.3,10,M,,M,,*5D
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PORT 4 04-06-2014 07:58:32
\$HEHDT,305.1,T*28
\$GPGLL,3451.9971,N,07439.7538,W,075741,A*3D
\$GPRMC,075741,A,3451.9971,N,07439.7538,W,5.0,313.9,060414,11.9,W*40
\$GPVTG,313.9,T,325.8,M,5.0,N,9.3,K*45
\$GPZDA,075741,06,04,2014,00,00*4D
\$GPGBS,075741,,,,,,,,*41
\$HEHDT,305.5,T*2C
\$GPGGA,075742,3451.9982,N,07439.7547,W,2,8,0.3,10,M,,M,,*5B
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\$GPGLL,3451.9982,N,07439.7547,W,075742,A*3A
\$GPRMC,075742,A,3451.9982,N,07439.7547,W,5.0,315.2,060414,11.9,W*4A
\$HEHDT,305.2,T*2B
\$GPVTG,315.2,T,327.1,M,5.0,N,9.3,K*43
\$GPZDA,075742,06,04,2014,00,00*4E
\$GPGBS,075742,002.5,002.7,000.3,12,0.05,0012.3,012.5*43
\$GPGGA,075743,3451.9993,N,07439.7557,W,2,8,0.3,10,M,,M,,*5B
\$HEHDT,304.7,T*2F

PORT 4 04-06-2014 07:58:34
\$GPGLL,3451.9993,N,07439.7557,W,075743,A*3A
\$GPRMC,075743,A,3451.9993,N,07439.7557,W,5.0,316.3,060414,11.9,W*48
\$GPVTG,316.3,T,328.2,M,5.0,N,9.3,K*4D
\$HEHDT,304.3,T*2B
\$GPZDA,075743,06,04,2014,00,00*4F
\$GPGBS,075743,003.9,002.9,001.1,12,0.05,0014.9,012.5*4E
\$GPGGA,075744,3452.0001,N,07439.7570,W,2,9,0.3,10,M,,M,,*50
\$HEHDT,304.3,T*2B

PORT 4 04-06-2014 07:58:35

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\$GPGLL,3452.0001,N,07439.7570,W,075744,A*30
\$GPRMC,075744,A,3452.0001,N,07439.7570,W,4.9,316.4,060414,11.9,W*4D
\$GPVTG,316.4,T,328.3,M,4.9,N,9.1,K*41
\$GPZDA,075744,06,04,2014,00,00*48
\$HEHDT,303.8,T*27
\$GPGBS,075744,,,,,,,,*44
\$GPGGA,075745,3452.0011,N,07439.7582,W,2,9,0.3,10,M,,M,,*5D

PORT 4 04-06-2014 07:58:36
\$HEHDT,303.8,T*27
\$GPGLL,3452.0011,N,07439.7582,W,075745,A*3D
\$GPRMC,075745,A,3452.0011,N,07439.7582,W,5.0,315.7,060414,11.9,W*48
\$GPVTG,315.7,T,327.6,M,5.0,N,9.3,K*41
\$GPZDA,075745,06,04,2014,00,00*49
\$GPGBS,075745,003.4,003.2,001.3,12,0.05,0015.3,012.5*46
\$HEHDT,303.8,T*27
\$GPGGA,075746,3452.0016,N,07439.7597,W,2,9,0.3,10,M,,M,,*5D
\$GPGLL,3452.0016,N,07439.7597,W,075746,A*3D
\$GPRMC,075746,A,3452.0016,N,07439.7597,W,5.0,314.5,060414,11.9,W*4B
\$HEHDT,304.2,T*2A
\$GPVTG,314.5,T,326.4,M,5.0,N,9.3,K*41
\$GPZDA,075746,06,04,2014,00,00*4A
\$GPGBS,075746,,,,,,,,*46
\$GPGGA,075747,3452.0024,N,07439.7610,W,2,9,0.3,10,M,,M,,*51
\$HEHDT,304.6,T*2E

PORT 4 04-06-2014 07:58:37
\$GPGLL,3452.0024,N,07439.7610,W,075747,A*31
\$GPRMC,075747,A,3452.0024,N,07439.7610,W,4.9,313.1,060414,11.9,W*4C
\$GPVTG,313.1,T,325.0,M,4.9,N,9.1,K*4F
\$HEHDT,305.3,T*2A
\$GPZDA,075747,06,04,2014,00,00*4B
\$GPGBS,075747,,,,,,,,*47
\$GPGGA,075748,3452.0036,N,07439.7622,W,2,8,0.3,10,M,,M,,*5D
\$HEHDT,306.1,T*2B

PORT 4 04-06-2014 07:58:39
\$GPGLL,3452.0036,N,07439.7622,W,075748,A*3C
\$GPRMC,075748,A,3452.0036,N,07439.7622,W,4.9,312.9,060414,11.9,W*48
\$GPVTG,312.9,T,324.8,M,4.9,N,9.1,K*4F
\$GPZDA,075748,06,04,2014,00,00*44
\$HEHDT,305.3,T*2A
\$GPGBS,075748,,,,,,,,*48
\$GPGGA,075749,3452.0045,N,07439.7633,W,2,8,0.3,10,M,,M,,*58

PORT 4 04-06-2014 07:58:40
\$HEHDT,305.4,T*2D
\$GPGLL,3452.0045,N,07439.7633,W,075749,A*39
\$GPRMC,075749,A,3452.0045,N,07439.7633,W,5.0,314.1,060414,11.9,W*4B
\$GPVTG,314.1,T,326.0,M,5.0,N,9.3,K*41
\$HEHDT,304.9,T*21
\$GPZDA,075749,06,04,2014,00,00*45
\$GPGBS,075749,,,,,,,,*49
\$GPGGA,075750,3452.0059,N,07439.7640,W,2,8,0.3,10,M,,M,,*59

PORT 4 04-06-2014 07:58:41
\$HEHDT,304.5,T*2D
\$GPGLL,3452.0059,N,07439.7640,W,075750,A*38
\$GPRMC,075750,A,3452.0059,N,07439.7640,W,5.0,315.5,060414,11.9,W*4F
\$GPVTG,315.5,T,327.4,M,5.0,N,9.3,K*41
\$GPZDA,075750,06,04,2014,00,00*4D
\$GPGBS,075750,008.1,007.3,005.2,12,0.05,0027.9,012.5*47
\$GPGGA,075751,3452.0066,N,07439.7654,W,2,8,0.3,10,M,,M,,*51

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\$HEHDT,304.3,T*2B

PORT 4 04-06-2014 07:58:42
\$HEHDT,304.6,T*2E
\$GPGLL,3452.0066,N,07439.7654,W,075751,A*30
\$GPRMC,075751,A,3452.0066,N,07439.7654,W,4.9,315.7,060414,11.9,W*4D
\$GPVTG,315.7,T,327.6,M,4.9,N,9.1,K*4B
\$GPZDA,075751,06,04,2014,00,00*4C
\$GPGBS,075751,,,,,,*40
\$HEHDT,304.5,T*2D
\$GPGGA,075752,3452.0071,N,07439.7672,W,2,8,0.3,10,M,,M,,*50
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PORT 4 04-06-2014 07:58:43
\$GPGLL,3452.0071,N,07439.7672,W,075752,A*31
\$HEHDT,304.1,T*29
\$GPRMC,075752,A,3452.0071,N,07439.7672,W,4.9,314.8,060414,11.9,W*42
\$GPVTG,314.8,T,326.7,M,4.9,N,9.1,K*45
\$GPZDA,075752,06,04,2014,00,00*4F
\$GPGBS,075752,005.3,004.4,006.8,13,0.05,0014.2,012.5*4D
\$GPGGA,075753,3452.0080,N,07439.7686,W,2,8,0.3,10,M,,M,,*54
\$HEHDT,304.5,T*2D

PORT 4 04-06-2014 07:58:44
\$GPGLL,3452.0080,N,07439.7686,W,075753,A*35
\$GPRMC,075753,A,3452.0080,N,07439.7686,W,4.9,313.6,060414,11.9,W*4F
\$HEHDT,304.6,T*2E
\$GPVTG,313.6,T,325.5,M,4.9,N,9.1,K*4D
\$GPZDA,075753,06,04,2014,00,00*4E
\$GPGBS,075753,003.5,003.3,001.3,12,0.05,0021.0,012.5*45
\$GPGGA,075754,3452.0087,N,07439.7700,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,305.0,T*29

PORT 4 04-06-2014 07:58:45
\$GPGLL,3452.0087,N,07439.7700,W,075754,A*3A
\$GPRMC,075754,A,3452.0087,N,07439.7700,W,5.0,313.0,060414,11.9,W*4E
\$HEHDT,305.2,T*2B
\$GPVTG,313.0,T,324.9,M,5.0,N,9.3,K*4C
\$GPZDA,075754,06,04,2014,00,00*49
\$GPGBS,075754,004.1,003.3,005.1,13,0.05,0010.6,012.5*42
\$GPGGA,075755,3452.0098,N,07439.7708,W,2,9,0.3,10,M,,M,,*5D

PORT 4 04-06-2014 07:58:46
\$HEHDT,305.8,T*21
\$GPGLL,3452.0098,N,07439.7708,W,075755,A*3D
\$GPRMC,075755,A,3452.0098,N,07439.7708,W,4.9,313.3,060414,11.9,W*42
\$GPVTG,313.3,T,325.2,M,4.9,N,9.1,K*4F
\$HEHDT,305.3,T*2A
\$GPZDA,075755,06,04,2014,00,00*48
\$GPGBS,075755,006.0,005.2,000.0,12,0.05,0044.0,012.5*45
\$GPGGA,075756,3452.0107,N,07439.7722,W,2,9,0.3,10,M,,M,,*51

PORT 4 04-06-2014 07:58:47
\$GPGLL,3452.0107,N,07439.7722,W,075756,A*31
\$HEHDT,305.7,T*2E
\$GPRMC,075756,A,3452.0107,N,07439.7722,W,4.9,313.8,060414,11.9,W*45
\$GPVTG,313.8,T,325.7,M,4.9,N,9.1,K*41
\$GPZDA,075756,06,04,2014,00,00*4B
\$GPGBS,075756,003.1,002.6,004.3,13,0.05,0010.5,012.5*43
\$GPGGA,075757,3452.0117,N,07439.7734,W,2,9,0.3,10,M,,M,,*56
\$HEHDT,305.4,T*2D
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PORT 4 04-06-2014 07:58:48

\$HEHDT,305.3,T*2A
\$GPGLL,3452.0117,N,07439.7734,W,075757,A*36
\$GPRMC,075757,A,3452.0117,N,07439.7734,W,4.9,314.1,060414,11.9,w*4C
\$GPVTG,314.1,T,326.0,M,4.9,N,9.1,K*4B
\$GPZDA,075757,06,04,2014,00,00*4A
\$GPGBS,075757,,,,,,,,*46
\$GPGGA,075758,3452.0128,N,07439.7745,W,2,8,0.3,10,M,,M,,*52
\$HEHDT,304.7,T*2F

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PORT 4 04-06-2014 07:58:49

\$GPGLL,3452.0128,N,07439.7745,W,075758,A*33
\$GPRMC,075758,A,3452.0128,N,07439.7745,W,5.0,314.4,060414,11.9,w*44
\$HEHDT,304.3,T*2B
\$GPVTG,314.4,T,326.3,M,5.0,N,9.3,K*47
\$GPZDA,075758,06,04,2014,00,00*45
\$GPGBS,075758,004.3,004.0,001.6,12,0.05,0017.6,012.5*4D
\$GPGGA,075759,3452.0135,N,07439.7758,W,2,8,0.3,10,M,,M,,*53
\$HEHDT,304.0,T*28

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PORT 4 04-06-2014 07:58:50

\$GPGLL,3452.0135,N,07439.7758,W,075759,A*32
\$GPRMC,075759,A,3452.0135,N,07439.7758,W,4.9,314.9,060414,11.9,w*40
\$HEHDT,304.6,T*2E
\$GPVTG,314.9,T,326.8,M,4.9,N,9.1,K*4B
\$GPZDA,075759,06,04,2014,00,00*44
\$GPGBS,075759,,,,,,,,*48
\$GPGGA,075800,3452.0146,N,07439.7769,W,2,7,0.3,10,M,,M,,*59
\$HEHDT,304.4,T*2C

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PORT 4 04-06-2014 07:58:51

\$GPGLL,3452.0146,N,07439.7769,W,075800,A*37
\$GPRMC,075800,A,3452.0146,N,07439.7769,W,4.9,315.7,060414,11.9,w*4A
\$GPVTG,315.7,T,327.6,M,4.9,N,9.1,K*4B
\$GPZDA,075800,06,04,2014,00,00*47
\$GPGBS,075800,004.5,004.6,000.7,12,0.05,0023.5,012.5*4B
\$HEHDT,305.5,T*2C
\$GPGGA,075801,3452.0157,N,07439.7783,W,2,7,0.3,10,M,,M,,*5C

PORT 12000 04-06-2014 07:58:51

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PORT 4 04-06-2014 07:58:53

\$HEHDT,305.9,T*20
\$GPGLL,3452.0157,N,07439.7783,W,075801,A*32
\$GPRMC,075801,A,3452.0157,N,07439.7783,W,5.0,315.7,060414,11.9,w*47
\$GPVTG,315.7,T,327.6,M,5.0,N,9.3,K*41
\$GPZDA,075801,06,04,2014,00,00*46
\$GPGBS,075801,,,,,,,,*4A
\$HEHDT,305.9,T*20
\$GPGGA,075802,3452.0165,N,07439.7794,W,2,7,0.3,10,M,,M,,*58
\$GPGLL,3452.0165,N,07439.7794,W,075802,A*36
\$GPRMC,075802,A,3452.0165,N,07439.7794,W,5.0,315.3,060414,11.9,w*47
\$HEHDT,305.6,T*2F
\$GPVTG,315.3,T,327.2,M,5.0,N,9.3,K*41
\$GPZDA,075802,06,04,2014,00,00*45
\$GPGBS,075802,003.1,002.7,000.0,12,0.05,0012.8,012.5*45
\$GPGGA,075803,3452.0171,N,07439.7809,W,2,7,0.3,10,M,,M,,*57
\$HEHDT,305.1,T*28

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PORT 4 04-06-2014 07:58:54

\$GPGLL,3452.0171,N,07439.7809,W,075803,A*39
\$GPRMC,075803,A,3452.0171,N,07439.7809,W,5.0,314.4,060414,11.9,w*4E
\$HEHDT,304.8,T*20

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\$GPVTG,314.4,T,326.3,M,5.0,N,9.3,K*47
\$GPZDA,075803,06,04,2014,00,00*44
\$GPGBS,075803,,,,,,,,*48
\$GPGGA,075804,3452.0175,N,07439.7823,W,2,8,0.3,10,M,,M,,*53
\$HEHDT,304.7,T*2F

PORT 4 04-06-2014 07:58:55
\$GPGLL,3452.0175,N,07439.7823,W,075804,A*32
\$GPRMC,075804,A,3452.0175,N,07439.7823,W,4.8,312.4,060414,11.9,W*4A
\$GPVTG,312.4,T,324.3,M,4.8,N,8.9,K*41
\$HEHDT,304.3,T*2B
\$GPZDA,075804,06,04,2014,00,00*43
\$GPGBS,075804,,,,,,,,*4F
\$GPGGA,075805,3452.0185,N,07439.7838,W,2,8,0.3,10,M,,M,,*57

PORT 4 04-06-2014 07:58:56
\$HEHDT,303.8,T*27
\$GPGLL,3452.0185,N,07439.7838,W,075805,A*36
\$GPRMC,075805,A,3452.0185,N,07439.7838,W,4.8,309.7,060414,11.9,W*47
\$GPVTG,309.7,T,321.6,M,4.8,N,8.9,K*48
\$GPZDA,075805,06,04,2014,00,00*42
\$GPGBS,075805,,,,,,,,*4E
\$HEHDT,304.0,T*28
\$GPGGA,075806,3452.0197,N,07439.7849,W,2,8,0.3,10,M,,M,,*51

PORT 4 04-06-2014 07:58:57
\$HEHDT,303.6,T*29
\$GPGLL,3452.0197,N,07439.7849,W,075806,A*30
\$GPRMC,075806,A,3452.0197,N,07439.7849,W,4.9,310.5,060414,11.9,W*4A
\$GPVTG,310.5,T,322.4,M,4.9,N,9.1,K*4B
\$GPZDA,075806,06,04,2014,00,00*41
\$HEHDT,304.4,T*2C
\$GPGBS,075806,,,,,,,,*4D
\$GPGGA,075807,3452.0210,N,07439.7857,W,2,8,0.3,11,M,,M,,*52

PORT 4 04-06-2014 07:58:58
\$HEHDT,305.0,T*29
\$GPGLL,3452.0210,N,07439.7857,W,075807,A*32
\$GPRMC,075807,A,3452.0210,N,07439.7857,W,5.0,313.6,060414,11.9,W*40
\$GPVTG,313.6,T,325.5,M,5.0,N,9.3,K*47
\$GPZDA,075807,06,04,2014,00,00*40
\$GPGBS,075807,003.3,003.1,000.9,12,0.05,0015.9,012.5*4A
\$HEHDT,305.2,T*2B
\$GPGGA,075808,3452.0219,N,07439.7870,W,2,9,0.3,11,M,,M,,*50

PORT 5 04-06-2014 07:59:00
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PORT 4 04-06-2014 07:59:00
\$GPGLL,3452.0219,N,07439.7870,W,075808,A*31
\$HEHDT,305.3,T*2A
\$GPRMC,075808,A,3452.0219,N,07439.7870,W,5.0,315.0,060414,11.9,W*43
\$GPVTG,315.0,T,326.9,M,5.0,N,9.3,K*48
\$GPZDA,075808,06,04,2014,00,00*4F
\$GPGBS,075808,002.6,002.4,001.0,12,0.05,0016.4,012.5*43
\$GPGGA,075809,3452.0228,N,07439.7879,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,305.7,T*2E
\$GPGLL,3452.0228,N,07439.7879,W,075809,A*3B
\$GPRMC,075809,A,3452.0228,N,07439.7879,W,4.9,314.4,060414,11.9,W*44
\$GPVTG,314.4,T,326.3,M,4.9,N,9.1,K*4D
\$HEHDT,305.5,T*2C
\$GPZDA,075809,06,04,2014,00,00*4E
\$GPGBS,075809,005.4,005.0,002.6,12,0.05,0022.0,012.5*42
\$GPGGA,075810,3452.0236,N,07439.7892,W,2,9,0.3,11,M,,M,,*58

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\$HEHDT,305.6,T*2F

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PORT 4 04-06-2014 07:59:01

\$GPGLL,3452.0236,N,07439.7892,W,075810,A*39

\$GPRMC,075810,A,3452.0236,N,07439.7892,W,4.9,313.2,060414,11.9,W*47

\$GPVTG,313.2,T,325.1,M,4.9,N,9.1,K*4D

\$GPZDA,075810,06,04,2014,00,00*46

\$HEHDT,304.9,T*21

\$GPGBS,075810,,,,,,,,*4A

\$GPGGA,075811,3452.0244,N,07439.7906,W,2,9,0.3,11,M,,M,,*50

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PORT 4 04-06-2014 07:59:02

\$HEHDT,304.7,T*2F

\$GPGLL,3452.0244,N,07439.7906,W,075811,A*31

\$GPRMC,075811,A,3452.0244,N,07439.7906,W,4.8,313.0,060414,11.9,W*4C

\$GPVTG,313.0,T,324.9,M,4.8,N,8.9,K*4E

\$GPZDA,075811,06,04,2014,00,00*47

\$GPGBS,075811,,,,,,,,*4B

\$HEHDT,304.8,T*20

\$GPGGA,075812,3452.0254,N,07439.7919,W,2,8,0.3,11,M,,M,,*5D

PORT 12000 04-06-2014 07:59:02

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 07:59:03

\$GPGLL,3452.0254,N,07439.7919,W,075812,A*3D

\$HEHDT,305.1,T*28

\$GPRMC,075812,A,3452.0254,N,07439.7919,W,4.9,313.4,060414,11.9,W*45

\$GPVTG,313.4,T,325.3,M,4.9,N,9.1,K*49

\$GPZDA,075812,06,04,2014,00,00*44

\$GPGBS,075812,,,,,,,,*48

\$GPGGA,075813,3452.0262,N,07439.7932,W,2,8,0.3,11,M,,M,,*50

\$HEHDT,305.8,T*21

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PORT 5 04-06-2014 07:59:04

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PORT 4 04-06-2014 07:59:04

\$GPGLL,3452.0262,N,07439.7932,W,075813,A*30

\$GPRMC,075813,A,3452.0262,N,07439.7932,W,4.9,313.5,060414,11.9,W*49

\$HEHDT,306.1,T*2B

\$GPVTG,313.5,T,325.4,M,4.9,N,9.1,K*4F

\$GPZDA,075813,06,04,2014,00,00*45

\$GPGBS,075813,,,,,,,,*49

\$GPGGA,075814,3452.0269,N,07439.7943,W,2,8,0.3,11,M,,M,,*5A

\$HEHDT,306.3,T*29

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PORT 4 04-06-2014 07:59:05

\$GPGLL,3452.0269,N,07439.7943,W,075814,A*3A

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\$GPGBS,075815,,,,,,,,*4F

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\$GPGBS,075832,006.7,005.7,000.8,12,0.05,0034.1,012.5*47
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\$GPGBS,075842,,,,,,,,*4D
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\$GPVTG,314.9,T,326.8,M,4.8,N,8.9,K*43
\$GPZDA,075844,06,04,2014,00,00*47
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PORT 4 04-06-2014 07:59:41
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PORT 4 04-06-2014 07:59:42
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PORT 4 04-06-2014 07:59:45
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PORT 4 04-06-2014 07:59:47

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PORT 5 04-06-2014 07:59:50

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PORT 4 04-06-2014 07:59:50

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PORT 4 04-06-2014 07:59:51

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PORT 5 04-06-2014 07:59:54
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PORT 4 04-06-2014 07:59:54
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PORT 4 04-06-2014 07:59:56
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PORT 4 04-06-2014 07:59:58
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PORT 4 04-06-2014 08:00:04
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PORT 4 04-06-2014 08:00:06
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\$GPVTG,315.8,T,327.7,M,4.7,N,8.7,K*4C
\$HEHDT,306.1,T*2B
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PORT 4 04-06-2014 08:00:07
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PORT 4 04-06-2014 08:00:08
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PORT 4 04-06-2014 08:00:09
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PORT 4 04-06-2014 08:00:10
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PORT 4 04-06-2014 08:00:11
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\$HEHDT,307.6,T*2D
\$GPZDA,075920,06,04,2014,00,00*44
\$GPGBS,075920,004.3,005.8,004.3,12,0.05,0026.1,012.5*40
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PORT 4 04-06-2014 08:00:12
\$HEHDT,307.2,T*29
\$GPGLL,3452.0915,N,07439.8677,W,075921,A*3A
\$GPRMC,075921,A,3452.0915,N,07439.8677,W,4.6,315.5,060414,11.9,W*4A
\$GPVTG,315.5,T,327.4,M,4.6,N,8.5,K*41
\$GPZDA,075921,06,04,2014,00,00*45
\$GPGBS,075921,002.3,002.9,000.8,12,0.05,0026.6,012.5*49
\$HEHDT,307.6,T*2D
\$GPGGA,075922,3452.0923,N,07439.8690,W,2,10,0.2,12,M,,M,,*6E
PORT 12000 04-06-2014 08:00:12
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PORT 4 04-06-2014 08:00:13
\$GPGLL,3452.0923,N,07439.8690,W,075922,A*35
\$HEHDT,307.1,T*2A
\$GPRMC,075922,A,3452.0923,N,07439.8690,W,4.6,314.9,060414,11.9,W*48
\$GPVTG,314.9,T,326.8,M,4.6,N,8.5,K*41
\$GPZDA,075922,06,04,2014,00,00*46
\$GPGBS,075922,,,,,,,,*4A
\$GPGGA,075923,3452.0933,N,07439.8701,W,2,10,0.2,12,M,,M,,*67
\$HEHDT,307.1,T*2A

PORT 4 04-06-2014 08:00:14
\$GPGLL,3452.0933,N,07439.8701,W,075923,A*3C
\$GPRMC,075923,A,3452.0933,N,07439.8701,W,4.7,315.6,060414,11.9,W*4E
\$HEHDT,307.0,T*2B
\$GPVTG,315.6,T,327.5,M,4.7,N,8.7,K*40
\$GPZDA,075923,06,04,2014,00,00*47
\$GPGBS,075923,,,,,,,,*4B
\$GPGGA,075924,3452.0941,N,07439.8713,W,2,9,0.3,12,M,,M,,*5F
\$HEHDT,307.3,T*28
\$GPGLL,3452.0941,N,07439.8713,W,075924,A*3D
\$GPRMC,075924,A,3452.0941,N,07439.8713,W,4.7,316.1,060414,11.9,W*4B
\$GPVTG,316.1,T,328.0,M,4.7,N,8.7,K*4E
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\$GPGBS,075924,,,,,,,,*4C
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PORT 4 04-06-2014 08:00:15
\$HEHDT,307.9,T*22

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\$GPGLL,3452.0952,N,07439.8727,W,075925,A*39
\$GPRMC,075925,A,3452.0952,N,07439.8727,W,4.7,316.1,060414,11.9,w*4F
\$GPVTG,316.1,T,328.0,M,4.7,N,8.7,K*4E
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\$GPZDA,075925,06,04,2014,00,00*41
\$GPGBS,075925,,,,,,*4D

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PORT 4 04-06-2014 08:00:17
\$GPGLL,075926,3452.0962,N,07439.8735,W,075926,A*3A
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\$GPVTG,315.8,T,327.7,M,4.8,N,8.9,K*4D
\$GPZDA,075926,06,04,2014,00,00*42
\$GPGBS,075926,002.7,003.9,002.5,12,0.05,0025.8,012.5*49
\$HEHDT,307.7,T*2C
\$GPGLL,075927,3452.0970,N,07439.8744,W,075927,A*3E

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PORT 4 04-06-2014 08:00:18
\$GPGLL,3452.0970,N,07439.8744,W,075927,A*3E
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\$GPRMC,075927,A,3452.0970,N,07439.8744,W,4.7,315.6,060414,11.9,w*4C
\$GPVTG,315.6,T,327.5,M,4.7,N,8.7,K*40
\$GPZDA,075927,06,04,2014,00,00*43
\$GPGBS,075927,002.3,003.4,001.8,12,0.05,0018.1,012.5*48
\$GPGLL,075928,3452.0980,N,07439.8755,W,075928,A*3E

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PORT 4 04-06-2014 08:00:19
\$GPGLL,3452.0980,N,07439.8755,W,075928,A*3E
\$GPRMC,075928,A,3452.0980,N,07439.8755,W,4.6,316.1,060414,11.9,w*49
\$HEHDT,308.3,T*27
\$GPVTG,316.1,T,328.0,M,4.6,N,8.5,K*4D
\$GPZDA,075928,06,04,2014,00,00*4C
\$GPGBS,075928,,,,,,*40
\$GPGLL,075929,3452.0988,N,07439.8767,W,075929,A*36

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PORT 4 04-06-2014 08:00:20
\$GPGLL,3452.0988,N,07439.8767,W,075929,A*36
\$GPRMC,075929,A,3452.0988,N,07439.8767,W,4.6,316.2,060414,11.9,w*42
\$HEHDT,308.5,T*21
\$GPVTG,316.2,T,328.1,M,4.6,N,8.5,K*4F
\$GPZDA,075929,06,04,2014,00,00*4D
\$GPGBS,075929,,,,,,*41
\$GPGLL,075930,3452.0999,N,07439.8777,W,075930,A*3F

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PORT 4 04-06-2014 08:00:21
\$GPGLL,3452.0999,N,07439.8777,W,075930,A*3F
\$GPRMC,075930,A,3452.0999,N,07439.8777,W,4.6,317.3,060414,11.9,w*4B
\$GPVTG,317.3,T,329.2,M,4.6,N,8.5,K*4D
\$HEHDT,308.4,T*20
\$GPZDA,075930,06,04,2014,00,00*45
\$GPGBS,075930,,,,,,*49
\$GPGLL,075931,3452.1010,N,07439.8782,W,075931,A*3D

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PORT 12000 04-06-2014 08:00:21
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PORT 4 04-06-2014 08:00:22
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\$GPVTG,317.3,T,329.2,M,4.6,N,8.5,K*4D
 \$GPZDA,075931,06,04,2014,00,00*44
 \$HEHDT,308.9,T*2D
 \$GPGBS,075931,001.7,005.8,000.2,12,0.05,0021.6,012.5*44
 \$GPGGA,075932,3452.1021,N,07439.8793,W,2,9,0.2,11,M,,M,,*5C
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 PORT 4 04-06-2014 08:00:23
 \$GPGLL,3452.1021,N,07439.8793,W,075932,A*3C
 \$GPRMC,075932,A,3452.1021,N,07439.8793,W,4.6,318.7,060414,11.9,w*43
 \$GPVTG,318.7,T,330.6,M,4.6,N,8.5,K*4A
 \$GPZDA,075932,06,04,2014,00,00*47
 \$GPGBS,075932,001.9,003.2,001.4,12,0.05,0017.7,012.5*46
 \$HEHDT,309.7,T*22
 \$GPGGA,075933,3452.1031,N,07439.8804,W,2,9,0.2,11,M,,M,,*5D
 #
 PORT 4 04-06-2014 08:00:24
 \$GPGLL,3452.1031,N,07439.8804,W,075933,A*3D
 \$HEHDT,309.6,T*23
 \$GPRMC,075933,A,3452.1031,N,07439.8804,W,4.6,318.5,060414,11.9,w*40
 \$GPVTG,318.5,T,330.4,M,4.6,N,8.5,K*4A
 \$GPZDA,075933,06,04,2014,00,00*46
 \$GPGBS,075933,003.2,004.8,002.4,12,0.05,0026.0,012.5*45
 \$GPGGA,075934,3452.1042,N,07439.8815,W,2,10,0.2,11,M,,M,,*66
 \$HEHDT,309.8,T*2D
 #
 PORT 4 04-06-2014 08:00:26
 \$GPGLL,3452.1042,N,07439.8815,W,075934,A*3E
 \$GPRMC,075934,A,3452.1042,N,07439.8815,W,4.7,317.1,060414,11.9,w*49
 \$HEHDT,310.1,T*2C
 \$GPVTG,317.1,T,329.0,M,4.7,N,8.7,K*4E
 \$GPZDA,075934,06,04,2014,00,00*41
 \$GPGBS,075934,002.3,003.5,001.8,12,0.05,0018.5,012.5*4F
 \$GPGGA,075935,3452.1053,N,07439.8825,W,2,10,0.2,11,M,,M,,*64
 \$HEHDT,309.8,T*2D
 \$GPGLL,3452.1053,N,07439.8825,W,075935,A*3C
 \$GPRMC,075935,A,3452.1053,N,07439.8825,W,4.8,316.6,060414,11.9,w*42
 \$GPVTG,316.6,T,328.5,M,4.8,N,8.9,K*4D
 \$HEHDT,309.8,T*2D
 \$GPZDA,075935,06,04,2014,00,00*40
 \$GPGBS,075935,001.8,003.1,002.5,12,0.05,0016.1,012.5*46
 \$GPGGA,075936,3452.1064,N,07439.8835,W,2,9,0.3,11,M,,M,,*5B
 #
 PORT 4 04-06-2014 08:00:27
 \$HEHDT,309.8,T*2D
 \$GPGLL,3452.1064,N,07439.8835,W,075936,A*3A
 \$GPRMC,075936,A,3452.1064,N,07439.8835,W,4.8,316.9,060414,11.9,w*4B
 \$GPVTG,316.9,T,328.8,M,4.8,N,8.9,K*4F
 \$GPZDA,075936,06,04,2014,00,00*43
 \$HEHDT,310.3,T*2E
 \$GPGBS,075936,001.5,002.8,001.0,12,0.05,0020.4,012.5*46
 \$GPGGA,075937,3452.1075,N,07439.8844,W,2,9,0.2,11,M,,M,,*5D
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 PORT 4 04-06-2014 08:00:28
 \$HEHDT,309.7,T*22
 \$GPGLL,3452.1075,N,07439.8844,W,075937,A*3D
 \$GPRMC,075937,A,3452.1075,N,07439.8844,W,4.8,317.7,060414,11.9,w*43
 \$GPVTG,317.7,T,329.6,M,4.8,N,8.9,K*4F
 \$GPZDA,075937,06,04,2014,00,00*42
 \$GPGBS,075937,002.4,003.9,001.8,12,0.05,0022.5,012.5*4E
 \$HEHDT,309.7,T*22
 \$GPGGA,075938,3452.1086,N,07439.8853,W,2,9,0.3,11,M,,M,,*59
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PORT 4 04-06-2014 08:00:29

\$GPGLL,3452.1086,N,07439.8853,W,075938,A*38
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 \$GPRMC,075938,A,3452.1086,N,07439.8853,W,4.8,318.2,060414,11.9,W*4C
 \$GPVTG,318.2,T,330.1,M,4.8,N,8.9,K*4A
 \$GPZDA,075938,06,04,2014,00,00*4D
 \$GPGBS,075938,002.5,004.7,001.6,12,0.05,0022.4,012.5*46
 \$GPGGA,075939,3452.1095,N,07439.8862,W,2,9,0.3,11,M,,M,,*58
 \$HEHDT,309.4,T*21

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PORT 4 04-06-2014 08:00:30

\$GPGLL,3452.1095,N,07439.8862,W,075939,A*39
 \$GPRMC,075939,A,3452.1095,N,07439.8862,W,4.8,318.6,060414,11.9,W*49
 \$HEHDT,309.3,T*26
 \$GPVTG,318.6,T,330.5,M,4.8,N,8.9,K*4A
 \$GPZDA,075939,06,04,2014,00,00*4C
 \$GPGBS,075939,001.5,002.6,001.6,12,0.05,0021.6,012.5*42
 \$GPGGA,075940,3452.1106,N,07439.8871,W,2,10,0.2,11,M,,M,,*66
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PORT 4 04-06-2014 08:00:31

\$GPGLL,3452.1106,N,07439.8871,W,075940,A*3E
 \$GPRMC,075940,A,3452.1106,N,07439.8871,W,4.7,318.9,060414,11.9,W*4E
 \$HEHDT,309.8,T*2D
 \$GPVTG,318.9,T,330.8,M,4.7,N,8.7,K*49
 \$GPZDA,075940,06,04,2014,00,00*42
 \$GPGBS,075940,002.8,004.2,002.1,12,0.05,0022.3,012.5*42
 \$GPGGA,075941,3452.1118,N,07439.8879,W,2,10,0.2,11,M,,M,,*60
 \$HEHDT,309.6,T*23

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PORT 4 04-06-2014 08:00:32

\$GPGLL,3452.1118,N,07439.8879,W,075941,A*38
 \$GPRMC,075941,A,3452.1118,N,07439.8879,W,4.6,319.4,060414,11.9,W*45
 \$GPVTG,319.4,T,331.3,M,4.6,N,8.5,K*4C
 \$GPZDA,075941,06,04,2014,00,00*43
 \$HEHDT,309.6,T*23
 \$GPGBS,075941,003.1,004.1,002.9,12,0.05,0020.7,012.5*46
 \$GPGGA,075942,3452.1129,N,07439.8889,W,2,10,0.2,11,M,,M,,*6E

PORT 12000 04-06-2014 08:00:32

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:00:33

\$HEHDT,309.6,T*23
 \$GPGLL,3452.1129,N,07439.8889,W,075942,A*36
 \$GPRMC,075942,A,3452.1129,N,07439.8889,W,4.8,320.2,060414,11.9,W*49
 \$GPVTG,320.2,T,332.1,M,4.8,N,8.9,K*43
 \$GPZDA,075942,06,04,2014,00,00*40
 \$HEHDT,309.3,T*26
 \$GPGBS,075942,001.8,004.5,000.0,12,0.05,0020.1,012.5*47
 \$GPGGA,075943,3452.1136,N,07439.8901,W,2,10,0.3,11,M,,M,,*61

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PORT 4 04-06-2014 08:00:34

\$GPGLL,3452.1136,N,07439.8901,W,075943,A*38
 \$HEHDT,309.0,T*25
 \$GPRMC,075943,A,3452.1136,N,07439.8901,W,4.8,320.3,060414,11.9,W*46
 \$GPVTG,320.3,T,332.2,M,4.8,N,8.9,K*41
 \$GPZDA,075943,06,04,2014,00,00*41
 \$GPGBS,075943,001.0,002.7,000.0,12,0.05,0019.2,012.5*43
 \$GPGGA,075944,3452.1143,N,07439.8916,W,2,9,0.3,11,M,,M,,*5A
 \$HEHDT,309.5,T*20
 \$GPGLL,3452.1143,N,07439.8916,W,075944,A*3B
 \$GPRMC,075944,A,3452.1143,N,07439.8916,W,4.6,317.0,060414,11.9,W*4C
 \$HEHDT,309.5,T*20

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\$GPVTG,317.0,T,328.9,M,4.6,N,8.5,K*44
\$GPZDA,075944,06,04,2014,00,00*46
\$GPGBS,075944,,,,,,*4A
\$GPGGA,075945,3452.1153,N,07439.8929,W,2,9,0.2,11,M,,M,,*57

PORT 4 04-06-2014 08:00:36
\$HEHDT,309.1,T*24
\$GPGLL,3452.1153,N,07439.8929,W,075945,A*37
\$GPRMC,075945,A,3452.1153,N,07439.8929,W,4.8,316.9,060414,11.9,W*46
\$HEHDT,309.7,T*22
\$GPVTG,316.9,T,328.8,M,4.8,N,8.9,K*4F
\$GPZDA,075945,06,04,2014,00,00*47
\$GPGBS,075945,,,,,,*4B
\$GPGGA,075946,3452.1168,N,07439.8934,W,2,10,0.2,11,M,,M,,*68

PORT 4 04-06-2014 08:00:38
\$HEHDT,309.6,T*23
\$GPGLL,3452.1168,N,07439.8934,W,075946,A*30
\$GPRMC,075946,A,3452.1168,N,07439.8934,W,4.8,316.9,060414,11.9,W*41
\$HEHDT,309.6,T*23
\$GPVTG,316.9,T,328.8,M,4.8,N,8.9,K*4F
\$GPZDA,075946,06,04,2014,00,00*44
\$GPGBS,075946,008.2,008.6,011.7,12,0.05,0035.4,012.5*49
\$GPGGA,075947,3452.1179,N,07439.8944,W,2,10,0.3,11,M,,M,,*6F
\$HEHDT,309.5,T*20
\$GPGLL,3452.1179,N,07439.8944,W,075947,A*36
\$GPRMC,075947,A,3452.1179,N,07439.8944,W,4.8,318.3,060414,11.9,W*43
\$GPVTG,318.3,T,330.2,M,4.8,N,8.9,K*48
\$GPZDA,075947,06,04,2014,00,00*45
\$GPGBS,075947,001.5,002.7,001.5,12,0.05,0013.0,012.5*4E
\$HEHDT,309.8,T*2D
\$GPGGA,075948,3452.1189,N,07439.8956,W,2,10,0.2,11,M,,M,,*6D

PORT 4 04-06-2014 08:00:39
\$HEHDT,309.4,T*21
\$GPGLL,3452.1189,N,07439.8956,W,075948,A*35
\$GPRMC,075948,A,3452.1189,N,07439.8956,W,4.8,319.5,060414,11.9,W*47
\$GPVTG,319.5,T,331.4,M,4.8,N,8.9,K*48
\$GPZDA,075948,06,04,2014,00,00*4A
\$GPGBS,075948,,,,,,*46
\$HEHDT,309.5,T*20
\$GPGGA,075949,3452.1198,N,07439.8968,W,2,10,0.2,11,M,,M,,*61

PORT 5 04-06-2014 08:00:40
IN
PORT 4 04-06-2014 08:00:40
\$GPGLL,3452.1198,N,07439.8968,W,075949,A*39
\$HEHDT,308.5,T*21
\$GPRMC,075949,A,3452.1198,N,07439.8968,W,4.8,319.5,060414,11.9,W*4B
\$GPVTG,319.5,T,331.4,M,4.8,N,8.9,K*48
\$GPZDA,075949,06,04,2014,00,00*4B
\$GPGBS,075949,001.3,003.0,001.3,12,0.05,0022.6,012.5*42
\$GPGGA,075950,3452.1208,N,07439.8977,W,2,10,0.2,11,M,,M,,*6D
\$HEHDT,308.6,T*22

PORT 4 04-06-2014 08:00:41
\$GPGLL,3452.1208,N,07439.8977,W,075950,A*35
\$HEHDT,308.8,T*2C
\$GPRMC,075950,A,3452.1208,N,07439.8977,W,4.8,319.3,060414,11.9,W*41
\$GPVTG,319.3,T,331.2,M,4.8,N,8.9,K*48
\$GPZDA,075950,06,04,2014,00,00*43
\$GPGBS,075950,001.8,002.7,001.4,12,0.05,0022.3,012.5*45
\$GPGGA,075951,3452.1219,N,07439.8988,W,2,10,0.2,11,M,,M,,*6C

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\$HEHDT,308.0,T*24
PORT 12000 04-06-2014 08:00:41
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PORT 4 04-06-2014 08:00:42
\$GPGLL,3452.1219,N,07439.8988,W,075951,A*34
\$GPRMC,075951,A,3452.1219,N,07439.8988,W,4.8,319.6,060414,11.9,W*45
\$GPVTG,319.6,T,331.5,M,4.8,N,8.9,K*4A
\$HEHDT,308.2,T*26
\$GPZDA,075951,06,04,2014,00,00*42
\$GPGBS,075951,001.4,002.2,001.1,12,0.05,0017.8,012.5*45
\$GPGGA,075952,3452.1227,N,07439.9002,W,2,10,0.2,11,M,,M,,*68
\$HEHDT,308.1,T*25
\$GPGLL,3452.1227,N,07439.9002,W,075952,A*30
\$GPRMC,075952,A,3452.1227,N,07439.9002,W,4.8,319.4,060414,11.9,W*43
\$GPVTG,319.4,T,331.3,M,4.8,N,8.9,K*4E
\$GPZDA,075952,06,04,2014,00,00*41
\$GPGBS,075952,,,,,,*4D
\$HEHDT,308.8,T*2C
\$GPGGA,075953,3452.1236,N,07439.9012,W,2,10,0.2,11,M,,M,,*68

PORT 4 04-06-2014 08:00:43
\$HEHDT,309.0,T*25
\$GPGLL,3452.1236,N,07439.9012,W,075953,A*30
\$GPRMC,075953,A,3452.1236,N,07439.9012,W,4.8,318.4,060414,11.9,W*42
\$GPVTG,318.4,T,330.3,M,4.8,N,8.9,K*4E
\$GPZDA,075953,06,04,2014,00,00*40
\$GPGBS,075953,002.3,003.4,001.7,12,0.05,0018.0,012.5*45
\$HEHDT,309.2,T*27
\$GPGGA,075954,3452.1244,N,07439.9026,W,2,10,0.2,11,M,,M,,*6D

PORT 5 04-06-2014 08:00:45
04905 ms
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PORT 4 04-06-2014 08:00:45
\$HEHDT,309.2,T*27
\$GPGLL,3452.1244,N,07439.9026,W,075954,A*35
\$GPRMC,075954,A,3452.1244,N,07439.9026,W,4.7,317.5,060414,11.9,W*46
\$GPVTG,317.5,T,329.4,M,4.7,N,8.7,K*4E
\$GPZDA,075954,06,04,2014,00,00*47
\$GPGBS,075954,,,,,,*4B
\$HEHDT,309.4,T*21
\$GPGGA,075955,3452.1254,N,07439.9037,W,2,10,0.2,11,M,,M,,*6D

PORT 4 04-06-2014 08:00:46
\$GPGLL,3452.1254,N,07439.9037,W,075955,A*35
\$GPRMC,075955,A,3452.1254,N,07439.9037,W,4.7,317.0,060414,11.9,W*43
\$HEHDT,309.5,T*20
\$GPVTG,317.0,T,328.9,M,4.7,N,8.7,K*47
\$GPZDA,075955,06,04,2014,00,00*46
\$GPGBS,075955,001.4,002.2,000.9,12,0.05,0011.8,012.5*4E
\$GPGGA,075956,3452.1263,N,07439.9046,W,2,10,0.2,11,M,,M,,*6C
\$HEHDT,309.2,T*27
\$GPGLL,3452.1263,N,07439.9046,W,075956,A*34
\$GPRMC,075956,A,3452.1263,N,07439.9046,W,4.7,318.3,060414,11.9,W*4E
\$GPVTG,318.3,T,330.2,M,4.7,N,8.7,K*49
\$GPZDA,075956,06,04,2014,00,00*45
\$HEHDT,309.0,T*25
\$GPGBS,075956,,,,,,*49
\$GPGGA,075957,3452.1274,N,07439.9055,W,2,10,0.2,10,M,,M,,*68

PORT 4 04-06-2014 08:00:47
\$HEHDT,309.1,T*24

S01_C04_survey.Log

\$GPGLL,3452.1274,N,07439.9055,W,075957,A*31
\$GPRMC,075957,A,3452.1274,N,07439.9055,W,4.6,320.2,060414,11.9,w*40
\$GPVTG,320.2,T,332.1,M,4.6,N,8.5,K*41
\$GPZDA,075957,06,04,2014,00,00*44
\$GPGBS,075957,,,,,,,,*48
\$GPGGA,075958,3452.1284,N,07439.9066,W,2,10,0.2,10,M,,M,,*68
\$HEHDT,309.9,T*2C

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PORT 4 04-06-2014 08:00:49

\$HEHDT,309.6,T*23
\$GPGLL,3452.1284,N,07439.9066,W,075958,A*31
\$GPRMC,075958,A,3452.1284,N,07439.9066,W,4.7,320.3,060414,11.9,w*40
\$GPVTG,320.3,T,332.2,M,4.7,N,8.7,K*40
\$GPZDA,075958,06,04,2014,00,00*4B
\$HEHDT,309.6,T*23
\$GPGBS,075958,,,,,,,,*47
\$GPGGA,075959,3452.1295,N,07439.9078,W,2,10,0.2,10,M,,M,,*66

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PORT 4 04-06-2014 08:00:50

\$GPGLL,3452.1295,N,07439.9078,W,075959,A*3F
\$HEHDT,309.3,T*26
\$GPRMC,075959,A,3452.1295,N,07439.9078,W,4.7,320.3,060414,11.9,w*4E
\$GPVTG,320.3,T,332.2,M,4.7,N,8.7,K*40
\$GPZDA,075959,06,04,2014,00,00*4A
\$GPGBS,075959,001.8,003.4,001.2,12,0.05,0016.5,012.5*49
\$GPGGA,080000,3452.1302,N,07439.9092,W,2,10,0.2,10,M,,M,,*62
\$HEHDT,309.6,T*23

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PORT 4 04-06-2014 08:00:51

\$GPGLL,3452.1302,N,07439.9092,W,080000,A*3B
\$GPRMC,080000,A,3452.1302,N,07439.9092,W,4.8,318.7,060414,11.9,w*4A
\$HEHDT,309.8,T*2D
\$GPVTG,318.7,T,330.6,M,4.8,N,8.9,K*48
\$GPZDA,080000,06,04,2014,00,00*45
\$GPGBS,080000,,,,,,,,*49
\$GPGGA,080001,3452.1312,N,07439.9106,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,309.7,T*22

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PORT 4 04-06-2014 08:00:52

\$GPGLL,3452.1312,N,07439.9106,W,080001,A*37
\$GPRMC,080001,A,3452.1312,N,07439.9106,W,4.8,316.5,060414,11.9,w*4A
\$HEHDT,310.0,T*2D
\$GPVTG,316.5,T,328.4,M,4.8,N,8.9,K*4F
\$GPZDA,080001,06,04,2014,00,00*44
\$GPGBS,080001,,,,,,,,*48
\$GPGGA,080002,3452.1321,N,07439.9115,W,2,9,0.2,11,M,,M,,*56
\$HEHDT,310.0,T*2D

PORT 12000 04-06-2014 08:00:52

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:00:53

\$GPGLL,3452.1321,N,07439.9115,W,080002,A*36
\$GPRMC,080002,A,3452.1321,N,07439.9115,W,4.8,316.5,060414,11.9,w*4B
\$GPVTG,316.5,T,328.4,M,4.8,N,8.9,K*4F
\$HEHDT,310.0,T*2D
\$GPZDA,080002,06,04,2014,00,00*47
\$GPGBS,080002,001.3,002.1,001.1,12,0.05,0017.2,012.5*4E
\$GPGGA,080003,3452.1335,N,07439.9124,W,2,9,0.2,10,M,,M,,*51

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PORT 4 04-06-2014 08:00:54

\$HEHDT,309.4,T*21
\$GPGLL,3452.1335,N,07439.9124,W,080003,A*30
\$GPRMC,080003,A,3452.1335,N,07439.9124,W,4.8,317.0,060414,11.9,w*49

S01_C04_survey.Log

\$GPVTG,317.0,T,328.9,M,4.8,N,8.9,K*46
\$GPZDA,080003,06,04,2014,00,00*46
\$GPGBS,080003,002.2,003.3,001.5,12,0.05,0017.0,012.5*48
\$HEHDT,309.4,T*21
\$GPGGA,080004,3452.1345,N,07439.9133,W,2,10,0.2,10,M,,M,,*6F

PORT 4 04-06-2014 08:00:55
\$GPGLL,3452.1345,N,07439.9133,W,080004,A*36
\$HEHDT,309.0,T*25
\$GPRMC,080004,A,3452.1345,N,07439.9133,W,4.9,318.4,060414,11.9,w*45
\$GPVTG,318.4,T,330.3,M,4.9,N,9.1,K*46
\$GPZDA,080004,06,04,2014,00,00*41
\$GPGBS,080004,,,,,,,,*4D
\$GPGGA,080005,3452.1353,N,07439.9145,W,2,10,0.2,10,M,,M,,*68
\$HEHDT,309.6,T*23

PORT 4 04-06-2014 08:00:56
\$GPGLL,3452.1353,N,07439.9145,W,080005,A*31
\$GPRMC,080005,A,3452.1353,N,07439.9145,W,4.8,319.3,060414,11.9,w*45
\$HEHDT,309.6,T*23
\$GPVTG,319.3,T,331.2,M,4.8,N,8.9,K*48
\$GPZDA,080005,06,04,2014,00,00*40
\$GPGBS,080005,,,,,,,,*4C
\$GPGGA,080006,3452.1364,N,07439.9156,W,2,10,0.2,10,M,,M,,*6D
\$HEHDT,309.8,T*2D

PORT 4 04-06-2014 08:00:57
\$GPGLL,3452.1364,N,07439.9156,W,080006,A*34
\$GPRMC,080006,A,3452.1364,N,07439.9156,W,4.8,319.1,060414,11.9,w*42
\$HEHDT,309.9,T*2C
\$GPVTG,319.1,T,331.0,M,4.8,N,8.9,K*48
\$GPZDA,080006,06,04,2014,00,00*43
\$GPGBS,080006,,,,,,,,*4F
\$GPGGA,080007,3452.1374,N,07439.9167,W,2,10,0.2,10,M,,M,,*6F
\$HEHDT,309.8,T*2D

PORT 4 04-06-2014 08:00:58
\$GPGLL,3452.1374,N,07439.9167,W,080007,A*36
\$GPRMC,080007,A,3452.1374,N,07439.9167,W,4.8,319.1,060414,11.9,w*40
\$GPVTG,319.1,T,331.0,M,4.8,N,8.9,K*48
\$HEHDT,309.6,T*23
\$GPZDA,080007,06,04,2014,00,00*42
\$GPGBS,080007,,,,,,,,*4E
\$GPGGA,080008,3452.1382,N,07439.9176,W,2,9,0.2,10,M,,M,,*51
\$HEHDT,309.8,T*2D

PORT 4 04-06-2014 08:00:59
\$GPGLL,3452.1382,N,07439.9176,W,080008,A*30
\$GPRMC,080008,A,3452.1382,N,07439.9176,W,4.7,319.9,060414,11.9,w*41
\$GPVTG,319.9,T,331.8,M,4.7,N,8.7,K*49
\$GPZDA,080008,06,04,2014,00,00*4D
\$HEHDT,309.4,T*21
\$GPGBS,080008,,,,,,,,*41
\$GPGGA,080009,3452.1393,N,07439.9186,W,2,9,0.2,10,M,,M,,*5F

PORT 4 04-06-2014 08:01:00
\$HEHDT,309.4,T*21
\$GPGLL,3452.1393,N,07439.9186,W,080009,A*3E
\$GPRMC,080009,A,3452.1393,N,07439.9186,W,4.7,319.9,060414,11.9,w*4F
\$GPVTG,319.9,T,331.8,M,4.7,N,8.7,K*49
\$GPZDA,080009,06,04,2014,00,00*4C
\$GPGBS,080009,002.9,004.3,002.1,12,0.05,0023.7,012.5*49
\$HEHDT,309.3,T*26

S01_C04_survey.Log

\$GPGGA,080010,3452.1402,N,07439.9198,W,2,10,0.2,10,M,,M,,*6F

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PORT 4 04-06-2014 08:01:01

\$GPGLL,3452.1402,N,07439.9198,W,080010,A*36

\$HEHDT,309.5,T*20

\$GPRMC,080010,A,3452.1402,N,07439.9198,W,4.7,319.2,060414,11.9,W*4C

\$GPVTG,319.2,T,331.1,M,4.7,N,8.7,K*4B

\$GPZDA,080010,06,04,2014,00,00*44

\$GPGBS,080010,001.4,002.1,001.0,12,0.05,0017.7,012.5*4E

\$GPGGA,080011,3452.1413,N,07439.9208,W,2,10,0.2,10,M,,M,,*64

\$HEHDT,310.1,T*2C

#

PORT 4 04-06-2014 08:01:02

\$GPGLL,3452.1413,N,07439.9208,W,080011,A*3D

\$GPRMC,080011,A,3452.1413,N,07439.9208,W,4.8,317.9,060414,11.9,W*4D

\$HEHDT,310.4,T*29

\$GPVTG,317.9,T,329.8,M,4.8,N,8.9,K*4F

\$GPZDA,080011,06,04,2014,00,00*45

\$GPGBS,080011,002.1,003.1,001.5,12,0.05,0016.8,012.5*43

\$GPGGA,080012,3452.1425,N,07439.9218,W,2,10,0.2,10,M,,M,,*63

\$HEHDT,310.3,T*2E

PORT 12000 04-06-2014 08:01:02

\$PPWBA,d2pc15,192.168.2.151,online

#

PORT 4 04-06-2014 08:01:03

\$GPGLL,3452.1425,N,07439.9218,W,080012,A*3A

\$GPRMC,080012,A,3452.1425,N,07439.9218,W,4.8,317.8,060414,11.9,W*4B

\$HEHDT,309.8,T*2D

\$GPVTG,317.8,T,329.7,M,4.8,N,8.9,K*41

\$GPZDA,080012,06,04,2014,00,00*46

\$GPGBS,080012,001.7,003.1,001.1,12,0.05,0015.2,012.5*48

\$GPGGA,080013,3452.1436,N,07439.9227,W,2,10,0.2,10,M,,M,,*6C

\$HEHDT,309.9,T*2C

#

PORT 4 04-06-2014 08:01:04

\$GPGLL,3452.1436,N,07439.9227,W,080013,A*35

\$GPRMC,080013,A,3452.1436,N,07439.9227,W,4.9,319.2,060414,11.9,W*41

\$GPVTG,319.2,T,331.1,M,4.9,N,9.1,K*42

\$GPZDA,080013,06,04,2014,00,00*47

\$HEHDT,309.5,T*20

\$GPGBS,080013,001.1,002.1,000.9,12,0.05,0015.3,012.5*46

\$GPGGA,080014,3452.1447,N,07439.9237,W,2,10,0.2,10,M,,M,,*6C

\$HEHDT,309.3,T*26

#

PORT 4 04-06-2014 08:01:06

\$GPGLL,3452.1447,N,07439.9237,W,080014,A*35

\$GPRMC,080014,A,3452.1447,N,07439.9237,W,4.9,320.3,060414,11.9,W*4A

\$GPVTG,320.3,T,332.2,M,4.9,N,9.1,K*49

\$GPZDA,080014,06,04,2014,00,00*40

\$GPGBS,080014,002.5,003.4,002.6,12,0.05,0016.7,012.5*48

\$HEHDT,309.8,T*2D

\$GPGGA,080015,3452.1456,N,07439.9250,W,2,10,0.2,10,M,,M,,*6C

\$HEHDT,309.2,T*27

\$GPGLL,3452.1456,N,07439.9250,W,080015,A*35

\$GPRMC,080015,A,3452.1456,N,07439.9250,W,4.9,319.8,060414,11.9,W*4B

\$GPVTG,319.8,T,331.7,M,4.9,N,9.1,K*4E

\$GPZDA,080015,06,04,2014,00,00*41

\$GPGBS,080015,001.1,001.9,001.2,12,0.05,0016.6,012.5*47

\$GPGGA,080016,3452.1465,N,07439.9261,W,2,10,0.2,10,M,,M,,*6D

\$HEHDT,309.3,T*26

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PORT 4 04-06-2014 08:01:07

\$GPGLL,3452.1465,N,07439.9261,W,080016,A*34

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\$HEHDT,309.5,T*20
 \$GPRMC,080016,A,3452.1465,N,07439.9261,W,4.9,318.5,060414,11.9,W*46
 \$GPVTG,318.5,T,330.4,M,4.9,N,9.1,K*40
 \$GPZDA,080016,06,04,2014,00,00*42
 \$GPGBS,080016,002.3,003.1,002.1,12,0.05,0015.9,012.5*43
 \$GPGGA,080017,3452.1476,N,07439.9272,W,2,10,0.2,10,M,,M,,*6C
 \$HEHDT,309.2,T*27
 #
 PORT 4 04-06-2014 08:01:08
 \$GPGLL,3452.1476,N,07439.9272,W,080017,A*35
 \$GPRMC,080017,A,3452.1476,N,07439.9272,W,4.9,317.6,060414,11.9,W*4B
 \$HEHDT,309.2,T*27
 \$GPVTG,317.6,T,329.5,M,4.9,N,9.1,K*45
 \$GPZDA,080017,06,04,2014,00,00*43
 \$GPGBS,080017,001.5,002.0,001.4,12,0.05,0016.0,012.5*4B
 \$GPGGA,080018,3452.1487,N,07439.9280,W,2,10,0.2,10,M,,M,,*60
 \$HEHDT,308.7,T*23
 #
 PORT 4 04-06-2014 08:01:09
 \$GPGLL,3452.1487,N,07439.9280,W,080018,A*39
 \$GPRMC,080018,A,3452.1487,N,07439.9280,W,4.9,317.8,060414,11.9,W*49
 \$GPVTG,317.8,T,329.7,M,4.9,N,9.1,K*49
 \$GPZDA,080018,06,04,2014,00,00*4C
 \$HEHDT,309.1,T*24
 \$GPGBS,080018,001.8,002.7,001.3,12,0.05,0014.6,012.5*4D
 \$GPGGA,080019,3452.1500,N,07439.9290,W,2,10,0.2,10,M,,M,,*6E
 #
 PORT 4 04-06-2014 08:01:10
 \$HEHDT,309.2,T*27
 \$GPGLL,3452.1500,N,07439.9290,W,080019,A*37
 \$GPRMC,080019,A,3452.1500,N,07439.9290,W,4.9,319.3,060414,11.9,W*42
 \$GPVTG,319.3,T,331.2,M,4.9,N,9.1,K*40
 \$HEHDT,309.2,T*27
 \$GPZDA,080019,06,04,2014,00,00*4D
 \$GPGBS,080019,,,,,,*41
 \$GPGGA,080020,3452.1512,N,07439.9299,W,2,9,0.2,10,M,,M,,*56
 #
 PORT 4 04-06-2014 08:01:11
 \$GPGLL,3452.1512,N,07439.9299,W,080020,A*37
 \$HEHDT,309.3,T*26
 \$GPRMC,080020,A,3452.1512,N,07439.9299,W,4.9,321.1,060414,11.9,W*4B
 \$GPVTG,321.1,T,333.0,M,4.9,N,9.1,K*49
 \$GPZDA,080020,06,04,2014,00,00*47
 \$GPGBS,080020,002.0,003.2,002.7,12,0.05,0015.8,012.5*41
 \$GPGGA,080021,3452.1519,N,07439.9312,W,2,9,0.2,10,M,,M,,*5E
 \$HEHDT,309.4,T*21
 #
 PORT 4 04-06-2014 08:01:12
 \$GPGLL,3452.1519,N,07439.9312,W,080021,A*3F
 \$GPRMC,080021,A,3452.1519,N,07439.9312,W,4.9,321.4,060414,11.9,W*46
 \$HEHDT,309.4,T*21
 \$GPVTG,321.4,T,333.3,M,4.9,N,9.1,K*4F
 \$GPZDA,080021,06,04,2014,00,00*46
 \$GPGBS,080021,,,,,,*4A
 \$GPGGA,080022,3452.1526,N,07439.9326,W,2,9,0.2,10,M,,M,,*56
 \$HEHDT,309.7,T*22
 \$GPGLL,3452.1526,N,07439.9326,W,080022,A*37
 \$GPRMC,080022,A,3452.1526,N,07439.9326,W,4.9,319.9,060414,11.9,W*48
 \$GPVTG,319.9,T,331.8,M,4.9,N,9.1,K*40
 \$HEHDT,310.1,T*2C
 \$GPZDA,080022,06,04,2014,00,00*45
 \$GPGBS,080022,,,,,,*49
 \$GPGGA,080023,3452.1536,N,07439.9339,W,2,9,0.2,10,M,,M,,*58

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PORT 12000 04-06-2014 08:01:12
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:01:13
\$HEHDT,309.7,T*22
\$GPGLL,3452.1536,N,07439.9339,W,080023,A*39
\$GPRMC,080023,A,3452.1536,N,07439.9339,W,4.8,318.0,060414,11.9,W*4F
\$GPVTG,318.0,T,329.9,M,4.8,N,8.9,K*48
\$GPZDA,080023,06,04,2014,00,00*44
\$HEHDT,309.3,T*26
\$GPGBS,080023,,,,,,,,*48
\$GPGGA,080024,3452.1547,N,07439.9349,W,2,10,0.2,10,M,,M,,*66

PORT 4 04-06-2014 08:01:14
\$HEHDT,309.1,T*24
\$GPGLL,3452.1547,N,07439.9349,W,080024,A*3F
\$GPRMC,080024,A,3452.1547,N,07439.9349,W,4.9,317.3,060414,11.9,W*44
\$GPVTG,317.3,T,329.2,M,4.9,N,9.1,K*47
\$GPZDA,080024,06,04,2014,00,00*43
\$GPGBS,080024,,,,,,,,*4F
\$GPGGA,080025,3452.1557,N,07439.9360,W,2,10,0.2,10,M,,M,,*6D
\$HEHDT,308.6,T*22

PORT 4 04-06-2014 08:01:16
\$HEHDT,308.2,T*26
\$GPGLL,3452.1557,N,07439.9360,W,080025,A*34
\$GPRMC,080025,A,3452.1557,N,07439.9360,W,4.9,318.3,060414,11.9,W*40
\$GPVTG,318.3,T,330.2,M,4.9,N,9.1,K*40
\$GPZDA,080025,06,04,2014,00,00*42
\$HEHDT,308.4,T*20
\$GPGBS,080025,,,,,,,,*4E
\$GPGGA,080026,3452.1568,N,07439.9371,W,2,10,0.2,10,M,,M,,*62

PORT 4 04-06-2014 08:01:17
\$GPGLL,3452.1568,N,07439.9371,W,080026,A*3B
\$HEHDT,308.2,T*26
\$GPRMC,080026,A,3452.1568,N,07439.9371,W,4.9,318.5,060414,11.9,W*49
\$GPVTG,318.5,T,330.4,M,4.9,N,9.1,K*40
\$GPZDA,080026,06,04,2014,00,00*41
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PORT 4 04-06-2014 08:01:29
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\$HEHDT,311.4,T*28
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\$GPVTG,318.7,T,330.6,M,4.9,N,9.1,K*40
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$GPVTG,319.5,T,331.4,M,4.8,N,8.9,K*48
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PORT 4 04-06-2014 08:01:42

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PORT 4 04-06-2014 08:01:44

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PORT 4 04-06-2014 08:01:46
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PORT 4 04-06-2014 08:01:49
$GPGLL,3452.1906,N,07439.9698,W,080058,A*34
$HEHDT,319.5,T*21
$GPRMC,080058,A,3452.1906,N,07439.9698,W,4.9,324.6,060414,11.9,W*4A
$GPVTG,324.6,T,336.5,M,4.9,N,9.1,K*4B
$GPZDA,080058,06,04,2014,00,00*48
$GPGBS,080058,000.0,000.0,000.0,29,0.05,-024.2,012.5*55
$GPGGA,080059,3452.1917,N,07439.9705,W,2,9,0.3,10,M,,M,,*50
$HEHDT,319.2,T*26
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PORT 4 04-06-2014 08:01:50
$GPGLL,3452.1917,N,07439.9705,W,080059,A*30
$GPRMC,080059,A,3452.1917,N,07439.9705,W,4.9,323.0,060414,11.9,W*4F
$HEHDT,318.9,T*2C
$GPVTG,323.0,T,334.9,M,4.9,N,9.1,K*44
$GPZDA,080059,06,04,2014,00,00*49
$GPGBS,080059,000.0,000.0,000.0,29,0.05,-022.5,012.5*55
$GPGGA,080100,3452.1927,N,07439.9709,W,2,10,0.2,10,M,,M,,*6B

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\$HEHDT,318.6,T*23

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PORT 4 04-06-2014 08:01:51

\$GPGLL,3452.1927,N,07439.9709,W,080100,A*32

\$GPRMC,080100,A,3452.1927,N,07439.9709,W,4.9,324.0,060414,11.9,W*4A

\$GPVTG,324.0,T,335.9,M,4.9,N,9.1,K*42

\$GPZDA,080100,06,04,2014,00,00*44

\$HEHDT,318.6,T*23

\$GPGBS,080100,000.0,000.0,000.0,29,0.05,-016.7,012.5*5D

\$GPGBS,080101,3452.1935,N,07439.9713,W,2,10,0.2,10,M,,M,,*62

\$HEHDT,319.0,T*24

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PORT 4 04-06-2014 08:01:52

\$GPGLL,3452.1935,N,07439.9713,W,080101,A*3B

\$GPRMC,080101,A,3452.1935,N,07439.9713,W,4.9,326.2,060414,11.9,W*43

\$GPVTG,326.2,T,338.1,M,4.9,N,9.1,K*47

\$GPZDA,080101,06,04,2014,00,00*45

\$GPGBS,080101,,,,,,*49

\$HEHDT,319.5,T*21

\$GPGBS,080102,3452.1945,N,07439.9721,W,2,9,0.3,10,M,,M,,*5E

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\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:01:53

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\$GPGLL,3452.1945,N,07439.9721,W,080102,A*3E

\$GPRMC,080102,A,3452.1945,N,07439.9721,W,4.8,327.1,060414,11.9,W*45

\$GPVTG,327.1,T,339.0,M,4.8,N,8.9,K*4D

\$GPZDA,080102,06,04,2014,00,00*46

\$GPGBS,080102,,,,,,*4A

\$GPGBS,080103,3452.1955,N,07439.9729,W,2,9,0.3,10,M,,M,,*56

\$HEHDT,319.9,T*2D

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PORT 4 04-06-2014 08:01:54

\$GPGLL,3452.1955,N,07439.9729,W,080103,A*36

\$HEHDT,319.8,T*2C

\$GPRMC,080103,A,3452.1955,N,07439.9729,W,4.8,326.4,060414,11.9,W*49

\$GPVTG,326.4,T,338.3,M,4.8,N,8.9,K*4B

\$GPZDA,080103,06,04,2014,00,00*47

\$GPGBS,080103,,,,,,*4B

\$GPGBS,080104,3452.1964,N,07439.9736,W,2,9,0.3,10,M,,M,,*5D

\$HEHDT,319.5,T*21

\$GPGLL,3452.1964,N,07439.9736,W,080104,A*3D

\$GPRMC,080104,A,3452.1964,N,07439.9736,W,4.9,325.9,060414,11.9,W*4D

\$HEHDT,319.7,T*23

\$GPVTG,325.9,T,337.8,M,4.9,N,9.1,K*49

\$GPZDA,080104,06,04,2014,00,00*40

\$GPGBS,080104,,,,,,*4C

\$GPGBS,080105,3452.1974,N,07439.9742,W,2,9,0.4,11,M,,M,,*58

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PORT 4 04-06-2014 08:01:55

\$HEHDT,319.5,T*21

\$GPGLL,3452.1974,N,07439.9742,W,080105,A*3E

\$GPRMC,080105,A,3452.1974,N,07439.9742,W,4.8,326.2,060414,11.9,W*47

\$GPVTG,326.2,T,338.1,M,4.8,N,8.9,K*4F

\$HEHDT,319.6,T*22

\$GPZDA,080105,06,04,2014,00,00*41

\$GPGBS,080105,,,,,,*4D

\$GPGBS,080106,3452.1982,N,07439.9752,W,2,6,0.4,11,M,,M,,*5C

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\$HEHDT,320.3,T*2D

\$GPGLL,3452.1982,N,07439.9752,W,080106,A*35

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\$GPRMC,080106,A,3452.1982,N,07439.9752,W,4.8,326.5,060414,11.9,w*4B
\$GPVTG,326.5,T,338.4,M,4.8,N,8.9,K*4D
\$GPZDA,080106,06,04,2014,00,00*42
\$GPGGBS,080106,,,,,,,,*4E
\$HEHDT,320.4,T*2A
\$GPGGA,080107,3452.1992,N,07439.9758,W,2,6,0.9,11,M,,M,,*5B

PORT 4 04-06-2014 08:01:57
\$HEHDT,320.6,T*28
\$GPGLL,3452.1992,N,07439.9758,W,080107,A*3F
\$GPRMC,080107,A,3452.1992,N,07439.9758,W,4.8,326.9,060414,11.9,w*4D
\$GPVTG,326.9,T,338.8,M,4.8,N,8.9,K*4D
\$GPZDA,080107,06,04,2014,00,00*43
\$GPGGBS,080107,,,,,,,,*4F
\$GPGGA,080108,3452.2006,N,07439.9768,W,2,4,0.9,11,M,,M,,*52
\$HEHDT,321.0,T*2F

PORT 4 04-06-2014 08:01:58
\$GPGLL,3452.2006,N,07439.9768,W,080108,A*34
\$HEHDT,320.8,T*26
\$GPRMC,080108,A,3452.2006,N,07439.9768,W,4.8,327.6,060414,11.9,w*48
\$GPVTG,327.6,T,339.5,M,4.8,N,8.9,K*4F
\$GPZDA,080108,06,04,2014,00,00*4C
\$GPGGBS,080108,,,,,,,,*40
\$GPGGA,080109,3452.2018,N,07439.9778,W,2,4,0.3,12,M,,M,,*54
\$HEHDT,321.4,T*2B

PORT 4 04-06-2014 08:01:59
\$GPGLL,3452.2018,N,07439.9778,W,080109,A*3B
\$GPRMC,080109,A,3452.2018,N,07439.9778,W,4.8,328.3,060414,11.9,w*4D
\$HEHDT,321.7,T*28
\$GPVTG,328.3,T,340.2,M,4.8,N,8.9,K*4C
\$GPZDA,080109,06,04,2014,00,00*4D
\$GPGGBS,080109,,,,,,,,*41
\$GPGGA,080110,3452.2031,N,07439.9789,W,2,6,0.3,12,M,,M,,*5B
\$HEHDT,321.8,T*27

PORT 4 04-06-2014 08:02:00
\$GPGLL,3452.2031,N,07439.9789,W,080110,A*36
\$GPRMC,080110,A,3452.2031,N,07439.9789,W,4.8,328.5,060414,11.9,w*46
\$GPVTG,328.5,T,340.4,M,4.8,N,8.9,K*4C
\$HEHDT,321.6,T*29
\$GPZDA,080110,06,04,2014,00,00*45
\$GPGGBS,080110,,,,,,,,*49
\$GPGGA,080111,3452.2043,N,07439.9797,W,2,6,0.3,12,M,,M,,*50

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\$HEHDT,321.4,T*2B
\$GPGLL,3452.2043,N,07439.9797,W,080111,A*3D
\$GPRMC,080111,A,3452.2043,N,07439.9797,W,4.9,328.4,060414,11.9,w*4D
\$GPVTG,328.4,T,340.3,M,4.9,N,9.1,K*42
\$GPZDA,080111,06,04,2014,00,00*44
\$HEHDT,321.5,T*2A
\$GPGGBS,080111,,,,,,,,*48
\$GPGGA,080112,3452.2054,N,07439.9803,W,2,9,0.2,12,M,,M,,*59
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PORT 4 04-06-2014 08:02:02
\$HEHDT,321.4,T*2B
\$GPGLL,3452.2054,N,07439.9803,W,080112,A*3A
\$GPRMC,080112,A,3452.2054,N,07439.9803,W,4.9,329.1,060414,11.9,w*4E
\$GPVTG,329.1,T,341.0,M,4.9,N,9.1,K*44

S01_C04_survey.Log

\$GPZDA,080112,06,04,2014,00,00*47
\$GPGBS,080112,,,,,*4B
\$GPGGA,080113,3452.2068,N,07439.9810,W,2,9,0.2,12,M,,M,,*55
\$HEHDT,321.4,T*2B

PORT 4 04-06-2014 08:02:04
\$HEHDT,322.5,T*29
\$GPGLL,3452.2068,N,07439.9810,W,080113,A*36
\$GPRMC,080113,A,3452.2068,N,07439.9810,W,4.8,330.7,060414,11.9,W*4D
\$GPVTG,330.7,T,342.6,M,4.8,N,8.9,K*47
\$GPZDA,080113,06,04,2014,00,00*46
\$GPGBS,080113,,,,,*4A
\$HEHDT,321.8,T*27
\$GPGGA,080114,3452.2081,N,07439.9821,W,2,9,0.2,12,M,,M,,*57

PORT 4 04-06-2014 08:02:05
\$GPGLL,3452.2081,N,07439.9821,W,080114,A*34
\$GPRMC,080114,A,3452.2081,N,07439.9821,W,4.9,331.8,060414,11.9,W*40
\$HEHDT,322.3,T*2F
\$GPVTG,331.8,T,343.7,M,4.9,N,9.1,K*41
\$GPZDA,080114,06,04,2014,00,00*41
\$GPGBS,080114,000.0,000.0,000.0,29,0.05,-011.6,012.5*5E
\$GPGGA,080115,3452.2090,N,07439.9829,W,2,9,0.2,12,M,,M,,*5E
\$HEHDT,322.3,T*2F

PORT 4 04-06-2014 08:02:06
\$GPGLL,3452.2090,N,07439.9829,W,080115,A*3D
\$GPRMC,080115,A,3452.2090,N,07439.9829,W,4.9,331.0,060414,11.9,W*41
\$HEHDT,323.3,T*2E
\$GPVTG,331.0,T,342.9,M,4.9,N,9.1,K*46
\$GPZDA,080115,06,04,2014,00,00*40
\$GPGBS,080115,,,,,*4C
\$GPGGA,080116,3452.2101,N,07439.9839,W,2,10,0.2,13,M,,M,,*6C
\$HEHDT,323.5,T*28

PORT 4 04-06-2014 08:02:07
\$GPGLL,3452.2101,N,07439.9839,W,080116,A*36
\$GPRMC,080116,A,3452.2101,N,07439.9839,W,4.8,329.6,060414,11.9,W*44
\$GPVTG,329.6,T,341.5,M,4.8,N,8.9,K*4E
\$GPZDA,080116,06,04,2014,00,00*43
\$HEHDT,323.8,T*25
\$GPGBS,080116,,,,,*4F
\$GPGGA,080117,3452.2112,N,07439.9847,W,2,10,0.2,13,M,,M,,*66

PORT 4 04-06-2014 08:02:08
\$HEHDT,324.5,T*2F
\$GPGLL,3452.2112,N,07439.9847,W,080117,A*3C
\$GPRMC,080117,A,3452.2112,N,07439.9847,W,4.7,328.2,060414,11.9,W*44
\$HEHDT,324.1,T*2B
\$GPVTG,328.2,T,340.1,M,4.7,N,8.7,K*4F
\$GPZDA,080117,06,04,2014,00,00*42
\$GPGBS,080117,,,,,*4E
\$GPGGA,080118,3452.2126,N,07439.9855,W,2,9,0.2,13,M,,M,,*55

PORT 4 04-06-2014 08:02:09
\$HEHDT,324.5,T*2F
\$GPGLL,3452.2126,N,07439.9855,W,080118,A*37
\$GPRMC,080118,A,3452.2126,N,07439.9855,W,4.8,328.0,060414,11.9,W*42
\$GPVTG,328.0,T,339.9,M,4.8,N,8.9,K*4A
\$GPZDA,080118,06,04,2014,00,00*4D
\$GPGBS,080118,001.1,002.5,001.3,12,0.05,0008.0,012.5*4C
\$HEHDT,324.5,T*2F
\$GPGGA,080119,3452.2141,N,07439.9861,W,2,9,0.3,13,M,,M,,*53

S01_C04_survey.Log

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PORT 4 04-06-2014 08:02:10
$HEHDT,324.9,T*23
$GPGLL,3452.2141,N,07439.9861,W,080119,A*30
$GPRMC,080119,A,3452.2141,N,07439.9861,W,4.8,329.9,060414,11.9,W*4D
$GPVTG,329.9,T,341.8,M,4.8,N,8.9,K*4C
$GPZDA,080119,06,04,2014,00,00*4C
$GPGBS,080119,,,,,,,,*40
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$GPGGA,080120,3452.2152,N,07439.9866,W,2,8,0.2,13,M,,M,,*5C
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PORT 4 04-06-2014 08:02:11
$GPGLL,3452.2152,N,07439.9866,W,080120,A*3F
$GPRMC,080120,A,3452.2152,N,07439.9866,W,4.8,333.2,060414,11.9,W*42
$HEHDT,325.9,T*22
$GPVTG,333.2,T,345.1,M,4.8,N,8.9,K*41
$GPZDA,080120,06,04,2014,00,00*46
$GPGBS,080120,000.0,000.0,000.0,29,0.05,-012.4,012.5*58
$GPGGA,080121,3452.2166,N,07439.9873,W,2,8,0.2,13,M,,M,,*5E
$HEHDT,326.1,T*29
#
PORT 4 04-06-2014 08:02:12
$GPGLL,3452.2166,N,07439.9873,W,080121,A*3D
$GPRMC,080121,A,3452.2166,N,07439.9873,W,4.8,333.2,060414,11.9,W*40
$GPVTG,333.2,T,345.1,M,4.8,N,8.9,K*41
$GPZDA,080121,06,04,2014,00,00*47
$HEHDT,327.2,T*2B
$GPGBS,080121,,,,,,,,*4B
$GPGGA,080122,3452.2180,N,07439.9882,W,2,9,0.3,13,M,,M,,*5B
$HEHDT,326.6,T*2E
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PORT 4 04-06-2014 08:02:13
$GPGLL,3452.2180,N,07439.9882,W,080122,A*38
$GPRMC,080122,A,3452.2180,N,07439.9882,W,4.9,333.7,060414,11.9,W*41
$GPVTG,333.7,T,345.6,M,4.9,N,9.1,K*4B
$GPZDA,080122,06,04,2014,00,00*44
$GPGBS,080122,,,,,,,,*48
$HEHDT,327.2,T*2B
$GPGGA,080123,3452.2191,N,07439.9890,W,2,9,0.3,13,M,,M,,*59
$HEHDT,327.9,T*20
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PORT 4 04-06-2014 08:02:14
$GPGLL,3452.2191,N,07439.9890,W,080123,A*3A
$GPRMC,080123,A,3452.2191,N,07439.9890,W,4.9,334.0,060414,11.9,W*43
$GPVTG,334.0,T,345.9,M,4.9,N,9.1,K*44
$GPZDA,080123,06,04,2014,00,00*45
$HEHDT,329.1,T*26
$GPGBS,080123,,,,,,,,*49
$GPGGA,080124,3452.2202,N,07439.9897,W,2,10,0.2,13,M,,M,,*69
$HEHDT,329.5,T*22
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PORT 4 04-06-2014 08:02:15
$GPGLL,3452.2202,N,07439.9897,W,080124,A*33
$GPRMC,080124,A,3452.2202,N,07439.9897,W,4.9,333.7,060414,11.9,W*4A
$GPVTG,333.7,T,345.6,M,4.9,N,9.1,K*4B
$GPZDA,080124,06,04,2014,00,00*42
$HEHDT,330.0,T*2F
$GPGBS,080124,000.0,000.0,000.0,29,0.05,-015.1,012.5*5E
$GPGGA,080125,3452.2213,N,07439.9904,W,2,10,0.3,13,M,,M,,*62
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PORT 4 04-06-2014 08:02:17
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\$GPGLL,3452.2213,N,07439.9904,w,080125,A*39
\$HEHDT,331.3,T*2D
\$GPRMC,080125,A,3452.2213,N,07439.9904,w,4.8,332.6,060414,11.9,w*41
\$GPVTG,332.6,T,344.5,M,4.8,N,8.9,K*41
\$GPZDA,080125,06,04,2014,00,00*43
\$GPGBS,080125,000.0,000.0,000.0,29,0.05,-018.8,012.5*5B
\$GPGGA,080126,3452.2224,N,07439.9909,w,2,9,0.3,13,M,,M,,*50
\$HEHDT,331.6,T*28
\$GPGLL,3452.2224,N,07439.9909,w,080126,A*33
\$GPRMC,080126,A,3452.2224,N,07439.9909,w,4.8,331.9,060414,11.9,w*47
\$HEHDT,332.6,T*2B
\$GPVTG,331.9,T,343.8,M,4.8,N,8.9,K*47
\$GPZDA,080126,06,04,2014,00,00*40
\$GPGBS,080126,000.0,000.0,000.0,29,0.05,-014.1,012.5*5D
\$GPGGA,080127,3452.2234,N,07439.9912,w,2,9,0.2,13,M,,M,,*5B
\$HEHDT,332.5,T*28

PORT 4 04-06-2014 08:02:18
\$GPGLL,3452.2234,N,07439.9912,w,080127,A*39
\$GPRMC,080127,A,3452.2234,N,07439.9912,w,4.8,332.3,060414,11.9,w*44
\$HEHDT,333.7,T*2B
\$GPVTG,332.3,T,344.2,M,4.8,N,8.9,K*43
\$GPZDA,080127,06,04,2014,00,00*41
\$GPGBS,080127,,,,,,*4D
\$GPGGA,080128,3452.2244,N,07439.9913,w,2,9,0.3,13,M,,M,,*53
\$HEHDT,333.8,T*24
\$GPGLL,3452.2244,N,07439.9913,w,080128,A*30
\$GPRMC,080128,A,3452.2244,N,07439.9913,w,4.8,333.4,060414,11.9,w*4B
\$GPVTG,333.4,T,345.3,M,4.8,N,8.9,K*45
\$GPZDA,080128,06,04,2014,00,00*4E
\$GPGBS,080128,005.5,005.4,010.9,25,0.05,0015.4,012.5*4F
\$HEHDT,335.1,T*2B
\$GPGGA,080129,3452.2259,N,07439.9917,w,2,9,0.3,13,M,,M,,*5A

PORT 5 04-06-2014 08:02:20
IN
PORT 4 04-06-2014 08:02:20
\$HEHDT,335.4,T*2E
\$GPGLL,3452.2259,N,07439.9917,w,080129,A*39
\$GPRMC,080129,A,3452.2259,N,07439.9917,w,4.8,334.8,060414,11.9,w*49
\$GPVTG,334.8,T,346.7,M,4.8,N,8.9,K*49
\$GPZDA,080129,06,04,2014,00,00*4F
\$GPGBS,080129,,,,,,*43
\$HEHDT,336.5,T*2C
\$GPGGA,080130,3452.2273,N,07439.9919,w,2,8,0.3,13,M,,M,,*55

PORT 4 04-06-2014 08:02:21
\$HEHDT,336.8,T*21
\$GPGLL,3452.2273,N,07439.9919,w,080130,A*37
\$GPRMC,080130,A,3452.2273,N,07439.9919,w,4.7,338.8,060414,11.9,w*44
\$GPVTG,338.8,T,350.7,M,4.7,N,8.7,K*43
\$GPZDA,080130,06,04,2014,00,00*47
\$GPGBS,080130,000.0,000.0,000.0,29,0.05,-025.3,012.5*5A
\$HEHDT,338.0,T*27
\$GPGGA,080131,3452.2285,N,07439.9924,w,2,8,0.3,13,M,,M,,*53

PORT 4 04-06-2014 08:02:22
\$GPGLL,3452.2285,N,07439.9924,w,080131,A*31
\$HEHDT,337.8,T*20
\$GPRMC,080131,A,3452.2285,N,07439.9924,w,4.8,339.6,060414,11.9,w*42
\$GPVTG,339.6,T,351.5,M,4.8,N,8.9,K*4E
\$GPZDA,080131,06,04,2014,00,00*46
\$GPGBS,080131,000.0,000.0,000.0,29,0.05,-018.8,012.5*5E

S01_C04_survey.Log

\$GPGGA,080132,3452.2299,N,07439.9931,W,2,9,0.3,13,M,,M,,*58
\$HEHDT,339.1,T*27
PORT 12000 04-06-2014 08:02:22
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:02:23
\$GPGLL,3452.2299,N,07439.9931,W,080132,A*3B
\$GPRMC,080132,A,3452.2299,N,07439.9931,W,4.8,339.6,060414,11.9,W*48
\$HEHDT,339.5,T*23
\$GPVTG,339.6,T,351.5,M,4.8,N,8.9,K*4E
\$GPZDA,080132,06,04,2014,00,00*45
\$GPGBS,080132,000.0,000.0,000.0,29,0.05,-021.3,012.5*5C
\$GPGGA,080133,3452.2311,N,07439.9937,W,2,9,0.2,13,M,,M,,*5F
\$HEHDT,340.9,T*21

PORT 5 04-06-2014 08:02:24
04918 ms
*
PORT 4 04-06-2014 08:02:24
\$GPGLL,3452.2311,N,07439.9937,W,080133,A*3D
\$GPRMC,080133,A,3452.2311,N,07439.9937,W,4.8,339.7,060414,11.9,W*4F
\$GPVTG,339.7,T,351.6,M,4.8,N,8.9,K*4C
\$HEHDT,342.0,T*2A
\$GPZDA,080133,06,04,2014,00,00*44
\$GPGBS,080133,000.0,000.0,000.0,29,0.05,-020.7,012.5*58
\$GPGGA,080134,3452.2324,N,07439.9944,W,2,9,0.3,13,M,,M,,*5B
\$HEHDT,342.7,T*2D

PORT 4 04-06-2014 08:02:26
\$GPGLL,3452.2324,N,07439.9944,W,080134,A*38
\$GPRMC,080134,A,3452.2324,N,07439.9944,W,4.7,340.1,060414,11.9,W*4D
\$GPVTG,340.1,T,352.0,M,4.7,N,8.7,K*40
\$GPZDA,080134,06,04,2014,00,00*43
\$HEHDT,344.0,T*2C
\$GPGBS,080134,,,,,,*4F
\$GPGGA,080135,3452.2336,N,07439.9948,W,2,9,0.3,13,M,,M,,*55
\$HEHDT,343.7,T*2C
\$GPGLL,3452.2336,N,07439.9948,W,080135,A*36
\$GPRMC,080135,A,3452.2336,N,07439.9948,W,4.7,340.1,060414,11.9,W*43
\$GPVTG,340.1,T,352.0,M,4.7,N,8.7,K*40
\$GPZDA,080135,06,04,2014,00,00*42
\$GPGBS,080135,000.0,000.0,000.0,29,0.05,-020.2,012.5*5B
\$HEHDT,344.5,T*29
\$GPGGA,080136,3452.2350,N,07439.9951,W,2,10,0.2,13,M,,M,,*67

PORT 4 04-06-2014 08:02:27
\$GPGLL,3452.2350,N,07439.9951,W,080136,A*3D
\$GPRMC,080136,A,3452.2350,N,07439.9951,W,4.8,341.3,060414,11.9,W*44
\$HEHDT,344.9,T*25
\$GPVTG,341.3,T,353.2,M,4.8,N,8.9,K*41
\$GPZDA,080136,06,04,2014,00,00*41
\$GPGBS,080136,000.0,000.0,000.0,29,0.05,-013.3,012.5*59
\$GPGGA,080137,3452.2361,N,07439.9955,W,2,10,0.2,13,M,,M,,*60
\$HEHDT,345.4,T*29

PORT 4 04-06-2014 08:02:28
\$GPGLL,3452.2361,N,07439.9955,W,080137,A*3A
\$GPRMC,080137,A,3452.2361,N,07439.9955,W,4.8,342.7,060414,11.9,W*44
\$GPVTG,342.7,T,354.6,M,4.8,N,8.9,K*45
\$HEHDT,346.8,T*26
\$GPZDA,080137,06,04,2014,00,00*40
\$GPGBS,080137,,,,,,*4C
\$GPGGA,080138,3452.2374,N,07439.9959,W,2,9,0.3,13,M,,M,,*5E

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\$HEHDT,347.5,T*2A

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PORT 4 04-06-2014 08:02:29

\$GPGLL,3452.2374,N,07439.9959,W,080138,A*3D

\$GPRMC,080138,A,3452.2374,N,07439.9959,W,4.6,343.5,060414,11.9,W*4E

\$GPVTG,343.5,T,355.4,M,4.6,N,8.5,K*47

\$GPZDA,080138,06,04,2014,00,00*4F

\$HEHDT,348.7,T*27

\$GPGBS,080138,,,,,,,,*43

\$GPGGA,080139,3452.2388,N,07439.9962,W,2,9,0.3,13,M,,M,,*54

#

PORT 4 04-06-2014 08:02:30

\$HEHDT,348.8,T*28

\$GPGLL,3452.2388,N,07439.9962,W,080139,A*37

\$GPRMC,080139,A,3452.2388,N,07439.9962,W,4.5,343.7,060414,11.9,W*45

\$GPVTG,343.7,T,355.6,M,4.5,N,8.3,K*42

\$GPZDA,080139,06,04,2014,00,00*4E

\$GPGBS,080139,,,,,,,,*42

\$GPGGA,080140,3452.2401,N,07439.9960,W,2,10,0.2,13,M,,M,,*67

\$HEHDT,349.8,T*29

#

PORT 4 04-06-2014 08:02:31

\$GPGLL,3452.2401,N,07439.9960,W,080140,A*3D

\$HEHDT,350.6,T*2F

\$GPRMC,080140,A,3452.2401,N,07439.9960,W,4.6,345.1,060414,11.9,W*4C

\$GPVTG,345.1,T,357.0,M,4.6,N,8.5,K*43

\$GPZDA,080140,06,04,2014,00,00*40

\$GPGBS,080140,,,,,,,,*4C

\$GPGGA,080141,3452.2411,N,07439.9957,W,2,10,0.4,13,M,,M,,*65

\$HEHDT,351.7,T*2F

#

PORT 4 04-06-2014 08:02:32

\$GPGLL,3452.2411,N,07439.9957,W,080141,A*39

\$GPRMC,080141,A,3452.2411,N,07439.9957,W,4.6,348.2,060414,11.9,W*46

\$HEHDT,352.5,T*2E

\$GPVTG,348.2,T,0.1,M,4.6,N,8.5,K*4D

\$GPZDA,080141,06,04,2014,00,00*41

\$GPGBS,080141,,,,,,,,*4D

\$GPGGA,080142,3452.2424,N,07439.9958,W,2,9,0.3,13,M,,M,,*50

\$HEHDT,353.3,T*29

PORT 12000 04-06-2014 08:02:32

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:02:33

\$GPGLL,3452.2424,N,07439.9958,W,080142,A*33

\$GPRMC,080142,A,3452.2424,N,07439.9958,W,4.6,350.6,060414,11.9,W*41

\$GPVTG,350.6,T,2.5,M,4.6,N,8.5,K*46

\$HEHDT,354.5,T*28

\$GPZDA,080142,06,04,2014,00,00*42

\$GPGBS,080142,,,,,,,,*4E

\$GPGGA,080143,3452.2435,N,07439.9960,W,2,9,0.4,13,M,,M,,*5D

\$HEHDT,355.0,T*2C

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PORT 4 04-06-2014 08:02:34

\$GPGLL,3452.2435,N,07439.9960,W,080143,A*39

\$GPRMC,080143,A,3452.2435,N,07439.9960,W,4.6,351.5,060414,11.9,W*49

\$GPVTG,351.5,T,3.4,M,4.6,N,8.5,K*44

\$GPZDA,080143,06,04,2014,00,00*43

\$HEHDT,356.5,T*2A

\$GPGBS,080143,,,,,,,,*4F

\$GPGGA,080144,3452.2448,N,07439.9962,W,2,9,0.3,14,M,,M,,*52

\$HEHDT,356.2,T*2D

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S01_C04_survey.Log

PORT 4 04-06-2014 08:02:35

\$GPGLL,3452.2448,N,07439.9962,W,080144,A*36
\$GPRMC,080144,A,3452.2448,N,07439.9962,W,4.6,351.5,060414,11.9,W*46
\$GPVTG,351.5,T,3.4,M,4.6,N,8.5,K*44
\$GPZDA,080144,06,04,2014,00,00*44
\$GPGBS,080144,,,,,,,,*48
\$GPGGA,080145,3452.2459,N,07439.9962,W,2,9,0.3,14,M,,M,,*53
\$HEHDT,357.3,T*2D

#

PORT 4 04-06-2014 08:02:36

\$HEHDT,358.2,T*23
\$GPGLL,3452.2459,N,07439.9962,W,080145,A*37
\$GPRMC,080145,A,3452.2459,N,07439.9962,W,4.6,351.8,060414,11.9,W*4A
\$GPVTG,351.8,T,3.7,M,4.6,N,8.5,K*4A
\$GPZDA,080145,06,04,2014,00,00*45
\$GPGBS,080145,,,,,,,,*49
\$GPGGA,080146,3452.2473,N,07439.9964,W,2,8,0.4,14,M,,M,,*58
\$HEHDT,359.2,T*22
\$GPGLL,3452.2473,N,07439.9964,W,080146,A*3A
\$GPRMC,080146,A,3452.2473,N,07439.9964,W,4.5,352.7,060414,11.9,W*48
\$HEHDT,359.5,T*25
\$GPVTG,352.7,T,4.6,M,4.5,N,8.3,K*45
\$GPZDA,080146,06,04,2014,00,00*46
\$GPGBS,080146,,,,,,,,*4A
\$GPGGA,080147,3452.2483,N,07439.9962,W,2,8,0.3,14,M,,M,,*57
\$HEHDT,0.5,T*2A

#

PORT 4 04-06-2014 08:02:38

\$GPGLL,3452.2483,N,07439.9962,W,080147,A*32
\$GPRMC,080147,A,3452.2483,N,07439.9962,W,4.5,353.5,060414,11.9,W*43
\$HEHDT,0.9,T*26
\$GPVTG,353.5,T,5.4,M,4.5,N,8.3,K*45
\$GPZDA,080147,06,04,2014,00,00*47
\$GPGBS,080147,,,,,,,,*4B
\$GPGGA,080148,3452.2495,N,07439.9959,W,2,10,0.2,14,M,,M,,*6F
\$HEHDT,2.0,T*2D

#

PORT 4 04-06-2014 08:02:39

\$GPGLL,3452.2495,N,07439.9959,W,080148,A*32
\$GPRMC,080148,A,3452.2495,N,07439.9959,W,4.4,354.9,060414,11.9,W*49
\$HEHDT,2.7,T*2A
\$GPVTG,354.9,T,6.8,M,4.4,N,8.1,K*42
\$GPZDA,080148,06,04,2014,00,00*48
\$GPGBS,080148,,,,,,,,*44
\$GPGGA,080149,3452.2506,N,07439.9954,W,2,10,0.2,14,M,,M,,*68
\$HEHDT,4.3,T*28

#

PORT 4 04-06-2014 08:02:40

\$GPGLL,3452.2506,N,07439.9954,W,080149,A*35
\$GPRMC,080149,A,3452.2506,N,07439.9954,W,4.5,359.8,060414,11.9,W*43
\$GPVTG,359.8,T,11.7,M,4.5,N,8.3,K*74
\$GPZDA,080149,06,04,2014,00,00*49
\$HEHDT,5.1,T*2B
\$GPGBS,080149,000.0,000.0,000.0,29,0.05,0017.3,012.5*48
\$GPGGA,080150,3452.2518,N,07439.9950,W,2,10,0.2,14,M,,M,,*6B

#

PORT 4 04-06-2014 08:02:41

\$HEHDT,6.5,T*2C
\$GPGLL,3452.2518,N,07439.9950,W,080150,A*36
\$GPRMC,080150,A,3452.2518,N,07439.9950,W,4.5,359.8,060414,11.9,W*40
\$GPVTG,359.8,T,11.7,M,4.5,N,8.3,K*74
\$GPZDA,080150,06,04,2014,00,00*41
\$GPGBS,080150,000.0,000.0,000.0,29,0.05,0018.7,012.5*4B

S01_C04_survey.Log

\$GPGGA,080151,3452.2531,N,07439.9948,W,2,10,0.2,14,M,,M,,*68
\$HEHDT,7.2,T*2A

#

PORT 4 04-06-2014 08:02:42

\$GPGLL,3452.2531,N,07439.9948,W,080151,A*35

\$HEHDT,7.7,T*2F

\$GPRMC,080151,A,3452.2531,N,07439.9948,W,4.5,1.8,060414,11.9,W*4D

\$GPVTG,1.8,T,13.7,M,4.5,N,8.3,K*78

\$GPZDA,080151,06,04,2014,00,00*40

\$GPGBS,080151,,,,,,,,*4C

\$GPGGA,080152,3452.2544,N,07439.9947,W,2,9,0.3,14,M,,M,,*5F

\$HEHDT,8.5,T*22

PORT 12000 04-06-2014 08:02:42

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:02:43

\$GPGLL,3452.2544,N,07439.9947,W,080152,A*3B

\$GPRMC,080152,A,3452.2544,N,07439.9947,W,4.5,2.7,060414,11.9,W*4F

\$HEHDT,8.6,T*21

\$GPVTG,2.7,T,14.6,M,4.5,N,8.3,K*72

\$GPZDA,080152,06,04,2014,00,00*43

\$GPGBS,080152,,,,,,,,*4F

\$GPGGA,080153,3452.2556,N,07439.9946,W,2,9,0.3,15,M,,M,,*5D

\$HEHDT,9.3,T*25

#

PORT 4 04-06-2014 08:02:44

\$GPGLL,3452.2556,N,07439.9946,W,080153,A*38

\$GPRMC,080153,A,3452.2556,N,07439.9946,W,4.5,3.2,060414,11.9,W*48

\$GPVTG,3.2,T,15.1,M,4.5,N,8.3,K*70

\$HEHDT,10.3,T*1D

\$GPZDA,080153,06,04,2014,00,00*42

\$GPGBS,080153,,,,,,,,*4E

\$GPGGA,080154,3452.2570,N,07439.9945,W,2,9,0.3,15,M,,M,,*5D

\$HEHDT,11.7,T*18

\$GPGLL,3452.2570,N,07439.9945,W,080154,A*38

\$GPRMC,080154,A,3452.2570,N,07439.9945,W,4.5,3.3,060414,11.9,W*49

\$GPVTG,3.3,T,15.2,M,4.5,N,8.3,K*72

\$GPZDA,080154,06,04,2014,00,00*45

\$GPGBS,080154,,,,,,,,*49

\$HEHDT,12.1,T*1D

\$GPGGA,080155,3452.2581,N,07439.9943,W,2,9,0.3,15,M,,M,,*54

#

PORT 4 04-06-2014 08:02:45

\$HEHDT,13.4,T*19

\$GPGLL,3452.2581,N,07439.9943,W,080155,A*31

\$GPRMC,080155,A,3452.2581,N,07439.9943,W,4.5,3.5,060414,11.9,W*46

\$GPVTG,3.5,T,15.4,M,4.5,N,8.3,K*72

\$GPZDA,080155,06,04,2014,00,00*44

\$GPGBS,080155,,,,,,,,*48

\$GPGGA,080156,3452.2595,N,07439.9939,W,2,9,0.3,15,M,,M,,*5F

\$HEHDT,13.6,T*1B

#

PORT 4 04-06-2014 08:02:47

\$HEHDT,14.5,T*1F

\$GPGLL,3452.2595,N,07439.9939,W,080156,A*3A

\$GPRMC,080156,A,3452.2595,N,07439.9939,W,4.4,4.5,060414,11.9,W*4B

\$GPVTG,4.5,T,16.4,M,4.4,N,8.1,K*75

\$GPZDA,080156,06,04,2014,00,00*47

\$GPGBS,080156,,,,,,,,*4B

\$GPGGA,080157,3452.2606,N,07439.9934,W,2,9,0.2,15,M,,M,,*5B

\$HEHDT,15.1,T*1A

#

PORT 4 04-06-2014 08:02:48

S01_C04_survey.Log

\$GPGLL,3452.2606,N,07439.9934,W,080157,A*3F
\$GPRMC,080157,A,3452.2606,N,07439.9934,W,4.4,6.7,060414,11.9,W*4E
\$HEHDT,16.5,T*1D
\$GPVTG,6.7,T,18.6,M,4.4,N,8.1,K*79
\$GPZDA,080157,06,04,2014,00,00*46
\$GPGBS,080157,,,,,,*4A
\$GPGGA,080158,3452.2617,N,07439.9929,W,2,9,0.3,15,M,,M,,*59
\$HEHDT,17.7,T*1E

PORT 4 04-06-2014 08:02:49
\$GPGLL,3452.2617,N,07439.9929,W,080158,A*3C
\$GPRMC,080158,A,3452.2617,N,07439.9929,W,4.4,8.9,060414,11.9,W*4D
\$GPVTG,8.9,T,20.8,M,4.4,N,8.1,K*7C
\$HEHDT,18.6,T*10
\$GPZDA,080158,06,04,2014,00,00*49
\$GPGBS,080158,,,,,,*45
\$GPGGA,080159,3452.2628,N,07439.9924,W,2,9,0.3,15,M,,M,,*59
\$HEHDT,19.9,T*1E

PORT 4 04-06-2014 08:02:50
\$GPGLL,3452.2628,N,07439.9924,W,080159,A*3C
\$GPRMC,080159,A,3452.2628,N,07439.9924,W,4.4,10.6,060414,11.9,W*7B
\$HEHDT,20.1,T*1C
\$GPVTG,10.6,T,22.5,M,4.4,N,8.1,K*45
\$GPZDA,080159,06,04,2014,00,00*48
\$GPGBS,080159,,,,,,*44
\$GPGGA,080200,3452.2641,N,07439.9918,W,2,10,0.2,15,M,,M,,*6F
\$HEHDT,20.8,T*15

PORT 4 04-06-2014 08:02:51
\$GPGLL,3452.2641,N,07439.9918,W,080200,A*33
\$GPRMC,080200,A,3452.2641,N,07439.9918,W,4.4,13.8,060414,11.9,W*79
\$GPVTG,13.8,T,25.7,M,4.4,N,8.1,K*4D
\$GPZDA,080200,06,04,2014,00,00*47
\$HEHDT,21.1,T*1D
\$GPGBS,080200,,,,,,*4B
\$GPGGA,080201,3452.2653,N,07439.9913,W,2,10,0.2,15,M,,M,,*66
\$GPGLL,3452.2653,N,07439.9913,W,080201,A*3A
\$HEHDT,21.9,T*15
\$GPRMC,080201,A,3452.2653,N,07439.9913,W,4.4,13.8,060414,11.9,W*70
\$GPVTG,13.8,T,25.7,M,4.4,N,8.1,K*4D
\$GPZDA,080201,06,04,2014,00,00*46
\$GPGBS,080201,,,,,,*4A
\$GPGGA,080202,3452.2665,N,07439.9908,W,2,10,0.2,15,M,,M,,*6A
\$HEHDT,22.7,T*18
PORT 12000 04-06-2014 08:02:51
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:02:53
\$HEHDT,23.5,T*1B
\$GPGLL,3452.2665,N,07439.9908,W,080202,A*36
\$GPRMC,080202,A,3452.2665,N,07439.9908,W,4.4,15.0,060414,11.9,W*72
\$GPVTG,15.0,T,26.9,M,4.4,N,8.1,K*4E
\$GPZDA,080202,06,04,2014,00,00*45
\$GPGBS,080202,,,,,,*49
\$GPGGA,080203,3452.2677,N,07439.9904,W,2,10,0.2,15,M,,M,,*64
\$HEHDT,24.6,T*1F

PORT 4 04-06-2014 08:02:54
\$GPGLL,3452.2677,N,07439.9904,W,080203,A*38
\$GPRMC,080203,A,3452.2677,N,07439.9904,W,4.4,15.7,060414,11.9,W*7B
\$HEHDT,25.0,T*18
\$GPVTG,15.7,T,27.6,M,4.4,N,8.1,K*47

S01_C04_survey.Log

\$GPZDA,080203,06,04,2014,00,00*44
 \$GPGBS,080203,,,,,,,,*48
 \$GPGGA,080204,3452.2688,N,07439.9901,W,2,10,0.2,15,M,,M,,*66
 \$HEHDT,25.8,T*10
 #
 PORT 4 04-06-2014 08:02:55
 \$GPGLL,3452.2688,N,07439.9901,W,080204,A*3A
 \$GPRMC,080204,A,3452.2688,N,07439.9901,W,4.4,15.9,060414,11.9,W*77
 \$GPVTG,15.9,T,27.8,M,4.4,N,8.1,K*47
 \$GPZDA,080204,06,04,2014,00,00*43
 \$HEHDT,26.9,T*12
 \$GPGBS,080204,,,,,,,,*4F
 \$GPGGA,080205,3452.2700,N,07439.9895,W,2,10,0.2,15,M,,M,,*6A
 #
 PORT 4 04-06-2014 08:02:56
 \$HEHDT,27.7,T*1D
 \$GPGLL,3452.2700,N,07439.9895,W,080205,A*36
 \$GPRMC,080205,A,3452.2700,N,07439.9895,W,4.4,16.2,060414,11.9,W*73
 \$GPVTG,16.2,T,28.1,M,4.4,N,8.1,K*49
 \$GPZDA,080205,06,04,2014,00,00*42
 \$GPGBS,080205,,,,,,,,*4E
 \$GPGGA,080206,3452.2711,N,07439.9887,W,2,10,0.2,16,M,,M,,*69
 \$HEHDT,28.5,T*10
 #
 PORT 4 04-06-2014 08:02:57
 \$HEHDT,29.1,T*15
 \$GPGLL,3452.2711,N,07439.9887,W,080206,A*36
 \$GPRMC,080206,A,3452.2711,N,07439.9887,W,4.3,17.3,060414,11.9,W*74
 \$GPVTG,17.3,T,29.2,M,4.3,N,8.0,K*4D
 \$GPZDA,080206,06,04,2014,00,00*41
 \$GPGBS,080206,,,,,,,,*4D
 \$HEHDT,30.1,T*1D
 \$GPGGA,080207,3452.2722,N,07439.9880,W,2,10,0.2,16,M,,M,,*6F
 #
 PORT 4 04-06-2014 08:02:58
 \$HEHDT,30.6,T*1A
 \$GPGLL,3452.2722,N,07439.9880,W,080207,A*30
 \$GPRMC,080207,A,3452.2722,N,07439.9880,W,4.4,19.3,060414,11.9,W*7B
 \$GPVTG,19.3,T,31.2,M,4.4,N,8.1,K*4C
 \$GPZDA,080207,06,04,2014,00,00*40
 \$GPGBS,080207,,,,,,,,*4C
 \$GPGGA,080208,3452.2733,N,07439.9873,W,2,10,0.2,16,M,,M,,*6C
 \$HEHDT,31.7,T*1A
 #
 PORT 4 04-06-2014 08:02:59
 \$GPGLL,3452.2733,N,07439.9873,W,080208,A*33
 \$HEHDT,32.4,T*1A
 \$GPRMC,080208,A,3452.2733,N,07439.9873,W,4.4,22.8,060414,11.9,W*7B
 \$GPVTG,22.8,T,34.7,M,4.4,N,8.1,K*4F
 \$GPZDA,080208,06,04,2014,00,00*4F
 \$GPGBS,080208,,,,,,,,*43
 \$GPGGA,080209,3452.2743,N,07439.9866,W,2,10,0.2,16,M,,M,,*6E
 \$HEHDT,33.4,T*1B
 #
 PORT 4 04-06-2014 08:03:00
 \$GPGLL,3452.2743,N,07439.9866,W,080209,A*31
 \$GPRMC,080209,A,3452.2743,N,07439.9866,W,4.3,23.9,060414,11.9,W*7E
 \$HEHDT,34.2,T*1A
 \$GPVTG,23.9,T,35.8,M,4.3,N,8.0,K*47
 \$GPZDA,080209,06,04,2014,00,00*4E
 \$GPGBS,080209,,,,,,,,*42
 \$GPGGA,080210,3452.2755,N,07439.9859,W,2,10,0.3,16,M,,M,,*6C
 \$HEHDT,34.7,T*1F

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PORT 4 04-06-2014 08:03:01
\$GPGLL,3452.2755,N,07439.9859,W,080210,A*32
\$GPRMC,080210,A,3452.2755,N,07439.9859,W,4.3,25.0,060414,11.9,W*72
\$GPVTG,25.0,T,36.9,M,4.3,N,8.0,K*4A
\$GPZDA,080210,06,04,2014,00,00*46
\$HEHDT,35.5,T*1C
\$GPGBS,080210,,,,,,,,*4A
\$GPGGA,080211,3452.2766,N,07439.9851,W,2,10,0.3,16,M,,M,,*65
\$HEHDT,36.0,T*1A

PORT 4 04-06-2014 08:03:02
\$GPGLL,3452.2766,N,07439.9851,W,080211,A*3B
\$GPRMC,080211,A,3452.2766,N,07439.9851,W,4.3,25.0,060414,11.9,W*7B
\$GPVTG,25.0,T,36.9,M,4.3,N,8.0,K*4A
\$GPZDA,080211,06,04,2014,00,00*47
\$GPGBS,080211,,,,,,,,*4B
\$HEHDT,36.7,T*1D
\$GPGGA,080212,3452.2779,N,07439.9844,W,2,10,0.2,16,M,,M,,*6D
\$HEHDT,37.2,T*19
\$GPGLL,3452.2779,N,07439.9844,W,080212,A*32
\$GPRMC,080212,A,3452.2779,N,07439.9844,W,4.4,26.9,060414,11.9,W*7F
\$GPVTG,26.9,T,38.8,M,4.4,N,8.1,K*49
\$GPZDA,080212,06,04,2014,00,00*44
\$GPGBS,080212,,,,,,,,*48
\$GPGGA,080213,3452.2790,N,07439.9838,W,2,10,0.2,16,M,,M,,*60
\$HEHDT,37.7,T*1C

PORT 12000 04-06-2014 08:03:02
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:03:03
\$GPGLL,3452.2790,N,07439.9838,W,080213,A*3F
\$HEHDT,38.5,T*11
\$GPRMC,080213,A,3452.2790,N,07439.9838,W,4.4,26.9,060414,11.9,W*72
\$GPVTG,26.9,T,38.8,M,4.4,N,8.1,K*49
\$GPZDA,080213,06,04,2014,00,00*45
\$GPGBS,080213,,,,,,,,*49
\$GPGGA,080214,3452.2800,N,07439.9830,W,2,10,0.2,16,M,,M,,*69
\$HEHDT,39.2,T*17

PORT 4 04-06-2014 08:03:05
\$GPGLL,3452.2800,N,07439.9830,W,080214,A*36
\$GPRMC,080214,A,3452.2800,N,07439.9830,W,4.3,27.5,060414,11.9,W*71
\$HEHDT,40.2,T*19
\$GPVTG,27.5,T,39.4,M,4.3,N,8.0,K*4F
\$GPZDA,080214,06,04,2014,00,00*42
\$GPGBS,080214,,,,,,,,*4E
\$GPGGA,080215,3452.2811,N,07439.9821,W,2,10,0.2,16,M,,M,,*68
\$HEHDT,40.8,T*13

PORT 4 04-06-2014 08:03:06
\$GPGLL,3452.2811,N,07439.9821,W,080215,A*37
\$GPRMC,080215,A,3452.2811,N,07439.9821,W,4.3,28.6,060414,11.9,W*7C
\$GPVTG,28.6,T,40.5,M,4.3,N,8.0,K*4C
\$HEHDT,41.6,T*1C
\$GPZDA,080215,06,04,2014,00,00*43
\$GPGBS,080215,,,,,,,,*4F
\$GPGGA,080216,3452.2820,N,07439.9813,W,2,10,0.2,16,M,,M,,*68
\$HEHDT,41.9,T*13

PORT 4 04-06-2014 08:03:07
\$GPGLL,3452.2820,N,07439.9813,W,080216,A*37
\$GPRMC,080216,A,3452.2820,N,07439.9813,W,4.3,30.9,060414,11.9,W*7A

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\$GPVTG,30.9,T,42.8,M,4.3,N,8.0,K*45
\$GPZDA,080216,06,04,2014,00,00*40
\$HEHDT,42.9,T*10
\$GPGBS,080216,,,,,,,,*4C
\$GPGGA,080217,3452.2831,N,07439.9805,W,2,10,0.3,16,M,,M,,*6F

PORT 4 04-06-2014 08:03:08
\$HEHDT,43.5,T*1D
\$GPGLL,3452.2831,N,07439.9805,W,080217,A*31
\$GPRMC,080217,A,3452.2831,N,07439.9805,W,4.3,32.0,060414,11.9,w*77
\$GPVTG,32.0,T,43.9,M,4.3,N,8.0,K*4E
\$GPZDA,080217,06,04,2014,00,00*41
\$GPGBS,080217,,,,,,,,*4D
\$GPGGA,080218,3452.2841,N,07439.9796,W,2,9,0.3,16,M,,M,,*5A
\$HEHDT,44.0,T*1F

PORT 4 04-06-2014 08:03:09
\$HEHDT,44.3,T*1C
\$GPGLL,3452.2841,N,07439.9796,W,080218,A*3C
\$GPRMC,080218,A,3452.2841,N,07439.9796,W,4.3,32.0,060414,11.9,w*7A
\$GPVTG,32.0,T,43.9,M,4.3,N,8.0,K*4E
\$GPZDA,080218,06,04,2014,00,00*4E
\$GPGBS,080218,,,,,,,,*42
\$GPGGA,080219,3452.2852,N,07439.9786,W,2,9,0.2,16,M,,M,,*59
\$HEHDT,44.5,T*1A

PORT 4 04-06-2014 08:03:10
\$GPGLL,3452.2852,N,07439.9786,W,080219,A*3E
\$HEHDT,45.3,T*1D
\$GPRMC,080219,A,3452.2852,N,07439.9786,W,4.3,33.0,060414,11.9,w*79
\$GPVTG,33.0,T,44.9,M,4.3,N,8.0,K*48
\$GPZDA,080219,06,04,2014,00,00*4F
\$GPGBS,080219,,,,,,,,*43
\$GPGGA,080220,3452.2863,N,07439.9777,W,2,10,0.2,16,M,,M,,*67
\$HEHDT,45.7,T*19

PORT 4 04-06-2014 08:03:11
\$GPGLL,3452.2863,N,07439.9777,W,080220,A*38
\$GPRMC,080220,A,3452.2863,N,07439.9777,W,4.4,34.9,060414,11.9,w*76
\$HEHDT,46.5,T*18
\$GPVTG,34.9,T,46.8,M,4.4,N,8.1,K*43
\$GPZDA,080220,06,04,2014,00,00*45
\$GPGBS,080220,,,,,,,,*49
\$GPGGA,080221,3452.2873,N,07439.9767,W,2,10,0.2,16,M,,M,,*66
\$HEHDT,46.9,T*14

PORT 4 04-06-2014 08:03:12
\$GPGLL,3452.2873,N,07439.9767,W,080221,A*39
\$GPRMC,080221,A,3452.2873,N,07439.9767,W,4.4,34.9,060414,11.9,w*77
\$GPVTG,34.9,T,46.8,M,4.4,N,8.1,K*43
\$GPZDA,080221,06,04,2014,00,00*44
\$HEHDT,47.3,T*1F
\$GPGBS,080221,,,,,,,,*48
\$GPGGA,080222,3452.2881,N,07439.9757,W,2,10,0.2,16,M,,M,,*6B
\$HEHDT,47.9,T*15
PORT 12000 04-06-2014 08:03:12
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:03:13
\$GPGLL,3452.2881,N,07439.9757,W,080222,A*34
\$GPRMC,080222,A,3452.2881,N,07439.9757,W,4.4,36.0,060414,11.9,w*71
\$GPVTG,36.0,T,47.9,M,4.4,N,8.1,K*48
\$GPZDA,080222,06,04,2014,00,00*47

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\$GPGBS,080222,,,,,,,,*4B
\$HEHDT,47.8,T*14
\$GPGGA,080223,3452.2889,N,07439.9748,W,2,10,0.3,16,M,,M,,*6D

PORT 4 04-06-2014 08:03:14
\$HEHDT,48.3,T*10
\$GPGLL,3452.2889,N,07439.9748,W,080223,A*33
\$GPRMC,080223,A,3452.2889,N,07439.9748,W,4.3,37.1,060414,11.9,W*71
\$GPVTG,37.1,T,49.0,M,4.3,N,8.0,K*49
\$GPZDA,080223,06,04,2014,00,00*46
\$GPGBS,080223,,,,,,,,*4A
\$GPGGA,080224,3452.2899,N,07439.9736,W,2,10,0.2,16,M,,M,,*63
\$HEHDT,48.3,T*10

PORT 5 04-06-2014 08:03:16
IN
PORT 4 04-06-2014 08:03:16
\$HEHDT,48.3,T*10
\$GPGLL,3452.2889,N,07439.9748,W,080223,A*33
\$GPRMC,080223,A,3452.2889,N,07439.9748,W,4.3,37.1,060414,11.9,W*71
\$GPVTG,37.1,T,49.0,M,4.3,N,8.0,K*49
\$GPZDA,080223,06,04,2014,00,00*46
\$GPGBS,080223,,,,,,,,*4A
\$GPGGA,080224,3452.2899,N,07439.9736,W,2,10,0.2,16,M,,M,,*63
\$HEHDT,48.3,T*10
\$GPGLL,3452.2899,N,07439.9736,W,080224,A*3C
\$HEHDT,49.0,T*12
\$GPRMC,080224,A,3452.2899,N,07439.9736,W,4.3,39.8,060414,11.9,W*79
\$GPVTG,39.8,T,51.7,M,4.3,N,8.0,K*40
\$GPZDA,080224,06,04,2014,00,00*41
\$GPGBS,080224,,,,,,,,*4D
\$GPGGA,080225,3452.2906,N,07439.9726,W,2,10,0.2,16,M,,M,,*64
\$HEHDT,49.5,T*17
\$GPGLL,3452.2906,N,07439.9726,W,080225,A*3B
\$GPRMC,080225,A,3452.2906,N,07439.9726,W,4.3,39.8,060414,11.9,W*7E
\$HEHDT,49.8,T*1A
\$GPVTG,39.8,T,51.7,M,4.3,N,8.0,K*40
\$GPZDA,080225,06,04,2014,00,00*40
\$GPGBS,080225,,,,,,,,*4C
\$GPGGA,080226,3452.2914,N,07439.9716,W,2,9,0.3,16,M,,M,,*5E
\$HEHDT,5

PORT 4 04-06-2014 08:03:17
\$HEHDT,48.3,T*10
\$GPGLL,3452.2889,N,07439.9748,W,080223,A*33
\$GPRMC,080223,A,3452.2889,N,07439.9748,W,4.3,37.1,060414,11.9,W*71
\$GPVTG,37.1,T,49.0,M,4.3,N,8.0,K*49
\$GPZDA,080223,06,04,2014,00,00*46
\$GPGBS,080223,,,,,,,,*4A
\$GPGGA,080224,3452.2899,N,07439.9736,W,2,10,0.2,16,M,,M,,*63
\$HEHDT,48.3,T*10
\$GPGLL,3452.2899,N,07439.9736,W,080224,A*3C
\$HEHDT,49.0,T*12
\$GPRMC,080224,A,3452.2899,N,07439.9736,W,4.3,39.8,060414,11.9,W*79
\$GPVTG,39.8,T,51.7,M,4.3,N,8.0,K*40
\$GPZDA,080224,06,04,2014,00,00*41
\$GPGBS,080224,,,,,,,,*4D
\$GPGGA,080225,3452.2906,N,07439.9726,W,2,10,0.2,16,M,,M,,*64
\$HEHDT,49.5,T*17
\$GPGLL,3452.2906,N,07439.9726,W,080225,A*3B
\$GPRMC,080225,A,3452.2906,N,07439.9726,W,4.3,39.8,060414,11.9,W*7E
\$HEHDT,49.8,T*1A
\$GPVTG,39.8,T,51.7,M,4.3,N,8.0,K*40

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\$GPZDA,080225,06,04,2014,00,00*40
\$GPGBS,080225,,,,,,,,*4C
\$GPGGA,080226,3452.2914,N,07439.9716,W,2,9,0.3,16,M,,M,,*5E
\$HEHDT,50.3,T*19
\$GPGLL,3452.2914,N,07439.9716,W,080226,A*38
\$GPRMC,080226,A,3452.2914,N,07439.9716,W,4.4,40.9,060414,11.9,W*75
\$GPVTG,40.9,T,52.8,M,4.4,N,8.1,K*45
\$HEHDT,50.0,T*1A
\$GPZDA,080226,06,04,2014,00,00*43
\$GPGBS,080226,,,,,,,,*4F
\$GPGGA,080227,3452.2924,N,07439.9706,W,2,9,0.2,16,M,,M,,*5C

PORT 4 04-06-2014 08:03:18
\$HEHDT,50.4,T*1E
\$GPGLL,3452.2924,N,07439.9706,W,080227,A*3B
\$GPRMC,080227,A,3452.2924,N,07439.9706,W,4.3,41.8,060414,11.9,W*71
\$GPVTG,41.8,T,53.7,M,4.3,N,8.0,K*4D
\$GPZDA,080227,06,04,2014,00,00*42
\$GPGBS,080227,,,,,,,,*4E
\$HEHDT,50.0,T*1A
\$GPGGA,080228,3452.2934,N,07439.9694,W,2,10,0.2,16,M,,M,,*60

PORT 4 04-06-2014 08:03:19
\$GPGLL,3452.2934,N,07439.9694,W,080228,A*3F
\$HEHDT,50.2,T*18
\$GPRMC,080228,A,3452.2934,N,07439.9694,W,4.3,42.3,060414,11.9,W*7D
\$GPVTG,42.3,T,54.2,M,4.3,N,8.0,K*47
\$GPZDA,080228,06,04,2014,00,00*4D
\$GPGBS,080228,,,,,,,,*41
\$GPGGA,080229,3452.2943,N,07439.9684,W,2,10,0.2,16,M,,M,,*60
\$HEHDT,50.2,T*18

PORT 5 04-06-2014 08:03:20
04860 mS
*
PORT 4 04-06-2014 08:03:20
\$GPGLL,3452.2943,N,07439.9684,W,080229,A*3F
\$HEHDT,50.8,T*12
\$GPRMC,080229,A,3452.2943,N,07439.9684,W,4.4,42.8,060414,11.9,W*71
\$GPVTG,42.8,T,54.7,M,4.4,N,8.1,K*4F
\$GPZDA,080229,06,04,2014,00,00*4C
\$GPGBS,080229,,,,,,,,*40
\$GPGGA,080230,3452.2952,N,07439.9674,W,2,10,0.2,16,M,,M,,*67
\$HEHDT,51.1,T*1A

PORT 4 04-06-2014 08:03:21
\$GPGLL,3452.2952,N,07439.9674,W,080230,A*38
\$GPRMC,080230,A,3452.2952,N,07439.9674,W,4.4,42.7,060414,11.9,W*79
\$HEHDT,51.1,T*1A
\$GPVTG,42.7,T,54.6,M,4.4,N,8.1,K*41
\$GPZDA,080230,06,04,2014,00,00*44
\$GPGBS,080230,,,,,,,,*48
\$GPGGA,080231,3452.2960,N,07439.9664,W,2,10,0.2,16,M,,M,,*66
\$HEHDT,51.3,T*18

PORT 4 04-06-2014 08:03:22
\$GPGLL,3452.2960,N,07439.9664,W,080231,A*39
\$GPRMC,080231,A,3452.2960,N,07439.9664,W,4.4,42.7,060414,11.9,W*78
\$GPVTG,42.7,T,54.6,M,4.4,N,8.1,K*41
\$GPZDA,080231,06,04,2014,00,00*45
\$HEHDT,50.9,T*13
\$GPGBS,080231,,,,,,,,*49
\$GPGGA,080232,3452.2968,N,07439.9651,W,2,10,0.2,16,M,,M,,*6B

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\$HEHDT,50.8,T*12
PORT 12000 04-06-2014 08:03:22
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:03:23
\$GPGLL,3452.2968,N,07439.9651,W,080232,A*34
\$GPRMC,080232,A,3452.2968,N,07439.9651,W,4.4,43.3,060414,11.9,W*70
\$GPVTG,43.3,T,55.2,M,4.4,N,8.1,K*41
\$GPZDA,080232,06,04,2014,00,00*46
\$GPGBS,080232,,,,,,,,*4A
\$HEHDT,50.5,T*1F
\$GPGBA,080233,3452.2975,N,07439.9638,W,2,10,0.2,16,M,,M,,*69
\$HEHDT,49.7,T*15
\$GPGLL,3452.2975,N,07439.9638,W,080233,A*36
\$GPRMC,080233,A,3452.2975,N,07439.9638,W,4.4,45.1,060414,11.9,W*76
\$GPVTG,45.1,T,57.0,M,4.4,N,8.1,K*45
\$GPZDA,080233,06,04,2014,00,00*47
\$GPGBS,080233,,,,,,,,*4B
\$GPGBA,080234,3452.2982,N,07439.9627,W,2,10,0.2,16,M,,M,,*68
\$HEHDT,49.7,T*15

PORT 4 04-06-2014 08:03:25
\$HEHDT,49.3,T*11
\$GPGLL,3452.2982,N,07439.9627,W,080234,A*37
\$GPRMC,080234,A,3452.2982,N,07439.9627,W,4.4,46.9,060414,11.9,W*7C
\$GPVTG,46.9,T,58.8,M,4.4,N,8.1,K*49
\$GPZDA,080234,06,04,2014,00,00*40
\$GPGBS,080234,,,,,,,,*4C
\$HEHDT,49.5,T*17
\$GPGBA,080235,3452.2990,N,07439.9617,W,2,10,0.3,16,M,,M,,*68

PORT 4 04-06-2014 08:03:26
\$GPGLL,3452.2990,N,07439.9617,W,080235,A*36
\$GPRMC,080235,A,3452.2990,N,07439.9617,W,4.4,47.8,060414,11.9,W*7D
\$HEHDT,49.5,T*17
\$GPVTG,47.8,T,59.7,M,4.4,N,8.1,K*47
\$GPZDA,080235,06,04,2014,00,00*41
\$GPGBS,080235,001.8,002.1,008.4,10,0.05,0019.9,012.5*48
\$GPGBA,080236,3452.3000,N,07439.9606,W,2,10,0.2,15,M,,M,,*68
\$HEHDT,49.6,T*14

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\$GPGBS,080236,,,,,,,,*4E
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\$HEHDT,48.7,T*14

PORT 4 04-06-2014 08:03:28
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\$GPRMC,080237,A,3452.3008,N,07439.9595,W,4.4,47.5,060414,11.9,W*72
\$GPVTG,47.5,T,59.4,M,4.4,N,8.1,K*49
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\$GPGBS,080237,,,,,,,,*4F
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PORT 4 04-06-2014 08:03:29
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\$GPRMC,080238,A,3452.3018,N,07439.9586,W,4.4,47.5,060414,11.9,w*7E
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\$GPGGA,080239,3452.3026,N,07439.9576,W,2,10,0.3,15,M,,M,,*66
\$HEHDT,48.0,T*13

PORT 4 04-06-2014 08:03:30
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\$GPRMC,080239,A,3452.3026,N,07439.9576,W,4.4,46.0,060414,11.9,w*79
\$GPVTG,46.0,T,57.9,M,4.4,N,8.1,K*4E
\$GPZDA,080239,06,04,2014,00,00*4D
\$GPGBS,080239,,,,,,,,*41
\$HEHDT,47.5,T*19
\$GPGGA,080240,3452.3033,N,07439.9567,W,2,9,0.3,15,M,,M,,*54

PORT 4 04-06-2014 08:03:31
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\$GPGLL,3452.3033,N,07439.9567,W,080240,A*31
\$GPRMC,080240,A,3452.3033,N,07439.9567,W,4.4,46.0,060414,11.9,w*73
\$GPVTG,46.0,T,57.9,M,4.4,N,8.1,K*4E
\$GPZDA,080240,06,04,2014,00,00*43
\$GPGBS,080240,003.3,004.0,014.5,10,0.05,0040.1,012.5*4C
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PORT 4 04-06-2014 08:03:32
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\$GPVTG,46.0,T,57.9,M,4.4,N,8.1,K*4E
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\$GPGBS,080241,002.2,002.8,009.9,10,0.05,0027.1,012.5*42
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\$HEHDT,46.2,T*1F
\$GPVTG,46.9,T,58.8,M,4.5,N,8.3,K*4A
\$GPZDA,080242,06,04,2014,00,00*41
\$GPGBS,080242,001.1,001.3,004.8,10,0.05,0020.2,012.5*41
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\$GPGBS,080243,001.6,002.1,008.2,10,0.05,0018.1,012.5*48
\$GPGGA,080244,3452.3064,N,07439.9521,W,2,10,0.2,14,M,,M,,*68

PORT 4 04-06-2014 08:03:35
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\$GPVTG,49.1,T,61.0,M,4.5,N,8.3,K*4F
\$GPZDA,080244,06,04,2014,00,00*47
\$GPGBS,080244,002.3,002.1,008.8,10,0.05,0017.1,012.5*4C

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$GPVTG,49.3,T,61.2,M,4.5,N,8.3,K*4F
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$GPGBS,080245,000.7,001.8,008.1,10,0.05,0010.0,012.5*4E
$GPGGA,080246,3452.3083,N,07439.9499,W,2,9,0.3,14,M,,M,,*58
$HEHDT,44.6,T*19
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PORT 4 04-06-2014 08:03:37
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$HEHDT,44.9,T*16
$GPRMC,080246,A,3452.3083,N,07439.9499,W,4.5,48.6,060414,11.9,W*77
$GPVTG,48.6,T,60.5,M,4.5,N,8.3,K*4D
$GPZDA,080246,06,04,2014,00,00*45
$GPGBS,080246,000.8,001.5,008.5,10,0.05,0013.2,012.5*4A
$GPGGA,080247,3452.3093,N,07439.9491,W,2,9,0.3,13,M,,M,,*57
$HEHDT,45.0,T*1E
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PORT 4 04-06-2014 08:03:38
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$GPRMC,080247,A,3452.3093,N,07439.9491,W,4.6,47.6,060414,11.9,W*73
$HEHDT,44.9,T*16
$GPVTG,47.6,T,59.5,M,4.6,N,8.5,K*4D
$GPZDA,080247,06,04,2014,00,00*44
$GPGBS,080247,001.7,002.5,006.3,10,0.05,0012.3,012.5*4E
$GPGGA,080248,3452.3101,N,07439.9484,W,2,10,0.2,13,M,,M,,*6F
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PORT 4 04-06-2014 08:03:39
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$GPRMC,080248,A,3452.3101,N,07439.9484,W,4.5,46.3,060414,11.9,W*75
$GPVTG,46.3,T,58.2,M,4.5,N,8.3,K*4A
$HEHDT,44.9,T*16
$GPZDA,080248,06,04,2014,00,00*4B
$GPGBS,080248,003.3,005.5,000.5,04,0.05,-010.9,012.5*50
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$HEHDT,44.5,T*1A
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PORT 4 04-06-2014 08:03:40
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$GPVTG,45.0,T,56.9,M,4.5,N,8.3,K*4F
$GPZDA,080249,06,04,2014,00,00*4A
$HEHDT,44.1,T*1E
$GPGBS,080249,003.9,006.4,000.5,04,0.05,-010.6,012.5*56
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PORT 4 04-06-2014 08:03:41
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$GPRMC,080250,A,3452.3116,N,07439.9463,W,4.5,44.4,060414,11.9,W*76
$GPVTG,44.4,T,56.3,M,4.5,N,8.3,K*40
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$GPGBS,080250,002.1,001.8,005.6,10,0.05,0009.8,012.5*44
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PORT 4 04-06-2014 08:03:42

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\$HEHDT,44.1,T*1E
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PORT 4 04-06-2014 08:03:43
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PORT 4 04-06-2014 08:03:44
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\$GPVTG,47.3,T,59.2,M,4.6,N,8.5,K*4F
\$HEHDT,44.5,T*1A
\$GPZDA,080253,06,04,2014,00,00*41
\$GPGBS,080253,002.0,002.8,006.0,10,0.05,0008.1,012.5*48
\$GPGGA,080254,3452.3149,N,07439.9414,W,2,9,0.2,11,M,,M,,*5D
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PORT 4 04-06-2014 08:03:45
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\$GPRMC,080254,A,3452.3149,N,07439.9414,W,4.6,47.7,060414,11.9,W*7B
\$GPVTG,47.7,T,59.6,M,4.6,N,8.5,K*4F
\$GPZDA,080254,06,04,2014,00,00*46
\$HEHDT,43.6,T*1E
\$GPGBS,080254,002.4,003.8,008.1,10,0.05,0015.1,012.5*49
\$GPGGA,080255,3452.3159,N,07439.9405,W,2,9,0.2,11,M,,M,,*5D
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PORT 4 04-06-2014 08:03:46
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\$GPVTG,47.4,T,59.3,M,4.6,N,8.5,K*49
\$GPZDA,080255,06,04,2014,00,00*47
\$GPGBS,080255,002.6,003.5,007.8,10,0.05,0013.7,012.5*41
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PORT 4 04-06-2014 08:03:47
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PORT 4 04-06-2014 08:03:49
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\$GPRMC,080257,A,3452.3181,N,07439.9385,W,4.6,45.2,060414,11.9,w*74
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\$GPZDA,080257,06,04,2014,00,00*45
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\$GPGLL,3452.3191,N,07439.9375,W,080258,A*34
\$GPRMC,080258,A,3452.3191,N,07439.9375,W,4.6,44.1,060414,11.9,w*77
\$HEHDT,43.4,T*1C
\$GPVTG,44.1,T,56.0,M,4.6,N,8.5,K*43
\$GPZDA,080258,06,04,2014,00,00*4A
\$GPGBS,080258,001.4,001.6,004.8,10,0.05,0009.9,012.5*4A
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PORT 4 04-06-2014 08:03:50

\$GPGLL,3452.3199,N,07439.9363,W,080259,A*3A
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\$GPVTG,43.5,T,55.4,M,4.7,N,8.7,K*44
\$GPZDA,080259,06,04,2014,00,00*4B
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\$GPGBS,080259,001.4,001.6,004.8,10,0.05,0009.9,012.5*4B
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PORT 4 04-06-2014 08:03:51

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\$GPVTG,43.8,T,55.7,M,4.7,N,8.7,K*4A
\$GPZDA,080300,06,04,2014,00,00*46
\$GPGBS,080300,001.1,001.5,004.4,10,0.05,0008.9,012.5*4D
\$HEHDT,42.9,T*10
\$GPGGA,080301,3452.3220,N,07439.9340,W,2,10,0.2,9,M,,M,,*57

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PORT 4 04-06-2014 08:03:52

\$HEHDT,43.4,T*1C
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\$GPRMC,080301,A,3452.3220,N,07439.9340,W,4.7,44.1,060414,11.9,w*74
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\$GPGBS,080302,001.2,001.5,004.3,10,0.05,0009.3,012.5*40
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PORT 4 04-06-2014 08:03:54

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\$GPVTG,44.6,T,56.5,M,4.8,N,8.9,K*43
\$GPZDA,080303,06,04,2014,00,00*45
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\$GPRMC,080304,A,3452.3248,N,07439.9304,W,4.8,44.8,060414,11.9,W*79
\$GPVTG,44.8,T,56.7,M,4.8,N,8.9,K*4F
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\$HEHDT,43.0,T*18
\$GPGBS,080304,001.3,001.7,004.4,10,0.05,0007.3,012.5*4C
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PORT 4 04-06-2014 08:03:55
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\$GPGBS,080305,,,,,,*4F
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PORT 4 04-06-2014 08:03:56
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PORT 4 04-06-2014 08:03:58
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\$GPZDA,080307,06,04,2014,00,00*41
\$GPGBS,080307,001.1,000.3,005.5,02,0.05,0007.3,012.5*4B
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PORT 4 04-06-2014 08:03:59
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\$HEHDT,42.6,T*1F
\$GPRMC,080308,A,3452.3289,N,07439.9260,W,4.8,43.3,060414,11.9,W*77
\$GPVTG,43.3,T,55.2,M,4.8,N,8.9,K*45
\$GPZDA,080308,06,04,2014,00,00*4E
\$GPGBS,080308,011.5,003.0,013.9,26,0.05,0020.3,012.5*49
\$GPGGA,080309,3452.3300,N,07439.9248,W,2,10,0.3,8,M,,M,,*55
\$HEHDT,42.3,T*1A

PORT 4 04-06-2014 08:04:00
\$GPGLL,3452.3300,N,07439.9248,W,080309,A*34
\$GPRMC,080309,A,3452.3300,N,07439.9248,W,4.8,42.9,060414,11.9,W*77
\$GPVTG,42.9,T,54.8,M,4.8,N,8.9,K*45
\$HEHDT,42.5,T*1C
\$GPZDA,080309,06,04,2014,00,00*4F
\$GPGBS,080309,001.0,000.3,005.1,02,0.05,0006.8,012.5*4A
\$GPGGA,080310,3452.3311,N,07439.9236,W,2,10,0.2,8,M,,M,,*55
\$HEHDT,42.2,T*1B

PORT 4 04-06-2014 08:04:01
\$GPGLL,3452.3311,N,07439.9236,W,080310,A*35
\$GPRMC,080310,A,3452.3311,N,07439.9236,W,4.8,42.9,060414,11.9,W*76

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\$GPVTG,42.9,T,54.8,M,4.8,N,8.9,K*45
\$GPZDA,080310,06,04,2014,00,00*47
\$HEHDT,42.8,T*11
\$GPGBS,080310,000.8,001.5,004.4,10,0.05,0006.6,012.5*45
\$GPGGA,080311,3452.3322,N,07439.9226,W,2,10,0.3,8,M,,M,,*54
\$HEHDT,42.8,T*11

PORT 4 04-06-2014 08:04:03
\$GPGLL,3452.3322,N,07439.9226,W,080311,A*35
\$GPRMC,080311,A,3452.3322,N,07439.9226,W,4.8,43.0,060414,11.9,W*7E
\$GPVTG,43.0,T,54.9,M,4.8,N,8.9,K*4C
\$GPZDA,080311,06,04,2014,00,00*46
\$GPGBS,080311,000.9,001.8,005.4,10,0.05,0006.7,012.5*48
\$HEHDT,43.1,T*19
\$GPGGA,080312,3452.3331,N,07439.9213,W,2,9,0.3,8,M,,M,,*6B
\$GPGLL,3452.3331,N,07439.9213,W,080312,A*32
\$GPRMC,080312,A,3452.3331,N,07439.9213,W,4.9,43.0,060414,11.9,W*78
\$HEHDT,42.9,T*10
\$GPVTG,43.0,T,54.9,M,4.9,N,9.1,K*44
\$GPZDA,080312,06,04,2014,00,00*45
\$GPGBS,080312,001.2,001.3,003.8,10,0.05,0006.4,012.5*43
\$GPGGA,080313,3452.3340,N,07439.9200,W,2,9,0.3,8,M,,M,,*6E
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PORT 12000 04-06-2014 08:04:03
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PORT 4 04-06-2014 08:04:04
\$GPGLL,3452.3340,N,07439.9200,W,080313,A*37
\$GPRMC,080313,A,3452.3340,N,07439.9200,W,4.9,44.1,060414,11.9,W*7B
\$HEHDT,42.6,T*1F
\$GPVTG,44.1,T,56.0,M,4.9,N,9.1,K*49
\$GPZDA,080313,06,04,2014,00,00*44
\$GPGBS,080313,,,,,,*48
\$GPGGA,080314,3452.3350,N,07439.9188,W,2,9,0.3,8,M,,M,,*6B
\$HEHDT,42.5,T*1C

PORT 4 04-06-2014 08:04:05
\$GPGLL,3452.3350,N,07439.9188,W,080314,A*32
\$GPRMC,080314,A,3452.3350,N,07439.9188,W,4.9,44.1,060414,11.9,W*7E
\$GPVTG,44.1,T,56.0,M,4.9,N,9.1,K*49
\$GPZDA,080314,06,04,2014,00,00*43
\$HEHDT,42.6,T*1F
\$GPGBS,080314,001.2,001.4,003.8,10,0.05,0006.0,012.5*46
\$GPGGA,080315,3452.3358,N,07439.9177,W,2,9,0.2,7,M,,M,,*6C

PORT 5 04-06-2014 08:04:06
IN
PORT 4 04-06-2014 08:04:06
\$GPGLL,3452.3358,N,07439.9177,W,080315,A*3B
\$GPRMC,080315,A,3452.3358,N,07439.9177,W,4.8,44.5,060414,11.9,W*72
\$GPVTG,44.5,T,56.4,M,4.8,N,8.9,K*41
\$HEHDT,42.7,T*1E
\$GPZDA,080315,06,04,2014,00,00*42
\$GPGBS,080315,,,,,,*4E
\$GPGGA,080316,3452.3368,N,07439.9168,W,2,10,0.2,7,M,,M,,*5A
\$HEHDT,42.5,T*1C

PORT 4 04-06-2014 08:04:08
\$GPGLL,3452.3368,N,07439.9168,W,080316,A*35
\$GPRMC,080316,A,3452.3368,N,07439.9168,W,4.8,44.5,060414,11.9,W*7C
\$GPVTG,44.5,T,56.4,M,4.8,N,8.9,K*41
\$GPZDA,080316,06,04,2014,00,00*41
\$HEHDT,41.8,T*12

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\$GPGBS,080316,002.7,004.6,000.3,04,0.05,-007.6,012.5*52
\$GPGGA,080317,3452.3378,N,07439.9156,W,2,10,0.3,7,M,,M,,*56
\$HEHDT,41.9,T*13
\$GPGLL,3452.3378,N,07439.9156,W,080317,A*38
\$GPRMC,080317,A,3452.3378,N,07439.9156,W,4.8,44.3,060414,11.9,W*77
\$GPVTG,44.3,T,56.2,M,4.8,N,8.9,K*41
\$GPZDA,080317,06,04,2014,00,00*40
\$GPGBS,080317,002.4,004.0,001.0,04,0.05,-007.7,012.5*55
\$HEHDT,42.0,T*19
\$GPGGA,080318,3452.3390,N,07439.9145,W,2,9,0.3,7,M,,M,,*65

PORT 4 04-06-2014 08:04:09
\$GPGLL,3452.3390,N,07439.9145,W,080318,A*33
\$GPRMC,080318,A,3452.3390,N,07439.9145,W,4.8,43.8,060414,11.9,W*70
\$HEHDT,42.1,T*18
\$GPVTG,43.8,T,55.7,M,4.8,N,8.9,K*4B
\$GPZDA,080318,06,04,2014,00,00*4F
\$GPGBS,080318,002.7,003.9,000.5,04,0.05,-007.4,012.5*50
\$GPGGA,080319,3452.3390,N,07439.9145,W,2,9,0.3,7,M,,M,,*64
\$HEHDT,42.3,T*1A

PORT 5 04-06-2014 08:04:10
04774 mS
*
PORT 4 04-06-2014 08:04:10
\$GPGLL,3452.3390,N,07439.9145,W,080319,A*32
\$GPRMC,080319,A,3452.3390,N,07439.9145,W,4.9,43.0,060414,11.9,W*78
\$HEHDT,42.9,T*10
\$GPVTG,43.0,T,54.9,M,4.9,N,9.1,K*44
\$GPZDA,080319,06,04,2014,00,00*4E
\$GPGBS,080319,,,,,,*42
\$GPGGA,080320,3452.3405,N,07439.9123,W,2,6,0.4,7,M,,M,,*6D
\$HEHDT,43.3,T*1B

PORT 4 04-06-2014 08:04:11
\$GPGLL,3452.3405,N,07439.9123,W,080320,A*33
\$GPRMC,080320,A,3452.3405,N,07439.9123,W,5.0,42.4,060414,11.9,W*74
\$HEHDT,43.5,T*1D
\$GPVTG,42.4,T,54.3,M,5.0,N,9.3,K*41
\$GPZDA,080320,06,04,2014,00,00*44
\$GPGBS,080320,009.5,003.9,013.0,26,0.05,0019.3,012.5*40
\$GPGGA,080321,3452.3414,N,07439.9112,W,2,6,0.3,7,M,,M,,*69
\$HEHDT,43.5,T*1D

PORT 4 04-06-2014 08:04:12
\$GPGLL,3452.3414,N,07439.9112,W,080321,A*30
\$GPRMC,080321,A,3452.3414,N,07439.9112,W,4.8,42.1,060414,11.9,W*7B
\$GPVTG,42.1,T,54.0,M,4.8,N,8.9,K*45
\$GPZDA,080321,06,04,2014,00,00*45
\$GPGBS,080321,009.8,004.0,013.4,26,0.05,0020.0,012.5*4F
\$HEHDT,43.0,T*18
\$GPGGA,080322,3452.3423,N,07439.9101,W,2,7,0.3,7,M,,M,,*6D
\$GPGLL,3452.3423,N,07439.9101,W,080322,A*35
\$HEHDT,42.8,T*11
\$GPRMC,080322,A,3452.3423,N,07439.9101,W,4.8,42.3,060414,11.9,W*7C
\$GPVTG,42.3,T,54.2,M,4.8,N,8.9,K*45
\$GPZDA,080322,06,04,2014,00,00*46
\$GPGBS,080322,,,,,,*4A
\$GPGGA,080323,3452.3434,N,07439.9085,W,2,7,0.3,7,M,,M,,*67
\$HEHDT,42.4,T*1D
PORT 12000 04-06-2014 08:04:12
\$PPWBA,d2pc15,192.168.2.151,Online
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PORT 4 04-06-2014 08:04:14

\$HEHDT,42.1,T*18
 \$GPGLL,3452.3434,N,07439.9085,W,080323,A*3F
 \$GPRMC,080323,A,3452.3434,N,07439.9085,W,4.9,43.4,060414,11.9,W*71
 \$GPVTG,43.4,T,55.3,M,4.9,N,9.1,K*4B
 \$GPZDA,080323,06,04,2014,00,00*47
 \$GPGBS,080323,,,,,,*4B
 \$GPGGA,080324,3452.3441,N,07439.9076,W,2,6,0.3,7,M,,M,,*6F
 \$HEHDT,42.0,T*19

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PORT 4 04-06-2014 08:04:15

\$GPGLL,3452.3441,N,07439.9076,W,080324,A*36
 \$HEHDT,41.6,T*1C
 \$GPRMC,080324,A,3452.3441,N,07439.9076,W,5.0,44.8,060414,11.9,W*7B
 \$GPVTG,44.8,T,56.7,M,5.0,N,9.3,K*4D
 \$GPZDA,080324,06,04,2014,00,00*40
 \$GPGBS,080324,003.7,004.4,006.3,10,0.05,0023.8,012.5*46
 \$GPGGA,080325,3452.3448,N,07439.9068,W,2,6,0.3,7,M,,M,,*68
 \$HEHDT,42.2,T*1B

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PORT 4 04-06-2014 08:04:16

\$GPGLL,3452.3448,N,07439.9068,W,080325,A*31
 \$GPRMC,080325,A,3452.3448,N,07439.9068,W,4.9,45.3,060414,11.9,W*7E
 \$HEHDT,42.3,T*1A
 \$GPVTG,45.3,T,57.2,M,4.9,N,9.1,K*49
 \$GPZDA,080325,06,04,2014,00,00*41
 \$GPGBS,080325,002.3,013.3,006.3,04,0.05,-018.7,012.5*5C
 \$GPGGA,080326,3452.3458,N,07439.9059,W,2,6,0.3,7,M,,M,,*68
 \$HEHDT,42.3,T*1A

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PORT 4 04-06-2014 08:04:17

\$GPGLL,3452.3458,N,07439.9059,W,080326,A*31
 \$GPRMC,080326,A,3452.3458,N,07439.9059,W,4.7,45.1,060414,11.9,W*72
 \$GPVTG,45.1,T,57.0,M,4.7,N,8.7,K*40
 \$HEHDT,42.9,T*10
 \$GPZDA,080326,06,04,2014,00,00*42
 \$GPGBS,080326,002.5,002.2,009.4,10,0.05,0013.7,012.5*43
 \$GPGGA,080327,3452.3470,N,07439.9049,W,2,6,0.3,6,M,,M,,*63

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PORT 4 04-06-2014 08:04:18

\$HEHDT,43.1,T*19
 \$GPGLL,3452.3470,N,07439.9049,W,080327,A*3B
 \$GPRMC,080327,A,3452.3470,N,07439.9049,W,4.6,43.9,060414,11.9,W*77
 \$GPVTG,43.9,T,55.8,M,4.6,N,8.5,K*47
 \$GPZDA,080327,06,04,2014,00,00*43
 \$GPGBS,080327,001.4,001.7,005.1,10,0.05,0007.4,012.5*49
 \$HEHDT,42.5,T*1C
 \$GPGGA,080328,3452.3481,N,07439.9039,W,2,9,0.3,6,M,,M,,*6A

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PORT 4 04-06-2014 08:04:19

\$HEHDT,42.6,T*1F
 \$GPGLL,3452.3481,N,07439.9039,W,080328,A*3D
 \$GPRMC,080328,A,3452.3481,N,07439.9039,W,4.7,42.5,060414,11.9,W*7D
 \$GPVTG,42.5,T,54.4,M,4.7,N,8.7,K*44
 \$GPZDA,080328,06,04,2014,00,00*4C
 \$GPGBS,080328,001.2,001.5,004.1,10,0.05,0006.3,012.5*45
 \$HEHDT,42.4,T*1D
 \$GPGGA,080329,3452.3491,N,07439.9029,W,2,9,0.2,6,M,,M,,*6A

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PORT 4 04-06-2014 08:04:20

\$GPGLL,3452.3491,N,07439.9029,W,080329,A*3C
 \$HEHDT,42.0,T*19
 \$GPRMC,080329,A,3452.3491,N,07439.9029,W,4.8,41.6,060414,11.9,W*73

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\$GPVTG,41.6,T,53.5,M,4.8,N,8.9,K*43
\$GPZDA,080329,06,04,2014,00,00*4D
\$GPGBS,080329,001.1,002.4,001.1,04,0.05,-005.4,012.5*5C
\$GPGGA,080330,3452.3501,N,07439.9017,W,2,10,0.2,6,M,,M,,*5F
\$HEHDT,42.2,T*1B

PORT 4 04-06-2014 08:04:21
\$GPGLL,3452.3501,N,07439.9017,W,080330,A*31
\$GPRMC,080330,A,3452.3501,N,07439.9017,W,4.6,41.5,060414,11.9,W*73
\$HEHDT,42.3,T*1A
\$GPVTG,41.5,T,53.4,M,4.6,N,8.5,K*43
\$GPZDA,080330,06,04,2014,00,00*45
\$GPGBS,080330,000.6,000.1,004.1,02,0.05,0006.8,012.5*44
\$GPGGA,080331,3452.3510,N,07439.9004,W,2,10,0.2,6,M,,M,,*5C
\$HEHDT,42.6,T*1F

PORT 4 04-06-2014 08:04:22
\$GPGLL,3452.3510,N,07439.9004,W,080331,A*32
\$GPRMC,080331,A,3452.3510,N,07439.9004,W,4.6,41.9,060414,11.9,W*7C
\$GPVTG,41.9,T,53.8,M,4.6,N,8.5,K*43
\$HEHDT,42.4,T*1D
\$GPZDA,080331,06,04,2014,00,00*44
\$GPGBS,080331,000.9,002.6,000.8,04,0.05,-005.3,012.5*51
\$GPGGA,080332,3452.3521,N,07439.8990,W,2,10,0.2,6,M,,M,,*58
\$HEHDT,42.6,T*1F
\$GPGLL,3452.3521,N,07439.8990,W,080332,A*36
\$GPRMC,080332,A,3452.3521,N,07439.8990,W,4.8,42.9,060414,11.9,W*75
\$GPVTG,42.9,T,54.8,M,4.8,N,8.9,K*45
\$GPZDA,080332,06,04,2014,00,00*47
\$GPGBS,080332,000.9,000.1,005.0,02,0.05,0007.5,012.5*45
\$HEHDT,41.9,T*13
\$GPGGA,080333,3452.3530,N,07439.8977,W,2,10,0.2,6,M,,M,,*50
PORT 12000 04-06-2014 08:04:22
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:04:24
\$HEHDT,42.1,T*18
\$GPGLL,3452.3530,N,07439.8977,W,080333,A*3E
\$GPRMC,080333,A,3452.3530,N,07439.8977,W,4.9,44.3,060414,11.9,W*70
\$GPVTG,44.3,T,56.2,M,4.9,N,9.1,K*49
\$GPZDA,080333,06,04,2014,00,00*46
\$GPGBS,080333,,,,,,*4A
\$GPGGA,080334,3452.3539,N,07439.8967,W,2,9,0.3,6,M,,M,,*66
\$HEHDT,42.1,T*18

PORT 4 04-06-2014 08:04:25
\$GPGLL,3452.3539,N,07439.8967,W,080334,A*31
\$HEHDT,42.4,T*1D
\$GPRMC,080334,A,3452.3539,N,07439.8967,W,4.8,45.3,060414,11.9,W*7F
\$GPVTG,45.3,T,57.2,M,4.8,N,8.9,K*41
\$GPZDA,080334,06,04,2014,00,00*41
\$GPGBS,080334,,,,,,*4D
\$GPGGA,080335,3452.3549,N,07439.8958,W,2,9,0.3,6,M,,M,,*6C
\$HEHDT,42.6,T*1F

PORT 4 04-06-2014 08:04:26
\$GPGLL,3452.3549,N,07439.8958,W,080335,A*3B
\$GPRMC,080335,A,3452.3549,N,07439.8958,W,4.8,45.2,060414,11.9,W*74
\$HEHDT,42.9,T*10
\$GPVTG,45.2,T,57.1,M,4.8,N,8.9,K*43
\$GPZDA,080335,06,04,2014,00,00*40
\$GPGBS,080335,001.6,001.7,005.8,10,0.05,0006.8,012.5*4C
\$GPGGA,080336,3452.3560,N,07439.8950,W,2,10,0.2,6,M,,M,,*55

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\$HEHDT,42.9,T*10

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PORT 4 04-06-2014 08:04:27

\$GPGLL,3452.3560,N,07439.8950,W,080336,A*3B

\$GPRMC,080336,A,3452.3560,N,07439.8950,W,4.7,43.8,060414,11.9,W*77

\$GPVTG,43.8,T,55.7,M,4.7,N,8.7,K*4A

\$HEHDT,43.1,T*19

\$GPZDA,080336,06,04,2014,00,00*43

\$GPGBS,080336,000.9,000.3,004.5,02,0.05,0012.5,012.5*43

\$GPGBGA,080337,3452.3570,N,07439.8940,W,2,10,0.2,6,M,,M,,*54

\$HEHDT,42.7,T*1E

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PORT 4 04-06-2014 08:04:28

\$GPGLL,3452.3570,N,07439.8940,W,080337,A*3A

\$GPRMC,080337,A,3452.3570,N,07439.8940,W,4.6,42.4,060414,11.9,W*7A

\$GPVTG,42.4,T,54.3,M,4.6,N,8.5,K*41

\$GPZDA,080337,06,04,2014,00,00*42

\$HEHDT,42.8,T*11

\$GPGBS,080337,000.9,000.4,005.8,02,0.05,0011.2,012.5*4D

\$GPGBGA,080338,3452.3579,N,07439.8929,W,2,10,0.2,6,M,,M,,*5D

#

PORT 4 04-06-2014 08:04:29

\$HEHDT,42.8,T*11

\$GPGLL,3452.3579,N,07439.8929,W,080338,A*33

\$GPRMC,080338,A,3452.3579,N,07439.8929,W,4.6,41.9,060414,11.9,W*7D

\$GPVTG,41.9,T,53.8,M,4.6,N,8.5,K*43

\$GPZDA,080338,06,04,2014,00,00*4D

\$GPGBS,080338,001.1,000.6,007.4,02,0.05,0009.4,012.5*48

\$HEHDT,42.5,T*1C

\$GPGBGA,080339,3452.3589,N,07439.8916,W,2,10,0.3,6,M,,M,,*5E

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PORT 4 04-06-2014 08:04:31

\$HEHDT,42.9,T*10

\$GPGLL,3452.3589,N,07439.8916,W,080339,A*31

\$GPRMC,080339,A,3452.3589,N,07439.8916,W,4.6,42.4,060414,11.9,W*71

\$GPVTG,42.4,T,54.3,M,4.6,N,8.5,K*41

\$GPZDA,080339,06,04,2014,00,00*4C

\$GPGBS,080339,000.9,000.2,004.7,02,0.05,0007.9,012.5*47

\$GPGBGA,080340,3452.3600,N,07439.8904,W,2,10,0.2,6,M,,M,,*50

\$HEHDT,43.1,T*19

\$GPGLL,3452.3600,N,07439.8904,W,080340,A*3E

\$GPRMC,080340,A,3452.3600,N,07439.8904,W,4.8,43.0,060414,11.9,W*75

\$HEHDT,43.8,T*10

\$GPVTG,43.0,T,54.9,M,4.8,N,8.9,K*4C

\$GPZDA,080340,06,04,2014,00,00*42

\$GPGBS,080340,000.2,000.5,008.4,02,0.05,0008.3,012.5*4F

\$GPGBGA,080341,3452.3609,N,07439.8893,W,2,10,0.3,6,M,,M,,*56

\$HEHDT,44.0,T*1F

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PORT 4 04-06-2014 08:04:32

\$GPGLL,3452.3609,N,07439.8893,W,080341,A*39

\$GPRMC,080341,A,3452.3609,N,07439.8893,W,4.7,43.3,060414,11.9,W*7E

\$GPVTG,43.3,T,55.2,M,4.7,N,8.7,K*44

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\$GPZDA,080341,06,04,2014,00,00*43

\$GPGBS,080341,,,,,*4F

\$GPGBGA,080342,3452.3618,N,07439.8881,W,2,8,0.3,6,M,,M,,*6F

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PORT 12000 04-06-2014 08:04:32

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PORT 4 04-06-2014 08:04:33

\$GPGLL,3452.3618,N,07439.8881,W,080342,A*39

S01_C04_survey.Log

\$GPRMC,080342,A,3452.3618,N,07439.8881,W,4.6,43.9,060414,11.9,W*75
 \$GPVTG,43.9,T,55.8,M,4.6,N,8.5,K*47
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 \$GPGBS,080342,,,,,,,,*4C
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 PORT 4 04-06-2014 08:04:34
 \$GPGLL,3452.3628,N,07439.8868,W,080343,A*3C
 \$GPRMC,080343,A,3452.3628,N,07439.8868,W,4.6,44.5,060414,11.9,W*7B
 \$GPVTG,44.5,T,56.4,M,4.6,N,8.5,K*43
 \$GPZDA,080343,06,04,2014,00,00*41
 \$GPGBS,080343,001.2,000.4,004.8,02,0.05,0014.8,012.5*4A
 \$HEHDT,43.8,T*10
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 PORT 4 04-06-2014 08:04:35
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 \$GPGLL,3452.3636,N,07439.8857,W,080344,A*38
 \$GPRMC,080344,A,3452.3636,N,07439.8857,W,4.8,45.1,060414,11.9,W*74
 \$GPVTG,45.1,T,57.0,M,4.8,N,8.9,K*41
 \$GPZDA,080344,06,04,2014,00,00*46
 \$GPGBS,080344,001.8,000.6,008.1,02,0.05,0014.7,012.5*4F
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 PORT 4 04-06-2014 08:04:36
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 \$HEHDT,44.4,T*1B
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 \$GPVTG,45.2,T,57.1,M,4.8,N,8.9,K*43
 \$GPZDA,080345,06,04,2014,00,00*47
 \$GPGBS,080345,001.2,000.5,006.7,02,0.05,0011.0,012.5*4D
 \$GPGGA,080346,3452.3653,N,07439.8838,W,2,10,0.2,5,M,,M,,*5D
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 PORT 4 04-06-2014 08:04:37
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 \$HEHDT,44.5,T*1A
 \$GPVTG,44.8,T,56.7,M,4.6,N,8.5,K*4D
 \$GPZDA,080346,06,04,2014,00,00*44
 \$GPGBS,080346,010.8,004.3,012.9,17,0.05,0017.1,012.5*4E
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 PORT 4 04-06-2014 08:04:38
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 \$GPVTG,44.2,T,56.1,M,4.6,N,8.5,K*41
 \$HEHDT,44.8,T*17
 \$GPZDA,080347,06,04,2014,00,00*45
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 \$GPGLL,3452.3672,N,07439.8815,W,080348,A*32
 \$GPRMC,080348,A,3452.3672,N,07439.8815,W,4.6,44.3,060414,11.9,W*73
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 \$GPZDA,080348,06,04,2014,00,00*4A
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$GPGGBS,080349,,,,,,,,*47
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PORT 4 04-06-2014 08:04:41
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$GPRMC,080350,A,3452.3690,N,07439.8795,W,4.6,44.6,060414,11.9,W*74
$GPVTG,44.6,T,56.5,M,4.6,N,8.5,K*41
$GPZDA,080350,06,04,2014,00,00*43
$GPGGBS,080350,,,,,,,,*4F
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PORT 4 04-06-2014 08:04:42
$GPGLL,3452.3700,N,07439.8783,W,080351,A*3E
$GPRMC,080351,A,3452.3700,N,07439.8783,W,4.6,44.8,060414,11.9,W*74
$HEHDT,44.1,T*1E
$GPVTG,44.8,T,56.7,M,4.6,N,8.5,K*4D
$GPZDA,080351,06,04,2014,00,00*42
$GPGGBS,080351,001.3,001.3,004.6,10,0.05,0006.7,012.5*4F
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PORT 12000 04-06-2014 08:04:42
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PORT 4 04-06-2014 08:04:43
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$GPVTG,44.8,T,56.7,M,4.6,N,8.5,K*4D
$HEHDT,44.3,T*1C
$GPZDA,080352,06,04,2014,00,00*41
$GPGGBS,080352,003.4,003.0,010.2,05,0.05,-008.0,012.5*59
$GPGGA,080353,3452.3719,N,07439.8759,W,2,10,0.3,5,M,,M,,*5F
$HEHDT,44.3,T*1C
#
PORT 4 04-06-2014 08:04:44
$GPGLL,3452.3719,N,07439.8759,W,080353,A*33
$GPRMC,080353,A,3452.3719,N,07439.8759,W,4.7,44.8,060414,11.9,W*78
$GPVTG,44.8,T,56.7,M,4.7,N,8.7,K*4E
$GPZDA,080353,06,04,2014,00,00*40
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$GPGGBS,080353,001.3,002.9,001.9,04,0.05,-006.0,012.5*51
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PORT 4 04-06-2014 08:04:45
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$GPRMC,080354,A,3452.3730,N,07439.8747,W,4.8,44.9,060414,11.9,W*75
$GPVTG,44.9,T,56.8,M,4.8,N,8.9,K*41
$GPZDA,080354,06,04,2014,00,00*47
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PORT 4 04-06-2014 08:04:46
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\$GPGLL,3452.3737,N,07439.8736,W,080355,A*30
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\$GPZDA,080355,06,04,2014,00,00*46
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\$GPGGA,080356,3452.3745,N,07439.8726,W,2,9,0.3,5,M,,M,,*63
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\$GPRMC,080356,A,3452.3745,N,07439.8726,W,4.7,45.2,060414,11.9,W*77
\$HEHDT,45.1,T*1F
\$GPVTG,45.2,T,57.1,M,4.7,N,8.7,K*42
\$GPZDA,080356,06,04,2014,00,00*45
\$GPGBS,080356,001.6,002.1,005.4,10,0.05,0006.3,012.5*4B
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PORT 4 04-06-2014 08:04:48
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\$GPRMC,080357,A,3452.3755,N,07439.8712,W,4.6,45.5,060414,11.9,W*76
\$HEHDT,44.8,T*17
\$GPVTG,45.5,T,57.4,M,4.6,N,8.5,K*43
\$GPZDA,080357,06,04,2014,00,00*44
\$GPGBS,080357,,,,,,*48
\$GPGGA,080358,3452.3766,N,07439.8699,W,2,9,0.3,5,M,,M,,*69
\$HEHDT,44.1,T*1E

PORT 4 04-06-2014 08:04:49
\$GPGLL,3452.3766,N,07439.8699,W,080358,A*3D
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\$GPVTG,46.1,T,58.0,M,4.7,N,8.7,K*4C
\$HEHDT,44.2,T*1D
\$GPZDA,080358,06,04,2014,00,00*4B
\$GPGBS,080358,001.3,001.2,005.7,10,0.05,0010.2,012.5*45
\$GPGGA,080359,3452.3774,N,07439.8688,W,2,9,0.3,5,M,,M,,*6B
\$HEHDT,44.2,T*1D

PORT 4 04-06-2014 08:04:50
\$GPGLL,3452.3774,N,07439.8688,W,080359,A*3F
\$GPRMC,080359,A,3452.3774,N,07439.8688,W,4.8,46.3,060414,11.9,W*72
\$GPVTG,46.3,T,58.2,M,4.8,N,8.9,K*4D
\$GPZDA,080359,06,04,2014,00,00*4A
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\$GPGBS,080359,001.2,000.5,005.5,02,0.05,0007.6,012.5*40
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PORT 4 04-06-2014 08:04:51
\$HEHDT,44.7,T*18
\$GPGLL,3452.3784,N,07439.8678,W,080400,A*34
\$GPRMC,080400,A,3452.3784,N,07439.8678,W,4.7,45.9,060414,11.9,W*7F
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\$GPZDA,080400,06,04,2014,00,00*41
\$GPGBS,080400,001.2,001.4,004.3,10,0.05,0007.5,012.5*4C
\$HEHDT,44.4,T*1B
\$GPGGA,080401,3452.3795,N,07439.8668,W,2,10,0.2,5,M,,M,,*59

PORT 4 04-06-2014 08:04:52
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\$GPVTG,45.3,T,57.2,M,4.6,N,8.5,K*43
\$GPZDA,080401,06,04,2014,00,00*40
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S01_C04_survey.Log

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PORT 4 04-06-2014 08:04:53
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$GPZDA,080402,06,04,2014,00,00*43
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$GPGGA,080403,3452.3815,N,07439.8644,W,2,10,0.2,5,M,,M,,*52
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PORT 4 04-06-2014 08:04:54
$GPGLL,3452.3815,N,07439.8644,W,080403,A*3F
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$HEHDT,44.7,T*18
$GPVTG,43.9,T,55.8,M,4.7,N,8.7,K*44
$GPZDA,080403,06,04,2014,00,00*42
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$GPGGA,080404,3452.3823,N,07439.8632,W,2,10,0.2,5,M,,M,,*51
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PORT 4 04-06-2014 08:04:55
$GPGLL,3452.3823,N,07439.8632,W,080404,A*3C
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$GPVTG,44.4,T,56.3,M,4.8,N,8.9,K*47
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PORT 5 04-06-2014 08:04:57
IN
PORT 4 04-06-2014 08:04:57
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$GPGBS,080405,001.1,000.5,005.7,02,0.05,0008.0,012.5*46
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$GPRMC,080406,A,3452.3841,N,07439.8607,W,4.8,46.1,060414,11.9,W*73
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PORT 4 04-06-2014 08:04:58

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\$GPVTG,46.7,T,58.6,M,4.8,N,8.9,K*4D
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\$GPGBS,080407,001.1,000.5,006.1,02,0.05,0008.4,012.5*45
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PORT 4 04-06-2014 08:04:59
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PORT 4 04-06-2014 08:05:00
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PORT 5 04-06-2014 08:05:01
04694 mS
*
PORT 4 04-06-2014 08:05:01
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\$GPRMC,080410,A,3452.3878,N,07439.8563,w,4.7,45.6,060414,11.9,w*74
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PORT 4 04-06-2014 08:05:02
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PORT 12000 04-06-2014 08:05:02
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PORT 4 04-06-2014 08:05:04
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\$GPRMC,080412,A,3452.3900,N,07439.8538,w,4.8,45.3,060414,11.9,w*7C
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\$GPZDA,080412,06,04,2014,00,00*42
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\$GPRMC,080413,A,3452.3909,N,07439.8527,W,4.9,45.1,060414,11.9,w*79
\$HEHDT,45.5,T*1B
\$GPVTG,45.1,T,57.0,M,4.9,N,9.1,K*49
\$GPZDA,080413,06,04,2014,00,00*43
\$GPGBS,080413,001.1,001.3,003.9,10,0.05,0007.9,012.5*4B
\$GPGGA,080414,3452.3918,N,07439.8516,W,2,10,0.2,5,M,,M,,*5C
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PORT 4 04-06-2014 08:05:05
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\$HEHDT,45.3,T*1D
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PORT 4 04-06-2014 08:05:06
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\$GPRMC,080415,A,3452.3927,N,07439.8504,W,4.8,45.2,060414,11.9,w*70
\$GPVTG,45.2,T,57.1,M,4.8,N,8.9,K*43
\$GPZDA,080415,06,04,2014,00,00*45
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\$GPGBS,080415,001.6,002.0,006.3,10,0.05,0007.7,012.5*4B
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PORT 4 04-06-2014 08:05:07
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\$GPZDA,080416,06,04,2014,00,00*46
\$GPGBS,080416,001.0,000.4,005.4,02,0.05,0008.4,012.5*43
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PORT 4 04-06-2014 08:05:08
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\$GPRMC,080417,A,3452.3946,N,07439.8477,W,4.9,46.1,060414,11.9,w*71
\$GPVTG,46.1,T,58.0,M,4.9,N,9.1,K*45
\$GPZDA,080417,06,04,2014,00,00*47
\$GPGBS,080417,001.1,000.5,006.1,02,0.05,0009.0,012.5*41
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PORT 4 04-06-2014 08:05:10
\$GPGLL,3452.3954,N,07439.8466,W,080418,A*33
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\$HEHDT,44.7,T*18
\$GPVTG,46.6,T,58.5,M,4.9,N,9.1,K*47
\$GPZDA,080418,06,04,2014,00,00*48
\$GPGBS,080418,001.0,001.2,004.2,10,0.05,0007.5,012.5*40
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\$HEHDT,44.9,T*16
\$GPVTG,46.7,T,58.6,M,4.9,N,9.1,K*45
\$GPZDA,080419,06,04,2014,00,00*49
\$GPGBS,080419,001.0,000.4,005.5,02,0.05,0007.0,012.5*46
\$GPGGA,080420,3452.3974,N,07439.8444,W,2,10,0.2,5,M,,M,,*57

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$GPZDA,080420,06,04,2014,00,00*43
$HEHDT,44.8,T*17
$GPGBS,080420,001.2,001.3,004.0,10,0.05,0007.5,012.5*4A
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PORT 4 04-06-2014 08:05:12
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$GPGLL,3452.3985,N,07439.8433,W,080421,A*35
$GPRMC,080421,A,3452.3985,N,07439.8433,W,4.8,45.7,060414,11.9,W*7F
$GPVTG,45.7,T,57.6,M,4.8,N,8.9,K*41
$GPZDA,080421,06,04,2014,00,00*42
$GPGBS,080421,001.3,001.6,004.1,10,0.05,0007.2,012.5*49
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PORT 4 04-06-2014 08:05:13
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$GPVTG,44.8,T,56.7,M,4.9,N,9.1,K*47
$GPZDA,080422,06,04,2014,00,00*41
$GPGBS,080422,001.0,001.3,003.7,10,0.05,0006.8,012.5*46
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PORT 4 04-06-2014 08:05:14
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$HEHDT,45.5,T*1B
$GPVTG,44.0,T,55.9,M,4.9,N,9.1,K*42
$GPZDA,080423,06,04,2014,00,00*40
$GPGBS,080423,001.1,001.3,003.8,10,0.05,0006.7,012.5*46
$GPGGA,080424,3452.4015,N,07439.8395,W,2,10,0.2,5,M,,M,,*51
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PORT 4 04-06-2014 08:05:15
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$GPRMC,080424,A,3452.4015,N,07439.8395,W,4.9,44.3,060414,11.9,W*72
$HEHDT,45.1,T*1F
$GPVTG,44.3,T,56.2,M,4.9,N,9.1,K*49
$GPZDA,080424,06,04,2014,00,00*47
$GPGBS,080424,001.0,001.3,003.7,10,0.05,0006.6,012.5*4E
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$HEHDT,44.9,T*16
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PORT 4 04-06-2014 08:05:16
$GPGLL,3452.4023,N,07439.8382,W,080425,A*3E
$GPRMC,080425,A,3452.4023,N,07439.8382,W,4.9,45.4,060414,11.9,W*76
$GPVTG,45.4,T,57.3,M,4.9,N,9.1,K*4F
$HEHDT,44.6,T*19
$GPZDA,080425,06,04,2014,00,00*46
$GPGBS,080425,001.4,001.8,004.7,10,0.05,0006.0,012.5*41
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PORT 4 04-06-2014 08:05:18

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 \$GPVTG,46.4,T,58.3,M,4.9,N,9.1,K*43
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 \$GPGBS,080426,000.9,000.3,004.8,02,0.05,0006.6,012.5*4E
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 \$GPGGA,080427,3452.4041,N,07439.8358,W,2,10,0.2,5,M,,M,,*52
 \$GPGLL,3452.4041,N,07439.8358,W,080427,A*3F
 \$HEHDT,45.0,T*1E
 \$GPRMC,080427,A,3452.4041,N,07439.8358,W,4.9,46.9,060414,11.9,W*79
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 \$GPGBS,080427,000.9,000.3,005.1,02,0.05,0007.4,012.5*44
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PORT 4 04-06-2014 08:05:19

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PORT 4 04-06-2014 08:05:20

\$GPGLL,3452.4061,N,07439.8334,W,080429,A*39
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 \$HEHDT,44.4,T*1B
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 \$GPZDA,080429,06,04,2014,00,00*4A
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PORT 4 04-06-2014 08:05:21

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 \$GPVTG,46.7,T,58.6,M,4.9,N,9.1,K*45
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 \$GPGBS,080430,,,,,,*4E
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PORT 4 04-06-2014 08:05:23

\$GPGLL,3452.4081,N,07439.8312,W,080431,A*3A
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 \$HEHDT,44.7,T*18
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 \$GPVTG,44.7,T,56.6,M,4.9,N,9.1,K*49
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PORT 12000 04-06-2014 08:05:23

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PORT 4 04-06-2014 08:05:24

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\$HEHDT,45.1,T*1F

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\$GPGGBS,080433,,,,,,,,*4D

\$GPGGA,080434,3452.4113,N,07439.8275,W,2,9,0.3,5,M,,M,,*61

\$HEHDT,44.8,T*17

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PORT 4 04-06-2014 08:05:25

\$GPGLL,3452.4113,N,07439.8275,W,080434,A*35

\$GPRMC,080434,A,3452.4113,N,07439.8275,W,5.1,43.7,060414,11.9,W*71

\$GPVTG,43.7,T,55.6,M,5.1,N,9.4,K*41

\$HEHDT,44.7,T*18

\$GPZDA,080434,06,04,2014,00,00*46

\$GPGGBS,080434,,,,,,,,*4A

\$GPGGA,080435,3452.4122,N,07439.8263,W,2,9,0.2,5,M,,M,,*64

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PORT 4 04-06-2014 08:05:26

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\$GPRMC,080435,A,3452.4122,N,07439.8263,W,5.0,44.2,060414,11.9,W*76

\$GPVTG,44.2,T,56.1,M,5.0,N,9.3,K*41

\$GPZDA,080435,06,04,2014,00,00*47

\$HEHDT,44.1,T*1E

\$GPGGBS,080435,,,,,,,,*4B

\$GPGGA,080436,3452.4130,N,07439.8250,W,2,9,0.3,5,M,,M,,*65

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PORT 4 04-06-2014 08:05:27

\$HEHDT,44.5,T*1A

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\$GPRMC,080436,A,3452.4130,N,07439.8250,W,4.9,44.9,060414,11.9,W*75

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\$GPZDA,080436,06,04,2014,00,00*44

\$GPGGBS,080436,,,,,,,,*48

\$GPGGA,080437,3452.4139,N,07439.8235,W,2,9,0.3,5,M,,M,,*6E

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PORT 4 04-06-2014 08:05:28

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\$GPZDA,080437,06,04,2014,00,00*45

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PORT 4 04-06-2014 08:05:29

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\$HEHDT,44.1,T*1E

\$GPVTG,46.5,T,58.4,M,5.0,N,9.3,K*4F

\$GPZDA,080438,06,04,2014,00,00*4A

\$GPGGBS,080438,,,,,,,,*46

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PORT 4 04-06-2014 08:05:30

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\$GPVTG,47.0,T,58.9,M,5.0,N,9.3,K*46
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PORT 4 04-06-2014 08:05:31
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\$GPVTG,46.8,T,58.7,M,4.9,N,9.1,K*4B
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\$GPGBS,080440,,,,,,*49
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PORT 4 04-06-2014 08:05:32
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\$GPVTG,45.4,T,57.3,M,4.9,N,9.1,K*4F
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\$GPGBS,080441,,,,,,*48
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\$HEHDT,44.1,T*1E
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PORT 4 04-06-2014 08:05:33
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PORT 4 04-06-2014 08:05:35
\$GPGLL,3452.4211,N,07439.8154,W,080444,A*33
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\$GPVTG,43.8,T,55.7,M,5.0,N,9.3,K*49
\$GPZDA,080444,06,04,2014,00,00*41
\$GPGBS,080444,,,,,,*4D
\$GPGGA,080445,3452.4221,N,07439.8140,W,2,9,0.3,5,M,,M,,*60
\$HEHDT,44.9,T*16

PORT 4 04-06-2014 08:05:36
\$GPGLL,3452.4221,N,07439.8140,W,080445,A*34
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\$GPVTG,44.1,T,56.0,M,5.0,N,9.3,K*43
\$HEHDT,44.9,T*16

S01_C04_survey.Log

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\$GPGLL,3452.4239,N,07439.8113,W,080447,A*39
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PORT 4 04-06-2014 08:05:39
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PORT 4 04-06-2014 08:05:40
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PORT 4 04-06-2014 08:05:41
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PORT 4 04-06-2014 08:05:42
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\$GPVTG,44.6,T,56.5,M,5.0,N,9.3,K*41
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PORT 5 04-06-2014 08:05:44
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PORT 4 04-06-2014 08:05:45
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PORT 4 04-06-2014 08:05:46
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PORT 5 04-06-2014 08:05:47
04617 ms
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PORT 4 04-06-2014 08:05:47
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S01_C04_survey.Log

PORT 4 04-06-2014 08:05:48

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\$GPRMC,080458,A,3452.4354,N,07439.7981,W,5.2,46.4,060414,11.9,W*70
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PORT 4 04-06-2014 08:05:49

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\$GPZDA,080459,06,04,2014,00,00*4D
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PORT 4 04-06-2014 08:05:51

\$GPGLL,3452.4375,N,07439.7961,W,080500,A*30
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PORT 4 04-06-2014 08:05:52

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\$GPZDA,080501,06,04,2014,00,00*41
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PORT 4 04-06-2014 08:05:53

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\$GPGBS,080502,,,,,,,,*4E
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PORT 4 04-06-2014 08:05:54

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S01_C04_survey.Log

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PORT 4 04-06-2014 08:05:56
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PORT 4 04-06-2014 08:05:57
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$GPVTG,45.7,T,57.6,M,5.1,N,9.4,K*45
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PORT 4 04-06-2014 08:05:58
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PORT 4 04-06-2014 08:05:59
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$GPZDA,080508,06,04,2014,00,00*48
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$GPGLL,3452.4456,N,07439.7851,W,080509,A*3D
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PORT 4 04-06-2014 08:06:00

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S01_C04_survey.Log

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PORT 4 04-06-2014 08:06:02
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\$HEHDT,45.8,T*16
\$GPVTG,46.5,T,58.4,M,5.0,N,9.3,K*4F
\$GPZDA,080511,06,04,2014,00,00*40
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PORT 12000 04-06-2014 08:06:02
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PORT 4 04-06-2014 08:06:03
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\$GPGGA,080513,3452.4492,N,07439.7804,W,2,9,0.3,5,M,,M,,*6A
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PORT 4 04-06-2014 08:06:04
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\$GPVTG,46.5,T,58.4,M,4.9,N,9.1,K*45
\$GPZDA,080513,06,04,2014,00,00*42
\$HEHDT,45.7,T*19
\$GPGBS,080513,,,,,,*4E
\$GPGGA,080514,3452.4502,N,07439.7791,W,2,9,0.3,5,M,,M,,*66

PORT 4 04-06-2014 08:06:05
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\$GPGLL,3452.4502,N,07439.7791,W,080514,A*32
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\$GPZDA,080514,06,04,2014,00,00*45
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\$GPGGA,080515,3452.4510,N,07439.7779,W,2,9,0.3,5,M,,M,,*62
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PORT 4 04-06-2014 08:06:06
\$GPGLL,3452.4510,N,07439.7779,W,080515,A*36
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PORT 4 04-06-2014 08:06:07
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\$GPVTG,46.2,T,58.1,M,5.0,N,9.3,K*4D
\$GPZDA,080516,06,04,2014,00,00*47
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PORT 4 04-06-2014 08:06:08
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\$GPVTG,46.7,T,58.6,M,4.9,N,9.1,K*45
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\$GPGBS,080517,,,,,,,,*4A
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PORT 4 04-06-2014 08:06:09
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\$GPGBS,080518,,,,,,,,*45
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PORT 4 04-06-2014 08:06:10
\$GPGLL,3452.4547,N,07439.7731,W,080519,A*34
\$GPRMC,080519,A,3452.4547,N,07439.7731,W,5.0,46.5,060414,11.9,w*76
\$GPVTG,46.5,T,58.4,M,5.0,N,9.3,K*4F
\$GPZDA,080519,06,04,2014,00,00*48
\$GPGBS,080519,,,,,,,,*44
\$HEHDT,46.2,T*1F
\$GPGGA,080520,3452.4557,N,07439.7719,W,2,9,0.3,5,M,,M,,*61

PORT 4 04-06-2014 08:06:12
\$GPGLL,3452.4557,N,07439.7719,W,080520,A*35
\$HEHDT,46.3,T*1E
\$GPRMC,080520,A,3452.4557,N,07439.7719,W,4.9,46.1,060414,11.9,w*7B
\$GPVTG,46.1,T,58.0,M,4.9,N,9.1,K*45
\$GPZDA,080520,06,04,2014,00,00*42
\$GPGBS,080520,,,,,,,,*4E
\$GPGGA,080521,3452.4565,N,07439.7706,W,2,9,0.3,5,M,,M,,*6F
\$HEHDT,46.1,T*1C
\$GPGLL,3452.4565,N,07439.7706,W,080521,A*3B
\$GPRMC,080521,A,3452.4565,N,07439.7706,W,4.9,46.3,060414,11.9,w*77
\$HEHDT,46.0,T*1D
\$GPVTG,46.3,T,58.2,M,4.9,N,9.1,K*45
\$GPZDA,080521,06,04,2014,00,00*43
\$GPGBS,080521,,,,,,,,*4F
\$GPGGA,080522,3452.4576,N,07439.7691,W,2,9,0.3,4,M,,M,,*60
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PORT 12000 04-06-2014 08:06:12
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PORT 4 04-06-2014 08:06:13
\$GPGLL,3452.4576,N,07439.7691,W,080522,A*35
\$GPRMC,080522,A,3452.4576,N,07439.7691,W,4.9,47.1,060414,11.9,w*7A
\$HEHDT,45.6,T*18
\$GPVTG,47.1,T,59.0,M,4.9,N,9.1,K*45
\$GPZDA,080522,06,04,2014,00,00*40
\$GPGBS,080522,,,,,,,,*4C

S01_C04_survey.Log

\$GPGGA,080523,3452.4585,N,07439.7679,W,2,9,0.3,4,M,,M,,*6B
\$HEHDT,45.6,T*18

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PORT 4 04-06-2014 08:06:14

\$GPGLL,3452.4585,N,07439.7679,W,080523,A*3E
\$GPRMC,080523,A,3452.4585,N,07439.7679,W,5.0,47.6,060414,11.9,W*7E
\$GPVTG,47.6,T,59.5,M,5.0,N,9.3,K*4D
\$HEHDT,45.6,T*18

\$GPZDA,080523,06,04,2014,00,00*41

\$GPGBS,080523,,,,,,,,*4D

\$GPGGA,080524,3452.4594,N,07439.7668,W,2,9,0.3,4,M,,M,,*6C

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PORT 4 04-06-2014 08:06:15

\$HEHDT,45.6,T*18
\$GPGLL,3452.4594,N,07439.7668,W,080524,A*39
\$GPRMC,080524,A,3452.4594,N,07439.7668,W,5.0,47.6,060414,11.9,W*79
\$GPVTG,47.6,T,59.5,M,5.0,N,9.3,K*4D

\$GPZDA,080524,06,04,2014,00,00*46

\$GPGBS,080524,,,,,,,,*4A

\$HEHDT,45.8,T*16
\$GPGGA,080525,3452.4604,N,07439.7656,W,2,9,0.3,4,M,,M,,*6A

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PORT 4 04-06-2014 08:06:16

\$HEHDT,45.9,T*17
\$GPGLL,3452.4604,N,07439.7656,W,080525,A*3F
\$GPRMC,080525,A,3452.4604,N,07439.7656,W,4.9,47.0,060414,11.9,W*71
\$GPVTG,47.0,T,58.9,M,4.9,N,9.1,K*4C

\$GPZDA,080525,06,04,2014,00,00*47

\$GPGBS,080525,,,,,,,,*4B

\$GPGGA,080526,3452.4615,N,07439.7643,W,2,9,0.3,4,M,,M,,*6D

\$HEHDT,46.1,T*1C

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PORT 4 04-06-2014 08:06:17

\$HEHDT,46.0,T*1D
\$GPGLL,3452.4615,N,07439.7643,W,080526,A*38
\$GPRMC,080526,A,3452.4615,N,07439.7643,W,5.0,46.2,060414,11.9,W*7D
\$GPVTG,46.2,T,58.1,M,5.0,N,9.3,K*4D

\$GPZDA,080526,06,04,2014,00,00*44

\$GPGBS,080526,,,,,,,,*48

\$GPGGA,080527,3452.4623,N,07439.7631,W,2,9,0.3,4,M,,M,,*6C

\$HEHDT,46.1,T*1C

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PORT 4 04-06-2014 08:06:18

\$GPGLL,3452.4623,N,07439.7631,W,080527,A*39
\$GPRMC,080527,A,3452.4623,N,07439.7631,W,5.0,45.9,060414,11.9,W*74
\$HEHDT,45.9,T*17
\$GPVTG,45.9,T,57.8,M,5.0,N,9.3,K*43

\$GPZDA,080527,06,04,2014,00,00*45

\$GPGBS,080527,,,,,,,,*49

\$GPGGA,080528,3452.4633,N,07439.7619,W,2,9,0.3,4,M,,M,,*68

\$HEHDT,45.9,T*17

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PORT 4 04-06-2014 08:06:19

\$GPGLL,3452.4633,N,07439.7619,W,080528,A*3D
\$GPRMC,080528,A,3452.4633,N,07439.7619,W,5.0,46.0,060414,11.9,W*7A
\$GPVTG,46.0,T,57.9,M,5.0,N,9.3,K*48
\$HEHDT,45.5,T*1B

\$GPZDA,080528,06,04,2014,00,00*4A

\$GPGBS,080528,,,,,,,,*46

\$GPGGA,080529,3452.4644,N,07439.7606,W,2,9,0.3,4,M,,M,,*67

\$HEHDT,45.3,T*1D

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PORT 4 04-06-2014 08:06:20

S01_C04_survey.Log

\$GPGLL,3452.4644,N,07439.7606,W,080529,A*32
\$GPRMC,080529,A,3452.4644,N,07439.7606,W,5.0,45.9,060414,11.9,W*7F
\$GPVTG,45.9,T,57.8,M,5.0,N,9.3,K*43
\$HEHDT,45.0,T*1E
\$GPZDA,080529,06,04,2014,00,00*4B
\$GPGBS,080529,,,,,,*47
\$GPGBS,080530,3452.4652,N,07439.7594,W,2,9,0.3,4,M,,M,,*60
\$HEHDT,45.5,T*1B
\$GPGLL,3452.4652,N,07439.7594,W,080530,A*35
\$GPRMC,080530,A,3452.4652,N,07439.7594,W,5.0,45.7,060414,11.9,W*76
\$GPVTG,45.7,T,57.6,M,5.0,N,9.3,K*43
\$GPZDA,080530,06,04,2014,00,00*43
\$GPGBS,080530,,,,,,*4F
\$GPGBS,080531,3452.4661,N,07439.7583,W,2,9,0.3,4,M,,M,,*67
\$HEHDT,45.3,T*1D

PORT 4 04-06-2014 08:06:21
\$GPGLL,3452.4661,N,07439.7583,W,080531,A*32
\$HEHDT,45.4,T*1A
\$GPRMC,080531,A,3452.4661,N,07439.7583,W,5.0,46.0,060414,11.9,W*75
\$GPVTG,46.0,T,57.9,M,5.0,N,9.3,K*48
\$GPZDA,080531,06,04,2014,00,00*42
\$GPGBS,080531,,,,,,*4E
\$GPGBS,080532,3452.4669,N,07439.7570,W,2,9,0.3,4,M,,M,,*60
\$HEHDT,45.7,T*19
PORT 12000 04-06-2014 08:06:21
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PORT 4 04-06-2014 08:06:22
\$GPGLL,3452.4669,N,07439.7570,W,080532,A*35
\$GPRMC,080532,A,3452.4669,N,07439.7570,W,4.9,46.5,060414,11.9,W*7F
\$HEHDT,45.4,T*1A
\$GPVTG,46.5,T,58.4,M,4.9,N,9.1,K*45
\$GPZDA,080532,06,04,2014,00,00*41
\$GPGBS,080532,,,,,,*4D
\$GPGBS,080533,3452.4679,N,07439.7556,W,2,9,0.3,4,M,,M,,*64

PORT 4 04-06-2014 08:06:23
\$HEHDT,45.5,T*1B
\$GPGLL,3452.4679,N,07439.7556,W,080533,A*31
\$GPRMC,080533,A,3452.4679,N,07439.7556,W,4.9,47.2,060414,11.9,W*7D
\$HEHDT,45.5,T*1B
\$GPVTG,47.2,T,59.1,M,4.9,N,9.1,K*47
\$GPZDA,080533,06,04,2014,00,00*40
\$GPGBS,080533,,,,,,*4C
\$GPGBS,080534,3452.4690,N,07439.7544,W,2,9,0.3,4,M,,M,,*67

PORT 4 04-06-2014 08:06:24
\$HEHDT,45.3,T*1D
\$GPGLL,3452.4690,N,07439.7544,W,080534,A*32
\$GPRMC,080534,A,3452.4690,N,07439.7544,W,5.0,47.4,060414,11.9,W*70
\$GPVTG,47.4,T,59.3,M,5.0,N,9.3,K*49
\$HEHDT,45.6,T*18
\$GPZDA,080534,06,04,2014,00,00*47
\$GPGBS,080534,,,,,,*4B
\$GPGBS,080535,3452.4701,N,07439.7533,W,2,9,0.3,4,M,,M,,*6F

PORT 4 04-06-2014 08:06:25
\$HEHDT,45.7,T*19
\$GPGLL,3452.4701,N,07439.7533,W,080535,A*3A
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\$GPVTG,47.0,T,58.9,M,5.0,N,9.3,K*46
\$GPZDA,080535,06,04,2014,00,00*46

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\$HEHDT,45.5,T*1B
\$GPGBS,080535,,,,,,,,*4A
\$GPGGA,080536,3452.4712,N,07439.7522,W,2,9,0.3,4,M,,M,,*6E

PORT 4 04-06-2014 08:06:26
\$HEHDT,45.7,T*19
\$GPGLL,3452.4712,N,07439.7522,W,080536,A*3B
\$GPRMC,080536,A,3452.4712,N,07439.7522,W,5.1,45.5,060414,11.9,W*7B
\$GPVTG,45.5,T,57.4,M,5.1,N,9.4,K*45
\$GPZDA,080536,06,04,2014,00,00*45
\$GPGBS,080536,,,,,,,,*49
\$GPGGA,080537,3452.4723,N,07439.7510,W,2,9,0.3,4,M,,M,,*6C
\$HEHDT,45.3,T*1D

PORT 4 04-06-2014 08:06:27
\$GPGLL,3452.4723,N,07439.7510,W,080537,A*39
\$HEHDT,44.5,T*1A
\$GPRMC,080537,A,3452.4723,N,07439.7510,W,5.1,44.2,060414,11.9,W*7F
\$GPVTG,44.2,T,56.1,M,5.1,N,9.4,K*47
\$GPZDA,080537,06,04,2014,00,00*44
\$GPGBS,080537,,,,,,,,*48
\$GPGGA,080538,3452.4733,N,07439.7497,W,2,9,0.3,4,M,,M,,*6C
\$HEHDT,44.3,T*1C

PORT 4 04-06-2014 08:06:29
\$GPGLL,3452.4733,N,07439.7497,W,080538,A*39
\$GPRMC,080538,A,3452.4733,N,07439.7497,W,5.1,44.1,060414,11.9,W*7C
\$HEHDT,44.0,T*1F
\$GPVTG,44.1,T,56.0,M,5.1,N,9.4,K*45
\$GPZDA,080538,06,04,2014,00,00*4B
\$GPGBS,080538,,,,,,,,*47
\$GPGGA,080539,3452.4741,N,07439.7484,W,2,9,0.3,4,M,,M,,*6A
\$HEHDT,44.3,T*1C

PORT 4 04-06-2014 08:06:30
\$GPGLL,3452.4741,N,07439.7484,W,080539,A*3F
\$GPRMC,080539,A,3452.4741,N,07439.7484,W,5.1,44.6,060414,11.9,W*7D
\$GPVTG,44.6,T,56.5,M,5.1,N,9.4,K*47
\$HEHDT,44.6,T*19
\$GPZDA,080539,06,04,2014,00,00*4A
\$GPGBS,080539,,,,,,,,*46
\$GPGGA,080540,3452.4749,N,07439.7472,W,2,8,0.3,4,M,,M,,*64
\$HEHDT,44.9,T*16

PORT 5 04-06-2014 08:06:31
IN
PORT 4 04-06-2014 08:06:31
\$GPGLL,3452.4741,N,07439.7484,W,080539,A*3F
\$GPRMC,080539,A,3452.4741,N,07439.7484,W,5.1,44.6,060414,11.9,W*7D
\$GPVTG,44.6,T,56.5,M,5.1,N,9.4,K*47
\$HEHDT,44.6,T*19
\$GPZDA,080539,06,04,2014,00,00*4A
\$GPGBS,080539,,,,,,,,*46
\$GPGGA,080540,3452.4749,N,07439.7472,W,2,8,0.3,4,M,,M,,*64
\$HEHDT,44.9,T*16
\$GPGLL,3452.4749,N,07439.7472,W,080540,A*30
\$GPRMC,080540,A,3452.4749,N,07439.7472,W,5.1,45.7,060414,11.9,W*72
\$GPVTG,45.7,T,57.6,M,5.1,N,9.4,K*45
\$GPZDA,080540,06,04,2014,00,00*44
\$HEHDT,45.2,T*1C
\$GPGBS,080540,,,,,,,,*48
\$GPGGA,080541,3452.4759,N,07439.7459,W,2,8,0.3,4,M,,M,,*6D
\$HEHDT,45.4,T*1A

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\$GPGLL,3452.4759,N,07439.7459,W,080541,A*39
\$GPRMC,080541,A,3452.4759,N,07439.7459,W,5.0,46.6,060414,11.9,W*78
\$GPVTG,46.6,T,58.5,M,5.0,N,9.3,K*4D
\$GPZDA,080541,06,04,2014,00,00*45
\$GPGBS,080541,,,,,,,,*49
\$GPGGA,080542,3452.4769,N,07439.7447,W,2,10,0.2,4,M,,M,,*5A
\$HEHDT,44.8,T*17
PORT 12000 04-06-2014 08:06:31
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PORT 4 04-06-2014 08:06:32
\$GPGLL,3452.4769,N,07439.7447,W,080542,A*36
\$HEHDT,45.0,T*1E
\$GPRMC,080542,A,3452.4769,N,07439.7447,W,4.9,46.9,060414,11.9,W*70
\$GPVTG,46.9,T,58.8,M,4.9,N,9.1,K*45
\$GPZDA,080542,06,04,2014,00,00*46
\$GPGBS,080542,,,,,,,,*4A
\$GPGGA,080543,3452.4780,N,07439.7436,W,2,10,0.2,4,M,,M,,*5A
\$HEHDT,44.9,T*16

PORT 4 04-06-2014 08:06:34
\$GPGLL,3452.4780,N,07439.7436,W,080543,A*36
\$HEHDT,45.1,T*1F
\$GPRMC,080543,A,3452.4780,N,07439.7436,W,5.0,46.8,060414,11.9,W*79
\$GPVTG,46.8,T,58.7,M,5.0,N,9.3,K*41
\$GPZDA,080543,06,04,2014,00,00*47
\$GPGBS,080543,,,,,,,,*4B
\$GPGGA,080544,3452.4792,N,07439.7425,W,2,9,0.2,4,M,,M,,*64
\$HEHDT,45.5,T*1B

PORT 5 04-06-2014 08:06:35
04545 ms
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PORT 4 04-06-2014 08:06:35
\$GPGLL,3452.4792,N,07439.7425,W,080544,A*30
\$GPRMC,080544,A,3452.4792,N,07439.7425,W,5.0,46.3,060414,11.9,W*74
\$HEHDT,45.3,T*1D
\$GPVTG,46.3,T,58.2,M,5.0,N,9.3,K*4F
\$GPZDA,080544,06,04,2014,00,00*40
\$GPGBS,080544,,,,,,,,*4C
\$GPGGA,080545,3452.4803,N,07439.7412,W,2,9,0.2,4,M,,M,,*66
\$HEHDT,45.3,T*1D

PORT 4 04-06-2014 08:06:36
\$GPGLL,3452.4803,N,07439.7412,W,080545,A*32
\$GPRMC,080545,A,3452.4803,N,07439.7412,W,5.0,45.3,060414,11.9,W*75
\$GPVTG,45.3,T,57.2,M,5.0,N,9.3,K*43
\$HEHDT,44.7,T*18
\$GPZDA,080545,06,04,2014,00,00*41
\$GPGBS,080545,,,,,,,,*4D
\$GPGGA,080546,3452.4814,N,07439.7398,W,2,9,0.3,4,M,,M,,*67
\$HEHDT,44.5,T*1A

PORT 4 04-06-2014 08:06:37
\$GPGLL,3452.4814,N,07439.7398,W,080546,A*32
\$GPRMC,080546,A,3452.4814,N,07439.7398,W,5.0,45.0,060414,11.9,W*76
\$GPVTG,45.0,T,56.9,M,5.0,N,9.3,K*4A
\$GPZDA,080546,06,04,2014,00,00*42
\$HEHDT,44.1,T*1E
\$GPGBS,080546,,,,,,,,*4E
\$GPGGA,080547,3452.4823,N,07439.7384,W,2,9,0.2,4,M,,M,,*6E
\$HEHDT,44.3,T*1C
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S01_C04_survey.Log

PORT 4 04-06-2014 08:06:38

\$GPGLL,3452.4823,N,07439.7384,W,080547,A*3A
\$GPRMC,080547,A,3452.4823,N,07439.7384,W,5.2,45.8,060414,11.9,w*74
\$GPVTG,45.8,T,57.7,M,5.2,N,9.6,K*4A
\$GPZDA,080547,06,04,2014,00,00*43
\$GPGGBS,080547,000.0,000.0,000.0,29,0.05,0015.1,012.5*42
\$HEHDT,44.3,T*1C
\$GPGGA,080548,3452.4831,N,07439.7370,W,2,10,0.3,4,M,,M,,*50
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PORT 4 04-06-2014 08:06:39

\$HEHDT,44.3,T*1C
\$GPGLL,3452.4831,N,07439.7370,W,080548,A*3D
\$GPRMC,080548,A,3452.4831,N,07439.7370,W,5.1,45.8,060414,11.9,w*70
\$GPVTG,45.8,T,57.7,M,5.1,N,9.4,K*4B
\$GPZDA,080548,06,04,2014,00,00*4C
\$GPGGBS,080548,000.0,000.0,000.0,29,0.05,0014.3,012.5*4E
\$GPGGA,080549,3452.4839,N,07439.7358,W,2,10,0.3,4,M,,M,,*53
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PORT 4 04-06-2014 08:06:40

\$GPGLL,3452.4839,N,07439.7358,W,080549,A*3E
\$GPRMC,080549,A,3452.4839,N,07439.7358,W,5.0,45.9,060414,11.9,w*73
\$HEHDT,44.2,T*1D
\$GPVTG,45.9,T,57.8,M,5.0,N,9.3,K*43
\$GPZDA,080549,06,04,2014,00,00*4D
\$GPGGBS,080549,001.0,000.2,005.3,02,0.05,0006.9,012.5*4A
\$GPGGA,080550,3452.4849,N,07439.7345,W,2,9,0.3,4,M,,M,,*68
\$HEHDT,44.8,T*17
\$GPGLL,3452.4849,N,07439.7345,W,080550,A*3D
\$GPRMC,080550,A,3452.4849,N,07439.7345,W,5.0,45.9,060414,11.9,w*70
\$GPVTG,45.9,T,57.8,M,5.0,N,9.3,K*43
\$HEHDT,44.9,T*16
\$GPZDA,080550,06,04,2014,00,00*45
\$GPGGBS,080550,001.1,000.4,005.9,02,0.05,0008.6,012.5*4E
\$GPGGA,080551,3452.4860,N,07439.7332,W,2,9,0.3,4,M,,M,,*62
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PORT 4 04-06-2014 08:06:41

\$HEHDT,45.2,T*1C
\$GPGLL,3452.4860,N,07439.7332,W,080551,A*37
\$GPRMC,080551,A,3452.4860,N,07439.7332,W,5.0,45.9,060414,11.9,w*7A
\$GPVTG,45.9,T,57.8,M,5.0,N,9.3,K*43
\$HEHDT,45.1,T*1F
\$GPZDA,080551,06,04,2014,00,00*44
\$GPGGBS,080551,,,,,,*48
\$GPGGA,080552,3452.4868,N,07439.7323,W,2,5,0.4,4,M,,M,,*62
PORT 12000 04-06-2014 08:06:41
\$PPWBA,d2pc15,192.168.2.151,online
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PORT 4 04-06-2014 08:06:43

\$HEHDT,45.4,T*1A
\$GPGLL,3452.4868,N,07439.7323,W,080552,A*3C
\$GPRMC,080552,A,3452.4868,N,07439.7323,W,5.0,46.2,060414,11.9,w*79
\$GPVTG,46.2,T,58.1,M,5.0,N,9.3,K*4D
\$HEHDT,45.0,T*1E
\$GPZDA,080552,06,04,2014,00,00*47
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PORT 4 04-06-2014 08:06:44

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\$GPRMC,080553,A,3452.4879,N,07439.7312,W,5.0,46.2,060414,11.9,w*7A
\$GPVTG,46.2,T,58.1,M,5.0,N,9.3,K*4D

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\$GPZDA,080553,06,04,2014,00,00*46
\$GPGBS,080553,002.4,002.4,011.3,10,0.05,0014.8,012.5*46
\$GPGGA,080554,3452.4890,N,07439.7302,W,2,6,0.4,4,M,,M,,*63
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PORT 4 04-06-2014 08:06:45
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\$GPRMC,080554,A,3452.4890,N,07439.7302,W,5.0,45.8,060414,11.9,W*72
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\$GPVTG,45.8,T,57.7,M,5.0,N,9.3,K*4D
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PORT 4 04-06-2014 08:06:46
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\$GPVTG,45.7,T,57.6,M,5.1,N,9.4,K*45
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PORT 4 04-06-2014 08:06:47
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\$GPGBS,080556,,,,,,,,*4F
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PORT 4 04-06-2014 08:06:49
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PORT 4 04-06-2014 08:06:50
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\$GPRMC,080559,A,3452.4944,N,07439.7244,W,5.1,45.3,060414,11.9,W*7E
\$GPVTG,45.3,T,57.2,M,5.1,N,9.4,K*45
\$GPZDA,080559,06,04,2014,00,00*4C
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$GPRMC,080601,A,3452.4955,N,07439.7231,W,5.1,44.6,060414,11.9,W*76
$HEHDT,44.1,T*1E
$GPVTG,44.6,T,56.5,M,5.1,N,9.4,K*47
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$GPGBS,080601,001.1,000.3,006.0,02,0.05,0007.0,012.5*4D
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$GPVTG,44.1,T,56.0,M,5.0,N,9.3,K*43
$HEHDT,43.9,T*11
$GPZDA,080602,06,04,2014,00,00*41
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PORT 4 04-06-2014 08:06:54
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$GPGBS,080603,001.3,001.4,004.6,10,0.05,0006.6,012.5*4B
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$GPVTG,44.8,T,56.7,M,5.1,N,9.4,K*4B
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$GPGBS,080604,000.0,000.0,000.0,29,0.05,0007.7,012.5*43
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$GPRMC,080605,A,3452.5002,N,07439.7163,W,5.1,45.6,060414,11.9,W*7D
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PORT 4 04-06-2014 08:06:57
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\$GPGBS,080607,,,,,,*48
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PORT 4 04-06-2014 08:06:58
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\$GPVTG,45.2,T,57.1,M,5.2,N,9.6,K*46
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\$GPGBS,080608,,,,,,*47
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PORT 4 04-06-2014 08:06:59
\$GPGLL,3452.5042,N,07439.7114,W,080609,A*36
\$HEHDT,43.3,T*1B
\$GPRMC,080609,A,3452.5042,N,07439.7114,W,5.2,44.2,060414,11.9,w*73
\$GPVTG,44.2,T,56.1,M,5.2,N,9.6,K*46
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PORT 4 04-06-2014 08:07:01
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\$GPGBS,080610,,,,,,*4E
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\$HEHDT,42.8,T*11

PORT 4 04-06-2014 08:07:02
\$GPGLL,3452.5063,N,07439.7092,W,080611,A*33
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\$HEHDT,43.0,T*18
\$GPVTG,43.1,T,55.0,M,5.1,N,9.4,K*41
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PORT 4 04-06-2014 08:07:03
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\$GPGBS,080612,,,,,,*4C
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PORT 4 04-06-2014 08:07:04
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PORT 4 04-06-2014 08:07:05
\$GPGLL,3452.5107,N,07439.7037,W,080615,A*3B
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PORT 4 04-06-2014 08:07:06
\$GPGLL,3452.5117,N,07439.7023,W,080616,A*3C
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PORT 4 04-06-2014 08:07:07
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\$GPVTG,45.2,T,57.1,M,5.2,N,9.6,K*46
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\$GPRMC,080618,A,3452.5139,N,07439.6996,W,5.2,44.9,060414,11.9,W*76
\$GPVTG,44.9,T,56.8,M,5.2,N,9.6,K*44
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PORT 4 04-06-2014 08:07:10
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\$GPVTG,44.9,T,56.8,M,5.2,N,9.6,K*44
\$GPZDA,080619,06,04,2014,00,00*4B
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PORT 4 04-06-2014 08:07:11
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\$GPVTG,43.2,T,55.1,M,5.1,N,9.4,K*43
\$GPZDA,080620,06,04,2014,00,00*41
\$GPGBS,080620,000.6,000.2,003.7,02,0.05,0009.1,012.5*44
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PORT 4 04-06-2014 08:07:12
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\$GPVTG,43.2,T,55.1,M,5.1,N,9.4,K*43
\$GPZDA,080621,06,04,2014,00,00*40
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PORT 4 04-06-2014 08:07:13
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\$GPVTG,42.1,T,54.0,M,5.1,N,9.4,K*41
\$HEHDT,42.7,T*1E
\$GPZDA,080622,06,04,2014,00,00*43
\$GPGBS,080622,000.9,000.2,005.0,02,0.05,0009.2,012.5*4B
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PORT 4 04-06-2014 08:07:14
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\$GPVTG,41.8,T,53.7,M,5.1,N,9.4,K*4B
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\$GPGBS,080623,,,,,,*4E
\$GPGGA,080624,3452.5201,N,07439.6931,W,2,10,0.2,5,M,,M,,*5F
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PORT 4 04-06-2014 08:07:15
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\$HEHDT,42.8,T*11

PORT 5 04-06-2014 08:07:17
IN
PORT 4 04-06-2014 08:07:17
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\$GPGLL,3452.5211,N,07439.6918,W,080625,A*39
\$GPRMC,080625,A,3452.5211,N,07439.6918,W,5.0,44.1,060414,11.9,w*7D
\$GPVTG,44.1,T,56.0,M,5.0,N,9.3,K*43
\$GPZDA,080625,06,04,2014,00,00*44
\$GPGBS,080625,,,,,,,,*48
\$GPGGA,080626,3452.5222,N,07439.6904,W,2,10,0.3,5,M,,M,,*5B
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\$HEHDT,43.0,T*18
\$GPRMC,080626,A,3452.5222,N,07439.6904,W,5.1,44.1,060414,11.9,w*72
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\$HEHDT,43.3,T*1B

PORT 4 04-06-2014 08:07:18
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\$GPVTG,44.1,T,56.0,M,5.1,N,9.4,K*45
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\$GPGBS,080627,001.3,001.5,004.3,10,0.05,0018.7,012.5*47
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PORT 4 04-06-2014 08:07:19
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\$HEHDT,42.9,T*10
\$GPVTG,43.7,T,55.6,M,5.2,N,9.6,K*40
\$GPZDA,080628,06,04,2014,00,00*49
\$GPGBS,080628,001.9,002.2,006.4,10,0.05,0012.2,012.5*4C
\$GPGGA,080629,3452.5251,N,07439.6871,W,2,10,0.2,5,M,,M,,*52
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PORT 4 04-06-2014 08:07:21
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\$GPVTG,43.6,T,55.5,M,5.1,N,9.4,K*43
\$GPZDA,080629,06,04,2014,00,00*48
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\$GPGBS,080629,001.8,002.0,006.3,10,0.05,0010.2,012.5*4B
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\$GPVTG,43.6,T,55.5,M,5.1,N,9.4,K*43
\$GPZDA,080630,06,04,2014,00,00*40
\$GPGBS,080630,001.7,002.1,005.3,10,0.05,0008.1,012.5*44
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\$GPVTG,43.5,T,55.4,M,5.2,N,9.6,K*40
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PORT 12000 04-06-2014 08:07:22

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PORT 4 04-06-2014 08:07:23

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\$GPZDA,080632,06,04,2014,00,00*42
\$GPGBS,080632,003.3,002.7,003.9,13,0.05,-008.1,012.5*54
\$GPGBS,080633,3452.5294,N,07439.6828,W,2,10,0.3,6,M,,M,,*5E
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PORT 4 04-06-2014 08:07:24

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\$GPVTG,42.5,T,54.4,M,5.1,N,9.4,K*41
\$HEHDT,43.3,T*1B
\$GPZDA,080633,06,04,2014,00,00*43
\$GPGBS,080633,001.2,001.5,004.8,10,0.05,0006.5,012.5*45
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PORT 4 04-06-2014 08:07:25

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PORT 4 04-06-2014 08:07:26

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\$GPGLL,3452.5324,N,07439.6788,W,080636,A*3B
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\$GPRMC,080636,A,3452.5324,N,07439.6788,W,5.1,44.1,060414,11.9,W*7E
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\$GPGBS,080636,,,,,,*4A
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PORT 4 04-06-2014 08:07:27

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\$HEHDT,42.8,T*11

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\$GPVTG,44.7,T,56.6,M,5.1,N,9.4,K*45
\$GPZDA,080637,06,04,2014,00,00*47
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\$GPGGA,080638,3452.5344,N,07439.6763,W,2,10,0.2,6,M,,M,,*58
\$HEHDT,43.1,T*19

PORT 4 04-06-2014 08:07:29
\$GPGLL,3452.5344,N,07439.6763,W,080638,A*36
\$GPRMC,080638,A,3452.5344,N,07439.6763,W,5.1,44.5,060414,11.9,W*77
\$GPVTG,44.5,T,56.4,M,5.1,N,9.4,K*45
\$HEHDT,42.7,T*1E
\$GPZDA,080638,06,04,2014,00,00*48
\$GPGBS,080638,,,,,*44
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PORT 4 04-06-2014 08:07:30
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\$GPVTG,43.8,T,55.7,M,5.2,N,9.6,K*4E
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\$GPGBS,080639,,,,,*45
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PORT 4 04-06-2014 08:07:31
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\$GPVTG,43.3,T,55.2,M,5.2,N,9.6,K*40
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PORT 4 04-06-2014 08:07:32
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\$GPZDA,080642,06,04,2014,00,00*45
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\$HEHDT,43.5,T*1D
\$GPVTG,42.9,T,54.8,M,5.1,N,9.4,K*41
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\$GPGBS,080643,,,,,,,,*48
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PORT 4 04-06-2014 08:07:35
\$GPGLL,3452.5410,N,07439.6692,W,080644,A*34
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\$HEHDT,43.7,T*1F
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PORT 4 04-06-2014 08:07:36
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\$GPGLL,3452.5427,N,07439.6667,W,080646,A*38
\$HEHDT,43.0,T*18
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PORT 4 04-06-2014 08:07:39
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\$HEHDT,43.5,T*1D
\$GPVTG,44.1,T,56.0,M,5.1,N,9.4,K*45
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PORT 4 04-06-2014 08:07:40
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\$HEHDT,43.3,T*1B
\$GPVTG,43.4,T,55.3,M,5.2,N,9.6,K*46
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\$GPGBS,080649,,,,,,,,*42
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PORT 4 04-06-2014 08:07:41
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PORT 4 04-06-2014 08:07:42
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$GPVTG,43.4,T,55.3,M,5.2,N,9.6,K*46
$GPZDA,080651,06,04,2014,00,00*47
$GPGBS,080651,000.6,000.3,004.2,02,0.05,0006.8,012.5*47
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$GPGBS,080652,,,,,,,,*48
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PORT 4 04-06-2014 08:07:44
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$GPGLL,3452.5501,N,07439.6584,W,080653,A*37
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$GPVTG,43.6,T,55.5,M,5.1,N,9.4,K*43
$GPZDA,080653,06,04,2014,00,00*45
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PORT 4 04-06-2014 08:07:45
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$GPVTG,43.7,T,55.6,M,5.2,N,9.6,K*40
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PORT 4 04-06-2014 08:07:46
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$GPVTG,43.9,T,55.8,M,5.2,N,9.6,K*40
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PORT 4 04-06-2014 08:07:49
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\$GPVTG,43.3,T,55.2,M,5.1,N,9.4,K*41
\$GPZDA,080658,06,04,2014,00,00*4E
\$GPGBS,080658,001.1,000.6,005.8,02,0.05,0009.8,012.5*49
\$GPGGA,080659,3452.5565,N,07439.6511,W,2,10,0.2,5,M,,M,,*5E
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PORT 4 04-06-2014 08:07:50
\$GPGLL,3452.5565,N,07439.6511,W,080659,A*33
\$HEHDT,43.5,T*1D
\$GPRMC,080659,A,3452.5565,N,07439.6511,W,5.2,43.8,060414,11.9,W*7B
\$GPVTG,43.8,T,55.7,M,5.2,N,9.6,K*4E
\$GPZDA,080659,06,04,2014,00,00*4F
\$GPGBS,080659,000.9,000.4,005.1,02,0.05,0009.1,012.5*43
\$GPGGA,080700,3452.5573,N,07439.6501,W,2,10,0.2,5,M,,M,,*55
\$HEHDT,43.5,T*1D

PORT 4 04-06-2014 08:07:51
\$GPGLL,3452.5573,N,07439.6501,W,080700,A*38
\$GPRMC,080700,A,3452.5573,N,07439.6501,W,5.2,44.0,060414,11.9,W*7F
\$HEHDT,43.6,T*1E
\$GPVTG,44.0,T,55.9,M,5.2,N,9.6,K*4F
\$GPZDA,080700,06,04,2014,00,00*42
\$GPGBS,080700,000.8,000.3,004.9,02,0.05,0009.3,012.5*43
\$GPGGA,080701,3452.5583,N,07439.6490,W,2,10,0.2,5,M,,M,,*52
\$HEHDT,43.4,T*1C

PORT 4 04-06-2014 08:07:52
\$GPGLL,3452.5583,N,07439.6490,W,080701,A*3F
\$GPRMC,080701,A,3452.5583,N,07439.6490,W,5.1,43.7,060414,11.9,W*7B
\$GPVTG,43.7,T,55.6,M,5.1,N,9.4,K*41
\$HEHDT,43.7,T*1F
\$GPZDA,080701,06,04,2014,00,00*43
\$GPGBS,080701,000.9,000.2,005.2,02,0.05,0009.4,012.5*4F
\$GPGGA,080702,3452.5594,N,07439.6476,W,2,10,0.2,5,M,,M,,*5F
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PORT 4 04-06-2014 08:07:53
\$GPGLL,3452.5594,N,07439.6476,W,080702,A*32
\$GPRMC,080702,A,3452.5594,N,07439.6476,W,5.0,43.5,060414,11.9,W*75
\$GPVTG,43.5,T,55.4,M,5.0,N,9.3,K*47
\$GPZDA,080702,06,04,2014,00,00*40
\$HEHDT,43.8,T*10
\$GPGBS,080702,001.0,000.2,005.1,02,0.05,0009.7,012.5*44
\$GPGGA,080703,3452.5607,N,07439.6462,W,2,10,0.2,5,M,,M,,*52

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\$HEHDT,43.8,T*10

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PORT 4 04-06-2014 08:07:54

\$GPGLL,3452.5607,N,07439.6462,W,080703,A*3F
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 \$GPZDA,080703,06,04,2014,00,00*41
 \$GPGBS,080703,000.6,000.2,005.7,02,0.05,0010.3,012.5*48
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 \$GPGGA,080704,3452.5618,N,07439.6450,W,2,9,0.3,5,M,,M,,*63

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PORT 4 04-06-2014 08:07:55

\$GPGLL,3452.5618,N,07439.6450,W,080704,A*37
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 \$GPRMC,080704,A,3452.5618,N,07439.6450,W,5.2,43.7,060414,11.9,W*70
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 \$GPGBS,080704,000.9,000.5,005.4,02,0.05,0009.8,012.5*47
 \$GPGGA,080705,3452.5627,N,07439.6439,W,2,9,0.2,5,M,,M,,*60
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 \$GPGLL,3452.5627,N,07439.6439,W,080705,A*35
 \$GPRMC,080705,A,3452.5627,N,07439.6439,W,5.2,43.8,060414,11.9,W*7D
 \$GPVTG,43.8,T,55.7,M,5.2,N,9.6,K*4E
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PORT 4 04-06-2014 08:07:56

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 \$GPRMC,080706,A,3452.5636,N,07439.6427,W,5.1,44.1,060414,11.9,W*7C
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PORT 4 04-06-2014 08:07:57

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PORT 4 04-06-2014 08:07:59

\$GPGLL,3452.5659,N,07439.6403,W,080708,A*38
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 \$GPVTG,43.4,T,55.3,M,5.1,N,9.4,K*47
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PORT 4 04-06-2014 08:08:00

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 \$HEHDT,44.0,T*1F
 \$GPVTG,43.4,T,55.3,M,5.1,N,9.4,K*47

S01_C04_survey.Log

\$GPZDA,080709,06,04,2014,00,00*4B
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\$GPGLL,3452.5680,N,07439.6379,W,080710,A*3F
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\$HEHDT,44.0,T*1F
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PORT 5 04-06-2014 08:08:02
IN
PORT 4 04-06-2014 08:08:02
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\$GPVTG,43.7,T,55.6,M,5.1,N,9.4,K*41
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\$GPZDA,080711,06,04,2014,00,00*42
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PORT 4 04-06-2014 08:08:03
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\$GPVTG,43.7,T,55.6,M,5.1,N,9.4,K*41
\$HEHDT,43.6,T*1E
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\$GPRMC,080713,A,3452.5713,N,07439.6342,W,5.1,43.9,060414,11.9,W*75
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\$GPGGA,080714,3452.5724,N,07439.6329,W,2,7,0.3,6,M,,M,,*68
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PORT 4 04-06-2014 08:08:04
\$GPGLL,3452.5724,N,07439.6329,W,080714,A*31
\$HEHDT,43.6,T*1E
\$GPRMC,080714,A,3452.5724,N,07439.6329,W,5.1,43.7,060414,11.9,W*75
\$GPVTG,43.7,T,55.6,M,5.1,N,9.4,K*41
\$GPZDA,080714,06,04,2014,00,00*47
\$GPGBS,080714,,,,,,,,*4B
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\$HEHDT,43.0,T*18

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PORT 5 04-06-2014 08:08:05

04418 mS

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PORT 4 04-06-2014 08:08:05

\$GPGLL,3452.5735,N,07439.6317,W,080715,A*3D

\$GPRMC,080715,A,3452.5735,N,07439.6317,W,5.1,43.6,060414,11.9,W*78

\$HEHDT,43.0,T*18

\$GPVTG,43.6,T,55.5,M,5.1,N,9.4,K*43

\$GPZDA,080715,06,04,2014,00,00*46

\$GPGBS,080715,,,,,,,,*4A

\$GPGGA,080716,3452.5743,N,07439.6306,W,2,6,0.4,6,M,,M,,*60

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PORT 4 04-06-2014 08:08:07

\$GPGLL,3452.5743,N,07439.6306,W,080716,A*3F

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\$GPVTG,43.7,T,55.6,M,5.1,N,9.4,K*41

\$HEHDT,42.7,T*1E

\$GPZDA,080716,06,04,2014,00,00*45

\$GPGBS,080716,,,,,,,,*49

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PORT 4 04-06-2014 08:08:08

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\$GPVTG,44.2,T,56.1,M,5.1,N,9.4,K*47

\$GPZDA,080717,06,04,2014,00,00*44

\$GPGBS,080717,,,,,,,,*48

\$HEHDT,43.0,T*18

\$GPGGA,080718,3452.5766,N,07439.6283,W,1,10,0.7,6,M,,M,,*52

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PORT 4 04-06-2014 08:08:09

\$HEHDT,43.5,T*1D

\$GPGLL,3452.5766,N,07439.6283,W,080718,A*3A

\$GPRMC,080718,A,3452.5766,N,07439.6283,W,5.1,44.3,060414,11.9,W*7D

\$GPVTG,44.3,T,56.2,M,5.1,N,9.4,K*45

\$GPZDA,080718,06,04,2014,00,00*4B

\$GPGBS,080718,,,,,,,,*47

\$GPGGA,080719,3452.5773,N,07439.6270,W,1,10,0.7,6,M,,M,,*5B

\$HEHDT,43.4,T*1C

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PORT 4 04-06-2014 08:08:10

\$GPGLL,3452.5773,N,07439.6270,W,080719,A*33

\$HEHDT,43.8,T*10

\$GPRMC,080719,A,3452.5773,N,07439.6270,W,5.1,43.8,060414,11.9,W*78

\$GPVTG,43.8,T,55.7,M,5.1,N,9.4,K*4F

\$GPZDA,080719,06,04,2014,00,00*4A

\$GPGBS,080719,,,,,,,,*46

\$GPGGA,080720,3452.5779,N,07439.6257,W,2,6,0.4,6,M,,M,,*69

\$HEHDT,44.0,T*1F

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PORT 4 04-06-2014 08:08:11

\$GPGLL,3452.5779,N,07439.6257,W,080720,A*36

\$GPRMC,080720,A,3452.5779,N,07439.6257,W,5.1,43.3,060414,11.9,W*76

\$HEHDT,43.8,T*10

\$GPVTG,43.3,T,55.2,M,5.1,N,9.4,K*41

\$GPZDA,080720,06,04,2014,00,00*40

\$GPGBS,080720,,,,,,,,*4C

\$GPGGA,080721,3452.5785,N,07439.6242,W,2,6,0.4,6,M,,M,,*6F

\$HEHDT,43.8,T*10

S01_C04_survey.Log

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PORT 4 04-06-2014 08:08:12
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$GPVTG,43.4,T,55.3,M,5.0,N,9.3,K*41
$HEHDT,43.7,T*1F
$GPZDA,080721,06,04,2014,00,00*41
$GPGGBS,080721,,,,,,,,*4D
$GPGGA,080722,3452.5793,N,07439.6227,W,2,6,0.4,6,M,,M,,*68
$HEHDT,43.4,T*1C
PORT 12000 04-06-2014 08:08:12
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PORT 4 04-06-2014 08:08:13
$GPGLL,3452.5793,N,07439.6227,W,080722,A*37
$GPRMC,080722,A,3452.5793,N,07439.6227,W,5.1,43.8,060414,11.9,W*7C
$GPVTG,43.8,T,55.7,M,5.1,N,9.4,K*4F
$GPZDA,080722,06,04,2014,00,00*42
$HEHDT,43.3,T*1B
$GPGGBS,080722,,,,,,,,*4E
$GPGGA,080723,3452.5802,N,07439.6213,W,2,6,0.4,6,M,,M,,*69
#
PORT 4 04-06-2014 08:08:14
$HEHDT,43.0,T*18
$GPGLL,3452.5802,N,07439.6213,W,080723,A*36
$GPRMC,080723,A,3452.5802,N,07439.6213,W,5.1,44.0,060414,11.9,W*72
$GPVTG,44.0,T,55.9,M,5.1,N,9.4,K*4E
$GPZDA,080723,06,04,2014,00,00*43
$GPGGBS,080723,,,,,,,,*4F
$GPGGA,080724,3452.5810,N,07439.6200,W,1,10,0.6,5,M,,M,,*5A
$HEHDT,42.9,T*10
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PORT 4 04-06-2014 08:08:15
$GPGLL,3452.5810,N,07439.6200,W,080724,A*30
$HEHDT,43.1,T*19
$GPRMC,080724,A,3452.5810,N,07439.6200,W,5.1,44.2,060414,11.9,W*76
$GPVTG,44.2,T,56.1,M,5.1,N,9.4,K*47
$GPZDA,080724,06,04,2014,00,00*44
$GPGGBS,080724,,,,,,,,*48
$GPGGA,080725,3452.5822,N,07439.6189,W,1,10,0.6,5,M,,M,,*58
$HEHDT,43.1,T*19
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PORT 4 04-06-2014 08:08:16
$GPGLL,3452.5822,N,07439.6189,W,080725,A*32
$GPRMC,080725,A,3452.5822,N,07439.6189,W,5.1,44.2,060414,11.9,W*74
$HEHDT,43.9,T*11
$GPVTG,44.2,T,56.1,M,5.1,N,9.4,K*47
$GPZDA,080725,06,04,2014,00,00*45
$GPGGBS,080725,,,,,,,,*49
$GPGGA,080726,3452.5835,N,07439.6178,W,2,5,0.5,5,M,,M,,*67
$HEHDT,44.0,T*1F
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PORT 4 04-06-2014 08:08:17
$GPGLL,3452.5835,N,07439.6178,W,080726,A*39
$GPRMC,080726,A,3452.5835,N,07439.6178,W,5.0,44.0,060414,11.9,W*7C
$GPVTG,44.0,T,55.9,M,5.0,N,9.3,K*48
$HEHDT,44.1,T*1E
$GPZDA,080726,06,04,2014,00,00*46
$GPGGBS,080726,,,,,,,,*4A
$GPGGA,080727,3452.5847,N,07439.6166,W,2,5,0.3,5,M,,M,,*6A
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PORT 4 04-06-2014 08:08:18
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\$GPGLL,3452.5847,N,07439.6166,W,080727,A*32
\$GPRMC,080727,A,3452.5847,N,07439.6166,W,5.0,43.5,060414,11.9,w*75
\$GPVTG,43.5,T,55.4,M,5.0,N,9.3,K*47
\$GPZDA,080727,06,04,2014,00,00*47
\$HEHDT,44.0,T*1F
\$GPGBS,080727,,,,,,*4B
\$GPGBS,080728,3452.5861,N,07439.6155,W,2,6,0.3,5,M,,M,,*62
\$HEHDT,43.8,T*10

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PORT 4 04-06-2014 08:08:19

\$GPGLL,3452.5861,N,07439.6155,W,080728,A*39
\$GPRMC,080728,A,3452.5861,N,07439.6155,W,5.1,42.8,060414,11.9,w*73
\$GPVTG,42.8,T,54.7,M,5.1,N,9.4,K*4F
\$GPZDA,080728,06,04,2014,00,00*48
\$GPGBS,080728,,,,,,*44
\$GPGBS,080729,3452.5872,N,07439.6144,W,2,6,0.3,5,M,,M,,*61
\$HEHDT,43.7,T*1F
\$HEHDT,43.7,T*1F
\$GPGLL,3452.5872,N,07439.6144,W,080729,A*3A
\$GPRMC,080729,A,3452.5872,N,07439.6144,W,5.0,42.6,060414,11.9,w*7F
\$GPVTG,42.6,T,54.5,M,5.0,N,9.3,K*45
\$GPZDA,080729,06,04,2014,00,00*49
\$GPGBS,080729,,,,,,*45
\$GPGBS,080730,3452.5883,N,07439.6132,W,2,6,0.3,4,M,,M,,*67
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PORT 4 04-06-2014 08:08:21

\$HEHDT,43.9,T*11
\$GPGLL,3452.5883,N,07439.6132,W,080730,A*3D
\$GPRMC,080730,A,3452.5883,N,07439.6132,W,5.0,42.9,060414,11.9,w*77
\$GPVTG,42.9,T,54.8,M,5.0,N,9.3,K*47
\$GPZDA,080730,06,04,2014,00,00*41
\$GPGBS,080730,,,,,,*4D
\$HEHDT,44.0,T*1F
\$GPGBS,080731,3452.5893,N,07439.6119,W,2,6,0.3,4,M,,M,,*6E

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PORT 4 04-06-2014 08:08:22

\$GPGLL,3452.5893,N,07439.6119,W,080731,A*34
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\$GPVTG,43.6,T,55.5,M,5.1,N,9.4,K*43
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\$GPVTG,44.6,T,56.5,M,5.1,N,9.4,K*47
\$HEHDT,43.9,T*11
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\$GPGBS,080732,001.0,000.3,005.1,02,0.05,0008.7,012.5*47
\$GPGBS,080733,3452.5914,N,07439.6096,W,2,9,0.2,4,M,,M,,*6A
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PORT 4 04-06-2014 08:08:36
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PORT 4 04-06-2014 08:08:39
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PORT 4 04-06-2014 08:08:41
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S01_C04_survey.Log

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PORT 5 04-06-2014 08:08:49
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PORT 4 04-06-2014 08:08:49
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PORT 4 04-06-2014 08:08:50

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PORT 4 04-06-2014 08:08:51
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PORT 5 04-06-2014 08:08:52
04363 ms
*
PORT 4 04-06-2014 08:08:52
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PORT 4 04-06-2014 08:08:53
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\$GPGBS,080803,,,,,,*42
\$GPGGA,080804,3452.6216,N,07439.5739,w,2,9,0.3,6,M,,M,,*69
\$HEHDT,44.9,T*16

PORT 4 04-06-2014 08:08:54
\$GPGLL,3452.6216,N,07439.5739,w,080804,A*3E
\$GPRMC,080804,A,3452.6216,N,07439.5739,w,4.8,46.1,060414,11.9,w*71
\$HEHDT,44.7,T*18

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\$GPVTG,46.1,T,58.0,M,4.8,N,8.9,K*4D
\$GPZDA,080804,06,04,2014,00,00*49
\$GPGBS,080804,,,,,,,,*45
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PORT 4 04-06-2014 08:08:55
\$HEHDT,45.0,T*1E
\$GPGLL,3452.6226,N,07439.5727,W,080805,A*33
\$GPRMC,080805,A,3452.6226,N,07439.5727,W,4.8,45.8,060414,11.9,W*76
\$GPVTG,45.8,T,57.7,M,4.8,N,8.9,K*4F
\$HEHDT,44.3,T*1C
\$GPZDA,080805,06,04,2014,00,00*48
\$GPGBS,080805,001.4,000.8,007.2,02,0.05,0011.2,012.5*4F
\$GPGGA,080806,3452.6237,N,07439.5715,W,2,9,0.3,6,M,,M,,*66

PORT 4 04-06-2014 08:08:57
\$HEHDT,44.5,T*1A
\$GPGLL,3452.6237,N,07439.5715,W,080806,A*31
\$GPRMC,080806,A,3452.6237,N,07439.5715,W,4.8,45.4,060414,11.9,W*78
\$GPVTG,45.4,T,57.3,M,4.8,N,8.9,K*47
\$GPZDA,080806,06,04,2014,00,00*4B
\$GPGBS,080806,000.6,000.3,004.5,02,0.05,0008.9,012.5*43
\$HEHDT,44.1,T*1E
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PORT 4 04-06-2014 08:08:58
\$GPGLL,3452.6248,N,07439.5703,W,080807,A*3F
\$HEHDT,44.0,T*1F
\$GPRMC,080807,A,3452.6248,N,07439.5703,W,4.9,44.6,060414,11.9,W*74
\$GPVTG,44.6,T,56.5,M,4.9,N,9.1,K*4B
\$GPZDA,080807,06,04,2014,00,00*4A
\$GPGBS,080807,,,,,,,,*46
\$GPGGA,080808,3452.6256,N,07439.5693,W,2,10,0.2,6,M,,M,,*59
\$HEHDT,43.8,T*10

PORT 4 04-06-2014 08:08:59
\$GPGLL,3452.6256,N,07439.5693,W,080808,A*37
\$HEHDT,43.7,T*1F
\$GPRMC,080808,A,3452.6256,N,07439.5693,W,5.0,43.9,060414,11.9,W*7C
\$GPVTG,43.9,T,55.8,M,5.0,N,9.3,K*47
\$GPZDA,080808,06,04,2014,00,00*45
\$GPGBS,080808,,,,,,,,*49
\$GPGGA,080809,3452.6266,N,07439.5681,W,2,10,0.3,6,M,,M,,*59
\$HEHDT,44.0,T*1F

PORT 4 04-06-2014 08:09:00
\$GPGLL,3452.6266,N,07439.5681,W,080809,A*36
\$GPRMC,080809,A,3452.6266,N,07439.5681,W,4.9,43.7,060414,11.9,W*7B
\$HEHDT,44.1,T*1E
\$GPVTG,43.7,T,55.6,M,4.9,N,9.1,K*4D
\$GPZDA,080809,06,04,2014,00,00*44
\$GPGBS,080809,000.8,000.3,003.9,02,0.05,0011.3,012.5*4B
\$GPGGA,080810,3452.6274,N,07439.5669,W,2,10,0.2,6,M,,M,,*55
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PORT 4 04-06-2014 08:09:01
\$GPGLL,3452.6274,N,07439.5669,W,080810,A*3B
\$GPRMC,080810,A,3452.6274,N,07439.5669,W,4.9,43.8,060414,11.9,W*79
\$HEHDT,44.4,T*1B
\$GPVTG,43.8,T,55.7,M,4.9,N,9.1,K*43
\$GPZDA,080810,06,04,2014,00,00*4C
\$GPGBS,080810,,,,,,,,*40
\$GPGGA,080811,3452.6284,N,07439.5659,W,2,10,0.3,7,M,,M,,*58

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$GPRMC,080811,A,3452.6284,N,07439.5659,W,4.8,44.2,060414,11.9,W*78
$HEHDT,44.3,T*1C
$GPVTG,44.2,T,56.1,M,4.8,N,8.9,K*43
$GPZDA,080811,06,04,2014,00,00*4D
$GPGBS,080811,000.9,000.5,006.4,02,0.05,0009.0,012.5*47
$GPGGA,080812,3452.6294,N,07439.5649,W,2,9,0.3,7,M,,M,,*63
$HEHDT,44.6,T*19
PORT 12000 04-06-2014 08:09:02
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PORT 4 04-06-2014 08:09:04
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$GPVTG,44.3,T,56.2,M,4.8,N,8.9,K*41
$GPZDA,080812,06,04,2014,00,00*4E
$HEHDT,44.6,T*19
$GPGBS,080812,000.8,000.4,005.4,02,0.05,0010.2,012.5*4D
$GPGGA,080813,3452.6302,N,07439.5638,W,2,9,0.3,7,M,,M,,*6A
$GPGLL,3452.6302,N,07439.5638,W,080813,A*3C
$HEHDT,44.4,T*1B
$GPRMC,080813,A,3452.6302,N,07439.5638,W,4.8,44.3,060414,11.9,W*73
$GPVTG,44.3,T,56.2,M,4.8,N,8.9,K*41
$GPZDA,080813,06,04,2014,00,00*4F
$GPGBS,080813,000.8,000.5,005.6,02,0.05,0010.3,012.5*4E
$GPGGA,080814,3452.6313,N,07439.5625,W,2,9,0.3,7,M,,M,,*61
$HEHDT,44.1,T*1E
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PORT 4 04-06-2014 08:09:05
$GPGLL,3452.6313,N,07439.5625,W,080814,A*37
$GPRMC,080814,A,3452.6313,N,07439.5625,W,4.8,44.3,060414,11.9,W*78
$HEHDT,44.3,T*1C
$GPVTG,44.3,T,56.2,M,4.8,N,8.9,K*41
$GPZDA,080814,06,04,2014,00,00*48
$GPGBS,080814,,,,,,*44
$GPGGA,080815,3452.6324,N,07439.5614,W,2,9,0.3,7,M,,M,,*66
$HEHDT,44.1,T*1E
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PORT 4 04-06-2014 08:09:06
$GPGLL,3452.6324,N,07439.5614,W,080815,A*30
$GPRMC,080815,A,3452.6324,N,07439.5614,W,4.8,44.7,060414,11.9,W*7B
$HEHDT,44.2,T*1D
$GPVTG,44.7,T,56.6,M,4.8,N,8.9,K*41
$GPZDA,080815,06,04,2014,00,00*49
$GPGBS,080815,,,,,,*45
$GPGGA,080816,3452.6333,N,07439.5602,W,2,7,0.3,7,M,,M,,*6A
$HEHDT,44.1,T*1E
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PORT 4 04-06-2014 08:09:07
$GPGLL,3452.6333,N,07439.5602,W,080816,A*32
$GPRMC,080816,A,3452.6333,N,07439.5602,W,4.9,45.1,060414,11.9,W*7F
$GPVTG,45.1,T,57.0,M,4.9,N,9.1,K*49
$GPZDA,080816,06,04,2014,00,00*4A
$HEHDT,44.0,T*1F
$GPGBS,080816,,,,,,*46
$GPGGA,080817,3452.6342,N,07439.5591,W,2,7,0.3,7,M,,M,,*64
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PORT 4 04-06-2014 08:09:08
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\$GPRMC,080817,A,3452.6342,N,07439.5591,W,4.9,45.5,060414,11.9,w*75
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\$GPZDA,080817,06,04,2014,00,00*4B
\$GPGBS,080817,,,,,,*47
\$HEHDT,43.9,T*11
\$GPGGA,080818,3452.6353,N,07439.5579,W,2,7,0.3,7,M,,M,,*6D

PORT 4 04-06-2014 08:09:09
\$HEHDT,44.0,T*1F
\$GPGLL,3452.6353,N,07439.5579,W,080818,A*35
\$GPRMC,080818,A,3452.6353,N,07439.5579,W,4.9,45.7,060414,11.9,w*7E
\$GPVTG,45.7,T,57.6,M,4.9,N,9.1,K*49
\$GPZDA,080818,06,04,2014,00,00*44
\$GPGBS,080818,,,,,,*48
\$HEHDT,44.1,T*1E
\$GPGGA,080819,3452.6363,N,07439.5567,W,2,7,0.3,7,M,,M,,*60

PORT 4 04-06-2014 08:09:10
\$HEHDT,44.4,T*1B
\$GPGLL,3452.6363,N,07439.5567,W,080819,A*38
\$GPRMC,080819,A,3452.6363,N,07439.5567,W,4.9,45.5,060414,11.9,w*71
\$GPVTG,45.5,T,57.4,M,4.9,N,9.1,K*49
\$GPZDA,080819,06,04,2014,00,00*45
\$GPGBS,080819,001.0,001.1,005.9,02,0.05,0010.0,012.5*44
\$HEHDT,44.8,T*17
\$GPGGA,080820,3452.6371,N,07439.5558,W,2,9,0.3,7,M,,M,,*6B

PORT 4 04-06-2014 08:09:11
\$GPGLL,3452.6371,N,07439.5558,W,080820,A*3D
\$GPRMC,080820,A,3452.6371,N,07439.5558,W,4.9,44.1,060414,11.9,w*71
\$HEHDT,44.8,T*17
\$GPVTG,44.1,T,56.0,M,4.9,N,9.1,K*49
\$GPZDA,080820,06,04,2014,00,00*4F
\$GPGBS,080820,000.7,000.8,005.2,02,0.05,0010.5,012.5*4E
\$GPGGA,080821,3452.6381,N,07439.5550,W,2,9,0.3,7,M,,M,,*6D
\$HEHDT,44.9,T*16
\$GPGLL,3452.6381,N,07439.5550,W,080821,A*3B
\$GPRMC,080821,A,3452.6381,N,07439.5550,W,4.9,44.1,060414,11.9,w*77
\$GPVTG,44.1,T,56.0,M,4.9,N,9.1,K*49
\$GPZDA,080821,06,04,2014,00,00*4E
\$GPGBS,080821,,,,,,*42
\$HEHDT,44.6,T*19
\$GPGGA,080822,3452.6391,N,07439.5539,W,2,9,0.3,7,M,,M,,*60
PORT 12000 04-06-2014 08:09:11
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PORT 4 04-06-2014 08:09:12
\$HEHDT,44.8,T*17
\$GPGLL,3452.6391,N,07439.5539,W,080822,A*36
\$GPRMC,080822,A,3452.6391,N,07439.5539,W,4.7,43.2,060414,11.9,w*70
\$GPVTG,43.2,T,55.1,M,4.7,N,8.7,K*46
\$GPZDA,080822,06,04,2014,00,00*4D
\$GPGBS,080822,,,,,,*41
\$GPGGA,080823,3452.6400,N,07439.5527,W,2,9,0.3,7,M,,M,,*61
\$HEHDT,44.2,T*1D

PORT 4 04-06-2014 08:09:13
\$HEHDT,44.5,T*1A
\$GPGLL,3452.6400,N,07439.5527,W,080823,A*37
\$GPRMC,080823,A,3452.6400,N,07439.5527,W,4.7,43.0,060414,11.9,w*73
\$GPVTG,43.0,T,54.9,M,4.7,N,8.7,K*4D
\$GPZDA,080823,06,04,2014,00,00*4C
\$GPGBS,080823,,,,,,*40

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\$GPGGA,080824,3452.6409,N,07439.5514,W,2,7,0.3,7,M,,M,,*61
\$HEHDT,44.6,T*19

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PORT 4 04-06-2014 08:09:14

\$GPGLL,3452.6409,N,07439.5514,W,080824,A*39

\$HEHDT,44.2,T*1D

\$GPRMC,080824,A,3452.6409,N,07439.5514,W,4.8,43.7,060414,11.9,W*75

\$GPVTG,43.7,T,55.6,M,4.8,N,8.9,K*45

\$GPZDA,080824,06,04,2014,00,00*4B

\$GPGBS,080824,,,,,,,,*47

\$GPGGA,080825,3452.6417,N,07439.5502,W,2,7,0.3,7,M,,M,,*68

\$HEHDT,44.7,T*18

#

PORT 4 04-06-2014 08:09:15

\$GPGLL,3452.6417,N,07439.5502,W,080825,A*30

\$GPRMC,080825,A,3452.6417,N,07439.5502,W,4.8,44.8,060414,11.9,W*74

\$HEHDT,44.7,T*18

\$GPVTG,44.8,T,56.7,M,4.8,N,8.9,K*4F

\$GPZDA,080825,06,04,2014,00,00*4A

\$GPGBS,080825,,,,,,,,*46

\$GPGGA,080826,3452.6425,N,07439.5490,W,2,7,0.3,7,M,,M,,*60

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PORT 4 04-06-2014 08:09:16

\$HEHDT,44.4,T*1B

\$GPGLL,3452.6425,N,07439.5490,W,080826,A*38

\$GPRMC,080826,A,3452.6425,N,07439.5490,W,4.8,45.9,060414,11.9,W*7C

\$GPVTG,45.9,T,57.8,M,4.8,N,8.9,K*41

\$HEHDT,44.8,T*17

\$GPZDA,080826,06,04,2014,00,00*49

\$GPGBS,080826,,,,,,,,*45

\$GPGGA,080827,3452.6436,N,07439.5476,W,2,7,0.3,7,M,,M,,*6B

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PORT 4 04-06-2014 08:09:17

\$HEHDT,44.9,T*16

\$GPGLL,3452.6436,N,07439.5476,W,080827,A*33

\$GPRMC,080827,A,3452.6436,N,07439.5476,W,4.8,46.5,060414,11.9,W*78

\$GPVTG,46.5,T,58.4,M,4.8,N,8.9,K*4D

\$GPZDA,080827,06,04,2014,00,00*48

\$HEHDT,45.0,T*1E

\$GPGBS,080827,,,,,,,,*44

\$GPGGA,080828,3452.6447,N,07439.5464,W,2,9,0.3,7,M,,M,,*6F

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PORT 4 04-06-2014 08:09:18

\$HEHDT,45.2,T*1C

\$GPGLL,3452.6447,N,07439.5464,W,080828,A*39

\$GPRMC,080828,A,3452.6447,N,07439.5464,W,4.9,45.9,060414,11.9,W*7C

\$GPVTG,45.9,T,57.8,M,4.9,N,9.1,K*49

\$GPZDA,080828,06,04,2014,00,00*47

\$HEHDT,45.5,T*1B

\$GPGBS,080828,,,,,,,,*4B

\$GPGGA,080829,3452.6454,N,07439.5454,W,2,9,0.3,7,M,,M,,*6F

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PORT 4 04-06-2014 08:09:20

\$HEHDT,45.5,T*1B

\$GPGLL,3452.6454,N,07439.5454,W,080829,A*39

\$GPRMC,080829,A,3452.6454,N,07439.5454,W,4.9,45.2,060414,11.9,W*77

\$GPVTG,45.2,T,57.1,M,4.9,N,9.1,K*4B

\$GPZDA,080829,06,04,2014,00,00*46

\$GPGBS,080829,000.7,000.3,004.0,02,0.05,0010.7,012.5*4D

\$HEHDT,45.8,T*16

\$GPGGA,080830,3452.6461,N,07439.5443,W,2,10,0.2,7,M,,M,,*5E

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PORT 4 04-06-2014 08:09:21

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\$HEHDT,45.6,T*18
\$GPRMC,080830,A,3452.6461,N,07439.5443,w,4.8,45.2,060414,11.9,w*7E
\$GPVTG,45.2,T,57.1,M,4.8,N,8.9,K*43
\$GPZDA,080830,06,04,2014,00,00*4E
\$GPGBS,080830,000.8,000.3,005.0,02,0.05,0010.0,012.5*4C
\$GPGGA,080831,3452.6471,N,07439.5431,w,2,10,0.2,7,M,,M,,*5B
\$HEHDT,45.2,T*1C

PORT 4 04-06-2014 08:09:22
\$GPGLL,3452.6471,N,07439.5431,w,080831,A*34
\$HEHDT,45.5,T*1B
\$GPRMC,080831,A,3452.6471,N,07439.5431,w,4.7,45.4,060414,11.9,w*72
\$GPVTG,45.4,T,57.3,M,4.7,N,8.7,K*46
\$GPZDA,080831,06,04,2014,00,00*4F
\$GPGBS,080831,000.8,000.2,004.9,02,0.05,0009.8,012.5*44
\$GPGGA,080832,3452.6480,N,07439.5418,w,2,10,0.2,7,M,,M,,*5D
\$HEHDT,45.6,T*18
PORT 12000 04-06-2014 08:09:22
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PORT 4 04-06-2014 08:09:23
\$GPGLL,3452.6480,N,07439.5418,w,080832,A*32
\$GPRMC,080832,A,3452.6480,N,07439.5418,w,4.7,45.4,060414,11.9,w*74
\$HEHDT,45.4,T*1A
\$GPVTG,45.4,T,57.3,M,4.7,N,8.7,K*46
\$GPZDA,080832,06,04,2014,00,00*4C
\$GPGBS,080832,001.1,000.5,006.8,02,0.05,0009.7,012.5*44
\$GPGGA,080833,3452.6490,N,07439.5408,w,2,10,0.2,7,M,,M,,*5C
\$HEHDT,45.7,T*19

PORT 4 04-06-2014 08:09:24
\$GPGLL,3452.6490,N,07439.5408,w,080833,A*33
\$GPRMC,080833,A,3452.6490,N,07439.5408,w,4.7,45.0,060414,11.9,w*71
\$GPVTG,45.0,T,56.9,M,4.7,N,8.7,K*49
\$GPZDA,080833,06,04,2014,00,00*4D
\$HEHDT,45.6,T*18
\$GPGBS,080833,001.0,000.7,007.2,02,0.05,0009.7,012.5*4D
\$GPGGA,080834,3452.6497,N,07439.5398,w,2,10,0.2,7,M,,M,,*52
\$HEHDT,45.8,T*16

PORT 4 04-06-2014 08:09:26
\$GPGLL,3452.6497,N,07439.5398,w,080834,A*3D
\$GPRMC,080834,A,3452.6497,N,07439.5398,w,4.7,45.0,060414,11.9,w*7F
\$GPVTG,45.0,T,56.9,M,4.7,N,8.7,K*49
\$GPZDA,080834,06,04,2014,00,00*4A
\$GPGBS,080834,000.8,000.2,004.7,02,0.05,0008.1,012.5*47
\$HEHDT,45.9,T*17
\$GPGGA,080835,3452.6505,N,07439.5387,w,2,10,0.2,7,M,,M,,*57
\$GPGLL,3452.6505,N,07439.5387,w,080835,A*38
\$HEHDT,46.0,T*1D
\$GPRMC,080835,A,3452.6505,N,07439.5387,w,4.6,44.8,060414,11.9,w*72
\$GPVTG,44.8,T,56.7,M,4.6,N,8.5,K*4D
\$GPZDA,080835,06,04,2014,00,00*4B
\$GPGBS,080835,000.7,000.3,004.8,02,0.05,0008.2,012.5*44
\$GPGGA,080836,3452.6516,N,07439.5374,w,2,10,0.2,7,M,,M,,*5A
\$HEHDT,46.0,T*1D

PORT 4 04-06-2014 08:09:27
\$GPGLL,3452.6516,N,07439.5374,w,080836,A*35
\$GPRMC,080836,A,3452.6516,N,07439.5374,w,4.5,45.0,060414,11.9,w*75
\$HEHDT,46.3,T*1E
\$GPVTG,45.0,T,56.9,M,4.5,N,8.3,K*4F

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\$GPGBS,080836,,,,,,,,*44
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\$GPVTG,46.7,T,58.6,M,4.8,N,8.9,K*4D
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PORT 4 04-06-2014 08:09:31
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PORT 4 04-06-2014 08:09:40
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PORT 5 04-06-2014 08:09:43
04311 mS
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PORT 4 04-06-2014 08:09:43
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PORT 4 04-06-2014 08:09:45
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PORT 4 04-06-2014 08:09:46
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\$GPGBS,080855,001.0,000.6,006.2,02,0.05,0012.4,012.5*44
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PORT 4 04-06-2014 08:09:49
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PORT 4 04-06-2014 08:09:50
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\$GPGBS,080859,000.7,000.5,005.1,02,0.05,0009.7,012.5*44
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PORT 4 04-06-2014 08:09:51
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PORT 4 04-06-2014 08:09:52
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PORT 4 04-06-2014 08:09:53
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\$HEHDT,45.5,T*1B
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PORT 4 04-06-2014 08:09:54
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\$GPVTG,46.5,T,58.4,M,4.6,N,8.5,K*4F
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PORT 4 04-06-2014 08:09:57
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PORT 4 04-06-2014 08:09:58
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PORT 4 04-06-2014 08:10:00
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$GPRMC,080909,A,3452.6799,N,07439.4992,W,4.6,46.3,060414,11.9,W*7D
$HEHDT,45.0,T*1E
$GPVTG,46.3,T,58.2,M,4.6,N,8.5,K*4F
$GPZDA,080909,06,04,2014,00,00*45
$GPGBS,080909,,,,,,,,*49
$GPGGA,080910,3452.6805,N,07439.4980,W,2,8,0.3,7,M,,M,,*68
$HEHDT,44.8,T*17
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PORT 4 04-06-2014 08:10:01
$GPGLL,3452.6805,N,07439.4980,W,080910,A*3F
$GPRMC,080910,A,3452.6805,N,07439.4980,W,4.7,49.3,060414,11.9,W*72
$GPVTG,49.3,T,61.2,M,4.7,N,8.7,K*49
$GPZDA,080910,06,04,2014,00,00*4D
$GPGBS,080910,002.3,002.4,013.2,02,0.05,0040.3,012.5*40
$HEHDT,44.6,T*19
$GPGGA,080911,3452.6815,N,07439.4968,W,2,8,0.3,7,M,,M,,*6E
$HEHDT,44.6,T*19
$GPGLL,3452.6815,N,07439.4968,W,080911,A*39
$GPRMC,080911,A,3452.6815,N,07439.4968,W,4.7,49.3,060414,11.9,W*74
$GPVTG,49.3,T,61.2,M,4.7,N,8.7,K*49
$GPZDA,080911,06,04,2014,00,00*4C
$GPGBS,080911,,,,,,,,*40
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$GPGGA,080912,3452.6826,N,07439.4957,W,2,9,0.3,7,M,,M,,*60
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PORT 4 04-06-2014 08:10:02
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$GPRMC,080912,A,3452.6826,N,07439.4957,W,4.8,48.0,060414,11.9,W*76
$GPVTG,48.0,T,59.9,M,4.8,N,8.9,K*4A
$GPZDA,080912,06,04,2014,00,00*4F
$GPGBS,080912,,,,,,,,*43
$GPGGA,080913,3452.6837,N,07439.4946,W,2,9,0.3,7,M,,M,,*61
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PORT 4 04-06-2014 08:10:03
$GPGLL,3452.6837,N,07439.4946,W,080913,A*37
$GPRMC,080913,A,3452.6837,N,07439.4946,W,4.8,48.0,060414,11.9,W*77
$HEHDT,44.4,T*1B
$GPVTG,48.0,T,59.9,M,4.8,N,8.9,K*4A
$GPZDA,080913,06,04,2014,00,00*4E
$GPGBS,080913,,,,,,,,*42
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$HEHDT,44.7,T*18

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S01_C04_survey.Log

PORT 4 04-06-2014 08:10:05
\$GPGLL,3452.6847,N,07439.4936,W,080914,A*30
\$GPRMC,080914,A,3452.6847,N,07439.4936,W,4.8,46.6,060414,11.9,W*78
\$GPVTG,46.6,T,58.5,M,4.8,N,8.9,K*4F
\$HEHDT,44.5,T*1A
\$GPZDA,080914,06,04,2014,00,00*49
\$GPGBS,080914,,,,,,,,*45
\$GPGGA,080915,3452.6858,N,07439.4926,W,2,10,0.3,7,M,,M,,*50

PORT 4 04-06-2014 08:10:06
\$HEHDT,44.1,T*1E
\$GPGLL,3452.6858,N,07439.4926,W,080915,A*3E
\$GPRMC,080915,A,3452.6858,N,07439.4926,W,4.8,45.1,060414,11.9,W*72
\$GPVTG,45.1,T,57.0,M,4.8,N,8.9,K*41
\$GPZDA,080915,06,04,2014,00,00*48
\$HEHDT,44.1,T*1E
\$GPGBS,080915,,,,,,,,*44
\$GPGGA,080916,3452.6868,N,07439.4913,W,2,9,0.3,7,M,,M,,*6E

PORT 4 04-06-2014 08:10:07
\$HEHDT,44.0,T*1F
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\$GPRMC,080916,A,3452.6868,N,07439.4913,W,4.7,44.1,060414,11.9,W*7A
\$GPVTG,44.1,T,56.0,M,4.7,N,8.7,K*40
\$GPZDA,080916,06,04,2014,00,00*4B
\$GPGBS,080916,,,,,,,,*47
\$GPGGA,080917,3452.6877,N,07439.4900,W,2,9,0.2,7,M,,M,,*62
\$HEHDT,44.1,T*1E

PORT 4 04-06-2014 08:10:08
\$GPGLL,3452.6877,N,07439.4900,W,080917,A*35
\$HEHDT,43.8,T*10
\$GPRMC,080917,A,3452.6877,N,07439.4900,W,4.8,44.0,060414,11.9,W*79
\$GPVTG,44.0,T,55.9,M,4.8,N,8.9,K*4A
\$GPZDA,080917,06,04,2014,00,00*4A
\$GPGBS,080917,,,,,,,,*46
\$GPGGA,080918,3452.6886,N,07439.4887,W,2,9,0.3,7,M,,M,,*6C
\$HEHDT,43.7,T*1F

PORT 4 04-06-2014 08:10:09
\$GPGLL,3452.6886,N,07439.4887,W,080918,A*3A
\$GPRMC,080918,A,3452.6886,N,07439.4887,W,4.9,44.9,060414,11.9,W*7E
\$HEHDT,43.4,T*1C
\$GPVTG,44.9,T,56.8,M,4.9,N,9.1,K*49
\$GPZDA,080918,06,04,2014,00,00*45
\$GPGBS,080918,,,,,,,,*49
\$GPGGA,080919,3452.6894,N,07439.4875,W,2,9,0.2,7,M,,M,,*62
\$HEHDT,43.6,T*1E

PORT 4 04-06-2014 08:10:10
\$GPGLL,3452.6894,N,07439.4875,W,080919,A*35
\$GPRMC,080919,A,3452.6894,N,07439.4875,W,4.9,45.9,060414,11.9,W*70
\$HEHDT,43.5,T*1D
\$GPVTG,45.9,T,57.8,M,4.9,N,9.1,K*49
\$GPZDA,080919,06,04,2014,00,00*44
\$GPGBS,080919,,,,,,,,*48
\$GPGGA,080920,3452.6902,N,07439.4863,W,2,10,0.3,7,M,,M,,*58
\$HEHDT,43.4,T*1C

PORT 4 04-06-2014 08:10:11
\$GPGLL,3452.6902,N,07439.4863,W,080920,A*36
\$GPRMC,080920,A,3452.6902,N,07439.4863,W,4.8,47.0,060414,11.9,W*79

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\$GPVTG,47.0,T,58.9,M,4.8,N,8.9,K*44
\$HEHDT,43.6,T*1E
\$GPZDA,080920,06,04,2014,00,00*4E
\$GPGBS,080920,,,,,,,,*42
\$GPGGA,080921,3452.6913,N,07439.4851,W,2,10,0.3,7,M,,M,,*58
\$HEHDT,43.8,T*10

PORT 4 04-06-2014 08:10:12
\$GPGLL,3452.6913,N,07439.4851,W,080921,A*36
\$GPRMC,080921,A,3452.6913,N,07439.4851,W,4.8,47.0,060414,11.9,w*79
\$GPVTG,47.0,T,58.9,M,4.8,N,8.9,K*44
\$HEHDT,43.6,T*1E
\$GPZDA,080921,06,04,2014,00,00*4F
\$GPGBS,080921,,,,,,,,*43
\$GPGGA,080922,3452.6924,N,07439.4840,W,2,9,0.2,7,M,,M,,*66
\$HEHDT,43.3,T*1B
\$GPGLL,3452.6924,N,07439.4840,W,080922,A*31
\$GPRMC,080922,A,3452.6924,N,07439.4840,W,4.8,45.6,060414,11.9,w*7A
\$GPVTG,45.6,T,57.5,M,4.8,N,8.9,K*43
\$GPZDA,080922,06,04,2014,00,00*4C
\$GPGBS,080922,001.2,000.6,007.5,02,0.05,0016.0,012.5*41
\$GPGGA,080923,3452.6934,N,07439.4831,W,2,9,0.2,7,M,,M,,*60
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PORT 12000 04-06-2014 08:10:12
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PORT 4 04-06-2014 08:10:14
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\$GPGLL,3452.6934,N,07439.4831,W,080923,A*37
\$GPRMC,080923,A,3452.6934,N,07439.4831,W,4.8,44.3,060414,11.9,w*78
\$GPVTG,44.3,T,56.2,M,4.8,N,8.9,K*41
\$GPZDA,080923,06,04,2014,00,00*4D
\$GPGBS,080923,,,,,,,,*41
\$GPGGA,080924,3452.6945,N,07439.4821,W,2,10,0.2,7,M,,M,,*58
\$HEHDT,43.1,T*19

PORT 4 04-06-2014 08:10:15
\$GPGLL,3452.6945,N,07439.4821,W,080924,A*37
\$GPRMC,080924,A,3452.6945,N,07439.4821,W,4.8,43.2,060414,11.9,w*7E
\$HEHDT,42.7,T*1E
\$GPVTG,43.2,T,55.1,M,4.8,N,8.9,K*47
\$GPZDA,080924,06,04,2014,00,00*4A
\$GPGBS,080924,,,,,,,,*46
\$GPGGA,080925,3452.6955,N,07439.4809,W,2,10,0.2,7,M,,M,,*52
\$HEHDT,42.9,T*10

PORT 4 04-06-2014 08:10:16
\$GPGLL,3452.6955,N,07439.4809,W,080925,A*3D
\$GPRMC,080925,A,3452.6955,N,07439.4809,W,4.8,43.0,060414,11.9,w*76
\$HEHDT,42.4,T*1D
\$GPVTG,43.0,T,54.9,M,4.8,N,8.9,K*4C
\$GPZDA,080925,06,04,2014,00,00*4B
\$GPGBS,080925,,,,,,,,*47
\$GPGGA,080926,3452.6964,N,07439.4796,W,2,10,0.2,7,M,,M,,*5A

PORT 4 04-06-2014 08:10:17
\$HEHDT,42.5,T*1C
\$GPGLL,3452.6964,N,07439.4796,W,080926,A*35
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\$GPVTG,43.9,T,55.8,M,4.9,N,9.1,K*4D
\$GPZDA,080926,06,04,2014,00,00*48
\$HEHDT,42.1,T*18
\$GPGBS,080926,,,,,,,,*44

S01_C04_survey.Log

\$GPGGA,080927,3452.6974,N,07439.4782,W,2,10,0.2,7,M,,M,,*5F

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PORT 4 04-06-2014 08:10:18

\$HEHDT,42.1,T*18

\$GPGLL,3452.6974,N,07439.4782,W,080927,A*30

\$GPRMC,080927,A,3452.6974,N,07439.4782,W,4.9,45.2,060414,11.9,W*7E

\$GPVTG,45.2,T,57.1,M,4.9,N,9.1,K*4B

\$GPZDA,080927,06,04,2014,00,00*49

\$GPGBS,080927,,,,,*45

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\$GPGGA,080928,3452.6984,N,07439.4770,W,2,10,0.2,7,M,,M,,*52

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PORT 4 04-06-2014 08:10:19

\$GPGLL,3452.6984,N,07439.4770,W,080928,A*3D

\$HEHDT,42.3,T*1A

\$GPRMC,080928,A,3452.6984,N,07439.4770,W,5.0,45.3,060414,11.9,W*7A

\$GPVTG,45.3,T,57.2,M,5.0,N,9.3,K*43

\$GPZDA,080928,06,04,2014,00,00*46

\$GPGBS,080928,,,,,*4A

\$GPGGA,080929,3452.6995,N,07439.4759,W,2,10,0.2,7,M,,M,,*58

\$HEHDT,42.3,T*1A

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PORT 4 04-06-2014 08:10:20

\$GPGLL,3452.6995,N,07439.4759,W,080929,A*37

\$GPRMC,080929,A,3452.6995,N,07439.4759,W,4.9,44.4,060414,11.9,W*7E

\$HEHDT,42.6,T*1F

\$GPVTG,44.4,T,56.3,M,4.9,N,9.1,K*4F

\$GPZDA,080929,06,04,2014,00,00*47

\$GPGBS,080929,,,,,*4B

\$GPGGA,080930,3452.7005,N,07439.4750,W,2,10,0.2,7,M,,M,,*58

\$HEHDT,42.9,T*10

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PORT 4 04-06-2014 08:10:21

\$GPGLL,3452.7005,N,07439.4750,W,080930,A*37

\$GPRMC,080930,A,3452.7005,N,07439.4750,W,4.9,44.4,060414,11.9,W*7E

\$GPVTG,44.4,T,56.3,M,4.9,N,9.1,K*4F

\$HEHDT,42.8,T*11

\$GPZDA,080930,06,04,2014,00,00*4F

\$GPGBS,080930,,,,,*43

\$GPGGA,080931,3452.7014,N,07439.4740,W,2,10,0.2,7,M,,M,,*58

\$HEHDT,42.9,T*10

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PORT 4 04-06-2014 08:10:22

\$GPGLL,3452.7014,N,07439.4740,W,080931,A*37

\$GPRMC,080931,A,3452.7014,N,07439.4740,W,4.8,42.7,060414,11.9,W*7A

\$GPVTG,42.7,T,54.6,M,4.8,N,8.9,K*45

\$HEHDT,42.4,T*1D

\$GPZDA,080931,06,04,2014,00,00*4E

\$GPGBS,080931,,,,,*42

\$GPGGA,080932,3452.7025,N,07439.4729,W,2,10,0.2,7,M,,M,,*56

\$HEHDT,42.3,T*1A

\$GPGLL,3452.7025,N,07439.4729,W,080932,A*39

\$GPRMC,080932,A,3452.7025,N,07439.4729,W,4.9,42.5,060414,11.9,W*77

\$GPVTG,42.5,T,54.4,M,4.9,N,9.1,K*4D

\$GPZDA,080932,06,04,2014,00,00*4D

\$GPGBS,080932,,,,,*41

\$GPGGA,080933,3452.7036,N,07439.4717,W,2,10,0.2,7,M,,M,,*58

\$HEHDT,41.8,T*12

PORT 12000 04-06-2014 08:10:22

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:10:23

\$HEHDT,41.9,T*13

S01_C04_survey.Log

\$GPGLL,3452.7036,N,07439.4717,W,080933,A*37
\$GPRMC,080933,A,3452.7036,N,07439.4717,W,4.9,42.8,060414,11.9,W*74
\$GPVTG,42.8,T,54.7,M,4.9,N,9.1,K*43
\$GPZDA,080933,06,04,2014,00,00*4C
\$GPGBS,080933,,,,,,,,*40
\$GPGBS,080934,3452.7045,N,07439.4706,W,2,10,0.2,7,M,,M,,*5B
\$HEHDT,41.9,T*13

PORT 4 04-06-2014 08:10:24
\$GPGLL,3452.7045,N,07439.4706,W,080934,A*34
\$GPRMC,080934,A,3452.7045,N,07439.4706,W,4.9,43.2,060414,11.9,W*7C
\$HEHDT,42.1,T*18
\$GPVTG,43.2,T,55.1,M,4.9,N,9.1,K*4F
\$GPZDA,080934,06,04,2014,00,00*4B
\$GPGBS,080934,,,,,,,,*47
\$GPGBS,080935,3452.7054,N,07439.4693,W,2,10,0.2,7,M,,M,,*57
\$HEHDT,41.8,T*12

PORT 4 04-06-2014 08:10:26
\$GPGLL,3452.7054,N,07439.4693,W,080935,A*38
\$GPRMC,080935,A,3452.7054,N,07439.4693,W,4.9,43.2,060414,11.9,W*70
\$HEHDT,42.1,T*18
\$GPVTG,43.2,T,55.1,M,4.9,N,9.1,K*4F
\$GPZDA,080935,06,04,2014,00,00*4A
\$GPGBS,080935,,,,,,,,*46
\$GPGBS,080936,3452.7064,N,07439.4680,W,2,10,0.2,7,M,,M,,*55
\$HEHDT,42.2,T*1B

PORT 4 04-06-2014 08:10:27
\$GPGLL,3452.7064,N,07439.4680,W,080936,A*3A
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\$GPVTG,44.7,T,56.6,M,4.9,N,9.1,K*49
\$GPZDA,080936,06,04,2014,00,00*49
\$HEHDT,42.4,T*1D
\$GPGBS,080936,,,,,,,,*45
\$GPGBS,080937,3452.7076,N,07439.4668,W,2,10,0.2,7,M,,M,,*51
\$HEHDT,42.4,T*1D

PORT 5 04-06-2014 08:10:29
IN
PORT 4 04-06-2014 08:10:29
\$GPRMC,080937,A,3452.7076,N,07439.4668,W,4.9,44.7,060414,11.9,W*74
\$GPVTG,44.7,T,56.6,M,4.9,N,9.1,K*49
\$GPZDA,080937,06,04,2014,00,00*48
\$GPGBS,080937,,,,,,,,*44
\$HEHDT,42.8,T*11
\$GPGBS,080938,3452.7086,N,07439.4658,W,2,9,0.3,7,M,,M,,*6B
\$HEHDT,42.9,T*10
\$GPGLL,3452.7086,N,07439.4658,W,080938,A*3D
\$GPRMC,080938,A,3452.7086,N,07439.4658,W,5.0,44.4,060414,11.9,W*7C
\$GPVTG,44.4,T,56.3,M,5.0,N,9.3,K*45
\$GPZDA,080938,06,04,2014,00,00*47
\$GPGBS,080938,,,,,,,,*4B
\$GPGBS,080939,3452.7096,N,07439.4647,W,2,9,0.2,7,M,,M,,*64
\$HEHDT,42.8,T*11

PORT 4 04-06-2014 08:10:30
\$HEHDT,42.7,T*1E
\$GPGLL,3452.7096,N,07439.4647,W,080939,A*33
\$GPRMC,080939,A,3452.7096,N,07439.4647,W,4.9,43.2,060414,11.9,W*7B
\$GPVTG,43.2,T,55.1,M,4.9,N,9.1,K*4F
\$GPZDA,080939,06,04,2014,00,00*46
\$GPGBS,080939,,,,,,,,*4A

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\$GPGGA,080940,3452.7107,N,07439.4636,W,2,10,0.3,7,M,,M,,*5C
\$HEHDT,42.5,T*1C

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PORT 4 04-06-2014 08:10:31

\$GPGLL,3452.7107,N,07439.4636,W,080940,A*32
\$GPRMC,080940,A,3452.7107,N,07439.4636,W,4.9,42.5,060414,11.9,W*7C
\$HEHDT,42.3,T*1A
\$GPVTG,42.5,T,54.4,M,4.9,N,9.1,K*4D
\$GPZDA,080940,06,04,2014,00,00*48
\$GPGBS,080940,,,,,,,,*44
\$GPGGA,080941,3452.7118,N,07439.4625,W,2,10,0.3,7,M,,M,,*51
\$HEHDT,42.5,T*1C

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PORT 5 04-06-2014 08:10:32

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PORT 4 04-06-2014 08:10:32

\$GPGLL,3452.7118,N,07439.4625,W,080941,A*3F
\$GPRMC,080941,A,3452.7118,N,07439.4625,W,4.9,42.1,060414,11.9,W*75
\$HEHDT,42.5,T*1C
\$GPVTG,42.1,T,54.0,M,4.9,N,9.1,K*4D
\$GPZDA,080941,06,04,2014,00,00*49
\$GPGBS,080941,,,,,,,,*45
\$GPGGA,080942,3452.7128,N,07439.4614,W,2,9,0.3,7,M,,M,,*6B
\$HEHDT,42.7,T*1E

PORT 12000 04-06-2014 08:10:32

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:10:33

\$GPGLL,3452.7128,N,07439.4614,W,080942,A*3D
\$GPRMC,080942,A,3452.7128,N,07439.4614,W,4.9,42.1,060414,11.9,W*77
\$GPVTG,42.1,T,54.0,M,4.9,N,9.1,K*4D
\$GPZDA,080942,06,04,2014,00,00*4A
\$HEHDT,42.7,T*1E
\$GPGBS,080942,,,,,,,,*46
\$GPGGA,080943,3452.7137,N,07439.4603,W,2,9,0.3,7,M,,M,,*62
\$HEHDT,42.4,T*1D

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PORT 4 04-06-2014 08:10:34

\$GPGLL,3452.7137,N,07439.4603,W,080943,A*34
\$GPRMC,080943,A,3452.7137,N,07439.4603,W,4.9,42.4,060414,11.9,W*7B
\$GPVTG,42.4,T,54.3,M,4.9,N,9.1,K*4B
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\$HEHDT,42.6,T*1F

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PORT 4 04-06-2014 08:10:36

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\$HEHDT,42.5,T*1C

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\$HEHDT,42.8,T*11
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\$GPZDA,080947,06,04,2014,00,00*4F
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\$GPVTG,43.9,T,55.8,M,5.0,N,9.3,K*47
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PORT 4 04-06-2014 08:10:42
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\$GPGBS,080953,,,,,,,,*46
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PORT 4 04-06-2014 08:10:46
\$GPGLL,3452.7247,N,07439.4472,W,080954,A*32
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\$GPRMC,080955,A,3452.7256,N,07439.4459,W,5.0,44.0,060414,11.9,W*7F
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PORT 4 04-06-2014 08:10:47
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\$GPRMC,080956,A,3452.7256,N,07439.4459,W,5.0,45.2,060414,11.9,W*7F
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\$GPVTG,45.2,T,57.1,M,5.0,N,9.3,K*41
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\$GPVTG,44.5,T,56.4,M,5.0,N,9.3,K*43
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PORT 4 04-06-2014 08:10:49
\$GPGLL,3452.7278,N,07439.4427,W,080958,A*32
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\$HEHDT,42.8,T*11
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\$GPGBS,081000,,,,,,,,*48
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PORT 4 04-06-2014 08:10:52
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\$HEHDT,43.0,T*18
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\$GPGBS,081002,,,,,,,,*4A
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PORT 4 04-06-2014 08:10:54
\$GPGLL,3452.7336,N,07439.4365,W,081003,A*3E
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\$GPVTG,43.7,T,55.6,M,5.0,N,9.3,K*47
\$HEHDT,43.4,T*1C
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\$GPGBS,081003,,,,,,,,*4B
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\$HEHDT,43.1,T*19

PORT 4 04-06-2014 08:10:55
\$GPGLL,3452.7346,N,07439.4354,W,081004,A*3C
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\$GPVTG,43.7,T,55.6,M,5.0,N,9.3,K*47
\$GPZDA,081004,06,04,2014,00,00*40
\$GPGBS,081004,,,,,,,,*4C
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\$GPGGA,081005,3452.7357,N,07439.4341,W,2,6,0.3,6,M,,M,,*61

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$GPGBS,081005,,,,,,,,*4D
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$GPRMC,081006,A,3452.7368,N,07439.4329,W,5.1,43.8,060414,11.9,W*73
$GPVTG,43.8,T,55.7,M,5.1,N,9.4,K*4F
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$HEHDT,44.5,T*1A
$GPVTG,44.1,T,56.0,M,4.9,N,9.1,K*49
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PORT 4 04-06-2014 08:11:00
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$GPVTG,44.6,T,56.5,M,4.9,N,9.1,K*4B
$HEHDT,43.9,T*11
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$GPGGA,081011,3452.7419,N,07439.4269,W,2,10,0.3,6,M,,M,,*55
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$GPGLL,3452.7419,N,07439.4269,W,081011,A*3A
$GPRMC,081011,A,3452.7419,N,07439.4269,W,5.1,45.3,060414,11.9,W*7C
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PORT 4 04-06-2014 08:11:04
\$GPGLL,3452.7440,N,07439.4246,W,081013,A*39
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\$GPRMC,081013,A,3452.7440,N,07439.4246,W,5.0,44.2,060414,11.9,W*7E
\$GPVTG,44.2,T,56.1,M,5.0,N,9.3,K*41
\$GPZDA,081013,06,04,2014,00,00*46
\$GPGBS,081013,000.8,000.2,004.8,02,0.05,0011.5,012.5*48
\$GPGGA,081014,3452.7451,N,07439.4234,W,2,9,0.3,5,M,,M,,*6F
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PORT 4 04-06-2014 08:11:05
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\$HEHDT,44.8,T*17
\$GPVTG,44.0,T,55.9,M,5.0,N,9.3,K*48
\$GPZDA,081014,06,04,2014,00,00*41
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PORT 4 04-06-2014 08:11:06
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\$GPVTG,43.8,T,55.7,M,5.0,N,9.3,K*49
\$GPZDA,081016,06,04,2014,00,00*43
\$GPGBS,081016,000.6,000.2,004.8,02,0.05,0010.9,012.5*4E
\$GPGGA,081017,3452.7477,N,07439.4202,W,2,10,0.3,5,M,,M,,*55
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PORT 4 04-06-2014 08:11:08
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\$GPGLL,3452.7477,N,07439.4202,W,081017,A*39
\$GPRMC,081017,A,3452.7477,N,07439.4202,W,4.8,44.2,060414,11.9,W*77
\$GPVTG,44.2,T,56.1,M,4.8,N,8.9,K*43
\$GPZDA,081017,06,04,2014,00,00*42
\$GPGBS,081017,,,,,,*4E
\$HEHDT,44.0,T*1F
\$GPGGA,081018,3452.7487,N,07439.4189,W,2,9,0.3,5,M,,M,,*6D

S01_C04_survey.Log

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PORT 4 04-06-2014 08:11:09
$GPGLL,3452.7487,N,07439.4189,W,081018,A*39
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$GPVTG,44.2,T,56.1,M,4.8,N,8.9,K*43
$GPZDA,081018,06,04,2014,00,00*4D
$GPGBS,081018,000.6,000.3,004.6,02,0.05,0010.7,012.5*41
$GPGGA,081019,3452.7498,N,07439.4175,W,2,9,0.2,5,M,,M,,*60
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PORT 4 04-06-2014 08:11:10
$GPGLL,3452.7498,N,07439.4175,W,081019,A*35
$GPRMC,081019,A,3452.7498,N,07439.4175,W,4.8,45.1,060414,11.9,W*79
$HEHDT,43.7,T*1F
$GPVTG,45.1,T,57.0,M,4.8,N,8.9,K*41
$GPZDA,081019,06,04,2014,00,00*4C
$GPGBS,081019,001.3,000.8,006.7,02,0.05,0011.1,012.5*4B
$GPGGA,081020,3452.7509,N,07439.4163,W,2,9,0.3,5,M,,M,,*65
$HEHDT,43.7,T*1F
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PORT 4 04-06-2014 08:11:11
$GPGLL,3452.7509,N,07439.4163,W,081020,A*31
$GPRMC,081020,A,3452.7509,N,07439.4163,W,5.0,45.4,060414,11.9,W*71
$GPVTG,45.4,T,57.3,M,5.0,N,9.3,K*45
$GPZDA,081020,06,04,2014,00,00*46
$HEHDT,44.1,T*1E
$GPGBS,081020,,,,,,,,*4A
$GPGGA,081021,3452.7518,N,07439.4153,W,2,9,0.3,5,M,,M,,*67
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PORT 4 04-06-2014 08:11:12
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$GPGLL,3452.7518,N,07439.4153,W,081021,A*33
$GPRMC,081021,A,3452.7518,N,07439.4153,W,5.0,45.0,060414,11.9,W*77
$GPVTG,45.0,T,56.9,M,5.0,N,9.3,K*4A
$GPZDA,081021,06,04,2014,00,00*47
$GPGBS,081021,,,,,,,,*4B
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PORT 12000 04-06-2014 08:11:12
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PORT 4 04-06-2014 08:11:13
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PORT 4 04-06-2014 08:11:14
$GPGLL,3452.7540,N,07439.4129,W,081023,A*31
$HEHDT,44.1,T*1E
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$GPVTG,44.2,T,56.1,M,4.9,N,9.1,K*4B
$GPZDA,081023,06,04,2014,00,00*45
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$GPGGA,081024,3452.7551,N,07439.4117,W,2,9,0.3,5,M,,M,,*6F
$HEHDT,44.0,T*1F
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PORT 5 04-06-2014 08:11:15
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S01_C04_survey.Log

IN

PORT 4 04-06-2014 08:11:15

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 \$GPVTG,44.2,T,56.1,M,4.9,N,9.1,K*4B
 \$GPZDA,081023,06,04,2014,00,00*45
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 \$GPGGA,081024,3452.7551,N,07439.4117,W,2,9,0.3,5,M,,M,,*6F
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 \$GPRMC,081024,A,3452.7551,N,07439.4117,W,5.0,44.0,060414,11.9,W*7E
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 \$GPVTG,44.0,T,55.9,M,5.0,N,9.3,K*48
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PORT 4 04-06-2014 08:11:16

\$GPGLL,3452.7540,N,07439.4129,W,081023,A*31
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 \$GPRMC,081023,A,3452.7540,N,07439.4129,W,4.9,44.2,060414,11.9,W*7E
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 \$GPGGA,081024,3452.7551,N,07439.4117,W,2,9,0.3,5,M,,M,,*6F
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 \$HEHDT,43.9,T*11
 \$GPVTG,44.0,T,55.9,M,5.0,N,9.3,K*48
 \$GPZDA,081024,06,04,2014,00,00*42
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 \$GPGGA,081025,3452.7560,N,07439.4106,W,2,9,0.3,5,M,,M,,*6C
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 \$GPGLL,3452.7560,N,07439.4106,W,081025,A*38
 \$GPRMC,081025,A,3452.7560,N,07439.4106,W,5.0,44.0,060414,11.9,W*7D
 \$HEHDT,44.1,T*1E
 \$GPVTG,44.0,T,55.9,M,5.0,N,9.3,K*48
 \$GPZDA,081025,06,04,2014,00,00*43
 \$GPGBS,081025,,,,,,,,*4F
 \$GPGGA,081026,3452.7570,N,07439.4095,W,2,8,0.3,5,M,,M,,*64
 \$HEHDT,43.6,T*1E
 \$GPGLL,3452.7570,N,07439.4095,W,081026,A*31
 \$GPRMC,081026,A,3452.7570,N,07439.4095,W,4.9,43.8,060414,11.9,W*73
 \$GPVTG,43.8,T,55.7,M,4.9,N,9.1,K*43
 \$GPZDA,081026,06,04,2014,00,00*40
 \$GPGBS,081026,001.4,000.1,005.7,02,0.05,0010.4,012.5*4E
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PORT 4 04-06-2014 08:11:17

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 \$GPGBS,081027,,,,,,,,*4D
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 \$GPGGA,081028,3452.7588,N,07439.4071,W,2,9,0.3,5,M,,M,,*66

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PORT 5 04-06-2014 08:11:19

04225 ms

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PORT 4 04-06-2014 08:11:19

\$GPGLL,3452.7588,N,07439.4071,W,081028,A*32

\$HEHDT,43.3,T*1B

\$GPRMC,081028,A,3452.7588,N,07439.4071,W,4.9,44.4,060414,11.9,W*7B

\$GPVTG,44.4,T,56.3,M,4.9,N,9.1,K*4F

\$GPZDA,081028,06,04,2014,00,00*4E

\$GPGBS,081028,001.5,000.1,006.3,02,0.05,0011.5,012.5*46

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\$HEHDT,43.1,T*19

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PORT 4 04-06-2014 08:11:20

\$GPGLL,3452.7598,N,07439.4061,W,081029,A*33

\$HEHDT,43.5,T*1D

\$GPRMC,081029,A,3452.7598,N,07439.4061,W,4.9,44.4,060414,11.9,W*7A

\$GPVTG,44.4,T,56.3,M,4.9,N,9.1,K*4F

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\$GPGBS,081029,,,,,,*43

\$GPGGA,081030,3452.7607,N,07439.4049,W,2,9,0.3,5,M,,M,,*60

\$HEHDT,43.1,T*19

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PORT 4 04-06-2014 08:11:21

\$GPGLL,3452.7607,N,07439.4049,W,081030,A*34

\$GPRMC,081030,A,3452.7607,N,07439.4049,W,4.9,44.1,060414,11.9,W*78

\$GPVTG,44.1,T,56.0,M,4.9,N,9.1,K*49

\$HEHDT,43.0,T*18

\$GPZDA,081030,06,04,2014,00,00*47

\$GPGBS,081030,001.2,000.0,005.3,02,0.05,0010.5,012.5*4B

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\$HEHDT,42.6,T*1F

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PORT 4 04-06-2014 08:11:22

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\$GPRMC,081031,A,3452.7617,N,07439.4037,W,4.9,44.0,060414,11.9,W*70

\$GPVTG,44.0,T,55.9,M,4.9,N,9.1,K*42

\$GPZDA,081031,06,04,2014,00,00*46

\$HEHDT,42.7,T*1E

\$GPGBS,081031,,,,,,*4A

\$GPGGA,081032,3452.7628,N,07439.4025,W,2,10,0.2,5,M,,M,,*5C

\$HEHDT,42.5,T*1C

\$GPGLL,3452.7628,N,07439.4025,W,081032,A*31

\$GPRMC,081032,A,3452.7628,N,07439.4025,W,4.9,44.1,060414,11.9,W*7D

\$GPVTG,44.1,T,56.0,M,4.9,N,9.1,K*49

\$GPZDA,081032,06,04,2014,00,00*45

\$GPGBS,081032,,,,,,*49

\$GPGGA,081033,3452.7638,N,07439.4014,W,2,10,0.2,5,M,,M,,*5E

\$HEHDT,43.1,T*19

PORT 12000 04-06-2014 08:11:22

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:11:23

\$GPGLL,3452.7638,N,07439.4014,W,081033,A*33

\$HEHDT,42.9,T*10

\$GPRMC,081033,A,3452.7638,N,07439.4014,W,4.9,44.2,060414,11.9,W*7C

\$GPVTG,44.2,T,56.1,M,4.9,N,9.1,K*4B

\$GPZDA,081033,06,04,2014,00,00*44

\$GPGBS,081033,,,,,,*48

\$GPGGA,081034,3452.7648,N,07439.4003,W,2,9,0.3,5,M,,M,,*61

\$HEHDT,43.4,T*1C

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PORT 4 04-06-2014 08:11:25

S01_C04_survey.Log

\$GPGLL,3452.7648,N,07439.4003,W,081034,A*35
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\$HEHDT,43.3,T*1B
\$GPVTG,43.9,T,55.8,M,4.9,N,9.1,K*4D
\$GPZDA,081034,06,04,2014,00,00*43
\$GPGBS,081034,,,,,,,,*4F
\$GPGGA,081035,3452.7657,N,07439.3992,W,2,9,0.2,5,M,,M,,*69
\$HEHDT,42.8,T*11

PORT 4 04-06-2014 08:11:26
\$GPGLL,3452.7657,N,07439.3992,W,081035,A*3C
\$GPRMC,081035,A,3452.7657,N,07439.3992,W,4.9,43.5,060414,11.9,w*73
\$GPVTG,43.5,T,55.4,M,4.9,N,9.1,K*4D
\$HEHDT,42.9,T*10
\$GPZDA,081035,06,04,2014,00,00*42
\$GPGBS,081035,,,,,,,,*4E
\$GPGGA,081036,3452.7668,N,07439.3980,W,2,10,0.2,5,M,,M,,*5D
\$HEHDT,43.1,T*19

PORT 4 04-06-2014 08:11:27
\$GPGLL,3452.7668,N,07439.3980,W,081036,A*30
\$GPRMC,081036,A,3452.7668,N,07439.3980,W,4.9,43.2,060414,11.9,w*78
\$GPVTG,43.2,T,55.1,M,4.9,N,9.1,K*4F
\$GPZDA,081036,06,04,2014,00,00*41
\$HEHDT,43.5,T*1D
\$GPGBS,081036,,,,,,,,*4D
\$GPGGA,081037,3452.7679,N,07439.3967,W,2,10,0.3,5,M,,M,,*54

PORT 4 04-06-2014 08:11:28
\$HEHDT,43.0,T*18
\$GPGLL,3452.7679,N,07439.3967,W,081037,A*38
\$GPRMC,081037,A,3452.7679,N,07439.3967,W,5.0,43.2,060414,11.9,w*78
\$GPVTG,43.2,T,55.1,M,5.0,N,9.3,K*45
\$GPZDA,081037,06,04,2014,00,00*40
\$GPGBS,081037,,,,,,,,*4C
\$GPGGA,081038,3452.7689,N,07439.3955,W,2,10,0.2,5,M,,M,,*54
\$HEHDT,43.4,T*1C

PORT 4 04-06-2014 08:11:29
\$GPGLL,3452.7689,N,07439.3955,W,081038,A*39
\$HEHDT,42.9,T*10
\$GPRMC,081038,A,3452.7689,N,07439.3955,W,5.0,43.4,060414,11.9,w*7F
\$GPVTG,43.4,T,55.3,M,5.0,N,9.3,K*41
\$GPZDA,081038,06,04,2014,00,00*4F
\$GPGBS,081038,,,,,,,,*43
\$GPGGA,081039,3452.7697,N,07439.3944,W,2,10,0.3,5,M,,M,,*5B
\$HEHDT,43.1,T*19

PORT 4 04-06-2014 08:11:30
\$GPGLL,3452.7697,N,07439.3944,W,081039,A*37
\$GPRMC,081039,A,3452.7697,N,07439.3944,W,5.0,44.1,060414,11.9,w*73
\$HEHDT,43.0,T*18
\$GPVTG,44.1,T,56.0,M,5.0,N,9.3,K*43
\$GPZDA,081039,06,04,2014,00,00*4E
\$GPGBS,081039,,,,,,,,*42
\$GPGGA,081040,3452.7708,N,07439.3932,W,2,9,0.3,5,M,,M,,*6B
\$HEHDT,42.8,T*11

PORT 4 04-06-2014 08:11:31
\$GPGLL,3452.7708,N,07439.3932,W,081040,A*3F
\$GPRMC,081040,A,3452.7708,N,07439.3932,W,4.9,44.5,060414,11.9,w*77
\$GPVTG,44.5,T,56.4,M,4.9,N,9.1,K*49
\$HEHDT,43.0,T*18

S01_C04_survey.Log

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$GPZDA,081040,06,04,2014,00,00*40
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$HEHDT,42.9,T*10
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PORT 4 04-06-2014 08:11:32
$GPGLL,3452.7719,N,07439.3921,W,081041,A*3C
$GPRMC,081041,A,3452.7719,N,07439.3921,W,4.9,43.9,060414,11.9,W*7F
$GPVTG,43.9,T,55.8,M,4.9,N,9.1,K*4D
$GPZDA,081041,06,04,2014,00,00*41
$HEHDT,43.4,T*1C
$GPGBS,081041,,,,,,,,*4D
$GPGGA,081042,3452.7729,N,07439.3910,W,2,9,0.3,5,M,,M,,*6A
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PORT 12000 04-06-2014 08:11:32
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PORT 4 04-06-2014 08:11:33
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$GPVTG,43.2,T,55.1,M,5.0,N,9.3,K*45
$GPZDA,081042,06,04,2014,00,00*42
$GPGBS,081042,,,,,,,,*4E
$GPGGA,081043,3452.7740,N,07439.3898,W,2,9,0.3,5,M,,M,,*65
$HEHDT,43.5,T*1D
#
PORT 4 04-06-2014 08:11:34
$HEHDT,43.3,T*1B
$GPGLL,3452.7740,N,07439.3898,W,081043,A*31
$GPRMC,081043,A,3452.7740,N,07439.3898,W,5.0,43.2,060414,11.9,W*71
$GPVTG,43.2,T,55.1,M,5.0,N,9.3,K*45
$GPZDA,081043,06,04,2014,00,00*43
$GPGBS,081043,,,,,,,,*4F
$GPGGA,081044,3452.7751,N,07439.3887,W,2,10,0.2,5,M,,M,,*55
$HEHDT,43.6,T*1E
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PORT 4 04-06-2014 08:11:35
$GPGLL,3452.7751,N,07439.3887,W,081044,A*38
$GPRMC,081044,A,3452.7751,N,07439.3887,W,4.9,43.3,060414,11.9,W*71
$HEHDT,43.5,T*1D
$GPVTG,43.3,T,55.2,M,4.9,N,9.1,K*4D
$GPZDA,081044,06,04,2014,00,00*44
$GPGBS,081044,,,,,,,,*48
$GPGGA,081045,3452.7762,N,07439.3875,W,2,10,0.3,5,M,,M,,*58
$HEHDT,43.8,T*10
$GPGLL,3452.7762,N,07439.3875,W,081045,A*34
$GPRMC,081045,A,3452.7762,N,07439.3875,W,5.0,43.0,060414,11.9,W*76
$HEHDT,44.1,T*1E
$GPVTG,43.0,T,54.9,M,5.0,N,9.3,K*4E
$GPZDA,081045,06,04,2014,00,00*45
$GPGBS,081045,,,,,,,,*49
$GPGGA,081046,3452.7773,N,07439.3862,W,2,9,0.3,5,M,,M,,*65
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PORT 4 04-06-2014 08:11:36
$HEHDT,44.2,T*1D
$GPGLL,3452.7773,N,07439.3862,W,081046,A*31
$GPRMC,081046,A,3452.7773,N,07439.3862,W,5.0,42.8,060414,11.9,W*7A
$GPVTG,42.8,T,54.7,M,5.0,N,9.3,K*49
$HEHDT,44.4,T*1B
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$GPGBS,081046,,,,,,,,*4A
$GPGGA,081047,3452.7782,N,07439.3850,W,2,9,0.2,5,M,,M,,*6A
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PORT 4 04-06-2014 08:11:37

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\$GPRMC,081047,A,3452.7782,N,07439.3850,W,5.0,43.1,060414,11.9,w*7C
\$GPVTG,43.1,T,55.0,M,5.0,N,9.3,K*47
\$GPZDA,081047,06,04,2014,00,00*47
\$GPGGBS,081047,,,,,,,,*4B
\$HEHDT,44.3,T*1C
\$GPGGA,081048,3452.7791,N,07439.3837,W,2,9,0.3,5,M,,M,,*67
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PORT 4 04-06-2014 08:11:38

\$HEHDT,43.9,T*11
\$GPGLL,3452.7791,N,07439.3837,W,081048,A*33
\$GPRMC,081048,A,3452.7791,N,07439.3837,W,5.1,43.7,060414,11.9,w*77
\$GPVTG,43.7,T,55.6,M,5.1,N,9.4,K*41
\$GPZDA,081048,06,04,2014,00,00*48
\$GPGGBS,081048,,,,,,,,*44
\$GPGGA,081049,3452.7800,N,07439.3824,W,2,9,0.3,5,M,,M,,*63
\$HEHDT,43.8,T*10
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PORT 4 04-06-2014 08:11:39

\$GPGLL,3452.7800,N,07439.3824,W,081049,A*37
\$HEHDT,43.6,T*1E
\$GPRMC,081049,A,3452.7800,N,07439.3824,W,5.0,44.4,060414,11.9,w*76
\$GPVTG,44.4,T,56.3,M,5.0,N,9.3,K*45
\$GPZDA,081049,06,04,2014,00,00*49
\$GPGGBS,081049,,,,,,,,*45
\$GPGGA,081050,3452.7811,N,07439.3811,W,2,8,0.3,6,M,,M,,*6F
\$HEHDT,43.4,T*1C
#

PORT 4 04-06-2014 08:11:40

\$GPGLL,3452.7811,N,07439.3811,W,081050,A*39
\$GPRMC,081050,A,3452.7811,N,07439.3811,W,5.0,45.4,060414,11.9,w*79
\$HEHDT,43.5,T*1D
\$GPVTG,45.4,T,57.3,M,5.0,N,9.3,K*45
\$GPZDA,081050,06,04,2014,00,00*41
\$GPGGBS,081050,,,,,,,,*4D
\$GPGGA,081051,3452.7820,N,07439.3799,W,2,8,0.3,6,M,,M,,*63
\$HEHDT,43.5,T*1D
#

PORT 4 04-06-2014 08:11:41

\$GPGLL,3452.7820,N,07439.3799,W,081051,A*35
\$GPRMC,081051,A,3452.7820,N,07439.3799,W,5.1,45.5,060414,11.9,w*75
\$HEHDT,43.7,T*1F
\$GPVTG,45.5,T,57.4,M,5.1,N,9.4,K*45
\$GPZDA,081051,06,04,2014,00,00*40
\$GPGGBS,081051,,,,,,,,*4C
\$GPGGA,081052,3452.7831,N,07439.3788,W,2,9,0.3,6,M,,M,,*61
PORT 12000 04-06-2014 08:11:41
\$PPWBA,d2pc15,192.168.2.151,online
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PORT 4 04-06-2014 08:11:43

\$HEHDT,44.2,T*1D
\$GPGLL,3452.7831,N,07439.3788,W,081052,A*36
\$GPRMC,081052,A,3452.7831,N,07439.3788,W,5.1,45.0,060414,11.9,w*73
\$GPVTG,45.0,T,56.9,M,5.1,N,9.4,K*4C
\$HEHDT,44.5,T*1A
\$GPZDA,081052,06,04,2014,00,00*43
\$GPGGBS,081052,000.9,000.1,005.2,02,0.05,0011.4,012.5*45
\$GPGGA,081053,3452.7841,N,07439.3779,W,2,9,0.3,6,M,,M,,*69
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PORT 4 04-06-2014 08:11:44

\$HEHDT,44.4,T*1B

S01_C04_survey.Log

\$GPGLL,3452.7841,N,07439.3779,W,081053,A*3E
\$GPRMC,081053,A,3452.7841,N,07439.3779,W,5.0,44.2,060414,11.9,W*79
\$GPVTG,44.2,T,56.1,M,5.0,N,9.3,K*41
\$GPZDA,081053,06,04,2014,00,00*42
\$GPGBS,081053,,,,,,,,*4E
\$GPGGA,081054,3452.7852,N,07439.3770,W,2,9,0.3,6,M,,M,,*65
\$HEHDT,44.8,T*17

PORT 4 04-06-2014 08:11:45
\$GPGLL,3452.7852,N,07439.3770,W,081054,A*32
\$HEHDT,44.8,T*17
\$GPRMC,081054,A,3452.7852,N,07439.3770,W,5.0,43.2,060414,11.9,W*72
\$GPVTG,43.2,T,55.1,M,5.0,N,9.3,K*45
\$GPZDA,081054,06,04,2014,00,00*45
\$GPGBS,081054,,,,,,,,*49
\$GPGGA,081055,3452.7863,N,07439.3757,W,2,9,0.3,6,M,,M,,*63
\$HEHDT,45.0,T*1E

PORT 4 04-06-2014 08:11:46
\$GPGLL,3452.7863,N,07439.3757,W,081055,A*34
\$GPRMC,081055,A,3452.7863,N,07439.3757,W,4.9,42.5,060414,11.9,W*7A
\$HEHDT,44.8,T*17
\$GPVTG,42.5,T,54.4,M,4.9,N,9.1,K*4D
\$GPZDA,081055,06,04,2014,00,00*44
\$GPGBS,081055,,,,,,,,*48
\$GPGGA,081056,3452.7873,N,07439.3743,W,2,10,0.2,6,M,,M,,*5D
\$HEHDT,45.1,T*1F

PORT 4 04-06-2014 08:11:47
\$GPGLL,3452.7873,N,07439.3743,W,081056,A*33
\$GPRMC,081056,A,3452.7873,N,07439.3743,W,5.0,42.9,060414,11.9,W*79
\$GPVTG,42.9,T,54.8,M,5.0,N,9.3,K*47
\$HEHDT,44.8,T*17
\$GPZDA,081056,06,04,2014,00,00*47
\$GPGBS,081056,,,,,,,,*4B
\$GPGGA,081057,3452.7881,N,07439.3730,W,2,10,0.3,6,M,,M,,*54
\$HEHDT,45.3,T*1D

PORT 4 04-06-2014 08:11:48
\$GPGLL,3452.7881,N,07439.3730,W,081057,A*3B
\$GPRMC,081057,A,3452.7881,N,07439.3730,W,5.1,43.7,060414,11.9,W*7F
\$GPVTG,43.7,T,55.6,M,5.1,N,9.4,K*41
\$GPZDA,081057,06,04,2014,00,00*46
\$HEHDT,45.1,T*1F
\$GPGBS,081057,,,,,,,,*4A
\$GPGGA,081058,3452.7889,N,07439.3717,W,2,10,0.2,6,M,,M,,*57

PORT 4 04-06-2014 08:11:49
\$HEHDT,44.8,T*17
\$GPGLL,3452.7889,N,07439.3717,W,081058,A*39
\$GPRMC,081058,A,3452.7889,N,07439.3717,W,5.0,45.0,060414,11.9,W*7D
\$GPVTG,45.0,T,56.9,M,5.0,N,9.3,K*4A
\$GPZDA,081058,06,04,2014,00,00*49
\$GPGBS,081058,,,,,,,,*45
\$GPGGA,081059,3452.7899,N,07439.3702,W,2,10,0.2,6,M,,M,,*53
\$HEHDT,45.0,T*1E

PORT 4 04-06-2014 08:11:50
\$GPGLL,3452.7899,N,07439.3702,W,081059,A*3D
\$HEHDT,44.9,T*16
\$GPRMC,081059,A,3452.7899,N,07439.3702,W,5.0,46.2,060414,11.9,W*78
\$GPVTG,46.2,T,58.1,M,5.0,N,9.3,K*4D
\$GPZDA,081059,06,04,2014,00,00*48

S01_C04_survey.Log

\$GPGBS,081059,,,,,,,,*44
\$GPGGA,081100,3452.7910,N,07439.3690,W,2,9,0.3,6,M,,M,,*6D
\$HEHDT,45.2,T*1C

PORT 4 04-06-2014 08:11:51
\$GPGLL,3452.7910,N,07439.3690,W,081100,A*3A
\$GPRMC,081100,A,3452.7910,N,07439.3690,W,5.0,47.0,060414,11.9,W*7C
\$HEHDT,45.2,T*1C
\$GPVTG,47.0,T,58.9,M,5.0,N,9.3,K*46
\$GPZDA,081100,06,04,2014,00,00*45
\$GPGBS,081100,,,,,,,,*49
\$GPGGA,081101,3452.7921,N,07439.3679,W,2,9,0.2,6,M,,M,,*68
\$HEHDT,45.3,T*1D

PORT 4 04-06-2014 08:11:52
\$GPGLL,3452.7921,N,07439.3679,W,081101,A*3E
\$GPRMC,081101,A,3452.7921,N,07439.3679,W,5.1,46.5,060414,11.9,W*7D
\$HEHDT,45.1,T*1F
\$GPVTG,46.5,T,58.4,M,5.1,N,9.4,K*49
\$GPZDA,081101,06,04,2014,00,00*44
\$GPGBS,081101,,,,,,,,*48
\$GPGGA,081102,3452.7932,N,07439.3669,W,2,10,0.2,6,M,,M,,*50
\$HEHDT,45.3,T*1D
PORT 12000 04-06-2014 08:11:52
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:11:53
\$GPGLL,3452.7932,N,07439.3669,W,081102,A*3E
\$GPRMC,081102,A,3452.7932,N,07439.3669,W,5.1,45.2,060414,11.9,W*79
\$HEHDT,45.3,T*1D
\$GPVTG,45.2,T,57.1,M,5.1,N,9.4,K*47
\$GPZDA,081102,06,04,2014,00,00*47
\$GPGBS,081102,,,,,,,,*4B
\$GPGGA,081103,3452.7943,N,07439.3657,W,2,10,0.2,6,M,,M,,*5A
\$HEHDT,45.4,T*1A

PORT 4 04-06-2014 08:11:54
\$GPGLL,3452.7943,N,07439.3657,W,081103,A*34
\$GPRMC,081103,A,3452.7943,N,07439.3657,W,5.1,43.8,060414,11.9,W*7F
\$GPVTG,43.8,T,55.7,M,5.1,N,9.4,K*4F
\$GPZDA,081103,06,04,2014,00,00*46
\$HEHDT,45.6,T*18
\$GPGBS,081103,,,,,,,,*4A
\$GPGGA,081104,3452.7953,N,07439.3645,W,2,10,0.2,6,M,,M,,*5F

PORT 4 04-06-2014 08:11:55
\$HEHDT,46.2,T*1F
\$GPGLL,3452.7953,N,07439.3645,W,081104,A*31
\$GPRMC,081104,A,3452.7953,N,07439.3645,W,5.1,43.4,060414,11.9,W*76
\$GPVTG,43.4,T,55.3,M,5.1,N,9.4,K*47
\$GPZDA,081104,06,04,2014,00,00*41
\$GPGBS,081104,,,,,,,,*4D
\$GPGGA,081105,3452.7961,N,07439.3632,W,2,10,0.2,6,M,,M,,*5F
\$HEHDT,46.1,T*1C

PORT 4 04-06-2014 08:11:56
\$GPGLL,3452.7961,N,07439.3632,W,081105,A*31
\$HEHDT,46.1,T*1C
\$GPRMC,081105,A,3452.7961,N,07439.3632,W,5.1,44.0,060414,11.9,W*75
\$GPVTG,44.0,T,55.9,M,5.1,N,9.4,K*4E
\$GPZDA,081105,06,04,2014,00,00*40
\$GPGBS,081105,,,,,,,,*4C
\$GPGGA,081106,3452.7971,N,07439.3620,W,2,10,0.2,6,M,,M,,*5E

S01_C04_survey.Log

\$HEHDT,46.2,T*1F

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PORT 4 04-06-2014 08:11:57

\$GPGLL,3452.7971,N,07439.3620,W,081106,A*30

\$GPRMC,081106,A,3452.7971,N,07439.3620,W,5.0,44.7,060414,11.9,W*72

\$HEHDT,46.0,T*1D

\$GPVTG,44.7,T,56.6,M,5.0,N,9.3,K*43

\$GPZDA,081106,06,04,2014,00,00*43

\$GPGBS,081106,,,,,,,,*4F

\$GPGGA,081107,3452.7981,N,07439.3607,W,2,10,0.2,6,M,,M,,*55

\$HEHDT,46.2,T*1F

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PORT 4 04-06-2014 08:11:58

\$GPGLL,3452.7981,N,07439.3607,W,081107,A*3B

\$GPRMC,081107,A,3452.7981,N,07439.3607,W,5.0,45.1,060414,11.9,W*7E

\$HEHDT,46.1,T*1C

\$GPVTG,45.1,T,57.0,M,5.0,N,9.3,K*43

\$GPZDA,081107,06,04,2014,00,00*42

\$GPGBS,081107,,,,,,,,*4E

\$GPGGA,081108,3452.7990,N,07439.3593,W,2,9,0.3,6,M,,M,,*6D

\$HEHDT,46.4,T*19

#

PORT 4 04-06-2014 08:11:59

\$GPGLL,3452.7990,N,07439.3593,W,081108,A*3A

\$GPRMC,081108,A,3452.7990,N,07439.3593,W,5.0,45.8,060414,11.9,W*76

\$GPVTG,45.8,T,57.7,M,5.0,N,9.3,K*4D

\$GPZDA,081108,06,04,2014,00,00*4D

\$HEHDT,46.6,T*1B

\$GPGBS,081108,,,,,,,,*41

\$GPGGA,081109,3452.8000,N,07439.3580,W,2,9,0.3,6,M,,M,,*61

\$HEHDT,46.2,T*1F

\$GPGLL,3452.8000,N,07439.3580,W,081109,A*36

\$GPRMC,081109,A,3452.8000,N,07439.3580,W,5.1,46.1,060414,11.9,W*71

\$GPVTG,46.1,T,58.0,M,5.1,N,9.4,K*49

\$GPZDA,081109,06,04,2014,00,00*4C

\$GPGBS,081109,,,,,,,,*40

\$GPGGA,081110,3452.8008,N,07439.3567,W,2,8,0.3,6,M,,M,,*69

\$HEHDT,45.9,T*17

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PORT 4 04-06-2014 08:12:00

\$HEHDT,46.0,T*1D

\$GPGLL,3452.8008,N,07439.3567,W,081110,A*3F

\$GPRMC,081110,A,3452.8008,N,07439.3567,W,5.1,46.6,060414,11.9,W*7F

\$GPVTG,46.6,T,58.5,M,5.1,N,9.4,K*4B

\$GPZDA,081110,06,04,2014,00,00*44

\$GPGBS,081110,,,,,,,,*48

\$GPGGA,081111,3452.8018,N,07439.3554,W,2,8,0.3,6,M,,M,,*69

\$HEHDT,45.9,T*17

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PORT 5 04-06-2014 08:12:02

IN

PORT 4 04-06-2014 08:12:02

\$GPGLL,3452.8018,N,07439.3554,W,081111,A*3F

\$HEHDT,46.5,T*18

\$GPRMC,081111,A,3452.8018,N,07439.3554,W,5.0,47.0,060414,11.9,W*79

\$GPVTG,47.0,T,58.9,M,5.0,N,9.3,K*46

\$GPZDA,081111,06,04,2014,00,00*45

\$GPGBS,081111,,,,,,,,*49

\$GPGGA,081112,3452.8031,N,07439.3541,W,2,8,0.3,6,M,,M,,*65

\$HEHDT,46.9,T*14

PORT 12000 04-06-2014 08:12:02

\$PPWBA,d2pc15,192.168.2.151,Online

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S01_C04_survey.Log

PORT 4 04-06-2014 08:12:03

\$GPGLL,3452.8031,N,07439.3541,W,081112,A*33
\$GPRMC,081112,A,3452.8031,N,07439.3541,W,5.1,47.2,060414,11.9,W*76
\$HEHDT,46.5,T*18
\$GPVTG,47.2,T,59.1,M,5.1,N,9.4,K*4B
\$GPZDA,081112,06,04,2014,00,00*46
\$GPGBS,081112,,,,,,,,*4A
\$GPGGA,081113,3452.8042,N,07439.3529,W,2,8,0.3,6,M,,M,,*6E
\$HEHDT,47.1,T*1D

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PORT 4 04-06-2014 08:12:04

\$GPGLL,3452.8042,N,07439.3529,W,081113,A*38
\$GPRMC,081113,A,3452.8042,N,07439.3529,W,5.2,46.4,060414,11.9,W*79
\$GPVTG,46.4,T,58.3,M,5.2,N,9.6,K*4E
\$HEHDT,47.0,T*1C
\$GPZDA,081113,06,04,2014,00,00*47
\$GPGBS,081113,,,,,,,,*4B
\$GPGGA,081114,3452.8051,N,07439.3518,W,2,9,0.3,6,M,,M,,*68
\$HEHDT,47.0,T*1C

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PORT 4 04-06-2014 08:12:05

\$GPGLL,3452.8051,N,07439.3518,W,081114,A*3F
\$GPRMC,081114,A,3452.8051,N,07439.3518,W,5.2,45.3,060414,11.9,W*7A
\$GPVTG,45.3,T,57.2,M,5.2,N,9.6,K*44
\$GPZDA,081114,06,04,2014,00,00*40
\$GPGBS,081114,,,,,,,,*4C
\$HEHDT,46.7,T*1A
\$GPGGA,081115,3452.8060,N,07439.3507,W,2,9,0.3,6,M,,M,,*65

#

PORT 5 04-06-2014 08:12:06

04191 mS

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PORT 4 04-06-2014 08:12:06

\$HEHDT,46.8,T*15
\$GPGLL,3452.8060,N,07439.3507,W,081115,A*32
\$GPRMC,081115,A,3452.8060,N,07439.3507,W,5.1,45.0,060414,11.9,W*77
\$GPVTG,45.0,T,56.9,M,5.1,N,9.4,K*4C
\$GPZDA,081115,06,04,2014,00,00*41
\$GPGBS,081115,,,,,,,,*4D
\$GPGGA,081116,3452.8069,N,07439.3493,W,2,8,0.3,6,M,,M,,*62
\$HEHDT,46.5,T*18

#

PORT 4 04-06-2014 08:12:07

\$GPGLL,3452.8069,N,07439.3493,W,081116,A*34
\$HEHDT,46.3,T*1E
\$GPRMC,081116,A,3452.8069,N,07439.3493,W,5.0,45.2,060414,11.9,W*72
\$GPVTG,45.2,T,57.1,M,5.0,N,9.3,K*41
\$GPZDA,081116,06,04,2014,00,00*42
\$GPGBS,081116,,,,,,,,*4E
\$GPGGA,081117,3452.8079,N,07439.3480,W,2,8,0.3,6,M,,M,,*60
\$HEHDT,46.4,T*19
\$GPGLL,3452.8079,N,07439.3480,W,081117,A*36
\$GPRMC,081117,A,3452.8079,N,07439.3480,W,5.1,46.0,060414,11.9,W*70
\$HEHDT,46.5,T*18
\$GPVTG,46.0,T,57.9,M,5.1,N,9.4,K*4E
\$GPZDA,081117,06,04,2014,00,00*43
\$GPGBS,081117,,,,,,,,*4F
\$GPGGA,081118,3452.8089,N,07439.3467,W,2,9,0.3,6,M,,M,,*68

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PORT 4 04-06-2014 08:12:08

\$HEHDT,46.8,T*15
\$GPGLL,3452.8089,N,07439.3467,W,081118,A*3F
\$GPRMC,081118,A,3452.8089,N,07439.3467,W,5.1,46.5,060414,11.9,W*7C

S01_C04_survey.Log

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$GPVTG,46.5,T,58.4,M,5.1,N,9.4,K*49
$HEHDT,46.9,T*14
$GPZDA,081118,06,04,2014,00,00*4C
$GPGBS,081118,,,,,,,,*40
$GPGGA,081119,3452.8097,N,07439.3455,W,2,9,0.3,6,M,,M,,*67
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PORT 4 04-06-2014 08:12:09
$HEHDT,47.2,T*1E
$GPGLL,3452.8097,N,07439.3455,W,081119,A*30
$GPRMC,081119,A,3452.8097,N,07439.3455,W,5.1,46.5,060414,11.9,w*73
$GPVTG,46.5,T,58.4,M,5.1,N,9.4,K*49
$GPZDA,081119,06,04,2014,00,00*4D
$HEHDT,47.0,T*1C
$GPGBS,081119,,,,,,,,*41
$GPGGA,081120,3452.8105,N,07439.3443,W,2,9,0.3,6,M,,M,,*60
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PORT 4 04-06-2014 08:12:10
$HEHDT,47.1,T*1D
$GPGLL,3452.8105,N,07439.3443,W,081120,A*37
$GPRMC,081120,A,3452.8105,N,07439.3443,W,5.1,46.7,060414,11.9,w*76
$GPVTG,46.7,T,58.6,M,5.1,N,9.4,K*49
$GPZDA,081120,06,04,2014,00,00*47
$GPGBS,081120,,,,,,,,*4B
$GPGGA,081121,3452.8115,N,07439.3429,W,2,9,0.3,7,M,,M,,*6D
$HEHDT,47.0,T*1C
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PORT 4 04-06-2014 08:12:11
$GPGLL,3452.8115,N,07439.3429,W,081121,A*3B
$HEHDT,46.9,T*14
$GPRMC,081121,A,3452.8115,N,07439.3429,W,5.0,47.3,060414,11.9,w*7E
$GPVTG,47.3,T,59.2,M,5.0,N,9.3,K*4F
$GPZDA,081121,06,04,2014,00,00*46
$GPGBS,081121,,,,,,,,*4A
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$GPGLL,3452.8126,N,07439.3415,W,081122,A*37
$GPRMC,081122,A,3452.8126,N,07439.3415,W,5.0,47.7,060414,11.9,w*76
$HEHDT,46.8,T*15
$GPVTG,47.7,T,59.6,M,5.0,N,9.3,K*4F
$GPZDA,081122,06,04,2014,00,00*45
$GPGBS,081122,,,,,,,,*49
$GPGGA,081123,3452.8138,N,07439.3402,W,2,9,0.3,7,M,,M,,*69
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PORT 4 04-06-2014 08:12:14
$GPGLL,3452.8138,N,07439.3402,W,081123,A*3F
$GPRMC,081123,A,3452.8138,N,07439.3402,W,5.2,47.2,060414,11.9,w*79
$HEHDT,46.2,T*1F
$GPVTG,47.2,T,59.1,M,5.2,N,9.6,K*4A
$GPZDA,081123,06,04,2014,00,00*44
$GPGBS,081123,,,,,,,,*48
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PORT 4 04-06-2014 08:12:15
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$GPGLL,3452.8148,N,07439.3391,W,081124,A*32
$GPRMC,081124,A,3452.8148,N,07439.3391,W,5.2,46.4,060414,11.9,w*73
$GPVTG,46.4,T,58.3,M,5.2,N,9.6,K*4E
$GPZDA,081124,06,04,2014,00,00*43

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S01_C04_survey.Log

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PORT 4 04-06-2014 08:12:16
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$GPVTG,45.5,T,57.4,M,5.2,N,9.6,K*44
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PORT 4 04-06-2014 08:12:17
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$HEHDT,47.0,T*1C
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PORT 4 04-06-2014 08:12:18
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$HEHDT,47.0,T*1C
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PORT 4 04-06-2014 08:12:19
$GPGLL,3452.8180,N,07439.3337,W,081128,A*36
$GPRMC,081128,A,3452.8180,N,07439.3337,W,5.1,47.9,060414,11.9,W*78
$HEHDT,46.8,T*15
$GPVTG,47.9,T,59.8,M,5.1,N,9.4,K*49
$GPZDA,081128,06,04,2014,00,00*4F
$GPGBS,081128,,,,,,,,*43
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PORT 4 04-06-2014 08:12:20
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$GPVTG,48.3,T,60.2,M,5.1,N,9.4,K*4C
$GPZDA,081129,06,04,2014,00,00*4E
$HEHDT,47.1,T*1D
$GPGBS,081129,,,,,,,,*42
$GPGGA,081130,3452.8202,N,07439.3313,W,2,7,0.3,7,M,,M,,*68
$HEHDT,47.3,T*1F
$GPGLL,3452.8202,N,07439.3313,W,081130,A*30
$GPRMC,081130,A,3452.8202,N,07439.3313,W,5.2,47.4,060414,11.9,W*70
$GPVTG,47.4,T,59.3,M,5.2,N,9.6,K*4E
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$GPGBS,081130,,,,,,,,*4A
$HEHDT,47.3,T*1F
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PORT 4 04-06-2014 08:12:21
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S01_C04_survey.Log

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\$GPVTG,46.3,T,58.2,M,5.1,N,9.4,K*49
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\$GPGBS,081131,,,,,,,,*4B
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\$HEHDT,47.4,T*18

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PORT 4 04-06-2014 08:12:22

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\$HEHDT,47.1,T*1D
\$GPRMC,081132,A,3452.8221,N,07439.3289,W,5.1,46.0,060414,11.9,w*77
\$GPVTG,46.0,T,57.9,M,5.1,N,9.4,K*4E
\$GPZDA,081132,06,04,2014,00,00*44
\$GPGBS,081132,,,,,,,,*48
\$GPGGA,081133,3452.8232,N,07439.3275,W,2,6,0.3,7,M,,M,,*68
\$HEHDT,46.7,T*1A

PORT 12000 04-06-2014 08:12:22

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PORT 4 04-06-2014 08:12:24

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\$HEHDT,46.6,T*1B
\$GPVTG,46.1,T,58.0,M,5.1,N,9.4,K*49
\$GPZDA,081133,06,04,2014,00,00*45
\$GPGBS,081133,,,,,,,,*49
\$GPGGA,081134,3452.8241,N,07439.3260,W,2,7,0.3,7,M,,M,,*6E
\$HEHDT,46.7,T*1A

#

PORT 4 04-06-2014 08:12:25

\$GPGLL,3452.8241,N,07439.3260,W,081134,A*36
\$GPRMC,081134,A,3452.8241,N,07439.3260,W,5.2,47.0,060414,11.9,w*72
\$GPVTG,47.0,T,58.9,M,5.2,N,9.6,K*41
\$HEHDT,46.7,T*1A
\$GPZDA,081134,06,04,2014,00,00*42
\$GPGBS,081134,,,,,,,,*4E
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\$HEHDT,47.0,T*1C

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PORT 4 04-06-2014 08:12:26

\$GPGLL,3452.8250,N,07439.3246,W,081135,A*33
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\$HEHDT,47.0,T*1C
\$GPVTG,48.0,T,59.9,M,5.2,N,9.6,K*4F
\$GPZDA,081135,06,04,2014,00,00*43
\$GPGBS,081135,,,,,,,,*4F
\$GPGGA,081136,3452.8257,N,07439.3233,W,2,7,0.3,7,M,,M,,*6D

#

PORT 4 04-06-2014 08:12:27

\$HEHDT,47.2,T*1E
\$GPGLL,3452.8257,N,07439.3233,W,081136,A*35
\$GPRMC,081136,A,3452.8257,N,07439.3233,W,5.2,49.1,060414,11.9,w*7E
\$GPVTG,49.1,T,61.0,M,5.2,N,9.6,K*4D
\$GPZDA,081136,06,04,2014,00,00*40
\$GPGBS,081136,001.1,000.2,004.3,02,0.05,0013.2,012.5*48
\$GPGGA,081137,3452.8268,N,07439.3222,W,2,7,0.3,7,M,,M,,*60
\$HEHDT,47.2,T*1E

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PORT 4 04-06-2014 08:12:28

\$GPGLL,3452.8268,N,07439.3222,W,081137,A*38
\$HEHDT,47.2,T*1E
\$GPRMC,081137,A,3452.8268,N,07439.3222,W,5.1,49.0,060414,11.9,w*71

S01_C04_survey.Log

\$GPVTG,49.0,T,60.9,M,5.1,N,9.4,K*45
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\$HEHDT,47.0,T*1C

PORT 4 04-06-2014 08:12:29
\$GPGLL,3452.8279,N,07439.3210,W,081138,A*36
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\$HEHDT,47.0,T*1C
\$GPVTG,48.2,T,60.1,M,5.1,N,9.4,K*4E
\$GPZDA,081138,06,04,2014,00,00*4E
\$GPGBS,081138,,,,,*42
\$GPGGA,081139,3452.8292,N,07439.3198,W,2,7,0.3,7,M,,M,,*69
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PORT 4 04-06-2014 08:12:30
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\$GPRMC,081139,A,3452.8292,N,07439.3198,W,5.1,46.9,060414,11.9,W*7E
\$GPVTG,46.9,T,58.8,M,5.1,N,9.4,K*49
\$HEHDT,46.6,T*1B
\$GPZDA,081139,06,04,2014,00,00*4F
\$GPGBS,081139,,,,,*43
\$GPGGA,081140,3452.8303,N,07439.3187,W,2,8,0.3,7,M,,M,,*6F
\$HEHDT,46.6,T*1B

PORT 4 04-06-2014 08:12:31
\$GPGLL,3452.8303,N,07439.3187,W,081140,A*38
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\$GPVTG,45.7,T,57.6,M,5.1,N,9.4,K*45
\$GPZDA,081140,06,04,2014,00,00*41
\$HEHDT,46.9,T*14
\$GPGBS,081140,,,,,*4D
\$GPGGA,081141,3452.8311,N,07439.3174,W,2,8,0.3,7,M,,M,,*61
\$HEHDT,46.9,T*14

PORT 4 04-06-2014 08:12:32
\$GPGLL,3452.8311,N,07439.3174,W,081141,A*36
\$GPRMC,081141,A,3452.8311,N,07439.3174,W,5.1,45.2,060414,11.9,W*71
\$GPVTG,45.2,T,57.1,M,5.1,N,9.4,K*47
\$HEHDT,47.0,T*1C
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\$GPGGA,081142,3452.8318,N,07439.3158,W,2,8,0.3,7,M,,M,,*65
PORT 12000 04-06-2014 08:12:32
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PORT 4 04-06-2014 08:12:33
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\$GPRMC,081142,A,3452.8318,N,07439.3158,W,5.1,46.1,060414,11.9,W*75
\$GPVTG,46.1,T,58.0,M,5.1,N,9.4,K*49
\$GPZDA,081142,06,04,2014,00,00*43
\$GPGBS,081142,002.4,000.7,009.3,02,0.05,0014.0,012.5*40
\$HEHDT,46.4,T*19
\$GPGGA,081143,3452.8328,N,07439.3142,W,2,8,0.3,7,M,,M,,*6C

PORT 4 04-06-2014 08:12:34
\$HEHDT,46.3,T*1E
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\$GPZDA,081143,06,04,2014,00,00*42

S01_C04_survey.Log

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PORT 4 04-06-2014 08:12:35
\$GPGLL,3452.8336,N,07439.3130,W,081144,A*36
\$GPRMC,081144,A,3452.8336,N,07439.3130,W,5.2,49.9,060414,11.9,W*75
\$HEHDT,46.6,T*1B
\$GPVTG,49.9,T,61.8,M,5.2,N,9.6,K*4D
\$GPZDA,081144,06,04,2014,00,00*45
\$GPGBS,081144,002.2,001.1,008.5,02,0.05,0012.3,012.5*45
\$GPGGA,081145,3452.8347,N,07439.3119,W,2,8,0.3,7,M,,M,,*6D
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PORT 4 04-06-2014 08:12:36
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\$GPVTG,49.9,T,61.8,M,5.2,N,9.6,K*4D
\$HEHDT,47.0,T*1C
\$GPZDA,081145,06,04,2014,00,00*44
\$GPGBS,081145,,,,,,,,*48
\$GPGGA,081146,3452.8358,N,07439.3108,W,2,9,0.3,7,M,,M,,*61
\$HEHDT,47.2,T*1E

PORT 4 04-06-2014 08:12:37
\$GPGLL,3452.8358,N,07439.3108,W,081146,A*37
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\$GPVTG,48.7,T,60.6,M,5.1,N,9.4,K*4C
\$HEHDT,46.7,T*1A
\$GPZDA,081146,06,04,2014,00,00*47
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PORT 4 04-06-2014 08:12:39
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\$GPVTG,47.3,T,59.2,M,5.1,N,9.4,K*49
\$GPZDA,081147,06,04,2014,00,00*46
\$HEHDT,45.7,T*19
\$GPGBS,081147,002.0,000.2,008.5,02,0.05,0015.5,012.5*47
\$GPGGA,081148,3452.8372,N,07439.3078,W,2,9,0.3,7,M,,M,,*61
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\$GPGLL,3452.8372,N,07439.3078,W,081148,A*37
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\$GPVTG,47.0,T,58.9,M,5.2,N,9.6,K*41
\$GPZDA,081148,06,04,2014,00,00*49
\$GPGBS,081148,010.5,004.5,010.2,02,0.05,0012.1,012.5*40
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PORT 4 04-06-2014 08:12:40
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\$GPRMC,081149,A,3452.8383,N,07439.3065,W,5.2,46.8,060414,11.9,W*79
\$GPVTG,46.8,T,58.7,M,5.2,N,9.6,K*46
\$GPZDA,081149,06,04,2014,00,00*48
\$GPGBS,081149,001.4,000.0,006.6,02,0.05,0012.5,012.5*46
\$GPGGA,081150,3452.8394,N,07439.3055,W,2,8,0.3,7,M,,M,,*6E
\$HEHDT,45.9,T*17

PORT 4 04-06-2014 08:12:41
\$GPGLL,3452.8394,N,07439.3055,W,081150,A*39

S01_C04_survey.Log

\$GPRMC,081150,A,3452.8394,N,07439.3055,W,5.2,47.1,060414,11.9,w*7C
\$HEHDT,46.0,T*1D
\$GPVTG,47.1,T,59.0,M,5.2,N,9.6,K*48
\$GPZDA,081150,06,04,2014,00,00*40
\$GPGBS,081150,000.9,000.4,006.4,02,0.05,0011.4,012.5*46
\$GPGGA,081151,3452.8404,N,07439.3045,W,2,8,0.3,7,M,,M,,*60
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PORT 4 04-06-2014 08:12:42
\$GPGLL,3452.8404,N,07439.3045,W,081151,A*37
\$GPRMC,081151,A,3452.8404,N,07439.3045,W,5.1,46.6,060414,11.9,w*77
\$HEHDT,45.5,T*1B
\$GPVTG,46.6,T,58.5,M,5.1,N,9.4,K*4B
\$GPZDA,081151,06,04,2014,00,00*41
\$GPGBS,081151,001.2,000.1,006.1,02,0.05,0011.2,012.5*4B
\$GPGGA,081152,3452.8415,N,07439.3033,W,2,8,0.3,7,M,,M,,*62
\$HEHDT,45.8,T*16
PORT 12000 04-06-2014 08:12:42
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PORT 4 04-06-2014 08:12:43
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\$GPVTG,45.9,T,57.8,M,5.0,N,9.3,K*43
\$GPZDA,081152,06,04,2014,00,00*42
\$HEHDT,46.1,T*1C
\$GPGBS,081152,000.2,000.2,011.6,02,0.05,0012.4,012.5*4E
\$GPGGA,081153,3452.8425,N,07439.3018,W,2,8,0.3,7,M,,M,,*69
\$HEHDT,45.7,T*19

PORT 4 04-06-2014 08:12:44
\$GPGLL,3452.8425,N,07439.3018,W,081153,A*3E
\$GPRMC,081153,A,3452.8425,N,07439.3018,W,5.1,45.7,060414,11.9,w*7C
\$GPVTG,45.7,T,57.6,M,5.1,N,9.4,K*45
\$GPZDA,081153,06,04,2014,00,00*43
\$GPGBS,081153,000.3,001.0,013.0,02,0.05,0011.7,012.5*49
\$HEHDT,45.9,T*17
\$GPGGA,081154,3452.8434,N,07439.3004,W,2,8,0.3,6,M,,M,,*62

PORT 4 04-06-2014 08:12:46
\$GPGLL,3452.8434,N,07439.3004,W,081154,A*34
\$HEHDT,46.0,T*1D
\$GPRMC,081154,A,3452.8434,N,07439.3004,W,5.1,46.4,060414,11.9,w*76
\$GPVTG,46.4,T,58.3,M,5.1,N,9.4,K*4F
\$GPZDA,081154,06,04,2014,00,00*44
\$GPGBS,081154,000.2,000.2,010.5,02,0.05,0010.9,012.5*45
\$GPGGA,081155,3452.8443,N,07439.2992,W,2,8,0.3,6,M,,M,,*64
\$HEHDT,45.7,T*19
\$GPGLL,3452.8443,N,07439.2992,W,081155,A*32
\$GPRMC,081155,A,3452.8443,N,07439.2992,W,5.1,47.5,060414,11.9,w*70
\$HEHDT,45.6,T*18
\$GPVTG,47.5,T,59.4,M,5.1,N,9.4,K*49
\$GPZDA,081155,06,04,2014,00,00*45
\$GPGBS,081155,001.7,000.2,006.5,02,0.05,0011.5,012.5*4A
\$GPGGA,081156,3452.8452,N,07439.2979,W,2,8,0.3,6,M,,M,,*62
\$HEHDT,45.6,T*18

PORT 4 04-06-2014 08:12:47
\$GPGLL,3452.8452,N,07439.2979,W,081156,A*34
\$GPRMC,081156,A,3452.8452,N,07439.2979,W,5.1,48.1,060414,11.9,w*7D
\$HEHDT,45.4,T*1A
\$GPVTG,48.1,T,60.0,M,5.1,N,9.4,K*4C
\$GPZDA,081156,06,04,2014,00,00*46

S01_C04_survey.Log

\$GPGBS,081156,,,,,,,,*4A
\$GPGGA,081157,3452.8463,N,07439.2967,W,2,8,0.3,6,M,,M,,*6E
\$HEHDT,45.5,T*1B

PORT 5 04-06-2014 08:12:48
IN
PORT 4 04-06-2014 08:12:48
\$GPGLL,3452.8452,N,07439.2979,W,081156,A*34
\$GPRMC,081156,A,3452.8452,N,07439.2979,W,5.1,48.1,060414,11.9,W*7D
\$HEHDT,45.4,T*1A
\$GPVTG,48.1,T,60.0,M,5.1,N,9.4,K*4C
\$GPZDA,081156,06,04,2014,00,00*46
\$GPGBS,081156,,,,,,,,*4A
\$GPGGA,081157,3452.8463,N,07439.2967,W,2,8,0.3,6,M,,M,,*6E
\$HEHDT,45.5,T*1B
\$GPGLL,3452.8463,N,07439.2967,W,081157,A*38
\$GPRMC,081157,A,3452.8463,N,07439.2967,W,5.1,48.0,060414,11.9,W*70
\$GPVTG,48.0,T,59.9,M,5.1,N,9.4,K*4E
\$GPZDA,081157,06,04,2014,00,00*47
\$GPGBS,081157,001.1,000.3,005.2,02,0.05,0009.8,012.5*4F
\$HEHDT,45.1,T*1F
\$GPGGA,081158,3452.8474,N,07439.2954,W,2,8,0.3,6,M,,M,,*67
\$HEHDT,45.1,T*1F
\$GPGLL,3452.8474,N,07439.2954,W,081158,A*31
\$GPRMC,081158,A,3452.8474,N,07439.2954,W,5.1,47.9,060414,11.9,W*7F
\$GPVTG,47.9,T,59.8,M,5.1,N,9.4,K*49
\$GPZDA,081158,06,04,2014,00,00*48
\$GPGBS,081158,,,,,,,,*44
\$GPGGA,081159,3452.8481,N,07439.2941,W,2,8,0.3,6,M,,M,,*68
\$HEHDT,44.6,T*19

PORT 4 04-06-2014 08:12:49
\$GPGLL,3452.8481,N,07439.2941,W,081159,A*3E
\$HEHDT,44.7,T*18
\$GPRMC,081159,A,3452.8481,N,07439.2941,W,5.2,47.2,060414,11.9,W*78
\$GPVTG,47.2,T,59.1,M,5.2,N,9.6,K*4A
\$GPZDA,081159,06,04,2014,00,00*49
\$GPGBS,081159,,,,,,,,*45
\$GPGGA,081200,3452.8492,N,07439.2930,W,2,8,0.4,6,M,,M,,*64
\$HEHDT,44.5,T*1A

PORT 4 04-06-2014 08:12:51
\$GPGLL,3452.8492,N,07439.2930,W,081200,A*35
\$GPRMC,081200,A,3452.8492,N,07439.2930,W,5.2,46.3,060414,11.9,W*73
\$HEHDT,45.2,T*1C
\$GPVTG,46.3,T,58.2,M,5.2,N,9.6,K*48
\$GPZDA,081200,06,04,2014,00,00*46
\$GPGBS,081200,,,,,,,,*4A
\$GPGGA,081201,3452.8503,N,07439.2920,W,2,8,0.3,6,M,,M,,*6A
\$HEHDT,45.2,T*1C

PORT 5 04-06-2014 08:12:52
04162 mS
*
PORT 4 04-06-2014 08:12:52
\$GPGLL,3452.8503,N,07439.2920,W,081201,A*3C
\$GPRMC,081201,A,3452.8503,N,07439.2920,W,5.1,45.3,060414,11.9,W*7A
\$GPVTG,45.3,T,57.2,M,5.1,N,9.4,K*45
\$HEHDT,45.1,T*1F
\$GPZDA,081201,06,04,2014,00,00*47
\$GPGBS,081201,,,,,,,,*4B
\$GPGGA,081202,3452.8513,N,07439.2907,W,2,9,0.3,5,M,,M,,*6F
\$HEHDT,45.3,T*1D

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PORT 12000 04-06-2014 08:12:52

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:12:53

\$GPGLL,3452.8503,N,07439.2920,W,081201,A*3C

\$GPRMC,081201,A,3452.8503,N,07439.2920,W,5.1,45.3,060414,11.9,W*7A

\$GPVTG,45.3,T,57.2,M,5.1,N,9.4,K*45

\$HEHDT,45.1,T*1F

\$GPZDA,081201,06,04,2014,00,00*47

\$GPGGBS,081201,,,,,,,,*4B

\$GPGGA,081202,3452.8513,N,07439.2907,W,2,9,0.3,5,M,,M,,*6F

\$HEHDT,45.3,T*1D

\$GPGLL,3452.8513,N,07439.2907,W,081202,A*3B

\$GPRMC,081202,A,3452.8513,N,07439.2907,W,5.1,44.7,060414,11.9,W*78

\$GPVTG,44.7,T,56.6,M,5.1,N,9.4,K*45

\$GPZDA,081202,06,04,2014,00,00*44

\$GPGGBS,081202,,,,,,,,*48

\$HEHDT,45.2,T*1C

\$GPGGA,081203,3452.8523,N,07439.2894,W,2,9,0.3,5,M,,M,,*66

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PORT 4 04-06-2014 08:12:54

\$HEHDT,45.2,T*1C

\$GPGLL,3452.8523,N,07439.2894,W,081203,A*32

\$GPRMC,081203,A,3452.8523,N,07439.2894,W,5.1,45.1,060414,11.9,W*76

\$GPVTG,45.1,T,57.0,M,5.1,N,9.4,K*45

\$GPZDA,081203,06,04,2014,00,00*45

\$GPGGBS,081203,,,,,,,,*49

\$GPGGA,081204,3452.8532,N,07439.2881,W,2,8,0.3,5,M,,M,,*64

\$HEHDT,44.8,T*17

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PORT 4 04-06-2014 08:12:55

\$GPGLL,3452.8532,N,07439.2881,W,081204,A*31

\$HEHDT,44.7,T*18

\$GPRMC,081204,A,3452.8532,N,07439.2881,W,5.1,45.9,060414,11.9,W*7D

\$GPVTG,45.9,T,57.8,M,5.1,N,9.4,K*45

\$GPZDA,081204,06,04,2014,00,00*42

\$GPGGBS,081204,,,,,,,,*4E

\$GPGGA,081205,3452.8544,N,07439.2868,W,2,8,0.3,5,M,,M,,*63

\$HEHDT,44.4,T*1B

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PORT 4 04-06-2014 08:12:56

\$GPGLL,3452.8544,N,07439.2868,W,081205,A*36

\$GPRMC,081205,A,3452.8544,N,07439.2868,W,5.1,46.4,060414,11.9,W*74

\$HEHDT,44.6,T*19

\$GPVTG,46.4,T,58.3,M,5.1,N,9.4,K*4F

\$GPZDA,081205,06,04,2014,00,00*43

\$GPGGBS,081205,,,,,,,,*4F

\$GPGGA,081206,3452.8553,N,07439.2855,W,2,5,0.3,5,M,,M,,*65

\$HEHDT,44.4,T*1B

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PORT 4 04-06-2014 08:12:57

\$GPGLL,3452.8553,N,07439.2855,W,081206,A*3D

\$GPRMC,081206,A,3452.8553,N,07439.2855,W,5.1,46.5,060414,11.9,W*7E

\$GPVTG,46.5,T,58.4,M,5.1,N,9.4,K*49

\$HEHDT,44.8,T*17

\$GPZDA,081206,06,04,2014,00,00*40

\$GPGGBS,081206,,,,,,,,*4C

\$GPGGA,081207,3452.8564,N,07439.2844,W,2,5,0.3,5,M,,M,,*60

\$HEHDT,44.7,T*18

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PORT 4 04-06-2014 08:12:58

\$GPGLL,3452.8564,N,07439.2844,W,081207,A*38

\$GPRMC,081207,A,3452.8564,N,07439.2844,W,5.1,46.7,060414,11.9,W*79

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\$GPVTG,46.7,T,58.6,M,5.1,N,9.4,K*49
\$GPZDA,081207,06,04,2014,00,00*41
\$HEHDT,44.7,T*18
\$GPGBS,081207,,,,,,,,*4D
\$GPGGA,081208,3452.8575,N,07439.2833,W,2,6,0.3,5,M,,M,,*6C
\$HEHDT,44.9,T*16

PORT 4 04-06-2014 08:12:59
\$GPGLL,3452.8575,N,07439.2833,W,081208,A*37
\$GPRMC,081208,A,3452.8575,N,07439.2833,W,5.1,46.5,060414,11.9,w*74
\$GPVTG,46.5,T,58.4,M,5.1,N,9.4,K*49
\$GPZDA,081208,06,04,2014,00,00*4E
\$GPGBS,081208,,,,,,,,*42
\$GPGGA,081209,3452.8588,N,07439.2822,W,2,6,0.3,5,M,,M,,*6F
\$HEHDT,44.9,T*16

PORT 4 04-06-2014 08:13:00
\$GPGLL,3452.8588,N,07439.2822,W,081209,A*34
\$HEHDT,45.1,T*1F
\$GPRMC,081209,A,3452.8588,N,07439.2822,W,5.1,45.7,060414,11.9,w*76
\$GPVTG,45.7,T,57.6,M,5.1,N,9.4,K*45
\$GPZDA,081209,06,04,2014,00,00*4F
\$GPGBS,081209,,,,,,,,*43
\$GPGGA,081210,3452.8599,N,07439.2809,W,2,6,0.3,5,M,,M,,*6E
\$HEHDT,45.0,T*1E

PORT 4 04-06-2014 08:13:01
\$GPGLL,3452.8599,N,07439.2809,W,081210,A*35
\$GPRMC,081210,A,3452.8599,N,07439.2809,W,5.1,44.8,060414,11.9,w*79
\$HEHDT,45.0,T*1E
\$GPVTG,44.8,T,56.7,M,5.1,N,9.4,K*4B
\$GPZDA,081210,06,04,2014,00,00*47
\$GPGBS,081210,,,,,,,,*4B
\$GPGGA,081211,3452.8609,N,07439.2796,W,2,6,0.6,5,M,,M,,*69
\$HEHDT,44.7,T*18

PORT 4 04-06-2014 08:13:02
\$GPGLL,3452.8609,N,07439.2796,W,081211,A*37
\$GPRMC,081211,A,3452.8609,N,07439.2796,W,5.2,44.6,060414,11.9,w*76
\$HEHDT,44.7,T*18
\$GPVTG,44.6,T,56.5,M,5.2,N,9.6,K*46
\$GPZDA,081211,06,04,2014,00,00*46
\$GPGBS,081211,,,,,,,,*4A
\$GPGGA,081212,3452.8620,N,07439.2782,W,2,8,0.3,5,M,,M,,*6F
\$HEHDT,44.6,T*19
\$GPGLL,3452.8620,N,07439.2782,W,081212,A*3A
\$GPRMC,081212,A,3452.8620,N,07439.2782,W,5.2,45.1,060414,11.9,w*7D
\$GPVTG,45.1,T,57.0,M,5.2,N,9.6,K*44
\$GPZDA,081212,06,04,2014,00,00*45
\$HEHDT,44.6,T*19
\$GPGBS,081212,,,,,,,,*49
\$GPGGA,081213,3452.8629,N,07439.2769,W,2,8,0.3,5,M,,M,,*62
PORT 12000 04-06-2014 08:13:02
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:13:03
\$HEHDT,44.2,T*1D
\$GPGLL,3452.8629,N,07439.2769,W,081213,A*37
\$GPRMC,081213,A,3452.8629,N,07439.2769,W,5.2,45.4,060414,11.9,w*75
\$GPVTG,45.4,T,57.3,M,5.2,N,9.6,K*42
\$GPZDA,081213,06,04,2014,00,00*44
\$GPGBS,081213,,,,,,,,*48
\$HEHDT,44.5,T*1A

S01_C04_survey.Log

\$GPGGA,081214,3452.8638,N,07439.2756,W,2,8,0.3,5,M,,M,,*69

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PORT 4 04-06-2014 08:13:04

\$HEHDT,44.5,T*1A

\$GPGLL,3452.8638,N,07439.2756,W,081214,A*3C

\$GPRMC,081214,A,3452.8638,N,07439.2756,W,5.2,45.7,060414,11.9,W*7D

\$GPVTG,45.7,T,57.6,M,5.2,N,9.6,K*44

\$GPZDA,081214,06,04,2014,00,00*43

\$GPGBS,081214,,,,,,,,*4F

\$GPGGA,081215,3452.8647,N,07439.2743,W,2,8,0.3,5,M,,M,,*64

\$HEHDT,44.1,T*1E

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PORT 4 04-06-2014 08:13:05

\$GPGLL,3452.8647,N,07439.2743,W,081215,A*31

\$HEHDT,44.4,T*1B

\$GPRMC,081215,A,3452.8647,N,07439.2743,W,5.1,46.1,060414,11.9,W*76

\$GPVTG,46.1,T,58.0,M,5.1,N,9.4,K*49

\$GPZDA,081215,06,04,2014,00,00*42

\$GPGBS,081215,,,,,,,,*4E

\$GPGGA,081216,3452.8658,N,07439.2731,W,2,8,0.3,5,M,,M,,*6C

\$HEHDT,44.2,T*1D

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PORT 4 04-06-2014 08:13:06

\$GPGLL,3452.8658,N,07439.2731,W,081216,A*39

\$GPRMC,081216,A,3452.8658,N,07439.2731,W,5.1,46.3,060414,11.9,W*7C

\$HEHDT,44.3,T*1C

\$GPVTG,46.3,T,58.2,M,5.1,N,9.4,K*49

\$GPZDA,081216,06,04,2014,00,00*41

\$GPGBS,081216,,,,,,,,*4D

\$GPGGA,081217,3452.8669,N,07439.2719,W,2,8,0.3,5,M,,M,,*65

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PORT 4 04-06-2014 08:13:07

\$HEHDT,44.2,T*1D

\$GPGLL,3452.8669,N,07439.2719,W,081217,A*30

\$GPRMC,081217,A,3452.8669,N,07439.2719,W,5.2,46.0,060414,11.9,W*75

\$HEHDT,44.5,T*1A

\$GPVTG,46.0,T,57.9,M,5.2,N,9.6,K*4F

\$GPZDA,081217,06,04,2014,00,00*40

\$GPGBS,081217,,,,,,,,*4C

\$GPGGA,081218,3452.8680,N,07439.2708,W,2,6,0.3,5,M,,M,,*63

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PORT 4 04-06-2014 08:13:08

\$HEHDT,44.2,T*1D

\$GPGLL,3452.8680,N,07439.2708,W,081218,A*38

\$GPRMC,081218,A,3452.8680,N,07439.2708,W,5.2,45.3,060414,11.9,W*7D

\$GPVTG,45.3,T,57.2,M,5.2,N,9.6,K*44

\$GPZDA,081218,06,04,2014,00,00*4F

\$GPGBS,081218,,,,,,,,*43

\$HEHDT,44.6,T*19

\$GPGGA,081219,3452.8691,N,07439.2697,W,2,6,0.3,5,M,,M,,*65

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PORT 4 04-06-2014 08:13:09

\$HEHDT,44.6,T*19

\$GPGLL,3452.8691,N,07439.2697,W,081219,A*3E

\$GPRMC,081219,A,3452.8691,N,07439.2697,W,5.1,44.5,060414,11.9,W*7F

\$GPVTG,44.5,T,56.4,M,5.1,N,9.4,K*45

\$GPZDA,081219,06,04,2014,00,00*4E

\$GPGBS,081219,,,,,,,,*42

\$GPGGA,081220,3452.8701,N,07439.2685,W,2,5,0.4,5,M,,M,,*60

\$HEHDT,44.8,T*17

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PORT 4 04-06-2014 08:13:10

\$HEHDT,44.6,T*19

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\$GPGLL,3452.8701,N,07439.2685,W,081220,A*3F
\$GPRMC,081220,A,3452.8701,N,07439.2685,W,5.1,43.7,060414,11.9,w*7B
\$GPVTG,43.7,T,55.6,M,5.1,N,9.4,K*41
\$GPZDA,081220,06,04,2014,00,00*44
\$GPGBS,081220,,,,,,,,*48
\$GPGGA,081221,3452.8712,N,07439.2669,W,2,5,0.3,5,M,,M,,*66
\$HEHDT,44.4,T*1B

PORT 4 04-06-2014 08:13:11
\$GPGLL,3452.8712,N,07439.2669,W,081221,A*3E
\$GPRMC,081221,A,3452.8712,N,07439.2669,W,5.1,43.5,060414,11.9,w*78
\$HEHDT,44.3,T*1C
\$GPVTG,43.5,T,55.4,M,5.1,N,9.4,K*41
\$GPZDA,081221,06,04,2014,00,00*45
\$GPGBS,081221,,,,,,,,*49
\$GPGGA,081222,3452.8723,N,07439.2653,W,2,5,0.4,5,M,,M,,*69
\$HEHDT,44.2,T*1D

PORT 4 04-06-2014 08:13:13
\$GPGLL,3452.8723,N,07439.2653,W,081222,A*36
\$GPRMC,081222,A,3452.8723,N,07439.2653,W,5.2,44.9,060414,11.9,w*78
\$HEHDT,43.8,T*10
\$GPVTG,44.9,T,56.8,M,5.2,N,9.6,K*44
\$GPZDA,081222,06,04,2014,00,00*46
\$GPGBS,081222,,,,,,,,*4A
\$GPGGA,081223,3452.8733,N,07439.2640,W,2,5,0.4,5,M,,M,,*6B
\$HEHDT,43.9,T*11
PORT 12000 04-06-2014 08:13:13
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:13:14
\$GPGLL,3452.8733,N,07439.2640,W,081223,A*34
\$GPRMC,081223,A,3452.8733,N,07439.2640,W,5.3,46.1,060414,11.9,w*71
\$GPVTG,46.1,T,58.0,M,5.3,N,9.8,K*47
\$HEHDT,43.5,T*1D
\$GPZDA,081223,06,04,2014,00,00*47
\$GPGBS,081223,,,,,,,,*4B
\$GPGGA,081224,3452.8743,N,07439.2630,W,2,8,0.3,5,M,,M,,*66
\$HEHDT,43.7,T*1F
\$GPGLL,3452.8743,N,07439.2630,W,081224,A*33
\$GPRMC,081224,A,3452.8743,N,07439.2630,W,5.2,46.4,060414,11.9,w*72
\$GPVTG,46.4,T,58.3,M,5.2,N,9.6,K*4E
\$GPZDA,081224,06,04,2014,00,00*40
\$GPGBS,081224,,,,,,,,*4C
\$HEHDT,44.0,T*1F
\$GPGGA,081225,3452.8752,N,07439.2619,W,2,8,0.3,5,M,,M,,*6C

PORT 4 04-06-2014 08:13:15
\$GPGLL,3452.8752,N,07439.2619,W,081225,A*39
\$HEHDT,43.8,T*10
\$GPRMC,081225,A,3452.8752,N,07439.2619,W,5.2,45.6,060414,11.9,w*79
\$GPVTG,45.6,T,57.5,M,5.2,N,9.6,K*46
\$GPZDA,081225,06,04,2014,00,00*41
\$GPGBS,081225,,,,,,,,*4D
\$GPGGA,081226,3452.8765,N,07439.2607,W,2,8,0.3,5,M,,M,,*64
\$HEHDT,44.1,T*1E

PORT 4 04-06-2014 08:13:16
\$GPGLL,3452.8765,N,07439.2607,W,081226,A*31
\$GPRMC,081226,A,3452.8765,N,07439.2607,W,5.1,44.7,060414,11.9,w*72
\$HEHDT,44.1,T*1E
\$GPVTG,44.7,T,56.6,M,5.1,N,9.4,K*45
\$GPZDA,081226,06,04,2014,00,00*42

S01_C04_survey.Log

\$GPGBS,081226,,,,,,,,*4E
\$GPGBA,081227,3452.8773,N,07439.2593,W,2,8,0.3,5,M,,M,,*6C
\$HEHDT,43.6,T*1E

PORT 4 04-06-2014 08:13:18
\$GPGLL,3452.8773,N,07439.2593,W,081227,A*39
\$GPRMC,081227,A,3452.8773,N,07439.2593,W,5.2,44.2,060414,11.9,W*7C
\$HEHDT,43.7,T*1F
\$GPVTG,44.2,T,56.1,M,5.2,N,9.6,K*46
\$GPZDA,081227,06,04,2014,00,00*43
\$GPGBS,081227,,,,,,,,*4F
\$GPGBA,081228,3452.8781,N,07439.2581,W,2,8,0.4,5,M,,M,,*6A
\$HEHDT,43.7,T*1F

PORT 4 04-06-2014 08:13:19
\$GPGLL,3452.8781,N,07439.2581,W,081228,A*38
\$GPRMC,081228,A,3452.8781,N,07439.2581,W,5.3,44.0,060414,11.9,W*7E
\$GPVTG,44.0,T,55.9,M,5.3,N,9.8,K*40
\$HEHDT,43.5,T*1D
\$GPZDA,081228,06,04,2014,00,00*4C
\$GPGBS,081228,,,,,,,,*40
\$GPGBA,081229,3452.8791,N,07439.2571,W,2,8,0.4,5,M,,M,,*65
\$HEHDT,43.9,T*11

PORT 4 04-06-2014 08:13:20
\$GPGLL,3452.8791,N,07439.2571,W,081229,A*37
\$GPRMC,081229,A,3452.8791,N,07439.2571,W,5.2,44.0,060414,11.9,W*70
\$GPVTG,44.0,T,55.9,M,5.2,N,9.6,K*4F
\$GPZDA,081229,06,04,2014,00,00*4D
\$HEHDT,43.7,T*1F
\$GPGBS,081229,,,,,,,,*41
\$GPGBA,081230,3452.8802,N,07439.2558,W,2,9,0.3,5,M,,M,,*65

PORT 4 04-06-2014 08:13:21
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\$GPGLL,3452.8802,N,07439.2558,W,081230,A*31
\$GPRMC,081230,A,3452.8802,N,07439.2558,W,5.1,44.0,060414,11.9,W*75
\$GPVTG,44.0,T,55.9,M,5.1,N,9.4,K*4E
\$GPZDA,081230,06,04,2014,00,00*45
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\$GPGBA,081231,3452.8812,N,07439.2545,W,2,9,0.3,5,M,,M,,*69
\$HEHDT,43.3,T*1B
\$GPGLL,3452.8812,N,07439.2545,W,081231,A*3D
\$GPRMC,081231,A,3452.8812,N,07439.2545,W,5.1,44.4,060414,11.9,W*7D
\$HEHDT,43.3,T*1B
\$GPVTG,44.4,T,56.3,M,5.1,N,9.4,K*43
\$GPZDA,081231,06,04,2014,00,00*44
\$GPGBS,081231,,,,,,,,*48
\$GPGBA,081232,3452.8821,N,07439.2532,W,2,8,0.3,5,M,,M,,*6B
\$HEHDT,42.7,T*1E

PORT 4 04-06-2014 08:13:23
\$GPGLL,3452.8821,N,07439.2532,W,081232,A*3E
\$GPRMC,081232,A,3452.8821,N,07439.2532,W,5.2,45.3,060414,11.9,W*7B
\$HEHDT,42.9,T*10
\$GPVTG,45.3,T,57.2,M,5.2,N,9.6,K*44
\$GPZDA,081232,06,04,2014,00,00*47
\$GPGBS,081232,,,,,,,,*4B
\$GPGBA,081233,3452.8831,N,07439.2519,W,2,8,0.3,5,M,,M,,*62
\$HEHDT,42.8,T*11
PORT 12000 04-06-2014 08:13:23
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PORT 4 04-06-2014 08:13:24
\$GPGLL,3452.8831,N,07439.2519,W,081233,A*37
\$GPRMC,081233,A,3452.8831,N,07439.2519,W,5.2,45.9,060414,11.9,w*78
\$HEHDT,42.9,T*10
\$GPVTG,45.9,T,57.8,M,5.2,N,9.6,K*44
\$GPZDA,081233,06,04,2014,00,00*46
\$GPGGBS,081233,,,,,,,,*4A
\$GPGGA,081234,3452.8842,N,07439.2508,W,2,8,0.3,5,M,,M,,*61
\$HEHDT,42.6,T*1F

PORT 4 04-06-2014 08:13:25
\$GPGLL,3452.8842,N,07439.2508,W,081234,A*34
\$GPRMC,081234,A,3452.8842,N,07439.2508,W,5.1,45.7,060414,11.9,w*76
\$GPVTG,45.7,T,57.6,M,5.1,N,9.4,K*45
\$GPZDA,081234,06,04,2014,00,00*41
\$HEHDT,43.0,T*18
\$GPGGBS,081234,,,,,,,,*4D
\$GPGGA,081235,3452.8853,N,07439.2497,W,2,8,0.3,5,M,,M,,*67

PORT 4 04-06-2014 08:13:26
\$HEHDT,43.1,T*19
\$GPGLL,3452.8853,N,07439.2497,W,081235,A*32
\$GPRMC,081235,A,3452.8853,N,07439.2497,W,5.1,45.0,060414,11.9,w*77
\$GPVTG,45.0,T,56.9,M,5.1,N,9.4,K*4C
\$GPZDA,081235,06,04,2014,00,00*40
\$GPGGBS,081235,,,,,,,,*4C
\$HEHDT,43.4,T*1C
\$GPGGA,081236,3452.8866,N,07439.2485,W,2,9,0.3,5,M,,M,,*60

PORT 4 04-06-2014 08:13:27
\$HEHDT,43.3,T*1B
\$GPGLL,3452.8866,N,07439.2485,W,081236,A*34
\$GPRMC,081236,A,3452.8866,N,07439.2485,W,5.1,44.1,060414,11.9,w*71
\$GPVTG,44.1,T,56.0,M,5.1,N,9.4,K*45
\$GPZDA,081236,06,04,2014,00,00*43
\$GPGGBS,081236,,,,,,,,*4F
\$GPGGA,081237,3452.8877,N,07439.2474,W,2,9,0.3,5,M,,M,,*6F
\$HEHDT,43.3,T*1B

PORT 4 04-06-2014 08:13:28
\$GPGLL,3452.8877,N,07439.2474,W,081237,A*3B
\$HEHDT,43.1,T*19
\$GPRMC,081237,A,3452.8877,N,07439.2474,W,5.2,43.1,060414,11.9,w*7A
\$GPVTG,43.1,T,55.0,M,5.2,N,9.6,K*40
\$GPZDA,081237,06,04,2014,00,00*42
\$GPGGBS,081237,,,,,,,,*4E
\$GPGGA,081238,3452.8885,N,07439.2461,W,2,8,0.3,5,M,,M,,*68
\$HEHDT,42.9,T*10

PORT 4 04-06-2014 08:13:29
\$GPGLL,3452.8885,N,07439.2461,W,081238,A*3D
\$GPRMC,081238,A,3452.8885,N,07439.2461,W,5.2,42.8,060414,11.9,w*74
\$HEHDT,43.0,T*18
\$GPVTG,42.8,T,54.7,M,5.2,N,9.6,K*4E
\$GPZDA,081238,06,04,2014,00,00*4D
\$GPGGBS,081238,,,,,,,,*41
\$GPGGA,081239,3452.8896,N,07439.2448,W,2,8,0.3,5,M,,M,,*60
\$HEHDT,42.5,T*1C

PORT 4 04-06-2014 08:13:30
\$GPGLL,3452.8896,N,07439.2448,W,081239,A*35
\$GPRMC,081239,A,3452.8896,N,07439.2448,W,5.1,43.6,060414,11.9,w*70
\$GPVTG,43.6,T,55.5,M,5.1,N,9.4,K*43

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\$GPZDA,081239,06,04,2014,00,00*4C
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\$GPGBS,081239,,,,,*40
\$GPGGA,081240,3452.8906,N,07439.2434,W,2,8,0.3,5,M,,M,,*6D
\$HEHDT,42.8,T*11

PORT 4 04-06-2014 08:13:31
\$GPGLL,3452.8906,N,07439.2434,W,081240,A*38
\$GPRMC,081240,A,3452.8906,N,07439.2434,W,5.2,44.6,060414,11.9,W*79
\$GPVTG,44.6,T,56.5,M,5.2,N,9.6,K*46
\$GPZDA,081240,06,04,2014,00,00*42
\$GPGBS,081240,,,,,*4E
\$HEHDT,42.7,T*1E
\$GPGGA,081241,3452.8915,N,07439.2422,W,2,8,0.3,5,M,,M,,*69

PORT 4 04-06-2014 08:13:32
\$HEHDT,42.9,T*10
\$GPGLL,3452.8915,N,07439.2422,W,081241,A*3C
\$GPRMC,081241,A,3452.8915,N,07439.2422,W,5.2,45.1,060414,11.9,W*7B
\$GPVTG,45.1,T,57.0,M,5.2,N,9.6,K*44
\$GPZDA,081241,06,04,2014,00,00*43
\$GPGBS,081241,,,,,*4F
\$GPGGA,081242,3452.8925,N,07439.2411,W,2,9,0.3,5,M,,M,,*68
\$HEHDT,43.0,T*18
PORT 12000 04-06-2014 08:13:32
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PORT 5 04-06-2014 08:13:33
IN
PORT 4 04-06-2014 08:13:33
\$HEHDT,42.9,T*10
\$GPGLL,3452.8915,N,07439.2422,W,081241,A*3C
\$GPRMC,081241,A,3452.8915,N,07439.2422,W,5.2,45.1,060414,11.9,W*7B
\$GPVTG,45.1,T,57.0,M,5.2,N,9.6,K*44
\$GPZDA,081241,06,04,2014,00,00*43
\$GPGBS,081241,,,,,*4F
\$GPGGA,081242,3452.8925,N,07439.2411,W,2,9,0.3,5,M,,M,,*68
\$HEHDT,43.0,T*18
\$GPGLL,3452.8925,N,07439.2411,W,081242,A*3C
\$HEHDT,42.8,T*11
\$GPRMC,081242,A,3452.8925,N,07439.2411,W,5.1,45.5,060414,11.9,W*7C
\$GPVTG,45.5,T,57.4,M,5.1,N,9.4,K*45
\$GPZDA,081242,06,04,2014,00,00*40
\$GPGBS,081242,,,,,*4C
\$GPGGA,081243,3452.8936,N,07439.2400,W,2,9,0.3,6,M,,M,,*68
\$HEHDT,43.3,T*1B
\$GPGLL,3452.8936,N,07439.2400,W,081243,A*3F
\$GPRMC,081243,A,3452.8936,N,07439.2400,W,5.0,45.3,060414,11.9,W*78
\$HEHDT,42.8,T*11
\$GPVTG,45.3,T,57.2,M,5.0,N,9.3,K*43
\$GPZDA,081243,06,04,2014,00,00*41
\$GPGBS,081243,,,,,*4D
\$GPGGA,081244,3452.8947,N,07439.2388,W,2,8,0.3,6,M,,M,,*6F
\$HEHDT,42.9,T*10

PORT 4 04-06-2014 08:13:35
\$GPGLL,3452.8947,N,07439.2388,W,081244,A*39
\$GPRMC,081244,A,3452.8947,N,07439.2388,W,5.1,44.3,060414,11.9,W*7E
\$GPVTG,44.3,T,56.2,M,5.1,N,9.4,K*45
\$HEHDT,42.9,T*10
\$GPZDA,081244,06,04,2014,00,00*46
\$GPGBS,081244,,,,,*4A
\$GPGGA,081245,3452.8958,N,07439.2377,W,2,8,0.3,6,M,,M,,*60

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PORT 4 04-06-2014 08:13:36
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$GPGLL,3452.8958,N,07439.2377,W,081245,A*36
$GPRMC,081245,A,3452.8958,N,07439.2377,W,5.2,43.6,060414,11.9,W*70
$GPVTG,43.6,T,55.5,M,5.2,N,9.6,K*42
$GPZDA,081245,06,04,2014,00,00*47
$HEHDT,42.8,T*11
$GPGBS,081245,,,,,,,,*4B
$GPGGA,081246,3452.8968,N,07439.2366,W,2,9,0.3,6,M,,M,,*61
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PORT 5 04-06-2014 08:13:37
04139 ms
*
PORT 4 04-06-2014 08:13:37
$HEHDT,42.6,T*1F
$GPGLL,3452.8968,N,07439.2366,W,081246,A*36
$GPRMC,081246,A,3452.8968,N,07439.2366,W,5.1,43.2,060414,11.9,W*77
$GPVTG,43.2,T,55.1,M,5.1,N,9.4,K*43
$GPZDA,081246,06,04,2014,00,00*44
$GPGBS,081246,,,,,,,,*48
$GPGGA,081247,3452.8978,N,07439.2354,W,2,9,0.3,6,M,,M,,*60
$HEHDT,43.0,T*18
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PORT 4 04-06-2014 08:13:38
$GPGLL,3452.8978,N,07439.2354,W,081247,A*37
$HEHDT,42.9,T*10
$GPRMC,081247,A,3452.8978,N,07439.2354,W,5.0,43.0,060414,11.9,W*75
$GPVTG,43.0,T,54.9,M,5.0,N,9.3,K*4E
$GPZDA,081247,06,04,2014,00,00*45
$GPGBS,081247,,,,,,,,*49
$GPGGA,081248,3452.8989,N,07439.2341,W,2,9,0.3,6,M,,M,,*65
$HEHDT,43.1,T*19
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PORT 4 04-06-2014 08:13:39
$GPGLL,3452.8989,N,07439.2341,W,081248,A*32
$GPRMC,081248,A,3452.8989,N,07439.2341,W,5.0,43.2,060414,11.9,W*72
$HEHDT,42.9,T*10
$GPVTG,43.2,T,55.1,M,5.0,N,9.3,K*45
$GPZDA,081248,06,04,2014,00,00*4A
$GPGBS,081248,,,,,,,,*46
$GPGGA,081249,3452.8998,N,07439.2328,W,2,9,0.3,6,M,,M,,*6B
$HEHDT,42.7,T*1E
#
PORT 4 04-06-2014 08:13:40
$GPGLL,3452.8998,N,07439.2328,W,081249,A*3C
$GPRMC,081249,A,3452.8998,N,07439.2328,W,5.1,43.7,060414,11.9,W*78
$GPVTG,43.7,T,55.6,M,5.1,N,9.4,K*41
$HEHDT,42.8,T*11
$GPZDA,081249,06,04,2014,00,00*4B
$GPGBS,081249,,,,,,,,*47
$GPGGA,081250,3452.9008,N,07439.2315,W,2,8,0.3,6,M,,M,,*6D
$HEHDT,42.5,T*1C
#
PORT 4 04-06-2014 08:13:41
$GPGLL,3452.9008,N,07439.2315,W,081250,A*3B
$GPRMC,081250,A,3452.9008,N,07439.2315,W,5.1,44.5,060414,11.9,W*7A
$GPVTG,44.5,T,56.4,M,5.1,N,9.4,K*45
$GPZDA,081250,06,04,2014,00,00*43
$HEHDT,42.8,T*11
$GPGBS,081250,,,,,,,,*4F
$GPGGA,081251,3452.9018,N,07439.2303,W,2,8,0.3,6,M,,M,,*6A
$HEHDT,42.8,T*11

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s01_c04_survey.Log

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PORT 4 04-06-2014 08:13:42
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$GPRMC,081251,A,3452.9018,N,07439.2303,W,5.1,45.2,060414,11.9,w*7B
$GPVTG,45.2,T,57.1,M,5.1,N,9.4,K*47
$GPZDA,081251,06,04,2014,00,00*42
$GPGBS,081251,,,,,,,,*4E
$GPGBS,081252,3452.9027,N,07439.2291,W,2,8,0.3,6,M,,M,,*6F
$HEHDT,42.8,T*11
PORT 12000 04-06-2014 08:13:42
$PPWBA,d2pc15,192.168.2.151,online
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PORT 4 04-06-2014 08:13:43
$GPGLL,3452.9027,N,07439.2291,W,081252,A*39
$HEHDT,42.8,T*11
$GPRMC,081252,A,3452.9027,N,07439.2291,W,5.0,45.5,060414,11.9,w*78
$GPVTG,45.5,T,57.4,M,5.0,N,9.3,K*43
$GPZDA,081252,06,04,2014,00,00*41
$GPGBS,081252,,,,,,,,*4D
$GPGBS,081253,3452.9040,N,07439.2280,W,2,8,0.3,6,M,,M,,*6F
$HEHDT,42.7,T*1E
#
PORT 4 04-06-2014 08:13:44
$GPGLL,3452.9040,N,07439.2280,W,081253,A*39
$GPRMC,081253,A,3452.9040,N,07439.2280,W,5.1,45.1,060414,11.9,w*7D
$HEHDT,42.6,T*1F
$GPVTG,45.1,T,57.0,M,5.1,N,9.4,K*45
$GPZDA,081253,06,04,2014,00,00*40
$GPGBS,081253,,,,,,,,*4C
$GPGBS,081254,3452.9051,N,07439.2270,W,2,9,0.3,6,M,,M,,*66
$HEHDT,42.4,T*1D
#
PORT 4 04-06-2014 08:13:45
$GPGLL,3452.9051,N,07439.2270,W,081254,A*31
$GPRMC,081254,A,3452.9051,N,07439.2270,W,5.1,44.1,060414,11.9,w*74
$HEHDT,42.4,T*1D
$GPVTG,44.1,T,56.0,M,5.1,N,9.4,K*45
$GPZDA,081254,06,04,2014,00,00*47
$GPGBS,081254,,,,,,,,*4B
$GPGBS,081255,3452.9061,N,07439.2260,W,2,9,0.3,6,M,,M,,*65
$HEHDT,42.3,T*1A
#
PORT 4 04-06-2014 08:13:46
$GPGLL,3452.9061,N,07439.2260,W,081255,A*32
$GPRMC,081255,A,3452.9061,N,07439.2260,W,5.1,43.0,060414,11.9,w*71
$GPVTG,43.0,T,54.9,M,5.1,N,9.4,K*48
$HEHDT,42.6,T*1F
$GPZDA,081255,06,04,2014,00,00*46
$GPGBS,081255,,,,,,,,*4A
$GPGBS,081256,3452.9072,N,07439.2249,W,2,9,0.3,6,M,,M,,*6F
$HEHDT,42.6,T*1F
$GPGLL,3452.9072,N,07439.2249,W,081256,A*38
$GPRMC,081256,A,3452.9072,N,07439.2249,W,5.0,42.3,060414,11.9,w*78
$GPVTG,42.3,T,54.2,M,5.0,N,9.3,K*47
$GPZDA,081256,06,04,2014,00,00*45
$GPGBS,081256,,,,,,,,*49
$HEHDT,42.7,T*1E
$GPGBS,081257,3452.9081,N,07439.2238,W,2,9,0.3,6,M,,M,,*64
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PORT 4 04-06-2014 08:13:48
$HEHDT,42.4,T*1D
$GPGLL,3452.9081,N,07439.2238,W,081257,A*33
$GPRMC,081257,A,3452.9081,N,07439.2238,W,5.0,41.9,060414,11.9,w*7A
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\$GPVTG,41.9,T,53.8,M,5.0,N,9.3,K*43
\$GPZDA,081257,06,04,2014,00,00*44
\$GPGBS,081257,,,,,,*48
\$HEHDT,42.6,T*1F
\$GPGGA,081258,3452.9091,N,07439.2225,W,2,9,0.3,6,M,,M,,*66

PORT 4 04-06-2014 08:13:49
\$GPGLL,3452.9091,N,07439.2225,W,081258,A*31
\$HEHDT,42.6,T*1F
\$GPRMC,081258,A,3452.9091,N,07439.2225,W,5.0,43.1,060414,11.9,w*72
\$GPVTG,43.1,T,55.0,M,5.0,N,9.3,K*47
\$GPZDA,081258,06,04,2014,00,00*4B
\$GPGBS,081258,,,,,,*47
\$GPGGA,081259,3452.9099,N,07439.2212,W,2,9,0.3,6,M,,M,,*6B
\$HEHDT,42.5,T*1C

PORT 4 04-06-2014 08:13:50
\$GPGLL,3452.9099,N,07439.2212,W,081259,A*3C
\$GPRMC,081259,A,3452.9099,N,07439.2212,W,5.0,43.1,060414,11.9,w*7F
\$HEHDT,42.2,T*1B
\$GPVTG,43.1,T,55.0,M,5.0,N,9.3,K*47
\$GPZDA,081259,06,04,2014,00,00*4A
\$GPGBS,081259,,,,,,*46
\$GPGGA,081300,3452.9109,N,07439.2199,W,2,9,0.3,6,M,,M,,*6E
\$HEHDT,42.3,T*1A

PORT 4 04-06-2014 08:13:51
\$GPGLL,3452.9109,N,07439.2199,W,081300,A*39
\$GPRMC,081300,A,3452.9109,N,07439.2199,W,5.0,44.4,060414,11.9,w*78
\$GPVTG,44.4,T,56.3,M,5.0,N,9.3,K*45
\$HEHDT,42.0,T*19
\$GPZDA,081300,06,04,2014,00,00*47
\$GPGBS,081300,,,,,,*4B
\$GPGGA,081301,3452.9120,N,07439.2186,W,2,9,0.3,6,M,,M,,*6A
\$HEHDT,42.2,T*1B

PORT 4 04-06-2014 08:13:52
\$GPGLL,3452.9120,N,07439.2186,W,081301,A*3D
\$GPRMC,081301,A,3452.9120,N,07439.2186,W,5.0,45.1,060414,11.9,w*78
\$GPVTG,45.1,T,57.0,M,5.0,N,9.3,K*43
\$HEHDT,42.1,T*18
\$GPZDA,081301,06,04,2014,00,00*46
\$GPGBS,081301,,,,,,*4A
\$GPGGA,081302,3452.9133,N,07439.2175,W,2,9,0.3,6,M,,M,,*67
\$HEHDT,42.6,T*1F
PORT 12000 04-06-2014 08:13:52
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:13:53
\$GPGLL,3452.9133,N,07439.2175,W,081302,A*30
\$GPRMC,081302,A,3452.9133,N,07439.2175,W,5.1,44.1,060414,11.9,w*75
\$GPVTG,44.1,T,56.0,M,5.1,N,9.4,K*45
\$GPZDA,081302,06,04,2014,00,00*45
\$GPGBS,081302,,,,,,*49
\$HEHDT,42.7,T*1E
\$GPGGA,081303,3452.9145,N,07439.2164,W,2,9,0.3,6,M,,M,,*67
\$GPGLL,3452.9145,N,07439.2164,W,081303,A*30
\$HEHDT,42.5,T*1C
\$GPRMC,081303,A,3452.9145,N,07439.2164,W,5.1,43.0,060414,11.9,w*73
\$GPVTG,43.0,T,54.9,M,5.1,N,9.4,K*48
\$GPZDA,081303,06,04,2014,00,00*44
\$GPGBS,081303,,,,,,*48
\$GPGGA,081304,3452.9155,N,07439.2153,W,2,9,0.3,6,M,,M,,*65

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\$HEHDT,42.2,T*1B

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PORT 4 04-06-2014 08:13:54

\$GPGLL,3452.9155,N,07439.2153,W,081304,A*32

\$HEHDT,42.2,T*1B

\$GPRMC,081304,A,3452.9155,N,07439.2153,W,5.1,43.0,060414,11.9,W*71

\$GPVTG,43.0,T,54.9,M,5.1,N,9.4,K*48

\$GPZDA,081304,06,04,2014,00,00*43

\$GPGBS,081304,,,,,,,,*4F

\$GPGGA,081305,3452.9166,N,07439.2143,W,2,9,0.3,7,M,,M,,*64

\$HEHDT,42.3,T*1A

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PORT 4 04-06-2014 08:13:55

\$GPGLL,3452.9166,N,07439.2143,W,081305,A*32

\$GPRMC,081305,A,3452.9166,N,07439.2143,W,5.0,41.7,060414,11.9,W*75

\$HEHDT,42.3,T*1A

\$GPVTG,41.7,T,53.6,M,5.0,N,9.3,K*43

\$GPZDA,081305,06,04,2014,00,00*42

\$GPGBS,081305,,,,,,,,*4E

\$GPGGA,081306,3452.9178,N,07439.2133,W,2,9,0.3,7,M,,M,,*6F

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PORT 4 04-06-2014 08:13:56

\$HEHDT,42.5,T*1C

\$GPGLL,3452.9178,N,07439.2133,W,081306,A*39

\$GPRMC,081306,A,3452.9178,N,07439.2133,W,5.1,40.8,060414,11.9,W*71

\$GPVTG,40.8,T,52.7,M,5.1,N,9.4,K*4B

\$HEHDT,42.5,T*1C

\$GPZDA,081306,06,04,2014,00,00*41

\$GPGBS,081306,,,,,,,,*4D

\$GPGGA,081307,3452.9189,N,07439.2121,W,2,9,0.3,7,M,,M,,*63

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PORT 4 04-06-2014 08:13:58

\$HEHDT,42.4,T*1D

\$GPGLL,3452.9189,N,07439.2121,W,081307,A*35

\$GPRMC,081307,A,3452.9189,N,07439.2121,W,5.1,41.0,060414,11.9,W*74

\$GPVTG,41.0,T,52.9,M,5.1,N,9.4,K*4C

\$GPZDA,081307,06,04,2014,00,00*40

\$HEHDT,42.6,T*1F

\$GPGBS,081307,,,,,,,,*4C

\$GPGGA,081308,3452.9198,N,07439.2108,W,2,9,0.3,7,M,,M,,*67

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PORT 4 04-06-2014 08:13:59

\$HEHDT,42.6,T*1F

\$GPGLL,3452.9198,N,07439.2108,W,081308,A*31

\$GPRMC,081308,A,3452.9198,N,07439.2108,W,5.1,42.5,060414,11.9,W*76

\$GPVTG,42.5,T,54.4,M,5.1,N,9.4,K*41

\$GPZDA,081308,06,04,2014,00,00*4F

\$GPGBS,081308,,,,,,,,*43

\$GPGGA,081309,3452.9206,N,07439.2095,W,2,9,0.3,7,M,,M,,*67

\$HEHDT,42.5,T*1C

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PORT 4 04-06-2014 08:14:00

\$GPGLL,3452.9206,N,07439.2095,W,081309,A*31

\$GPRMC,081309,A,3452.9206,N,07439.2095,W,5.0,44.1,060414,11.9,W*75

\$GPVTG,44.1,T,56.0,M,5.0,N,9.3,K*43

\$GPZDA,081309,06,04,2014,00,00*4E

\$GPGBS,081309,,,,,,,,*42

\$GPGGA,081310,3452.9214,N,07439.2082,W,2,8,0.3,7,M,,M,,*6B

\$HEHDT,42.3,T*1A

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PORT 4 04-06-2014 08:14:01

\$GPGLL,3452.9214,N,07439.2082,W,081310,A*3C

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\$GPRMC,081310,A,3452.9214,N,07439.2082,W,5.0,44.9,060414,11.9,w*70
 \$HEHDT,42.1,T*18
 \$GPVTG,44.9,T,56.8,M,5.0,N,9.3,K*43
 \$GPZDA,081310,06,04,2014,00,00*46
 \$GPGBS,081310,,,,,,,,*4A
 \$GPGGA,081311,3452.9225,N,07439.2070,W,2,8,0.3,7,M,,M,,*65
 \$HEHDT,42.1,T*18
 #
 PORT 4 04-06-2014 08:14:02
 \$GPGLL,3452.9225,N,07439.2070,W,081311,A*32
 \$GPRMC,081311,A,3452.9225,N,07439.2070,W,5.1,44.5,060414,11.9,w*73
 \$GPVTG,44.5,T,56.4,M,5.1,N,9.4,K*45
 \$HEHDT,42.5,T*1C
 \$GPZDA,081311,06,04,2014,00,00*47
 \$GPGBS,081311,,,,,,,,*4B
 \$GPGGA,081312,3452.9238,N,07439.2058,W,2,8,0.3,7,M,,M,,*60
 \$HEHDT,43.0,T*18
 PORT 12000 04-06-2014 08:14:02
 \$PPWBA,d2pc15,192.168.2.151,online
 #
 PORT 4 04-06-2014 08:14:03
 \$GPGLL,3452.9238,N,07439.2058,W,081312,A*37
 \$GPRMC,081312,A,3452.9238,N,07439.2058,W,5.1,43.6,060414,11.9,w*72
 \$GPVTG,43.6,T,55.5,M,5.1,N,9.4,K*43
 \$GPZDA,081312,06,04,2014,00,00*44
 \$HEHDT,42.8,T*11
 \$GPGBS,081312,,,,,,,,*48
 \$GPGGA,081313,3452.9250,N,07439.2047,W,2,8,0.3,7,M,,M,,*61
 \$HEHDT,43.5,T*1D
 #
 PORT 4 04-06-2014 08:14:04
 \$GPGLL,3452.9250,N,07439.2047,W,081313,A*36
 \$GPRMC,081313,A,3452.9250,N,07439.2047,W,5.1,42.9,060414,11.9,w*7D
 \$GPVTG,42.9,T,54.8,M,5.1,N,9.4,K*41
 \$GPZDA,081313,06,04,2014,00,00*45
 \$GPGBS,081313,,,,,,,,*49
 \$HEHDT,43.5,T*1D
 \$GPGGA,081314,3452.9260,N,07439.2037,W,2,9,0.3,7,M,,M,,*63
 #
 PORT 4 04-06-2014 08:14:05
 \$GPGLL,3452.9260,N,07439.2037,W,081314,A*35
 \$HEHDT,43.5,T*1D
 \$GPRMC,081314,A,3452.9260,N,07439.2037,W,5.1,42.4,060414,11.9,w*73
 \$GPVTG,42.4,T,54.3,M,5.1,N,9.4,K*47
 \$GPZDA,081314,06,04,2014,00,00*42
 \$GPGBS,081314,,,,,,,,*4E
 \$GPGGA,081315,3452.9268,N,07439.2026,W,2,9,0.3,7,M,,M,,*6A
 \$HEHDT,43.4,T*1C
 #
 PORT 4 04-06-2014 08:14:06
 \$GPGLL,3452.9268,N,07439.2026,W,081315,A*3C
 \$GPRMC,081315,A,3452.9268,N,07439.2026,W,5.0,42.3,060414,11.9,w*7C
 \$HEHDT,43.3,T*1B
 \$GPVTG,42.3,T,54.2,M,5.0,N,9.3,K*47
 \$GPZDA,081315,06,04,2014,00,00*43
 \$GPGBS,081315,,,,,,,,*4F
 \$GPGGA,081316,3452.9279,N,07439.2013,W,2,9,0.3,7,M,,M,,*6F
 \$HEHDT,43.1,T*19
 \$GPGLL,3452.9279,N,07439.2013,W,081316,A*39
 \$GPRMC,081316,A,3452.9279,N,07439.2013,W,5.1,42.4,060414,11.9,w*7F
 \$HEHDT,42.6,T*1F
 \$GPVTG,42.4,T,54.3,M,5.1,N,9.4,K*47
 \$GPZDA,081316,06,04,2014,00,00*40

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\$GPGBS,081316,,,,,,,,*4C
\$GPGGA,081317,3452.9290,N,07439.2001,W,2,9,0.3,7,M,,M,,*6A

PORT 4 04-06-2014 08:14:07
\$HEHDT,42.5,T*1C
\$GPGLL,3452.9290,N,07439.2001,W,081317,A*3C
\$GPRMC,081317,A,3452.9290,N,07439.2001,W,5.1,42.3,060414,11.9,W*7D
\$GPVTG,42.3,T,54.2,M,5.1,N,9.4,K*41
\$HEHDT,42.4,T*1D
\$GPZDA,081317,06,04,2014,00,00*41
\$GPGBS,081317,,,,,,,,*4D
\$GPGGA,081318,3452.9300,N,07439.1990,W,2,9,0.3,7,M,,M,,*6F

PORT 4 04-06-2014 08:14:08
\$HEHDT,42.1,T*18
\$GPGLL,3452.9300,N,07439.1990,W,081318,A*39
\$GPRMC,081318,A,3452.9300,N,07439.1990,W,5.0,42.6,060414,11.9,W*7C
\$GPVTG,42.6,T,54.5,M,5.0,N,9.3,K*45
\$GPZDA,081318,06,04,2014,00,00*4E
\$GPGBS,081318,,,,,,,,*42
\$HEHDT,41.9,T*13
\$GPGGA,081319,3452.9308,N,07439.1979,W,2,9,0.3,7,M,,M,,*61

PORT 4 04-06-2014 08:14:09
\$HEHDT,42.6,T*1F
\$GPGLL,3452.9308,N,07439.1979,W,081319,A*37
\$GPRMC,081319,A,3452.9308,N,07439.1979,W,5.0,43.4,060414,11.9,W*71
\$GPVTG,43.4,T,55.3,M,5.0,N,9.3,K*41
\$GPZDA,081319,06,04,2014,00,00*4F
\$GPGBS,081319,,,,,,,,*43
\$GPGGA,081320,3452.9318,N,07439.1967,W,2,9,0.3,7,M,,M,,*65
\$HEHDT,42.8,T*11

PORT 4 04-06-2014 08:14:11
\$GPGLL,3452.9318,N,07439.1967,W,081320,A*33
\$HEHDT,42.9,T*10
\$GPRMC,081320,A,3452.9318,N,07439.1967,W,4.9,43.8,060414,11.9,W*71
\$GPVTG,43.8,T,55.7,M,4.9,N,9.1,K*43
\$GPZDA,081320,06,04,2014,00,00*45
\$GPGBS,081320,,,,,,,,*49
\$GPGGA,081321,3452.9328,N,07439.1955,W,2,9,0.3,7,M,,M,,*66
\$HEHDT,43.1,T*19

PORT 4 04-06-2014 08:14:12
\$GPGLL,3452.9328,N,07439.1955,W,081321,A*30
\$GPRMC,081321,A,3452.9328,N,07439.1955,W,4.9,43.9,060414,11.9,W*73
\$HEHDT,43.0,T*18
\$GPVTG,43.9,T,55.8,M,4.9,N,9.1,K*4D
\$GPZDA,081321,06,04,2014,00,00*44
\$GPGBS,081321,,,,,,,,*48
\$GPGGA,081322,3452.9339,N,07439.1943,W,2,9,0.3,7,M,,M,,*62
\$HEHDT,43.1,T*19
PORT 12000 04-06-2014 08:14:12
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:14:13
\$GPGLL,3452.9339,N,07439.1943,W,081322,A*34
\$GPRMC,081322,A,3452.9339,N,07439.1943,W,5.0,43.8,060414,11.9,W*7E
\$GPVTG,43.8,T,55.7,M,5.0,N,9.3,K*49
\$HEHDT,43.0,T*18
\$GPZDA,081322,06,04,2014,00,00*47
\$GPGBS,081322,,,,,,,,*4B
\$GPGGA,081323,3452.9348,N,07439.1932,W,2,9,0.3,6,M,,M,,*62

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\$HEHDT,43.1,T*19

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PORT 4 04-06-2014 08:14:14

\$GPGLL,3452.9348,N,07439.1932,W,081323,A*35

\$GPRMC,081323,A,3452.9348,N,07439.1932,W,5.0,43.4,060414,11.9,W*73

\$GPVTG,43.4,T,55.3,M,5.0,N,9.3,K*41

\$GPZDA,081323,06,04,2014,00,00*46

\$GPGBS,081323,,,,,,,,*4A

\$HEHDT,43.0,T*18

\$GPGGA,081324,3452.9359,N,07439.1922,W,2,9,0.3,6,M,,M,,*64

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PORT 4 04-06-2014 08:14:15

\$HEHDT,42.9,T*10

\$GPGLL,3452.9359,N,07439.1922,W,081324,A*33

\$GPRMC,081324,A,3452.9359,N,07439.1922,W,5.0,42.5,060414,11.9,W*75

\$GPVTG,42.5,T,54.4,M,5.0,N,9.3,K*47

\$GPZDA,081324,06,04,2014,00,00*41

\$GPGBS,081324,,,,,,,,*4D

\$GPGGA,081325,3452.9372,N,07439.1910,W,2,9,0.3,6,M,,M,,*6D

\$HEHDT,42.4,T*1D

#

PORT 4 04-06-2014 08:14:16

\$GPGLL,3452.9372,N,07439.1910,W,081325,A*3A

\$HEHDT,42.3,T*1A

\$GPRMC,081325,A,3452.9372,N,07439.1910,W,5.1,42.2,060414,11.9,W*7A

\$GPVTG,42.2,T,54.1,M,5.1,N,9.4,K*43

\$GPZDA,081325,06,04,2014,00,00*40

\$GPGBS,081325,,,,,,,,*4C

\$GPGGA,081326,3452.9383,N,07439.1897,W,2,8,0.3,6,M,,M,,*6F

\$HEHDT,41.8,T*12

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PORT 4 04-06-2014 08:14:17

\$GPGLL,3452.9383,N,07439.1897,W,081326,A*39

\$GPRMC,081326,A,3452.9383,N,07439.1897,W,5.1,42.6,060414,11.9,W*7D

\$HEHDT,42.3,T*1A

\$GPVTG,42.6,T,54.5,M,5.1,N,9.4,K*43

\$GPZDA,081326,06,04,2014,00,00*43

\$GPGBS,081326,,,,,,,,*4F

\$GPGGA,081327,3452.9394,N,07439.1885,W,2,8,0.3,6,M,,M,,*6B

\$HEHDT,42.2,T*1B

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PORT 4 04-06-2014 08:14:18

\$GPGLL,3452.9394,N,07439.1885,W,081327,A*3D

\$GPRMC,081327,A,3452.9394,N,07439.1885,W,5.1,43.2,060414,11.9,W*7C

\$GPVTG,43.2,T,55.1,M,5.1,N,9.4,K*43

\$HEHDT,42.6,T*1F

\$GPZDA,081327,06,04,2014,00,00*42

\$GPGBS,081327,,,,,,,,*4E

\$GPGGA,081328,3452.9402,N,07439.1873,W,2,5,0.3,6,M,,M,,*68

\$HEHDT,42.5,T*1C

\$GPGLL,3452.9402,N,07439.1873,W,081328,A*33

\$GPRMC,081328,A,3452.9402,N,07439.1873,W,5.1,43.8,060414,11.9,W*78

\$GPVTG,43.8,T,55.7,M,5.1,N,9.4,K*4F

\$GPZDA,081328,06,04,2014,00,00*4D

\$HEHDT,42.9,T*10

\$GPGBS,081328,,,,,,,,*41

\$GPGGA,081329,3452.9412,N,07439.1862,W,2,5,0.3,6,M,,M,,*68

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PORT 5 04-06-2014 08:14:20

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PORT 4 04-06-2014 08:14:20

\$HEHDT,42.9,T*10

\$GPGLL,3452.9412,N,07439.1862,W,081329,A*33

S01_C04_survey.Log

\$GPRMC,081329,A,3452.9412,N,07439.1862,W,5.0,44.2,060414,11.9,w*74
\$GPVTG,44.2,T,56.1,M,5.0,N,9.3,K*41
\$GPZDA,081329,06,04,2014,00,00*4C
\$GPGBS,081329,,,,,,,,*40
\$GPGGA,081330,3452.9422,N,07439.1851,W,2,6,0.3,6,M,,M,,*60
\$HEHDT,42.9,T*10

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PORT 4 04-06-2014 08:14:21

\$GPGLL,3452.9422,N,07439.1851,W,081330,A*38
\$HEHDT,43.5,T*1D
\$GPRMC,081330,A,3452.9422,N,07439.1851,W,5.0,43.7,060414,11.9,w*7D
\$GPVTG,43.7,T,55.6,M,5.0,N,9.3,K*47
\$GPZDA,081330,06,04,2014,00,00*44
\$GPGBS,081330,,,,,,,,*48
\$GPGGA,081331,3452.9431,N,07439.1840,W,2,6,0.3,6,M,,M,,*63
\$HEHDT,43.5,T*1D

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PORT 4 04-06-2014 08:14:22

\$GPGLL,3452.9431,N,07439.1840,W,081331,A*3B
\$GPRMC,081331,A,3452.9431,N,07439.1840,W,5.0,42.7,060414,11.9,w*7F
\$HEHDT,43.7,T*1F
\$GPVTG,42.7,T,54.6,M,5.0,N,9.3,K*47
\$GPZDA,081331,06,04,2014,00,00*45
\$GPGBS,081331,,,,,,,,*49
\$GPGGA,081332,3452.9442,N,07439.1830,W,2,6,0.3,6,M,,M,,*63
\$HEHDT,43.5,T*1D

PORT 12000 04-06-2014 08:14:22

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:14:23

\$GPGLL,3452.9442,N,07439.1830,W,081332,A*3B
\$GPRMC,081332,A,3452.9442,N,07439.1830,W,4.9,41.8,060414,11.9,w*7B
\$GPVTG,41.8,T,53.7,M,4.9,N,9.1,K*47
\$HEHDT,43.1,T*19
\$GPZDA,081332,06,04,2014,00,00*46
\$GPGBS,081332,,,,,,,,*4A
\$GPGGA,081333,3452.9453,N,07439.1819,W,2,6,0.3,6,M,,M,,*69
\$HEHDT,42.9,T*10

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PORT 5 04-06-2014 08:14:24

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PORT 4 04-06-2014 08:14:24

\$GPGLL,3452.9453,N,07439.1819,W,081333,A*31
\$GPRMC,081333,A,3452.9453,N,07439.1819,W,4.9,41.6,060414,11.9,w*7F
\$GPVTG,41.6,T,53.5,M,4.9,N,9.1,K*4B
\$HEHDT,43.1,T*19
\$GPZDA,081333,06,04,2014,00,00*47
\$GPGBS,081333,,,,,,,,*4B
\$GPGGA,081334,3452.9463,N,07439.1806,W,2,9,0.3,6,M,,M,,*6C
\$HEHDT,43.1,T*19
\$GPGLL,3452.9463,N,07439.1806,W,081334,A*3B
\$GPRMC,081334,A,3452.9463,N,07439.1806,W,5.0,42.5,060414,11.9,w*7D
\$GPVTG,42.5,T,54.4,M,5.0,N,9.3,K*47
\$GPZDA,081334,06,04,2014,00,00*40
\$GPGBS,081334,,,,,,,,*4C
\$GPGGA,081335,3452.9474,N,07439.1792,W,2,9,0.3,6,M,,M,,*69
\$HEHDT,43.5,T*1D

#

PORT 4 04-06-2014 08:14:25

\$HEHDT,43.7,T*1F
\$GPGLL,3452.9474,N,07439.1792,W,081335,A*3E
\$GPRMC,081335,A,3452.9474,N,07439.1792,W,5.0,43.7,060414,11.9,w*7B

S01_C04_survey.Log

\$GPVTG,43.7,T,55.6,M,5.0,N,9.3,K*47
\$GPZDA,081335,06,04,2014,00,00*41
\$GPGBS,081335,,,,,,,,*4D
\$GPGGA,081336,3452.9482,N,07439.1778,W,2,9,0.3,6,M,,M,,*67
\$HEHDT,44.0,T*1F

PORT 4 04-06-2014 08:14:26
\$GPGLL,3452.9482,N,07439.1778,W,081336,A*30
\$GPRMC,081336,A,3452.9482,N,07439.1778,W,5.0,44.9,060414,11.9,W*7C
\$HEHDT,43.9,T*11
\$GPVTG,44.9,T,56.8,M,5.0,N,9.3,K*43
\$GPZDA,081336,06,04,2014,00,00*42
\$GPGBS,081336,,,,,,,,*4E
\$GPGGA,081337,3452.9492,N,07439.1765,W,2,9,0.3,6,M,,M,,*6B
\$HEHDT,44.3,T*1C

PORT 4 04-06-2014 08:14:28
\$GPGLL,3452.9492,N,07439.1765,W,081337,A*3C
\$GPRMC,081337,A,3452.9492,N,07439.1765,W,5.0,45.8,060414,11.9,W*70
\$HEHDT,44.2,T*1D
\$GPVTG,45.8,T,57.7,M,5.0,N,9.3,K*4D
\$GPZDA,081337,06,04,2014,00,00*43
\$GPGBS,081337,,,,,,,,*4F
\$GPGGA,081338,3452.9502,N,07439.1753,W,2,9,0.3,5,M,,M,,*6A
\$HEHDT,44.1,T*1E

PORT 4 04-06-2014 08:14:29
\$GPGLL,3452.9502,N,07439.1753,W,081338,A*3E
\$GPRMC,081338,A,3452.9502,N,07439.1753,W,5.1,45.7,060414,11.9,W*7C
\$GPVTG,45.7,T,57.6,M,5.1,N,9.4,K*45
\$HEHDT,43.8,T*10
\$GPZDA,081338,06,04,2014,00,00*4C
\$GPGBS,081338,,,,,,,,*40
\$GPGGA,081339,3452.9513,N,07439.1741,W,2,9,0.3,5,M,,M,,*68
\$HEHDT,43.9,T*11

PORT 4 04-06-2014 08:14:30
\$GPGLL,3452.9513,N,07439.1741,W,081339,A*3C
\$GPRMC,081339,A,3452.9513,N,07439.1741,W,5.1,44.5,060414,11.9,W*7D
\$GPVTG,44.5,T,56.4,M,5.1,N,9.4,K*45
\$GPZDA,081339,06,04,2014,00,00*4D
\$GPGBS,081339,,,,,,,,*41
\$HEHDT,43.6,T*1E
\$GPGGA,081340,3452.9525,N,07439.1731,W,2,9,0.3,5,M,,M,,*64

PORT 4 04-06-2014 08:14:31
\$HEHDT,44.1,T*1E
\$GPGLL,3452.9525,N,07439.1731,W,081340,A*30
\$GPRMC,081340,A,3452.9525,N,07439.1731,W,5.1,43.2,060414,11.9,W*71
\$GPVTG,43.2,T,55.1,M,5.1,N,9.4,K*43
\$GPZDA,081340,06,04,2014,00,00*43
\$GPGBS,081340,,,,,,,,*4F
\$GPGGA,081341,3452.9535,N,07439.1722,W,2,9,0.3,5,M,,M,,*66
\$HEHDT,44.5,T*1A

PORT 4 04-06-2014 08:14:32
\$GPGLL,3452.9535,N,07439.1722,W,081341,A*32
\$HEHDT,44.6,T*19
\$GPRMC,081341,A,3452.9535,N,07439.1722,W,5.0,41.8,060414,11.9,W*7A
\$GPVTG,41.8,T,53.7,M,5.0,N,9.3,K*4D
\$GPZDA,081341,06,04,2014,00,00*42
\$GPGBS,081341,,,,,,,,*4E
\$GPGGA,081342,3452.9543,N,07439.1713,W,2,9,0.3,6,M,,M,,*65

S01_C04_survey.Log

\$HEHDT,44.6,T*19
PORT 12000 04-06-2014 08:14:32
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PORT 4 04-06-2014 08:14:33
\$GPGLL,3452.9543,N,07439.1713,W,081342,A*32
\$GPRMC,081342,A,3452.9543,N,07439.1713,W,4.9,41.6,060414,11.9,w*7C
\$HEHDT,44.8,T*17
\$GPVTG,41.6,T,53.5,M,4.9,N,9.1,K*4B
\$GPZDA,081342,06,04,2014,00,00*41
\$GPGBS,081342,,,,,,,,*4D
\$GPGBA,081343,3452.9553,N,07439.1699,W,2,9,0.3,6,M,,M,,*66
\$HEHDT,44.6,T*19

PORT 4 04-06-2014 08:14:34
\$GPGLL,3452.9553,N,07439.1699,W,081343,A*31
\$GPRMC,081343,A,3452.9553,N,07439.1699,W,4.9,41.6,060414,11.9,w*7F
\$HEHDT,44.6,T*19
\$GPVTG,41.6,T,53.5,M,4.9,N,9.1,K*4B
\$GPZDA,081343,06,04,2014,00,00*40
\$GPGBS,081343,,,,,,,,*4C
\$GPGBA,081344,3452.9561,N,07439.1683,W,2,9,0.4,6,M,,M,,*6C
\$HEHDT,44.9,T*16

PORT 4 04-06-2014 08:14:35
\$GPGLL,3452.9561,N,07439.1683,W,081344,A*3C
\$GPRMC,081344,A,3452.9561,N,07439.1683,W,5.0,45.3,060414,11.9,w*7B
\$GPVTG,45.3,T,57.2,M,5.0,N,9.3,K*43
\$HEHDT,45.0,T*1E
\$GPZDA,081344,06,04,2014,00,00*47
\$GPGBS,081344,,,,,,,,*4B
\$GPGBA,081345,3452.9570,N,07439.1670,W,2,9,0.4,6,M,,M,,*61
\$HEHDT,45.3,T*1D

PORT 4 04-06-2014 08:14:36
\$GPGLL,3452.9570,N,07439.1670,W,081345,A*31
\$GPRMC,081345,A,3452.9570,N,07439.1670,W,5.0,45.3,060414,11.9,w*7E
\$GPVTG,45.3,T,57.2,M,5.0,N,9.3,K*43
\$GPZDA,081345,06,04,2014,00,00*46
\$GPGBS,081345,,,,,,,,*4A
\$HEHDT,45.4,T*1A
\$GPGBA,081346,3452.9579,N,07439.1659,W,2,9,0.3,5,M,,M,,*64

PORT 4 04-06-2014 08:14:37
\$HEHDT,45.5,T*1B
\$GPGLL,3452.9579,N,07439.1659,W,081346,A*30
\$GPRMC,081346,A,3452.9579,N,07439.1659,W,5.0,45.9,060414,11.9,w*7D
\$GPVTG,45.9,T,57.8,M,5.0,N,9.3,K*43
\$GPZDA,081346,06,04,2014,00,00*45
\$GPGBS,081346,,,,,,,,*49
\$GPGBA,081347,3452.9590,N,07439.1646,W,2,9,0.3,5,M,,M,,*6C
\$HEHDT,45.6,T*18
\$GPGLL,3452.9590,N,07439.1646,W,081347,A*38
\$GPRMC,081347,A,3452.9590,N,07439.1646,W,5.0,46.2,060414,11.9,w*7D
\$HEHDT,45.5,T*1B
\$GPVTG,46.2,T,58.1,M,5.0,N,9.3,K*4D
\$GPZDA,081347,06,04,2014,00,00*44
\$GPGBS,081347,,,,,,,,*48
\$GPGBA,081348,3452.9601,N,07439.1632,W,2,8,0.3,5,M,,M,,*6A

PORT 4 04-06-2014 08:14:38
\$HEHDT,45.5,T*1B
\$GPGLL,3452.9601,N,07439.1632,W,081348,A*3F

S01_C04_survey.Log

\$GPRMC,081348,A,3452.9601,N,07439.1632,W,5.1,45.7,060414,11.9,w*7D
\$HEHDT,45.4,T*1A
\$GPVTG,45.7,T,57.6,M,5.1,N,9.4,K*45
\$GPZDA,081348,06,04,2014,00,00*4B
\$GPGBS,081348,,,,,,,,*47
\$GPGGA,081349,3452.9612,N,07439.1621,W,2,8,0.3,5,M,,M,,*6B

PORT 4 04-06-2014 08:14:39
\$HEHDT,44.9,T*16
\$GPGLL,3452.9612,N,07439.1621,W,081349,A*3E
\$GPRMC,081349,A,3452.9612,N,07439.1621,W,5.1,44.4,060414,11.9,w*7E
\$GPVTG,44.4,T,56.3,M,5.1,N,9.4,K*43
\$HEHDT,45.3,T*1D
\$GPZDA,081349,06,04,2014,00,00*4A
\$GPGBS,081349,,,,,,,,*46
\$GPGGA,081350,3452.9623,N,07439.1612,W,2,8,0.3,5,M,,M,,*61

PORT 4 04-06-2014 08:14:40
\$HEHDT,45.1,T*1F
\$GPGLL,3452.9623,N,07439.1612,W,081350,A*34
\$GPRMC,081350,A,3452.9623,N,07439.1612,W,5.0,43.1,060414,11.9,w*77
\$GPVTG,43.1,T,55.0,M,5.0,N,9.3,K*47
\$GPZDA,081350,06,04,2014,00,00*42
\$HEHDT,45.3,T*1D
\$GPGBS,081350,,,,,,,,*4E
\$GPGGA,081351,3452.9633,N,07439.1602,W,2,8,0.3,5,M,,M,,*60

PORT 4 04-06-2014 08:14:41
\$HEHDT,45.3,T*1D
\$GPGLL,3452.9633,N,07439.1602,W,081351,A*35
\$GPRMC,081351,A,3452.9633,N,07439.1602,W,5.0,43.1,060414,11.9,w*76
\$GPVTG,43.1,T,55.0,M,5.0,N,9.3,K*47
\$GPZDA,081351,06,04,2014,00,00*43
\$GPGBS,081351,,,,,,,,*4F
\$GPGGA,081352,3452.9643,N,07439.1589,W,2,9,0.3,6,M,,M,,*66
\$HEHDT,45.7,T*19

PORT 4 04-06-2014 08:14:42
\$GPGLL,3452.9643,N,07439.1589,W,081352,A*31
\$HEHDT,46.1,T*1C
\$GPRMC,081352,A,3452.9643,N,07439.1589,W,5.0,42.8,060414,11.9,w*7A
\$GPVTG,42.8,T,54.7,M,5.0,N,9.3,K*49
\$GPZDA,081352,06,04,2014,00,00*40
\$GPGBS,081352,,,,,,,,*4C
\$GPGGA,081353,3452.9651,N,07439.1575,W,2,9,0.3,6,M,,M,,*67
\$HEHDT,45.8,T*16
PORT 12000 04-06-2014 08:14:42
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:14:43
\$GPGLL,3452.9651,N,07439.1575,W,081353,A*30
\$GPRMC,081353,A,3452.9651,N,07439.1575,W,5.0,43.6,060414,11.9,w*74
\$HEHDT,46.2,T*1F
\$GPVTG,43.6,T,55.5,M,5.0,N,9.3,K*45
\$GPZDA,081353,06,04,2014,00,00*41
\$GPGBS,081353,,,,,,,,*4D
\$GPGGA,081354,3452.9659,N,07439.1563,W,2,8,0.3,6,M,,M,,*6E

PORT 4 04-06-2014 08:14:44
\$HEHDT,46.1,T*1C
\$GPGLL,3452.9659,N,07439.1563,W,081354,A*38
\$GPRMC,081354,A,3452.9659,N,07439.1563,W,4.9,46.0,060414,11.9,w*77
\$GPVTG,46.0,T,57.9,M,4.9,N,9.1,K*42

S01_C04_survey.Log

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$HEHDT,46.6,T*1B
$GPZDA,081354,06,04,2014,00,00*46
$GPGBS,081354,,,,,,,,*4A
$GPGGA,081355,3452.9669,N,07439.1551,W,2,8,0.3,6,M,,M,,*6D
#
PORT 4 04-06-2014 08:14:45
$HEHDT,46.5,T*18
$GPGLL,3452.9669,N,07439.1551,W,081355,A*3B
$GPRMC,081355,A,3452.9669,N,07439.1551,W,4.9,46.0,060414,11.9,W*74
$GPVTG,46.0,T,57.9,M,4.9,N,9.1,K*42
$GPZDA,081355,06,04,2014,00,00*47
$HEHDT,46.4,T*19
$GPGBS,081355,,,,,,,,*4B
$GPGGA,081356,3452.9679,N,07439.1538,W,2,8,0.3,6,M,,M,,*60
#
PORT 4 04-06-2014 08:14:46
$HEHDT,46.3,T*1E
$GPGLL,3452.9679,N,07439.1538,W,081356,A*36
$GPRMC,081356,A,3452.9679,N,07439.1538,W,5.0,46.8,060414,11.9,W*79
$GPVTG,46.8,T,58.7,M,5.0,N,9.3,K*41
$GPZDA,081356,06,04,2014,00,00*44
$GPGBS,081356,,,,,,,,*48
$GPGGA,081357,3452.9690,N,07439.1524,W,2,8,0.3,6,M,,M,,*6B
$HEHDT,45.9,T*17
#
PORT 4 04-06-2014 08:14:48
$HEHDT,45.3,T*1D
$GPGLL,3452.9690,N,07439.1524,W,081357,A*3D
$GPRMC,081357,A,3452.9690,N,07439.1524,W,5.0,46.8,060414,11.9,W*72
$GPVTG,46.8,T,58.7,M,5.0,N,9.3,K*41
$GPZDA,081357,06,04,2014,00,00*45
$GPGBS,081357,,,,,,,,*49
$GPGGA,081358,3452.9699,N,07439.1513,W,2,9,0.3,6,M,,M,,*68
$HEHDT,45.5,T*1B
#
PORT 4 04-06-2014 08:14:49
$GPGLL,3452.9699,N,07439.1513,W,081358,A*3F
$GPRMC,081358,A,3452.9699,N,07439.1513,W,5.0,46.7,060414,11.9,W*7F
$HEHDT,45.5,T*1B
$GPVTG,46.7,T,58.6,M,5.0,N,9.3,K*4F
$GPZDA,081358,06,04,2014,00,00*4A
$GPGBS,081358,,,,,,,,*46
$GPGGA,081359,3452.9709,N,07439.1502,W,2,9,0.3,6,M,,M,,*61
$HEHDT,45.6,T*18
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PORT 4 04-06-2014 08:14:50
$GPGLL,3452.9709,N,07439.1502,W,081359,A*36
$GPRMC,081359,A,3452.9709,N,07439.1502,W,5.0,46.2,060414,11.9,W*73
$HEHDT,45.8,T*16
$GPVTG,46.2,T,58.1,M,5.0,N,9.3,K*4D
$GPZDA,081359,06,04,2014,00,00*4B
$GPGBS,081359,,,,,,,,*47
$GPGGA,081400,3452.9720,N,07439.1491,W,2,9,0.3,6,M,,M,,*6A
$HEHDT,45.7,T*19
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PORT 4 04-06-2014 08:14:51
$GPGLL,3452.9720,N,07439.1491,W,081400,A*3D
$GPRMC,081400,A,3452.9720,N,07439.1491,W,5.0,45.3,060414,11.9,W*7A
$GPVTG,45.3,T,57.2,M,5.0,N,9.3,K*43
$GPZDA,081400,06,04,2014,00,00*40
$HEHDT,46.2,T*1F
$GPGBS,081400,,,,,,,,*4C
$GPGGA,081401,3452.9731,N,07439.1480,W,2,9,0.3,6,M,,M,,*6B

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S01_C04_survey.Log

\$HEHDT,46.1,T*1C

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PORT 4 04-06-2014 08:14:52

\$GPGLL,3452.9731,N,07439.1480,W,081401,A*3C

\$GPRMC,081401,A,3452.9731,N,07439.1480,W,5.0,44.4,060414,11.9,W*7D

\$GPVTG,44.4,T,56.3,M,5.0,N,9.3,K*45

\$GPZDA,081401,06,04,2014,00,00*41

\$GPGGBS,081401,,,,,,,,*4D

\$GPGGA,081402,3452.9741,N,07439.1468,W,2,9,0.3,6,M,,M,,*69

\$HEHDT,46.1,T*1C

PORT 12000 04-06-2014 08:14:52

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PORT 4 04-06-2014 08:14:53

\$HEHDT,46.2,T*1F

\$GPGLL,3452.9741,N,07439.1468,W,081402,A*3E

\$GPRMC,081402,A,3452.9741,N,07439.1468,W,5.0,44.1,060414,11.9,W*7A

\$GPVTG,44.1,T,56.0,M,5.0,N,9.3,K*43

\$GPZDA,081402,06,04,2014,00,00*42

\$GPGGBS,081402,,,,,,,,*4E

\$GPGGA,081403,3452.9749,N,07439.1456,W,2,9,0.3,6,M,,M,,*6D

\$HEHDT,46.4,T*19

#

PORT 4 04-06-2014 08:14:54

\$GPGLL,3452.9749,N,07439.1456,W,081403,A*3A

\$GPRMC,081403,A,3452.9749,N,07439.1456,W,5.0,44.5,060414,11.9,W*7A

\$HEHDT,46.3,T*1E

\$GPVTG,44.5,T,56.4,M,5.0,N,9.3,K*43

\$GPZDA,081403,06,04,2014,00,00*43

\$GPGGBS,081403,,,,,,,,*4F

\$GPGGA,081404,3452.9759,N,07439.1444,W,2,9,0.3,6,M,,M,,*68

\$HEHDT,46.0,T*1D

#

PORT 4 04-06-2014 08:14:55

\$GPGLL,3452.9759,N,07439.1444,W,081404,A*3F

\$GPRMC,081404,A,3452.9759,N,07439.1444,W,4.9,45.5,060414,11.9,W*76

\$HEHDT,45.8,T*16

\$GPVTG,45.5,T,57.4,M,4.9,N,9.1,K*49

\$GPZDA,081404,06,04,2014,00,00*44

\$GPGGBS,081404,,,,,,,,*48

\$GPGGA,081405,3452.9767,N,07439.1429,W,2,9,0.3,6,M,,M,,*6F

\$HEHDT,45.7,T*19

#

PORT 4 04-06-2014 08:14:56

\$GPGLL,3452.9767,N,07439.1429,W,081405,A*38

\$GPRMC,081405,A,3452.9767,N,07439.1429,W,4.9,45.5,060414,11.9,W*71

\$GPVTG,45.5,T,57.4,M,4.9,N,9.1,K*49

\$HEHDT,45.8,T*16

\$GPZDA,081405,06,04,2014,00,00*45

\$GPGGBS,081405,,,,,,,,*49

\$GPGGA,081406,3452.9777,N,07439.1415,W,2,9,0.3,6,M,,M,,*62

\$HEHDT,46.0,T*1D

\$GPGLL,3452.9777,N,07439.1415,W,081406,A*35

\$GPRMC,081406,A,3452.9777,N,07439.1415,W,5.0,46.9,060414,11.9,W*7B

\$GPVTG,46.9,T,58.8,M,5.0,N,9.3,K*4F

\$GPZDA,081406,06,04,2014,00,00*46

\$GPGGBS,081406,,,,,,,,*4A

\$HEHDT,46.1,T*1C

\$GPGGA,081407,3452.9785,N,07439.1403,W,2,9,0.4,6,M,,M,,*6E

#

PORT 4 04-06-2014 08:14:58

\$HEHDT,46.1,T*1C

\$GPGLL,3452.9785,N,07439.1403,W,081407,A*3E

S01_C04_survey.Log

\$GPRMC,081407,A,3452.9785,N,07439.1403,W,5.0,48.1,060414,11.9,w*76
\$GPVTG,48.1,T,60.0,M,5.0,N,9.3,K*4A
\$GPZDA,081407,06,04,2014,00,00*47
\$GPGBS,081407,,,,,,,,*4B
\$HEHDT,46.3,T*1E
\$GPGGA,081408,3452.9796,N,07439.1391,W,2,7,0.4,6,M,,M,,*61

PORT 4 04-06-2014 08:14:59
\$GPGLL,3452.9796,N,07439.1391,W,081408,A*3F
\$HEHDT,46.1,T*1C
\$GPRMC,081408,A,3452.9796,N,07439.1391,W,5.0,48.1,060414,11.9,w*77
\$GPVTG,48.1,T,60.0,M,5.0,N,9.3,K*4A
\$GPZDA,081408,06,04,2014,00,00*48
\$GPGBS,081408,001.4,000.2,006.0,02,0.05,0016.9,012.5*4A
\$GPGGA,081409,3452.9807,N,07439.1378,W,2,7,0.3,6,M,,M,,*67
\$HEHDT,46.4,T*19

PORT 4 04-06-2014 08:15:00
\$GPGLL,3452.9807,N,07439.1378,W,081409,A*3E
\$GPRMC,081409,A,3452.9807,N,07439.1378,W,5.0,47.6,060414,11.9,w*7E
\$HEHDT,46.0,T*1D
\$GPVTG,47.6,T,59.5,M,5.0,N,9.3,K*4D
\$GPZDA,081409,06,04,2014,00,00*49
\$GPGBS,081409,,,,,,,,*45
\$GPGGA,081410,3452.9817,N,07439.1367,W,2,8,0.3,6,M,,M,,*6F
\$HEHDT,46.5,T*18

PORT 4 04-06-2014 08:15:01
\$GPGLL,3452.9817,N,07439.1367,W,081410,A*39
\$GPRMC,081410,A,3452.9817,N,07439.1367,W,5.1,46.7,060414,11.9,w*78
\$GPVTG,46.7,T,58.6,M,5.1,N,9.4,K*49
\$HEHDT,46.3,T*1E
\$GPZDA,081410,06,04,2014,00,00*41
\$GPGBS,081410,,,,,,,,*4D
\$GPGGA,081411,3452.9827,N,07439.1357,W,2,8,0.3,6,M,,M,,*6E
\$HEHDT,46.7,T*1A

PORT 4 04-06-2014 08:15:02
\$GPGLL,3452.9827,N,07439.1357,W,081411,A*38
\$GPRMC,081411,A,3452.9827,N,07439.1357,W,5.1,45.9,060414,11.9,w*74
\$GPVTG,45.9,T,57.8,M,5.1,N,9.4,K*45
\$GPZDA,081411,06,04,2014,00,00*40
\$HEHDT,46.3,T*1E
\$GPGBS,081411,,,,,,,,*4C
\$GPGGA,081412,3452.9834,N,07439.1345,W,2,9,0.3,6,M,,M,,*6D
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PORT 4 04-06-2014 08:15:03
\$GPGLL,3452.9834,N,07439.1345,W,081412,A*3A
\$GPRMC,081412,A,3452.9834,N,07439.1345,W,5.0,45.2,060414,11.9,w*7C
\$GPVTG,45.2,T,57.1,M,5.0,N,9.3,K*41
\$GPZDA,081412,06,04,2014,00,00*43
\$GPGBS,081412,,,,,,,,*4F
\$GPGGA,081413,3452.9843,N,07439.1331,W,2,9,0.4,6,M,,M,,*68
\$HEHDT,46.1,T*1C

PORT 4 04-06-2014 08:15:05
\$GPGLL,3452.9843,N,07439.1331,W,081413,A*38
\$HEHDT,45.9,T*17
\$GPRMC,081413,A,3452.9843,N,07439.1331,W,4.9,45.0,060414,11.9,w*74
\$GPVTG,45.0,T,56.9,M,4.9,N,9.1,K*40

S01_C04_survey.Log

\$GPZDA,081413,06,04,2014,00,00*42
\$GPGBS,081413,,,,,,,,*4E
\$GPGGA,081414,3452.9854,N,07439.1318,W,2,8,0.4,6,M,,M,,*63
\$HEHDT,46.1,T*1C
\$GPGLL,3452.9854,N,07439.1318,W,081414,A*32
\$GPRMC,081414,A,3452.9854,N,07439.1318,W,5.0,45.6,060414,11.9,W*70
\$HEHDT,46.5,T*18
\$GPVTG,45.6,T,57.5,M,5.0,N,9.3,K*41
\$GPZDA,081414,06,04,2014,00,00*45
\$GPGBS,081414,,,,,,,,*49
\$GPGGA,081415,3452.9863,N,07439.1306,W,2,8,0.3,6,M,,M,,*6E
\$HEHDT,46.7,T*1A

PORT 4 04-06-2014 08:15:06
\$GPGLL,3452.9863,N,07439.1306,W,081415,A*38
\$GPRMC,081415,A,3452.9863,N,07439.1306,W,5.1,46.1,060414,11.9,W*7F
\$GPVTG,46.1,T,58.0,M,5.1,N,9.4,K*49
\$HEHDT,46.6,T*1B
\$GPZDA,081415,06,04,2014,00,00*44
\$GPGBS,081415,,,,,,,,*48
\$GPGGA,081416,3452.9871,N,07439.1294,W,2,8,0.3,6,M,,M,,*64
\$HEHDT,46.8,T*15

PORT 5 04-06-2014 08:15:07
IN
PORT 4 04-06-2014 08:15:07
\$GPGLL,3452.9863,N,07439.1306,W,081415,A*38
\$GPRMC,081415,A,3452.9863,N,07439.1306,W,5.1,46.1,060414,11.9,W*7F
\$GPVTG,46.1,T,58.0,M,5.1,N,9.4,K*49
\$HEHDT,46.6,T*1B
\$GPZDA,081415,06,04,2014,00,00*44
\$GPGBS,081415,,,,,,,,*48
\$GPGGA,081416,3452.9871,N,07439.1294,W,2,8,0.3,6,M,,M,,*64
\$HEHDT,46.8,T*15
\$GPGLL,3452.9871,N,07439.1294,W,081416,A*32
\$GPRMC,081416,A,3452.9871,N,07439.1294,W,5.0,46.4,060414,11.9,W*71
\$GPVTG,46.4,T,58.3,M,5.0,N,9.3,K*49
\$GPZDA,081416,06,04,2014,00,00*47
\$HEHDT,46.6,T*1B
\$GPGBS,081416,,,,,,,,*4B
\$GPGGA,081417,3452.9879,N,07439.1281,W,2,8,0.3,6,M,,M,,*69
\$HEHDT,47.2,T*1E
\$GPGLL,3452.

PORT 4 04-06-2014 08:15:08
\$GPGLL,3452.9863,N,07439.1306,W,081415,A*38
\$GPRMC,081415,A,3452.9863,N,07439.1306,W,5.1,46.1,060414,11.9,W*7F
\$GPVTG,46.1,T,58.0,M,5.1,N,9.4,K*49
\$HEHDT,46.6,T*1B
\$GPZDA,081415,06,04,2014,00,00*44
\$GPGBS,081415,,,,,,,,*48
\$GPGGA,081416,3452.9871,N,07439.1294,W,2,8,0.3,6,M,,M,,*64
\$HEHDT,46.8,T*15
\$GPGLL,3452.9871,N,07439.1294,W,081416,A*32
\$GPRMC,081416,A,3452.9871,N,07439.1294,W,5.0,46.4,060414,11.9,W*71
\$GPVTG,46.4,T,58.3,M,5.0,N,9.3,K*49
\$GPZDA,081416,06,04,2014,00,00*47
\$HEHDT,46.6,T*1B
\$GPGBS,081416,,,,,,,,*4B
\$GPGGA,081417,3452.9879,N,07439.1281,W,2,8,0.3,6,M,,M,,*69
\$HEHDT,47.2,T*1E
\$GPGLL,3452.9879,N,07439.1281,W,081417,A*3F
\$GPRMC,081417,A,3452.9879,N,07439.1281,W,4.9,46.8,060414,11.9,W*78

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\$GPVTG,46.8,T,58.7,M,4.9,N,9.1,K*4B
\$GPZDA,081417,06,04,2014,00,00*46
\$HEHDT,47.5,T*19
\$GPGBS,081417,,,,,,,,*4A
\$GPGGA,081418,3452.9892,N,07439.1269,W,2,8,0.4,6,M,,M,,*62
\$HEHDT,47.6,T*1A

PORT 4 04-06-2014 08:15:10
\$GPGLL,3452.9892,N,07439.1269,W,081418,A*33
\$GPRMC,081418,A,3452.9892,N,07439.1269,W,4.9,47.2,060414,11.9,W*7F
\$GPVTG,47.2,T,59.1,M,4.9,N,9.1,K*47
\$GPZDA,081418,06,04,2014,00,00*49
\$HEHDT,47.9,T*15
\$GPGBS,081418,013.9,001.4,013.3,26,0.05,0022.0,012.5*4D
\$GPGGA,081419,3452.9904,N,07439.1256,W,2,8,0.3,6,M,,M,,*66
\$HEHDT,47.6,T*1A
\$GPGLL,3452.9904,N,07439.1256,W,081419,A*30
\$GPRMC,081419,A,3452.9904,N,07439.1256,W,5.0,47.5,060414,11.9,W*73
\$GPVTG,47.5,T,59.4,M,5.0,N,9.3,K*4F
\$GPZDA,081419,06,04,2014,00,00*48
\$GPGBS,081419,014.5,001.0,014.1,26,0.05,0020.5,012.5*41
\$HEHDT,47.8,T*14
\$GPGGA,081420,3452.9915,N,07439.1244,W,2,8,0.3,6,M,,M,,*6F

PORT 5 04-06-2014 08:15:11
04115 ms
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PORT 4 04-06-2014 08:15:11
\$GPGLL,3452.9915,N,07439.1244,W,081420,A*39
\$HEHDT,47.0,T*1C
\$GPRMC,081420,A,3452.9915,N,07439.1244,W,5.0,47.7,060414,11.9,W*78
\$GPVTG,47.7,T,59.6,M,5.0,N,9.3,K*4F
\$GPZDA,081420,06,04,2014,00,00*42
\$GPGBS,081420,008.9,002.4,009.7,26,0.05,0015.5,012.5*41
\$GPGGA,081421,3452.9926,N,07439.1232,W,2,8,0.3,6,M,,M,,*6F
\$HEHDT,47.1,T*1D

PORT 4 04-06-2014 08:15:12
\$GPGLL,3452.9926,N,07439.1232,W,081421,A*39
\$GPRMC,081421,A,3452.9926,N,07439.1232,W,5.0,47.9,060414,11.9,W*76
\$HEHDT,47.3,T*1F
\$GPVTG,47.9,T,59.8,M,5.0,N,9.3,K*4F
\$GPZDA,081421,06,04,2014,00,00*43
\$GPGBS,081421,009.3,002.6,009.3,26,0.05,0015.7,012.5*4F
\$GPGGA,081422,3452.9939,N,07439.1221,W,2,8,0.3,6,M,,M,,*60
\$HEHDT,47.6,T*1A
PORT 12000 04-06-2014 08:15:12
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PORT 4 04-06-2014 08:15:13
\$GPGLL,3452.9939,N,07439.1221,W,081422,A*36
\$GPRMC,081422,A,3452.9939,N,07439.1221,W,5.0,47.8,060414,11.9,W*78
\$GPVTG,47.8,T,59.7,M,5.0,N,9.3,K*41
\$GPZDA,081422,06,04,2014,00,00*40
\$HEHDT,47.9,T*15
\$GPGBS,081422,,,,,,,,*4C
\$GPGGA,081423,3452.9950,N,07439.1210,W,2,8,0.3,6,M,,M,,*6C
\$HEHDT,48.5,T*16
\$GPGLL,3452.9950,N,07439.1210,W,081423,A*3A
\$GPRMC,081423,A,3452.9950,N,07439.1210,W,5.0,47.2,060414,11.9,W*7E
\$GPVTG,47.2,T,59.1,M,5.0,N,9.3,K*4D
\$GPZDA,081423,06,04,2014,00,00*41
\$GPGBS,081423,,,,,,,,*4D

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\$GPGGA,081424,3452.9962,N,07439.1200,W,2,9,0.3,6,M,,M,,*6A
\$HEHDT,48.6,T*15

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PORT 4 04-06-2014 08:15:14

\$GPGLL,3452.9962,N,07439.1200,W,081424,A*3D

\$HEHDT,48.6,T*15

\$GPRMC,081424,A,3452.9962,N,07439.1200,W,5.0,46.1,060414,11.9,W*7B

\$GPVTG,46.1,T,58.0,M,5.0,N,9.3,K*4F

\$GPZDA,081424,06,04,2014,00,00*46

\$GPGBS,081424,,,,,,,,*4A

\$GPGGA,081425,3452.9973,N,07439.1188,W,2,9,0.3,7,M,,M,,*69

\$HEHDT,49.0,T*12

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PORT 4 04-06-2014 08:15:16

\$HEHDT,49.4,T*16

\$GPGLL,3452.9973,N,07439.1188,W,081425,A*3F

\$GPRMC,081425,A,3452.9973,N,07439.1188,W,5.0,45.4,060414,11.9,W*7F

\$GPVTG,45.4,T,57.3,M,5.0,N,9.3,K*45

\$GPZDA,081425,06,04,2014,00,00*47

\$GPGBS,081425,,,,,,,,*4B

\$GPGGA,081426,3452.9983,N,07439.1175,W,2,8,0.3,7,M,,M,,*66

\$HEHDT,49.7,T*15

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PORT 4 04-06-2014 08:15:17

\$GPGLL,3452.9983,N,07439.1175,W,081426,A*31

\$GPRMC,081426,A,3452.9983,N,07439.1175,W,5.0,45.4,060414,11.9,W*71

\$GPVTG,45.4,T,57.3,M,5.0,N,9.3,K*45

\$HEHDT,50.4,T*1E

\$GPZDA,081426,06,04,2014,00,00*44

\$GPGBS,081426,001.6,000.3,007.0,02,0.05,0008.2,012.5*40

\$GPGGA,081427,3452.9991,N,07439.1162,W,2,8,0.3,7,M,,M,,*62

\$HEHDT,50.7,T*1D

\$GPGLL,3452.9991,N,07439.1162,W,081427,A*35

\$GPRMC,081427,A,3452.9991,N,07439.1162,W,5.0,45.7,060414,11.9,W*76

\$GPVTG,45.7,T,57.6,M,5.0,N,9.3,K*43

\$GPZDA,081427,06,04,2014,00,00*45

\$GPGBS,081427,,,,,,,,*49

\$HEHDT,51.4,T*1F

\$GPGGA,081428,3453.0001,N,07439.1149,W,2,8,0.3,7,M,,M,,*6C

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PORT 4 04-06-2014 08:15:19

\$HEHDT,51.3,T*18

\$GPGLL,3453.0001,N,07439.1149,W,081428,A*3B

\$GPRMC,081428,A,3453.0001,N,07439.1149,W,5.0,46.3,060414,11.9,W*7F

\$GPVTG,46.3,T,58.2,M,5.0,N,9.3,K*4F

\$HEHDT,51.6,T*1D

\$GPZDA,081428,06,04,2014,00,00*4A

\$GPGBS,081428,,,,,,,,*46

\$GPGGA,081429,3453.0008,N,07439.1135,W,2,8,0.3,7,M,,M,,*6F

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PORT 4 04-06-2014 08:15:20

\$HEHDT,51.7,T*1C

\$GPGLL,3453.0008,N,07439.1135,W,081429,A*38

\$GPRMC,081429,A,3453.0008,N,07439.1135,W,5.0,48.0,060414,11.9,W*71

\$GPVTG,48.0,T,59.9,M,5.0,N,9.3,K*48

\$GPZDA,081429,06,04,2014,00,00*4B

\$GPGBS,081429,001.5,000.2,006.6,02,0.05,0016.3,012.5*44

\$HEHDT,52.5,T*1D

\$GPGGA,081430,3453.0016,N,07439.1121,W,2,9,0.3,7,M,,M,,*6C

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PORT 4 04-06-2014 08:15:21

\$GPGLL,3453.0016,N,07439.1121,W,081430,A*3A

\$HEHDT,53.3,T*1A

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\$GPRMC,081430,A,3453.0016,N,07439.1121,W,5.0,49.7,060414,11.9,w*75
\$GPVTG,49.7,T,61.6,M,5.0,N,9.3,K*4A
\$GPZDA,081430,06,04,2014,00,00*43
\$GPGBS,081430,002.1,000.3,009.2,02,0.05,0023.4,012.5*40
\$GPGGA,081431,3453.0026,N,07439.1110,W,2,9,0.3,7,M,,M,,*6C
\$HEHDT,53.7,T*1E

PORT 4 04-06-2014 08:15:22
\$GPGLL,3453.0026,N,07439.1110,W,081431,A*3A
\$HEHDT,54.0,T*1E
\$GPRMC,081431,A,3453.0026,N,07439.1110,W,5.0,50.3,060414,11.9,w*79
\$GPVTG,50.3,T,62.2,M,5.0,N,9.3,K*41
\$GPZDA,081431,06,04,2014,00,00*42
\$GPGBS,081431,,,,,,*4E
\$GPGGA,081432,3453.0034,N,07439.1100,W,2,8,0.3,7,M,,M,,*6C
\$HEHDT,54.7,T*19
PORT 12000 04-06-2014 08:15:22
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:15:23
\$GPGLL,3453.0034,N,07439.1100,W,081432,A*3B
\$GPRMC,081432,A,3453.0034,N,07439.1100,W,5.0,50.2,060414,11.9,w*79
\$HEHDT,54.7,T*19
\$GPVTG,50.2,T,62.1,M,5.0,N,9.3,K*43
\$GPZDA,081432,06,04,2014,00,00*41
\$GPGBS,081432,002.6,000.4,012.0,02,0.05,0021.9,012.5*45
\$GPGGA,081433,3453.0042,N,07439.1088,W,2,8,0.3,7,M,,M,,*6D
\$HEHDT,55.5,T*1A

PORT 4 04-06-2014 08:15:24
\$GPGLL,3453.0042,N,07439.1088,W,081433,A*3A
\$GPRMC,081433,A,3453.0042,N,07439.1088,W,4.9,49.5,060414,11.9,w*7F
\$GPVTG,49.5,T,61.4,M,4.9,N,9.1,K*40
\$HEHDT,56.3,T*1F
\$GPZDA,081433,06,04,2014,00,00*40
\$GPGBS,081433,004.1,001.5,018.0,02,0.05,0020.1,012.5*46
\$GPGGA,081434,3453.0052,N,07439.1077,W,2,7,0.3,7,M,,M,,*64
\$HEHDT,56.2,T*1E

PORT 4 04-06-2014 08:15:26
\$GPGLL,3453.0052,N,07439.1077,W,081434,A*3C
\$GPRMC,081434,A,3453.0052,N,07439.1077,W,4.9,48.9,060414,11.9,w*74
\$GPVTG,48.9,T,60.8,M,4.9,N,9.1,K*40
\$GPZDA,081434,06,04,2014,00,00*47
\$GPGBS,081434,016.8,005.2,012.1,26,0.05,0023.2,012.5*45
\$HEHDT,57.4,T*19
\$GPGGA,081435,3453.0062,N,07439.1066,W,2,7,0.3,7,M,,M,,*66
\$GPGLL,3453.0062,N,07439.1066,W,081435,A*3E
\$HEHDT,57.9,T*14
\$GPRMC,081435,A,3453.0062,N,07439.1066,W,5.0,48.7,060414,11.9,w*70
\$GPVTG,48.7,T,60.6,M,5.0,N,9.3,K*4A
\$GPZDA,081435,06,04,2014,00,00*46
\$GPGBS,081435,012.9,004.8,008.3,26,0.05,0018.7,012.5*4E
\$GPGGA,081436,3453.0071,N,07439.1054,W,2,8,0.3,7,M,,M,,*69
\$HEHDT,58.8,T*1A

PORT 4 04-06-2014 08:15:27
\$GPGLL,3453.0071,N,07439.1054,W,081436,A*3E
\$GPRMC,081436,A,3453.0071,N,07439.1054,W,4.9,48.7,060414,11.9,w*78
\$GPVTG,48.7,T,60.6,M,4.9,N,9.1,K*40
\$HEHDT,59.5,T*16
\$GPZDA,081436,06,04,2014,00,00*45
\$GPGBS,081436,,,,,,*49

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\$GPGGA,081437,3453.0081,N,07439.1041,W,2,8,0.3,7,M,,M,,*63
\$HEHDT,60.2,T*1B

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PORT 4 04-06-2014 08:15:28

\$GPGLL,3453.0081,N,07439.1041,W,081437,A*34
\$GPRMC,081437,A,3453.0081,N,07439.1041,W,4.8,49.0,060414,11.9,W*75
\$GPVTG,49.0,T,60.9,M,4.8,N,8.9,K*41
\$GPZDA,081437,06,04,2014,00,00*44
\$HEHDT,61.0,T*18

\$GPGBS,081437,,,,,,,,*48
\$GPGGA,081438,3453.0089,N,07439.1026,W,2,6,0.3,7,M,,M,,*6B

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PORT 4 04-06-2014 08:15:29

\$HEHDT,61.8,T*10
\$GPGLL,3453.0089,N,07439.1026,W,081438,A*32
\$GPRMC,081438,A,3453.0089,N,07439.1026,W,4.9,49.7,060414,11.9,W*75
\$GPVTG,49.7,T,61.6,M,4.9,N,9.1,K*40
\$GPZDA,081438,06,04,2014,00,00*4B

\$HEHDT,62.7,T*1C
\$GPGBS,081438,,,,,,,,*47
\$GPGGA,081439,3453.0092,N,07439.1017,W,2,6,0.5,7,M,,M,,*64

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PORT 4 04-06-2014 08:15:30

\$HEHDT,63.3,T*19
\$GPGLL,3453.0092,N,07439.1017,W,081439,A*3B
\$GPRMC,081439,A,3453.0092,N,07439.1017,W,4.9,51.5,060414,11.9,W*77
\$GPVTG,51.5,T,63.4,M,4.9,N,9.1,K*4B
\$GPZDA,081439,06,04,2014,00,00*4A

\$GPGBS,081439,,,,,,,,*46
\$GPGGA,081440,3453.0098,N,07439.1000,W,2,5,0.4,7,M,,M,,*64

\$HEHDT,63.6,T*1C

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PORT 4 04-06-2014 08:15:31

\$HEHDT,64.1,T*1C
\$GPGLL,3453.0098,N,07439.1000,W,081440,A*39
\$GPRMC,081440,A,3453.0098,N,07439.1000,W,4.8,53.6,060414,11.9,W*75
\$GPVTG,53.6,T,65.5,M,4.8,N,8.9,K*45
\$GPZDA,081440,06,04,2014,00,00*44

\$GPGBS,081440,,,,,,,,*48
\$HEHDT,65.0,T*1C
\$GPGGA,081441,3453.0099,N,07439.0984,W,1,5,0.9,7,M,,M,,*6E

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PORT 4 04-06-2014 08:15:32

\$GPGLL,3453.0099,N,07439.0984,W,081441,A*3D
\$HEHDT,65.1,T*1D
\$GPRMC,081441,A,3453.0099,N,07439.0984,W,4.7,55.6,060414,11.9,W*78
\$GPVTG,55.6,T,67.5,M,4.7,N,8.7,K*40
\$GPZDA,081441,06,04,2014,00,00*45

\$GPGBS,081441,007.4,001.6,015.2,10,0.05,0015.6,012.5*4B
\$GPGGA,081442,3453.0103,N,07439.0970,W,2,5,0.5,7,M,,M,,*6B

\$HEHDT,66.1,T*1E

PORT 12000 04-06-2014 08:15:32

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PORT 4 04-06-2014 08:15:33

\$GPGLL,3453.0103,N,07439.0970,W,081442,A*37
\$GPRMC,081442,A,3453.0103,N,07439.0970,W,4.8,56.8,060414,11.9,W*70
\$HEHDT,67.4,T*1A
\$GPVTG,56.8,T,68.7,M,4.8,N,8.9,K*41
\$GPZDA,081442,06,04,2014,00,00*46

\$GPGBS,081442,006.9,001.4,014.0,10,0.05,0014.1,012.5*43
\$GPGGA,081443,3453.0107,N,07439.0959,W,2,5,0.5,7,M,,M,,*65

\$HEHDT,68.0,T*11

S01_C04_survey.Log

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$GPVTG,57.0,T,68.9,M,4.8,N,8.9,K*46
$HEHDT,68.3,T*12
$GPZDA,081443,06,04,2014,00,00*47
$GPGBS,081443,008.2,001.7,016.6,10,0.05,0016.7,012.5*44
$GPGGA,081444,3453.0116,N,07439.0947,W,2,5,0.5,7,M,,M,,*6D
$HEHDT,69.6,T*16
$GPGLL,3453.0116,N,07439.0947,W,081444,A*31
$GPRMC,081444,A,3453.0116,N,07439.0947,W,4.7,55.9,060414,11.9,W*7B
$GPVTG,55.9,T,67.8,M,4.7,N,8.7,K*42
$GPZDA,081444,06,04,2014,00,00*40
$GPGBS,081444,001.6,002.1,008.6,02,0.05,0010.2,012.5*44
$HEHDT,69.8,T*18
$GPGGA,081445,3453.0124,N,07439.0934,W,2,5,0.3,7,M,,M,,*6F
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PORT 4 04-06-2014 08:15:35
$GPGLL,3453.0124,N,07439.0934,W,081445,A*35
$HEHDT,70.6,T*1E
$GPRMC,081445,A,3453.0124,N,07439.0934,W,4.6,54.9,060414,11.9,W*7F
$GPVTG,54.9,T,66.8,M,4.6,N,8.5,K*41
$GPZDA,081445,06,04,2014,00,00*41
$GPGBS,081445,,,,,,*4D
$GPGGA,081446,3453.0132,N,07439.0920,W,2,8,0.3,6,M,,M,,*62
$HEHDT,71.9,T*10
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PORT 4 04-06-2014 08:15:36
$GPGLL,3453.0132,N,07439.0920,W,081446,A*34
$HEHDT,72.3,T*19
$GPRMC,081446,A,3453.0132,N,07439.0920,W,4.7,55.0,060414,11.9,W*77
$GPVTG,55.0,T,66.9,M,4.7,N,8.7,K*4B
$GPZDA,081446,06,04,2014,00,00*42
$GPGBS,081446,,,,,,*4E
$GPGGA,081447,3453.0135,N,07439.0907,W,2,8,0.3,6,M,,M,,*61
$HEHDT,73.4,T*1F
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PORT 4 04-06-2014 08:15:38
$GPGLL,3453.0135,N,07439.0907,W,081447,A*37
$GPRMC,081447,A,3453.0135,N,07439.0907,W,4.7,56.0,060414,11.9,W*77
$HEHDT,74.1,T*1D
$GPVTG,56.0,T,67.9,M,4.7,N,8.7,K*49
$GPZDA,081447,06,04,2014,00,00*43
$GPGBS,081447,002.9,002.6,006.7,10,0.05,0018.7,012.5*4D
$GPGGA,081448,3453.0138,N,07439.0894,W,2,8,0.3,6,M,,M,,*68
$HEHDT,75.2,T*1F
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PORT 4 04-06-2014 08:15:39
$GPGLL,3453.0138,N,07439.0894,W,081448,A*3E
$HEHDT,75.5,T*18
$GPRMC,081448,A,3453.0138,N,07439.0894,W,4.5,57.7,060414,11.9,W*7A
$GPVTG,57.7,T,69.6,M,4.5,N,8.3,K*48
$GPZDA,081448,06,04,2014,00,00*4C
$GPGBS,081448,002.2,001.9,005.0,10,0.05,0021.8,012.5*44
$GPGGA,081449,3453.0141,N,07439.0879,W,2,8,0.3,6,M,,M,,*64
$HEHDT,76.8,T*16
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PORT 4 04-06-2014 08:15:40
$GPGLL,3453.0141,N,07439.0879,W,081449,A*32
$GPRMC,081449,A,3453.0141,N,07439.0879,W,4.5,62.8,060414,11.9,W*7F
$GPVTG,62.8,T,74.7,M,4.5,N,8.3,K*4C
$GPZDA,081449,06,04,2014,00,00*4D

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\$HEHDT,77.0,T*1F
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\$GPGGA,081450,3453.0145,N,07439.0864,W,2,8,0.3,6,M,,M,,*64
\$HEHDT,77.9,T*16

PORT 4 04-06-2014 08:15:42
\$GPGLL,3453.0145,N,07439.0864,W,081450,A*32
\$GPRMC,081450,A,3453.0145,N,07439.0864,W,4.5,62.8,060414,11.9,W*7F
\$GPVTG,62.8,T,74.7,M,4.5,N,8.3,K*4C
\$GPZDA,081450,06,04,2014,00,00*45
\$GPGBS,081450,001.6,001.7,003.7,10,0.05,0020.8,012.5*44
\$HEHDT,79.0,T*11
\$GPGGA,081451,3453.0150,N,07439.0851,W,2,8,0.2,6,M,,M,,*66
\$HEHDT,79.7,T*16
\$GPGLL,3453.0150,N,07439.0851,W,081451,A*31
\$GPRMC,081451,A,3453.0150,N,07439.0851,W,4.5,64.0,060414,11.9,W*72
\$GPVTG,64.0,T,75.9,M,4.5,N,8.3,K*4D
\$GPZDA,081451,06,04,2014,00,00*44
\$GPGBS,081451,002.4,002.8,004.6,10,0.05,0018.6,012.5*4B
\$GPGGA,081452,3453.0156,N,07439.0836,W,2,9,0.3,5,M,,M,,*61
\$HEHDT,80.5,T*12

PORT 4 04-06-2014 08:15:43
\$GPGLL,3453.0156,N,07439.0836,W,081452,A*35
\$HEHDT,81.3,T*15
\$GPRMC,081452,A,3453.0156,N,07439.0836,W,4.5,64.0,060414,11.9,W*76
\$GPVTG,64.0,T,75.9,M,4.5,N,8.3,K*4D
\$GPZDA,081452,06,04,2014,00,00*47
\$GPGBS,081452,003.6,000.1,003.5,26,0.05,0009.5,012.5*42
\$GPGGA,081453,3453.0159,N,07439.0822,W,2,9,0.3,5,M,,M,,*6A
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PORT 4 04-06-2014 08:15:44
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\$HEHDT,82.8,T*1D
\$GPVTG,63.9,T,75.8,M,4.5,N,8.3,K*42
\$GPZDA,081453,06,04,2014,00,00*46
\$GPGBS,081453,002.4,002.1,002.7,10,0.05,0017.3,012.5*4D
\$GPGGA,081454,3453.0163,N,07439.0807,W,2,9,0.3,5,M,,M,,*63
\$HEHDT,83.6,T*12

PORT 4 04-06-2014 08:15:45
\$GPGLL,3453.0163,N,07439.0807,W,081454,A*37
\$GPRMC,081454,A,3453.0163,N,07439.0807,W,4.5,64.4,060414,11.9,W*70
\$HEHDT,84.0,T*13
\$GPVTG,64.4,T,76.3,M,4.5,N,8.3,K*40
\$GPZDA,081454,06,04,2014,00,00*41
\$GPGBS,081454,003.1,001.4,006.1,17,0.05,-008.4,012.5*59
\$GPGGA,081455,3453.0162,N,07439.0795,W,2,9,0.3,5,M,,M,,*67
\$HEHDT,85.3,T*11

PORT 4 04-06-2014 08:15:47
\$GPGLL,3453.0162,N,07439.0795,W,081455,A*33
\$GPRMC,081455,A,3453.0162,N,07439.0795,W,4.4,67.5,060414,11.9,W*77
\$GPVTG,67.5,T,79.4,M,4.4,N,8.1,K*49
\$GPZDA,081455,06,04,2014,00,00*40
\$GPGBS,081455,005.1,004.6,013.4,10,0.05,0030.2,012.5*4F
\$HEHDT,86.2,T*13
\$GPGGA,081456,3453.0164,N,07439.0783,W,2,9,0.3,5,M,,M,,*65
\$HEHDT,86.6,T*17

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\$GPGLL,3453.0164,N,07439.0783,W,081456,A*31
\$GPRMC,081456,A,3453.0164,N,07439.0783,W,4.4,67.5,060414,11.9,W*75
\$GPVTG,67.5,T,79.4,M,4.4,N,8.1,K*49
\$GPZDA,081456,06,04,2014,00,00*43
\$GPGBS,081456,003.9,004.2,007.2,10,0.05,0031.4,012.5*42
\$GPGGA,081457,3453.0168,N,07439.0767,W,2,9,0.2,5,M,,M,,*63
\$HEHDT,87.4,T*14

PORT 4 04-06-2014 08:15:48
\$GPGLL,3453.0168,N,07439.0767,W,081457,A*36
\$HEHDT,88.1,T*1E
\$GPRMC,081457,A,3453.0168,N,07439.0767,W,4.4,68.5,060414,11.9,W*7D
\$GPVTG,68.5,T,80.4,M,4.4,N,8.1,K*40
\$GPZDA,081457,06,04,2014,00,00*42
\$GPGBS,081457,004.0,000.1,002.4,26,0.05,0009.2,012.5*41
\$GPGGA,081458,3453.0171,N,07439.0752,W,2,8,0.3,5,M,,M,,*62
\$HEHDT,88.6,T*19

PORT 4 04-06-2014 08:15:49
\$GPGLL,3453.0171,N,07439.0752,W,081458,A*37
\$GPRMC,081458,A,3453.0171,N,07439.0752,W,4.4,69.3,060414,11.9,W*7B
\$HEHDT,90.2,T*14
\$GPVTG,69.3,T,81.2,M,4.4,N,8.1,K*40
\$GPZDA,081458,06,04,2014,00,00*4D
\$GPGBS,081458,003.4,000.1,002.7,26,0.05,0008.9,012.5*44
\$GPGGA,081459,3453.0172,N,07439.0739,W,2,8,0.3,5,M,,M,,*6D
\$HEHDT,90.8,T*1E

PORT 4 04-06-2014 08:15:50
\$GPGLL,3453.0172,N,07439.0739,W,081459,A*38
\$GPRMC,081459,A,3453.0172,N,07439.0739,W,4.3,70.1,060414,11.9,W*79
\$GPVTG,70.1,T,82.0,M,4.3,N,8.0,K*4D
\$HEHDT,92.1,T*15
\$GPZDA,081459,06,04,2014,00,00*4C
\$GPGBS,081459,004.3,003.2,005.2,13,0.05,0018.4,012.5*4D
\$GPGGA,081500,3453.0174,N,07439.0728,W,2,9,0.3,5,M,,M,,*67
\$HEHDT,92.5,T*11
\$GPGLL,3453.0174,N,07439.0728,W,081500,A*33
\$GPRMC,081500,A,3453.0174,N,07439.0728,W,4.3,71.0,060414,11.9,W*72
\$GPVTG,71.0,T,82.9,M,4.3,N,8.0,K*44
\$GPZDA,081500,06,04,2014,00,00*41
\$GPGBS,081500,000.2,003.4,001.5,04,0.05,-013.8,012.5*5C
\$HEHDT,93.1,T*14
\$GPGGA,081501,3453.0173,N,07439.0717,W,2,9,0.3,5,M,,M,,*6D

PORT 4 04-06-2014 08:15:51
\$HEHDT,94.4,T*16
\$GPGLL,3453.0173,N,07439.0717,W,081501,A*39
\$GPRMC,081501,A,3453.0173,N,07439.0717,W,4.3,72.5,060414,11.9,W*7E
\$GPVTG,72.5,T,84.4,M,4.3,N,8.0,K*49
\$GPZDA,081501,06,04,2014,00,00*40
\$GPGBS,081501,,,,,,*4C
\$HEHDT,95.2,T*11
\$GPGGA,081502,3453.0172,N,07439.0704,W,2,6,0.4,5,M,,M,,*65

PORT 4 04-06-2014 08:15:53
\$HEHDT,95.6,T*15
\$GPGLL,3453.0172,N,07439.0704,W,081502,A*39
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\$GPVTG,75.1,T,87.0,M,4.3,N,8.0,K*4D
\$GPZDA,081502,06,04,2014,00,00*43
\$GPGBS,081502,001.1,003.6,001.7,04,0.05,0018.6,012.5*44
\$HEHDT,96.5,T*15

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 PORT 12000 04-06-2014 08:15:53
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 PORT 4 04-06-2014 08:15:54
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 \$GPRMC,081503,A,3453.0172,N,07439.0692,W,4.3,77.3,060414,11.9,w*72
 \$HEHDT,97.0,T*11
 \$GPVTG,77.3,T,89.2,M,4.3,N,8.0,K*41
 \$GPZDA,081503,06,04,2014,00,00*42
 \$GPGBS,081503,002.5,002.7,005.1,17,0.05,-013.4,012.5*56
 \$GPGGA,081504,3453.0174,N,07439.0679,W,2,9,0.3,5,M,,M,,*66
 \$HEHDT,98.7,T*19

 PORT 4 04-06-2014 08:15:55
 \$GPGLL,3453.0174,N,07439.0679,W,081504,A*32
 \$GPRMC,081504,A,3453.0174,N,07439.0679,W,4.3,77.9,060414,11.9,w*7C
 \$GPVTG,77.9,T,89.8,M,4.3,N,8.0,K*41
 \$HEHDT,99.6,T*19
 \$GPZDA,081504,06,04,2014,00,00*45
 \$GPGBS,081504,000.8,005.3,009.8,17,0.05,-012.4,012.5*59
 \$GPGGA,081505,3453.0177,N,07439.0663,W,2,9,0.4,5,M,,M,,*68
 \$HEHDT,100.4,T*2A

 PORT 4 04-06-2014 08:15:57
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 \$GPRMC,081505,A,3453.0177,N,07439.0663,W,4.3,77.9,060414,11.9,w*75
 \$HEHDT,102.1,T*2D
 \$GPVTG,77.9,T,89.8,M,4.3,N,8.0,K*41
 \$GPZDA,081505,06,04,2014,00,00*44
 \$GPGBS,081505,003.6,003.5,007.3,02,0.05,0007.6,012.5*4F
 \$GPGGA,081506,3453.0174,N,07439.0651,W,2,8,0.3,5,M,,M,,*6F
 \$HEHDT,102.3,T*2F

\$GPGLL,3453.0174,N,07439.0651,W,081506,A*3A
 \$GPRMC,081506,A,3453.0174,N,07439.0651,W,4.2,80.3,060414,11.9,w*77
 \$GPVTG,80.3,T,92.2,M,4.2,N,7.8,K*45
 \$GPZDA,081506,06,04,2014,00,00*47
 \$GPGBS,081506,001.5,002.5,007.9,10,0.05,0016.9,012.5*4A
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 \$GPGGA,081507,3453.0172,N,07439.0638,W,2,8,0.3,5,M,,M,,*67

 PORT 4 04-06-2014 08:15:58
 \$GPGLL,3453.0172,N,07439.0638,W,081507,A*32
 \$HEHDT,103.0,T*2D
 \$GPRMC,081507,A,3453.0172,N,07439.0638,W,4.2,80.3,060414,11.9,w*7F
 \$GPVTG,80.3,T,92.2,M,4.2,N,7.8,K*45
 \$GPZDA,081507,06,04,2014,00,00*46
 \$GPGBS,081507,000.9,002.3,004.8,10,0.05,0009.1,012.5*44
 \$GPGGA,081508,3453.0174,N,07439.0624,W,2,8,0.3,5,M,,M,,*63
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 PORT 4 04-06-2014 08:15:59
 \$GPGLL,3453.0174,N,07439.0624,W,081508,A*36
 \$GPRMC,081508,A,3453.0174,N,07439.0624,W,4.2,82.6,060414,11.9,w*7C
 \$HEHDT,105.0,T*2B
 \$GPVTG,82.6,T,94.5,M,4.2,N,7.8,K*43
 \$GPZDA,081508,06,04,2014,00,00*49
 \$GPGBS,081508,002.6,002.6,004.2,17,0.05,-009.2,012.5*50
 \$GPGGA,081509,3453.0175,N,07439.0611,W,2,8,0.3,5,M,,M,,*65
 \$HEHDT,105.5,T*2E

 PORT 4 04-06-2014 08:16:00
 \$GPGLL,3453.0175,N,07439.0611,W,081509,A*30

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\$GPRMC,081509,A,3453.0175,N,07439.0611,W,4.2,83.4,060414,11.9,w*79
\$GPVTG,83.4,T,95.3,M,4.2,N,7.8,K*47
\$GPZDA,081509,06,04,2014,00,00*48
\$HEHDT,106.7,T*2F
\$GPGGBS,081509,,,,,,,,*44
\$GPGGA,081510,3453.0175,N,07439.0598,W,2,9,0.3,5,M,,M,,*6E
\$HEHDT,107.5,T*2C
\$GPGLL,3453.0175,N,07439.0598,W,081510,A*3A
\$GPRMC,081510,A,3453.0175,N,07439.0598,W,4.1,83.3,060414,11.9,w*77
\$GPVTG,83.3,T,95.2,M,4.1,N,7.6,K*4C
\$GPZDA,081510,06,04,2014,00,00*40
\$GPGGBS,081510,,,,,,,,*4C
\$HEHDT,108.2,T*24
\$GPGGA,081511,3453.0172,N,07439.0584,W,2,9,0.3,5,M,,M,,*65

PORT 5 04-06-2014 08:16:02
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PORT 4 04-06-2014 08:16:02
\$HEHDT,109.1,T*26
\$GPGLL,3453.0172,N,07439.0584,W,081511,A*31
\$GPRMC,081511,A,3453.0172,N,07439.0584,W,4.0,83.6,060414,11.9,w*78
\$GPVTG,83.6,T,95.5,M,4.0,N,7.4,K*4D
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\$GPGGBS,081511,,,,,,,,*4D
\$GPGGA,081512,3453.0169,N,07439.0569,W,2,9,0.3,5,M,,M,,*6F
\$HEHDT,110.5,T*2A

PORT 4 04-06-2014 08:16:03
\$GPGLL,3453.0169,N,07439.0569,W,081512,A*3B
\$GPRMC,081512,A,3453.0169,N,07439.0569,W,4.0,85.2,060414,11.9,w*70
\$HEHDT,110.6,T*29
\$GPVTG,85.2,T,97.1,M,4.0,N,7.4,K*49
\$GPZDA,081512,06,04,2014,00,00*42
\$GPGGBS,081512,,,,,,,,*4E
\$GPGGA,081513,3453.0166,N,07439.0553,W,2,9,0.3,5,M,,M,,*68
\$HEHDT,111.1,T*2F
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\$GPRMC,081513,A,3453.0166,N,07439.0553,W,4.0,87.6,060414,11.9,w*71
\$GPVTG,87.6,T,99.5,M,4.0,N,7.4,K*45
\$GPZDA,081513,06,04,2014,00,00*43
\$GPGGBS,081513,,,,,,,,*4F
\$GPGGA,081514,3453.0167,N,07439.0543,W,2,9,0.3,4,M,,M,,*6E
\$HEHDT,113.1,T*2D

PORT 4 04-06-2014 08:16:05
\$GPGLL,3453.0167,N,07439.0543,W,081514,A*3B
\$GPRMC,081514,A,3453.0167,N,07439.0543,W,4.1,89.4,060414,11.9,w*7B
\$HEHDT,113.8,T*24
\$GPVTG,89.4,T,101.3,M,4.1,N,7.6,K*7C
\$GPZDA,081514,06,04,2014,00,00*44
\$GPGGBS,081514,000.4,002.5,000.3,04,0.05,0009.1,012.5*47
\$GPGGA,081515,3453.0165,N,07439.0532,W,2,9,0.2,4,M,,M,,*6A
\$HEHDT,114.2,T*29

PORT 5 04-06-2014 08:16:06
04104 ms
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PORT 4 04-06-2014 08:16:06

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\$GPGLL,3453.0165,N,07439.0532,W,081515,A*3E
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\$HEHDT,114.1,T*2A
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\$GPZDA,081515,06,04,2014,00,00*45
\$GPGBS,081515,,,,,,*49
\$GPGGA,081516,3453.0162,N,07439.0518,W,2,9,0.3,5,M,,M,,*66
\$HEHDT,115.1,T*2B

PORT 4 04-06-2014 08:16:08
\$GPGLL,3453.0162,N,07439.0518,W,081516,A*32
\$GPRMC,081516,A,3453.0162,N,07439.0518,W,3.8,94.1,060414,11.9,W*75
\$GPVTG,94.1,T,106.0,M,3.8,N,7.0,K*79
\$HEHDT,114.8,T*23
\$GPZDA,081516,06,04,2014,00,00*46
\$GPGBS,081516,003.3,000.6,002.5,26,0.05,0009.8,012.5*4D
\$GPGGA,081517,3453.0158,N,07439.0504,W,2,9,0.3,5,M,,M,,*63
\$HEHDT,116.0,T*29
\$GPGLL,3453.0158,N,07439.0504,W,081517,A*37
\$GPRMC,081517,A,3453.0158,N,07439.0504,W,3.8,94.1,060414,11.9,W*70
\$GPVTG,94.1,T,106.0,M,3.8,N,7.0,K*79
\$GPZDA,081517,06,04,2014,00,00*47
\$GPGBS,081517,003.4,000.7,002.3,26,0.05,0010.3,012.5*4F
\$GPGGA,081518,3453.0156,N,07439.0491,W,2,9,0.3,5,M,,M,,*6F
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PORT 4 04-06-2014 08:16:09
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\$GPGLL,3453.0156,N,07439.0491,W,081518,A*3B
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\$GPVTG,97.3,T,109.2,M,3.9,N,7.2,K*76
\$GPZDA,081518,06,04,2014,00,00*48
\$GPGBS,081518,,,,,,*44
\$HEHDT,118.1,T*26
\$GPGGA,081519,3453.0157,N,07439.0480,W,2,9,0.3,4,M,,M,,*6E

PORT 4 04-06-2014 08:16:10
\$GPGLL,3453.0157,N,07439.0480,W,081519,A*3B
\$HEHDT,118.3,T*24
\$GPRMC,081519,A,3453.0157,N,07439.0480,W,3.8,98.1,060414,11.9,W*70
\$GPVTG,98.1,T,110.0,M,3.8,N,7.0,K*72
\$GPZDA,081519,06,04,2014,00,00*49
\$GPGBS,081519,003.3,001.9,004.5,17,0.05,-010.0,012.5*55
\$GPGGA,081520,3453.0156,N,07439.0466,W,2,9,0.2,4,M,,M,,*6C
\$HEHDT,118.0,T*27

PORT 4 04-06-2014 08:16:11
\$GPGLL,3453.0156,N,07439.0466,W,081520,A*38
\$GPRMC,081520,A,3453.0156,N,07439.0466,W,3.9,97.0,060414,11.9,W*7C
\$HEHDT,118.4,T*23
\$GPVTG,97.0,T,108.9,M,3.9,N,7.2,K*7F
\$GPZDA,081520,06,04,2014,00,00*43
\$GPGBS,081520,003.0,002.1,004.6,17,0.05,-010.4,012.5*50
\$GPGGA,081521,3453.0155,N,07439.0451,W,2,9,0.2,4,M,,M,,*6A
\$HEHDT,118.4,T*23

PORT 4 04-06-2014 08:16:12
\$GPGLL,3453.0155,N,07439.0451,W,081521,A*3E
\$GPRMC,081521,A,3453.0155,N,07439.0451,W,3.9,97.0,060414,11.9,W*7A
\$GPVTG,97.0,T,108.9,M,3.9,N,7.2,K*7F
\$GPZDA,081521,06,04,2014,00,00*42
\$GPGBS,081521,003.0,002.3,004.1,17,0.05,-010.0,012.5*50
\$HEHDT,119.0,T*26

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\$GPGGA,081522,3453.0154,N,07439.0438,W,2,9,0.3,5,M,,M,,*67
\$HEHDT,119.2,T*24
\$GPGLL,3453.0154,N,07439.0438,W,081522,A*33
\$GPRMC,081522,A,3453.0154,N,07439.0438,W,3.9,96.8,060414,11.9,W*7E
\$GPVTG,96.8,T,108.7,M,3.9,N,7.2,K*78
\$GPZDA,081522,06,04,2014,00,00*41
\$GPGBS,081522,,,,,,,,*4D
\$GPGGA,081523,3453.0148,N,07439.0426,W,2,9,0.3,5,M,,M,,*64
\$HEHDT,120.4,T*28
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PORT 4 04-06-2014 08:16:13
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\$HEHDT,120.4,T*28
\$GPRMC,081523,A,3453.0148,N,07439.0426,W,3.9,97.7,060414,11.9,W*73
\$GPVTG,97.7,T,109.6,M,3.9,N,7.2,K*76
\$GPZDA,081523,06,04,2014,00,00*40
\$GPGBS,081523,,,,,,,,*4C
\$GPGGA,081524,3453.0143,N,07439.0414,W,2,9,0.3,5,M,,M,,*69
\$HEHDT,121.3,T*2E

PORT 4 04-06-2014 08:16:15
\$GPGLL,3453.0143,N,07439.0414,W,081524,A*3D
\$HEHDT,120.8,T*24
\$GPRMC,081524,A,3453.0143,N,07439.0414,W,3.9,100.3,060414,11.9,W*45
\$GPVTG,100.3,T,112.2,M,3.9,N,7.2,K*43
\$GPZDA,081524,06,04,2014,00,00*47
\$GPGBS,081524,,,,,,,,*4B
\$GPGGA,081525,3453.0139,N,07439.0402,W,2,9,0.3,5,M,,M,,*62
\$HEHDT,120.8,T*24

PORT 4 04-06-2014 08:16:16
\$GPGLL,3453.0139,N,07439.0402,W,081525,A*36
\$GPRMC,081525,A,3453.0139,N,07439.0402,W,3.8,103.5,060414,11.9,W*4A
\$HEHDT,121.1,T*2C
\$GPVTG,103.5,T,115.4,M,3.8,N,7.0,K*44
\$GPZDA,081525,06,04,2014,00,00*46
\$GPGBS,081525,001.1,003.5,002.1,04,0.05,0014.0,012.5*4D
\$GPGGA,081526,3453.0134,N,07439.0391,W,2,9,0.2,5,M,,M,,*60
\$HEHDT,121.1,T*2C

PORT 4 04-06-2014 08:16:17
\$GPGLL,3453.0134,N,07439.0391,W,081526,A*35
\$GPRMC,081526,A,3453.0134,N,07439.0391,W,3.8,107.2,060414,11.9,W*4A
\$GPVTG,107.2,T,119.1,M,3.8,N,7.0,K*4E
\$GPZDA,081526,06,04,2014,00,00*45
\$HEHDT,121.5,T*28
\$GPGBS,081526,000.8,002.9,000.3,04,0.05,0020.3,012.5*4F
\$GPGGA,081527,3453.0132,N,07439.0378,W,2,9,0.2,5,M,,M,,*60

PORT 4 04-06-2014 08:16:18
\$HEHDT,121.8,T*25
\$GPGLL,3453.0132,N,07439.0378,W,081527,A*35
\$GPRMC,081527,A,3453.0132,N,07439.0378,W,3.8,107.2,060414,11.9,W*4A
\$GPVTG,107.2,T,119.1,M,3.8,N,7.0,K*4E
\$GPZDA,081527,06,04,2014,00,00*44
\$HEHDT,122.5,T*2B
\$GPGBS,081527,,,,,,,,*48
\$GPGGA,081528,3453.0128,N,07439.0367,W,2,8,0.3,5,M,,M,,*6A

PORT 4 04-06-2014 08:16:19
\$GPGLL,3453.0128,N,07439.0367,W,081528,A*3F

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\$HEHDT,122.4,T*2A
\$GPRMC,081528,A,3453.0128,N,07439.0367,W,3.8,107.6,060414,11.9,W*44
\$GPVTG,107.6,T,119.5,M,3.8,N,7.0,K*4E
\$GPZDA,081528,06,04,2014,00,00*4B
\$GPGBS,081528,001.1,003.7,001.7,04,0.05,0020.1,012.5*41
\$GPGGA,081529,3453.0125,N,07439.0352,W,2,8,0.3,5,M,,M,,*60
\$HEHDT,122.6,T*28

PORT 4 04-06-2014 08:16:20
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\$GPRMC,081529,A,3453.0125,N,07439.0352,W,3.8,107.7,060414,11.9,W*4F
\$GPVTG,107.7,T,119.6,M,3.8,N,7.0,K*4C
\$GPZDA,081529,06,04,2014,00,00*4A
\$GPGBS,081529,,,,,,*46
\$GPGGA,081530,3453.0123,N,07439.0339,W,2,9,0.3,5,M,,M,,*62
\$HEHDT,122.4,T*2A

PORT 4 04-06-2014 08:16:21
\$GPGLL,3453.0123,N,07439.0339,W,081530,A*36
\$HEHDT,122.6,T*28
\$GPRMC,081530,A,3453.0123,N,07439.0339,W,3.8,107.4,060414,11.9,W*4F
\$GPVTG,107.4,T,119.3,M,3.8,N,7.0,K*4A
\$GPZDA,081530,06,04,2014,00,00*42
\$GPGBS,081530,000.4,002.8,000.8,04,0.05,0016.9,012.5*41
\$GPGGA,081531,3453.0121,N,07439.0327,W,2,9,0.3,5,M,,M,,*6E
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PORT 4 04-06-2014 08:16:22
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\$HEHDT,123.0,T*2F
\$GPVTG,106.9,T,118.8,M,3.9,N,7.2,K*4F
\$GPZDA,081531,06,04,2014,00,00*43
\$GPGBS,081531,000.3,002.6,000.9,04,0.05,0015.5,012.5*47
\$GPGGA,081532,3453.0115,N,07439.0316,W,2,9,0.2,5,M,,M,,*69
\$HEHDT,123.5,T*2A
\$GPGLL,3453.0115,N,07439.0316,W,081532,A*3C
\$GPRMC,081532,A,3453.0115,N,07439.0316,W,3.8,108.0,060414,11.9,W*4E
\$GPVTG,108.0,T,119.9,M,3.8,N,7.0,K*4B
\$GPZDA,081532,06,04,2014,00,00*40
\$GPGBS,081532,,,,,,*4C
\$GPGGA,081533,3453.0109,N,07439.0305,W,2,9,0.2,5,M,,M,,*67
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PORT 12000 04-06-2014 08:16:22
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PORT 4 04-06-2014 08:16:23
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\$GPGLL,3453.0109,N,07439.0305,W,081533,A*32
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\$GPVTG,108.0,T,119.9,M,3.8,N,7.0,K*4B
\$GPZDA,081533,06,04,2014,00,00*41
\$GPGBS,081533,,,,,,*4D
\$GPGGA,081534,3453.0103,N,07439.0292,W,2,9,0.3,5,M,,M,,*64
\$HEHDT,122.7,T*29

PORT 4 04-06-2014 08:16:24
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\$HEHDT,123.1,T*2E
\$GPVTG,110.1,T,122.0,M,3.8,N,7.0,K*42
\$GPZDA,081534,06,04,2014,00,00*46

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$GPRMC,081535,A,3453.0098,N,07439.0278,W,3.9,112.0,060414,11.9,W*4E
$HEHDT,123.5,T*2A
$GPVTG,112.0,T,123.9,M,3.9,N,7.2,K*4A
$GPZDA,081535,06,04,2014,00,00*47
$GPGBS,081535,,,,,,,,*4B
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$HEHDT,124.2,T*2A
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PORT 4 04-06-2014 08:16:27
$GPGLL,3453.0096,N,07439.0264,W,081536,A*36
$GPRMC,081536,A,3453.0096,N,07439.0264,W,4.0,112.1,060414,11.9,W*41
$HEHDT,124.1,T*29
$GPVTG,112.1,T,124.0,M,4.0,N,7.4,K*4D
$GPZDA,081536,06,04,2014,00,00*44
$GPGBS,081536,,,,,,,,*48
$GPGGA,081537,3453.0092,N,07439.0253,W,2,10,0.3,6,M,,M,,*58
$HEHDT,124.2,T*2A
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PORT 4 04-06-2014 08:16:28
$GPGLL,3453.0092,N,07439.0253,W,081537,A*37
$GPRMC,081537,A,3453.0092,N,07439.0253,W,3.9,111.1,060414,11.9,W*4D
$GPVTG,111.1,T,123.0,M,3.9,N,7.2,K*41
$HEHDT,123.8,T*27
$GPZDA,081537,06,04,2014,00,00*45
$GPGBS,081537,000.1,003.3,000.1,04,0.05,0015.3,012.5*49
$GPGGA,081538,3453.0086,N,07439.0242,W,2,9,0.2,6,M,,M,,*6B
$HEHDT,124.1,T*29
$GPGLL,3453.0086,N,07439.0242,W,081538,A*3D
$GPRMC,081538,A,3453.0086,N,07439.0242,W,3.9,112.7,060414,11.9,W*42
$GPVTG,112.7,T,124.6,M,3.9,N,7.2,K*45
$GPZDA,081538,06,04,2014,00,00*4A
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$GPGGA,081539,3453.0078,N,07439.0229,W,2,9,0.2,6,M,,M,,*66
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PORT 4 04-06-2014 08:16:29
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$HEHDT,124.2,T*2A
$GPVTG,112.7,T,124.6,M,3.9,N,7.2,K*45
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$GPGBS,081539,,,,,,,,*47
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PORT 4 04-06-2014 08:16:30
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$HEHDT,123.1,T*2E
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$GPGBS,081540,,,,,,,,*49
$GPGGA,081541,3453.0071,N,07439.0199,W,2,8,0.3,6,M,,M,,*68
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\$HEHDT,123.4,T*2B
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\$GPGBS,081541,,,,,,,,*48
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PORT 4 04-06-2014 08:16:33
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PORT 4 04-06-2014 08:16:34
\$HEHDT,122.8,T*26
\$GPGLL,3453.0064,N,07439.0168,W,081543,A*36
\$GPRMC,081543,A,3453.0064,N,07439.0168,W,4.1,110.9,060414,11.9,w*4A
\$GPVTG,110.9,T,122.8,M,4.1,N,7.6,K*4A
\$GPZDA,081543,06,04,2014,00,00*46
\$GPGBS,081543,,,,,,,,*4A
\$GPGGA,081544,3453.0056,N,07439.0155,W,2,9,0.3,6,M,,M,,*69
\$HEHDT,122.4,T*2A

PORT 4 04-06-2014 08:16:35
\$GPGLL,3453.0056,N,07439.0155,W,081544,A*3E
\$HEHDT,122.8,T*26
\$GPRMC,081544,A,3453.0056,N,07439.0155,W,4.1,110.7,060414,11.9,w*4C
\$GPVTG,110.7,T,122.6,M,4.1,N,7.6,K*4A
\$GPZDA,081544,06,04,2014,00,00*41
\$GPGBS,081544,,,,,,,,*4D
\$GPGGA,081545,3453.0049,N,07439.0144,W,2,9,0.3,6,M,,M,,*66
\$HEHDT,122.2,T*2C

PORT 4 04-06-2014 08:16:36
\$GPGLL,3453.0049,N,07439.0144,W,081545,A*31
\$GPRMC,081545,A,3453.0049,N,07439.0144,W,4.2,113.0,060414,11.9,w*44
\$HEHDT,122.8,T*26
\$GPVTG,113.0,T,124.9,M,4.2,N,7.8,K*4A
\$GPZDA,081545,06,04,2014,00,00*40
\$GPGBS,081545,,,,,,,,*4C
\$GPGGA,081546,3453.0043,N,07439.0132,W,2,9,0.3,6,M,,M,,*6E
\$HEHDT,123.3,T*2C

PORT 4 04-06-2014 08:16:37
\$GPGLL,3453.0043,N,07439.0132,W,081546,A*39
\$GPRMC,081546,A,3453.0043,N,07439.0132,W,4.2,115.9,060414,11.9,w*43
\$GPVTG,115.9,T,127.8,M,4.2,N,7.8,K*47
\$HEHDT,123.4,T*2B
\$GPZDA,081546,06,04,2014,00,00*43
\$GPGBS,081546,,,,,,,,*4F
\$GPGGA,081547,3453.0040,N,07439.0119,W,2,9,0.3,6,M,,M,,*65
\$HEHDT,123.0,T*2F

PORT 4 04-06-2014 08:16:38
\$GPGLL,3453.0040,N,07439.0119,W,081547,A*32
\$GPRMC,081547,A,3453.0040,N,07439.0119,W,4.0,117.3,060414,11.9,w*42
\$HEHDT,122.8,T*26

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\$GPVTG,117.3,T,129.2,M,4.0,N,7.4,K*45
\$GPZDA,081547,06,04,2014,00,00*42
\$GPGBS,081547,,,,,,*4E
\$GPGGA,081548,3453.0038,N,07439.0105,W,2,9,0.3,6,M,,M,,*68

PORT 4 04-06-2014 08:16:39
\$HEHDT,122.6,T*28
\$GPGLL,3453.0038,N,07439.0105,W,081548,A*3F
\$GPRMC,081548,A,3453.0038,N,07439.0105,W,4.1,114.3,060414,11.9,W*4D
\$GPVTG,114.3,T,126.2,M,4.1,N,7.6,K*4A
\$HEHDT,122.4,T*2A
\$GPZDA,081548,06,04,2014,00,00*4D
\$GPGBS,081548,000.5,003.0,001.0,04,0.05,0023.8,012.5*48
\$GPGGA,081549,3453.0033,N,07439.0092,W,2,9,0.2,6,M,,M,,*6C

PORT 4 04-06-2014 08:16:40
\$HEHDT,122.6,T*28
\$GPGLL,3453.0033,N,07439.0092,W,081549,A*3A
\$GPRMC,081549,A,3453.0033,N,07439.0092,W,4.2,112.8,060414,11.9,W*46
\$GPVTG,112.8,T,124.7,M,4.2,N,7.8,K*4D
\$GPZDA,081549,06,04,2014,00,00*4C
\$GPGBS,081549,000.9,005.1,000.5,04,0.05,0026.7,012.5*4C
\$HEHDT,122.7,T*29
\$GPGGA,081550,3453.0029,N,07439.0079,W,2,10,0.2,6,M,,M,,*52

PORT 4 04-06-2014 08:16:41
\$HEHDT,122.9,T*27
\$GPGLL,3453.0029,N,07439.0079,W,081550,A*3C
\$GPRMC,081550,A,3453.0029,N,07439.0079,W,4.2,112.8,060414,11.9,W*40
\$GPVTG,112.8,T,124.7,M,4.2,N,7.8,K*4D
\$GPZDA,081550,06,04,2014,00,00*44
\$GPGBS,081550,,,,,,*48
\$HEHDT,123.0,T*2F
\$GPGGA,081551,3453.0023,N,07439.0069,W,2,10,0.3,7,M,,M,,*58

PORT 4 04-06-2014 08:16:42
\$GPGLL,3453.0023,N,07439.0069,W,081551,A*36
\$HEHDT,123.1,T*2E
\$GPRMC,081551,A,3453.0023,N,07439.0069,W,4.1,113.6,060414,11.9,W*46
\$GPVTG,113.6,T,125.5,M,4.1,N,7.6,K*4C
\$GPZDA,081551,06,04,2014,00,00*45
\$GPGBS,081551,000.2,002.8,001.0,04,0.05,0020.3,012.5*46
\$GPGGA,081552,3453.0017,N,07439.0056,W,2,9,0.2,7,M,,M,,*69
\$HEHDT,123.2,T*2D

PORT 4 04-06-2014 08:16:43
\$GPGLL,3453.0017,N,07439.0056,W,081552,A*3E
\$GPRMC,081552,A,3453.0017,N,07439.0056,W,4.1,115.0,060414,11.9,W*4E
\$HEHDT,123.3,T*2C
\$GPVTG,115.0,T,126.9,M,4.1,N,7.6,K*43
\$GPZDA,081552,06,04,2014,00,00*46
\$GPGBS,081552,000.3,002.0,000.2,04,0.05,0015.0,012.5*4A
\$GPGGA,081553,3453.0011,N,07439.0043,W,2,9,0.2,7,M,,M,,*6A
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PORT 12000 04-06-2014 08:16:43
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PORT 4 04-06-2014 08:16:44
\$GPGLL,3453.0011,N,07439.0043,W,081553,A*3D
\$GPRMC,081553,A,3453.0011,N,07439.0043,W,4.2,115.7,060414,11.9,W*49
\$GPVTG,115.7,T,127.6,M,4.2,N,7.8,K*47
\$HEHDT,123.5,T*2A
\$GPZDA,081553,06,04,2014,00,00*47

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\$GPGBS,081553,000.4,001.8,000.2,04,0.05,0013.1,012.5*40
\$GPGBS,081554,3453.0007,N,07439.0030,W,2,10,0.2,7,M,,M,,*56

PORT 4 04-06-2014 08:16:45
\$HEHDT,124.4,T*2C
\$GPGLL,3453.0007,N,07439.0030,W,081554,A*39
\$GPRMC,081554,A,3453.0007,N,07439.0030,W,4.2,114.9,060414,11.9,W*42
\$GPVTG,114.9,T,126.8,M,4.2,N,7.8,K*47
\$GPZDA,081554,06,04,2014,00,00*40
\$HEHDT,124.8,T*20
\$GPGBS,081554,000.2,002.8,000.8,04,0.05,0015.4,012.5*4B
\$GPGBS,081555,3453.0005,N,07439.0017,W,2,10,0.2,7,M,,M,,*50

PORT 4 04-06-2014 08:16:46
\$HEHDT,125.0,T*29
\$GPGLL,3453.0005,N,07439.0017,W,081555,A*3F
\$GPRMC,081555,A,3453.0005,N,07439.0017,W,4.1,113.6,060414,11.9,W*4F
\$GPVTG,113.6,T,125.5,M,4.1,N,7.6,K*4C
\$GPZDA,081555,06,04,2014,00,00*41
\$GPGBS,081555,000.1,002.3,000.8,04,0.05,0018.6,012.5*4D
\$GPGBS,081556,3453.0000,N,07439.0003,W,2,10,0.3,7,M,,M,,*52
\$HEHDT,124.5,T*2D

PORT 4 04-06-2014 08:16:47
\$GPGLL,3453.0000,N,07439.0003,W,081556,A*3C
\$HEHDT,124.1,T*29
\$GPRMC,081556,A,3453.0000,N,07439.0003,W,4.1,113.5,060414,11.9,W*4F
\$GPVTG,113.5,T,125.4,M,4.1,N,7.6,K*4E
\$GPZDA,081556,06,04,2014,00,00*42
\$GPGBS,081556,,,,,,,,*4E
\$GPGBS,081557,3452.9993,N,07438.9989,W,2,10,0.3,7,M,,M,,*5B
\$HEHDT,123.5,T*2A
\$GPGLL,3452.9993,N,07438.9989,W,081557,A*35
\$GPRMC,081557,A,3452.9993,N,07438.9989,W,4.2,115.2,060414,11.9,W*44
\$GPVTG,115.2,T,127.1,M,4.2,N,7.8,K*45
\$GPZDA,081557,06,04,2014,00,00*43
\$HEHDT,124.2,T*2A
\$GPGBS,081557,,,,,,,,*4F
\$GPGBS,081558,3452.9987,N,07438.9975,W,2,9,0.3,7,M,,M,,*6A

PORT 4 04-06-2014 08:16:48
\$HEHDT,123.9,T*26
\$GPGLL,3452.9987,N,07438.9975,W,081558,A*3C
\$GPRMC,081558,A,3452.9987,N,07438.9975,W,4.2,115.2,060414,11.9,W*4D
\$GPVTG,115.2,T,127.1,M,4.2,N,7.8,K*45
\$HEHDT,124.9,T*21
\$GPZDA,081558,06,04,2014,00,00*4C
\$GPGBS,081558,,,,,,,,*40
\$GPGBS,081559,3452.9984,N,07438.9963,W,2,9,0.3,7,M,,M,,*6F

PORT 4 04-06-2014 08:16:50
\$HEHDT,125.2,T*2B
\$GPGLL,3452.9984,N,07438.9963,W,081559,A*39
\$GPRMC,081559,A,3452.9984,N,07438.9963,W,4.2,115.9,060414,11.9,W*43
\$GPVTG,115.9,T,127.8,M,4.2,N,7.8,K*47
\$GPZDA,081559,06,04,2014,00,00*4D
\$GPGBS,081559,,,,,,,,*41
\$HEHDT,125.2,T*2B
\$GPGBS,081600,3452.9980,N,07438.9951,W,2,9,0.3,7,M,,M,,*65

PORT 4 04-06-2014 08:16:51
\$HEHDT,125.5,T*2C
\$GPGLL,3452.9980,N,07438.9951,W,081600,A*33

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\$GPRMC,081600,A,3452.9980,N,07438.9951,W,4.1,115.9,060414,11.9,w*4A
\$GPVTG,115.9,T,127.8,M,4.1,N,7.6,K*4A
\$GPZDA,081600,06,04,2014,00,00*42
\$GPGBS,081600,,,,,,,,*4E
\$GPGGA,081601,3452.9971,N,07438.9935,W,2,9,0.3,7,M,,M,,*68
\$HEHDT,125.1,T*28

PORT 4 04-06-2014 08:16:52
\$GPGLL,3452.9971,N,07438.9935,W,081601,A*3E
\$HEHDT,124.6,T*2E
\$GPRMC,081601,A,3452.9971,N,07438.9935,W,4.2,116.6,060414,11.9,w*48
\$GPVTG,116.6,T,128.5,M,4.2,N,7.8,K*49
\$GPZDA,081601,06,04,2014,00,00*43
\$GPGBS,081601,,,,,,,,*4F
\$GPGGA,081602,3452.9966,N,07438.9922,W,2,9,0.3,7,M,,M,,*6B
\$HEHDT,124.6,T*2E

PORT 4 04-06-2014 08:16:53
\$GPGLL,3452.9966,N,07438.9922,W,081602,A*3D
\$GPRMC,081602,A,3452.9966,N,07438.9922,W,4.2,116.6,060414,11.9,w*4B
\$HEHDT,124.8,T*20
\$GPVTG,116.6,T,128.5,M,4.2,N,7.8,K*49
\$GPZDA,081602,06,04,2014,00,00*40
\$GPGBS,081602,000.8,004.0,000.7,04,0.05,0031.7,012.5*45
\$GPGGA,081603,3452.9962,N,07438.9909,W,2,9,0.2,7,M,,M,,*66
\$HEHDT,125.6,T*2F
PORT 12000 04-06-2014 08:16:53
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PORT 4 04-06-2014 08:16:54
\$GPGLL,3452.9962,N,07438.9909,W,081603,A*31
\$GPRMC,081603,A,3452.9962,N,07438.9909,W,4.3,117.1,060414,11.9,w*40
\$GPVTG,117.1,T,129.0,M,4.3,N,8.0,K*4D
\$HEHDT,125.6,T*2F
\$GPZDA,081603,06,04,2014,00,00*41
\$GPGBS,081603,,,,,,,,*4D
\$GPGGA,081604,3452.9957,N,07438.9897,W,2,8,0.3,7,M,,M,,*61
\$HEHDT,125.9,T*20

PORT 4 04-06-2014 08:16:55
\$GPGLL,3452.9957,N,07438.9897,W,081604,A*36
\$GPRMC,081604,A,3452.9957,N,07438.9897,W,4.1,116.2,060414,11.9,w*47
\$GPVTG,116.2,T,128.1,M,4.1,N,7.6,K*44
\$GPZDA,081604,06,04,2014,00,00*46
\$GPGBS,081604,,,,,,,,*4A
\$HEHDT,126.8,T*22
\$GPGGA,081605,3452.9952,N,07438.9883,W,2,8,0.3,7,M,,M,,*60

PORT 4 04-06-2014 08:16:56
\$HEHDT,126.4,T*2E
\$GPGLL,3452.9952,N,07438.9883,W,081605,A*37
\$GPRMC,081605,A,3452.9952,N,07438.9883,W,4.1,116.2,060414,11.9,w*46
\$GPVTG,116.2,T,128.1,M,4.1,N,7.6,K*44
\$GPZDA,081605,06,04,2014,00,00*47
\$GPGBS,081605,,,,,,,,*4B
\$HEHDT,126.5,T*2F
\$GPGGA,081606,3452.9944,N,07438.9873,W,2,9,0.3,7,M,,M,,*6A

PORT 4 04-06-2014 08:16:57
\$GPGLL,3452.9944,N,07438.9873,W,081606,A*3C
\$HEHDT,126.7,T*2D
\$GPRMC,081606,A,3452.9944,N,07438.9873,W,4.2,116.3,060414,11.9,w*4F
\$GPVTG,116.3,T,128.2,M,4.2,N,7.8,K*4B

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\$GPZDA,081606,06,04,2014,00,00*44
\$GPGBS,081606,002.7,006.5,002.8,04,0.05,0038.3,012.5*4B
\$GPGGA,081607,3452.9939,N,07438.9859,W,2,9,0.3,7,M,,M,,*69
\$HEHDT,127.2,T*29

PORT 4 04-06-2014 08:16:58
\$GPGLL,3452.9939,N,07438.9859,W,081607,A*3F
\$GPRMC,081607,A,3452.9939,N,07438.9859,W,4.2,116.3,060414,11.9,W*4C
\$HEHDT,127.2,T*29
\$GPVTG,116.3,T,128.2,M,4.2,N,7.8,K*4B
\$GPZDA,081607,06,04,2014,00,00*45
\$GPGBS,081607,,,,,,*49
\$GPGGA,081608,3452.9934,N,07438.9847,W,2,9,0.3,7,M,,M,,*64
\$HEHDT,127.3,T*28

PORT 5 04-06-2014 08:17:00
IN
PORT 4 04-06-2014 08:17:00
\$GPGLL,3452.9939,N,07438.9859,W,081607,A*3F
\$GPRMC,081607,A,3452.9939,N,07438.9859,W,4.2,116.3,060414,11.9,W*4C
\$HEHDT,127.2,T*29
\$GPVTG,116.3,T,128.2,M,4.2,N,7.8,K*4B
\$GPZDA,081607,06,04,2014,00,00*45
\$GPGBS,081607,,,,,,*49
\$GPGGA,081608,3452.9934,N,07438.9847,W,2,9,0.3,7,M,,M,,*64
\$HEHDT,127.3,T*28
\$GPGLL,3452.9934,N,07438.9847,W,081608,A*32
\$GPRMC,081608,A,3452.9934,N,07438.9847,W,4.2,116.9,060414,11.9,W*4B
\$GPVTG,116.9,T,128.8,M,4.2,N,7.8,K*4B
\$HEHDT,128.3,T*27
\$GPZDA,081608,06,04,2014,00,00*4A
\$GPGBS,081608,,,,,,*46
\$GPGGA,081609,3452.9930,N,07438.9835,W,2,9,0.3,7,M,,M,,*64
\$HEHDT,128.3,T*27
\$GPGLL,3452.9930,N,07438.9835,W,081609,A*32
\$GPRMC,081609,A,3452.9930,N,07438.9835,W,4.2,116.9,060414,11.9,W*4B
\$GPVTG,116.9,T,128.8,M,4.2,N,7.8,K*4B
\$GPZDA,081609,06,04,2014,00,00*4B
\$HEHDT,129.2,T*27
\$GPGBS,081609,,,,,,*47
\$GPGGA,081610,3452.9926,N,07438.9824,W,2,7,0.4,7,M,,M,,*62

PORT 4 04-06-2014 08:17:01
\$HEHDT,129.2,T*27
\$GPGLL,3452.9926,N,07438.9824,W,081610,A*3D
\$GPRMC,081610,A,3452.9926,N,07438.9824,W,4.1,117.1,060414,11.9,W*4E
\$GPVTG,117.1,T,129.0,M,4.1,N,7.6,K*46
\$GPZDA,081610,06,04,2014,00,00*43
\$GPGBS,081610,,,,,,*4F
\$GPGGA,081611,3452.9921,N,07438.9812,W,2,7,0.3,7,M,,M,,*66
\$HEHDT,129.6,T*23

PORT 4 04-06-2014 08:17:02
\$GPGLL,3452.9921,N,07438.9812,W,081611,A*3E
\$HEHDT,129.7,T*22
\$GPRMC,081611,A,3452.9921,N,07438.9812,W,4.0,117.2,060414,11.9,W*4F
\$GPVTG,117.2,T,129.1,M,4.0,N,7.4,K*47
\$GPZDA,081611,06,04,2014,00,00*42
\$GPGBS,081611,,,,,,*4E
\$GPGGA,081612,3452.9915,N,07438.9799,W,2,8,0.3,7,M,,M,,*61
\$HEHDT,129.9,T*2C

PORT 5 04-06-2014 08:17:03

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PORT 4 04-06-2014 08:17:03

\$GPGLL,3452.9915,N,07438.9799,W,081612,A*36

\$GPRMC,081612,A,3452.9915,N,07438.9799,W,4.2,118.5,060414,11.9,W*4D

\$HEHDT,130.3,T*2E

\$GPVTG,118.5,T,130.4,M,4.2,N,7.8,K*4C

\$GPZDA,081612,06,04,2014,00,00*41

\$GPGBS,081612,,,,,,,,*4D

\$GPGGA,081613,3452.9910,N,07438.9786,W,2,8,0.3,7,M,,M,,*6B

\$HEHDT,130.9,T*24

PORT 12000 04-06-2014 08:17:03

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PORT 4 04-06-2014 08:17:04

\$GPGLL,3452.9910,N,07438.9786,W,081613,A*3C

\$GPRMC,081613,A,3452.9910,N,07438.9786,W,4.2,118.5,060414,11.9,W*47

\$HEHDT,131.0,T*2C

\$GPVTG,118.5,T,130.4,M,4.2,N,7.8,K*4C

\$GPZDA,081613,06,04,2014,00,00*40

\$GPGBS,081613,,,,,,,,*4C

\$GPGGA,081614,3452.9908,N,07438.9781,W,2,8,0.3,7,M,,M,,*62

\$HEHDT,131.7,T*2B

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PORT 4 04-06-2014 08:17:05

\$GPGLL,3452.9908,N,07438.9781,W,081614,A*35

\$GPRMC,081614,A,3452.9908,N,07438.9781,W,4.2,118.7,060414,11.9,W*4C

\$GPVTG,118.7,T,130.6,M,4.2,N,7.8,K*4C

\$HEHDT,132.3,T*2C

\$GPZDA,081614,06,04,2014,00,00*47

\$GPGBS,081614,001.8,011.8,004.4,04,0.05,0050.5,012.5*4D

\$GPGGA,081615,3452.9905,N,07438.9773,W,2,8,0.3,7,M,,M,,*63

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PORT 4 04-06-2014 08:17:06

\$HEHDT,133.3,T*2D

\$GPGLL,3452.9905,N,07438.9773,W,081615,A*34

\$GPRMC,081615,A,3452.9905,N,07438.9773,W,4.2,118.2,060414,11.9,W*48

\$GPVTG,118.2,T,130.1,M,4.2,N,7.8,K*4E

\$GPZDA,081615,06,04,2014,00,00*46

\$GPGBS,081615,001.0,006.0,001.9,04,0.05,0023.5,012.5*46

\$HEHDT,133.2,T*2C

\$GPGGA,081616,3452.9899,N,07438.9762,W,2,9,0.3,7,M,,M,,*65

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PORT 4 04-06-2014 08:17:07

\$GPGLL,3452.9899,N,07438.9762,W,081616,A*33

\$HEHDT,134.1,T*28

\$GPRMC,081616,A,3452.9899,N,07438.9762,W,4.0,117.4,060414,11.9,W*44

\$GPVTG,117.4,T,129.3,M,4.0,N,7.4,K*43

\$GPZDA,081616,06,04,2014,00,00*45

\$GPGBS,081616,000.6,004.4,001.6,04,0.05,0027.2,012.5*48

\$GPGGA,081617,3452.9892,N,07438.9750,W,2,9,0.3,7,M,,M,,*6E

\$HEHDT,134.6,T*2F

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PORT 4 04-06-2014 08:17:08

\$HEHDT,135.2,T*2A

\$GPGLL,3452.9892,N,07438.9750,W,081617,A*38

\$GPRMC,081617,A,3452.9892,N,07438.9750,W,4.1,118.1,060414,11.9,W*44

\$GPVTG,118.1,T,130.0,M,4.1,N,7.6,K*41

\$GPZDA,081617,06,04,2014,00,00*44

\$GPGBS,081617,,,,,,,,*48

\$HEHDT,135.5,T*2D

\$GPGGA,081618,3452.9887,N,07438.9742,W,2,8,0.3,8,M,,M,,*68

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PORT 4 04-06-2014 08:17:09

\$GPGLL,3452.9887,N,07438.9742,W,081618,A*30
\$HEHDT,135.6,T*2E
\$GPRMC,081618,A,3452.9887,N,07438.9742,W,4.2,119.9,060414,11.9,w*46
\$GPVTG,119.9,T,131.8,M,4.2,N,7.8,K*4C
\$GPZDA,081618,06,04,2014,00,00*4B
\$GPGBS,081618,001.3,004.6,000.3,04,0.05,0019.6,012.5*4D
\$GPGGA,081619,3452.9883,N,07438.9732,W,2,8,0.3,8,M,,M,,*6A
\$HEHDT,135.9,T*21

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PORT 4 04-06-2014 08:17:10

\$GPGLL,3452.9883,N,07438.9732,W,081619,A*32
\$GPRMC,081619,A,3452.9883,N,07438.9732,W,4.0,121.3,060414,11.9,w*47
\$GPVTG,121.3,T,133.2,M,4.0,N,7.4,K*4B
\$HEHDT,136.2,T*29
\$GPZDA,081619,06,04,2014,00,00*4A
\$GPGBS,081619,000.6,004.4,001.6,04,0.05,0017.0,012.5*46
\$GPGGA,081620,3452.9876,N,07438.9719,W,2,9,0.3,8,M,,M,,*62
\$HEHDT,136.9,T*22
\$GPGLL,3452.9876,N,07438.9719,W,081620,A*3B
\$GPRMC,081620,A,3452.9876,N,07438.9719,W,4.0,122.6,060414,11.9,w*48
\$GPVTG,122.6,T,134.5,M,4.0,N,7.4,K*4D
\$GPZDA,081620,06,04,2014,00,00*40
\$GPGBS,081620,,,,,,*4C
\$GPGGA,081621,3452.9870,N,07438.9706,W,2,9,0.3,8,M,,M,,*6B
\$HEHDT,137.3,T*29

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PORT 4 04-06-2014 08:17:11

\$HEHDT,138.5,T*20
\$GPGLL,3452.9870,N,07438.9706,W,081621,A*32
\$GPRMC,081621,A,3452.9870,N,07438.9706,W,4.0,122.6,060414,11.9,w*41
\$GPVTG,122.6,T,134.5,M,4.0,N,7.4,K*4D
\$GPZDA,081621,06,04,2014,00,00*41
\$GPGBS,081621,,,,,,*4D
\$GPGGA,081622,3452.9865,N,07438.9693,W,2,8,0.3,8,M,,M,,*60
\$HEHDT,138.9,T*2C

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PORT 4 04-06-2014 08:17:12

\$GPGLL,3452.9865,N,07438.9693,W,081622,A*38
\$HEHDT,139.9,T*2D
\$GPRMC,081622,A,3452.9865,N,07438.9693,W,4.0,122.2,060414,11.9,w*4F
\$GPVTG,122.2,T,134.1,M,4.0,N,7.4,K*4D
\$GPZDA,081622,06,04,2014,00,00*42
\$GPGBS,081622,,,,,,*4E
\$GPGGA,081623,3452.9861,N,07438.9680,W,2,8,0.3,8,M,,M,,*67
\$HEHDT,140.0,T*2A

PORT 12000 04-06-2014 08:17:12

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:17:13

\$GPGLL,3452.9861,N,07438.9680,W,081623,A*3F
\$GPRMC,081623,A,3452.9861,N,07438.9680,W,4.0,121.8,060414,11.9,w*41
\$HEHDT,140.8,T*22
\$GPVTG,121.8,T,133.7,M,4.0,N,7.4,K*45
\$GPZDA,081623,06,04,2014,00,00*43
\$GPGBS,081623,,,,,,*4F
\$GPGGA,081624,3452.9854,N,07438.9669,W,2,8,0.3,8,M,,M,,*61

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PORT 4 04-06-2014 08:17:14

\$HEHDT,140.5,T*2F
\$GPGLL,3452.9854,N,07438.9669,W,081624,A*39
\$GPRMC,081624,A,3452.9854,N,07438.9669,W,4.0,121.8,060414,11.9,w*47
\$GPVTG,121.8,T,133.7,M,4.0,N,7.4,K*45

S01_C04_survey.Log

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$HEHDT,141.1,T*2A
$GPZDA,081624,06,04,2014,00,00*44
$GPGBS,081624,,,,,,,,*48
$GPGGA,081625,3452.9850,N,07438.9656,W,2,8,0.3,8,M,,M,,*68
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PORT 4 04-06-2014 08:17:16
$HEHDT,140.6,T*2C
$GPGLL,3452.9850,N,07438.9656,W,081625,A*30
$GPRMC,081625,A,3452.9850,N,07438.9656,W,4.0,122.4,060414,11.9,W*41
$GPVTG,122.4,T,134.3,M,4.0,N,7.4,K*49
$GPZDA,081625,06,04,2014,00,00*45
$GPGBS,081625,,,,,,,,*49
$HEHDT,140.5,T*2F
$GPGGA,081626,3452.9841,N,07438.9644,W,2,9,0.3,8,M,,M,,*69
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PORT 4 04-06-2014 08:17:17
$HEHDT,140.9,T*23
$GPGLL,3452.9841,N,07438.9644,W,081626,A*30
$GPRMC,081626,A,3452.9841,N,07438.9644,W,4.1,123.1,060414,11.9,W*44
$GPVTG,123.1,T,135.0,M,4.1,N,7.6,K*4C
$GPZDA,081626,06,04,2014,00,00*46
$GPGBS,081626,,,,,,,,*4A
$GPGGA,081627,3452.9833,N,07438.9633,W,2,9,0.3,8,M,,M,,*6D
$HEHDT,140.5,T*2F
#
PORT 4 04-06-2014 08:17:18
$GPGLL,3452.9833,N,07438.9633,W,081627,A*34
$HEHDT,140.9,T*23
$GPRMC,081627,A,3452.9833,N,07438.9633,W,4.1,125.2,060414,11.9,W*45
$GPVTG,125.2,T,137.1,M,4.1,N,7.6,K*4A
$GPZDA,081627,06,04,2014,00,00*47
$GPGBS,081627,,,,,,,,*4B
$GPGGA,081628,3452.9825,N,07438.9626,W,2,9,0.3,9,M,,M,,*60
$HEHDT,140.8,T*22
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PORT 4 04-06-2014 08:17:19
$GPGLL,3452.9825,N,07438.9626,W,081628,A*38
$GPRMC,081628,A,3452.9825,N,07438.9626,W,4.0,128.3,060414,11.9,W*44
$HEHDT,141.2,T*29
$GPVTG,128.3,T,140.2,M,4.0,N,7.4,K*46
$GPZDA,081628,06,04,2014,00,00*48
$GPGBS,081628,,,,,,,,*44
$GPGGA,081629,3452.9818,N,07438.9616,W,2,9,0.3,9,M,,M,,*6C
$HEHDT,141.2,T*29
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PORT 4 04-06-2014 08:17:20
$GPGLL,3452.9818,N,07438.9616,W,081629,A*34
$GPRMC,081629,A,3452.9818,N,07438.9616,W,4.0,130.2,060414,11.9,W*40
$HEHDT,141.7,T*2C
$GPVTG,130.2,T,142.1,M,4.0,N,7.4,K*4F
$GPZDA,081629,06,04,2014,00,00*49
$GPGBS,081629,,,,,,,,*45
$GPGGA,081630,3452.9810,N,07438.9604,W,2,6,0.3,9,M,,M,,*60
$HEHDT,141.5,T*2E
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PORT 4 04-06-2014 08:17:21
$GPGLL,3452.9810,N,07438.9604,W,081630,A*37
$GPRMC,081630,A,3452.9810,N,07438.9604,W,4.1,130.3,060414,11.9,W*43
$GPVTG,130.3,T,142.2,M,4.1,N,7.6,K*4E
$GPZDA,081630,06,04,2014,00,00*41
$HEHDT,141.6,T*2D
$GPGBS,081630,,,,,,,,*4D
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S01_C04_survey.Log

\$HEHDT,141.0,T*2B

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PORT 4 04-06-2014 08:17:22

\$GPGLL,3452.9803,N,07438.9593,W,081631,A*39

\$GPRMC,081631,A,3452.9803,N,07438.9593,W,4.2,130.7,060414,11.9,W*4A

\$GPVTG,130.7,T,142.6,M,4.2,N,7.8,K*43

\$GPZDA,081631,06,04,2014,00,00*40

\$GPGBS,081631,,,,,,,,*4C

\$GPGGA,081632,3452.9794,N,07438.9582,W,2,6,0.3,9,M,,M,,*6C

\$HEHDT,141.5,T*2E

#

PORT 4 04-06-2014 08:17:23

\$GPGLL,3452.9794,N,07438.9582,W,081632,A*3B

\$HEHDT,140.8,T*22

\$GPRMC,081632,A,3452.9794,N,07438.9582,W,4.1,131.4,060414,11.9,W*49

\$GPVTG,131.4,T,143.3,M,4.1,N,7.6,K*48

\$GPZDA,081632,06,04,2014,00,00*43

\$GPGBS,081632,,,,,,,,*4F

\$GPGGA,081633,3452.9789,N,07438.9570,W,2,6,0.3,9,M,,M,,*6C

\$HEHDT,140.5,T*2F

PORT 12000 04-06-2014 08:17:23

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:17:24

\$GPGLL,3452.9789,N,07438.9570,W,081633,A*3B

\$HEHDT,140.2,T*28

\$GPRMC,081633,A,3452.9789,N,07438.9570,W,4.1,130.7,060414,11.9,W*4B

\$GPVTG,130.7,T,142.6,M,4.1,N,7.6,K*4E

\$GPZDA,081633,06,04,2014,00,00*42

\$GPGBS,081633,,,,,,,,*4E

\$GPGGA,081634,3452.9782,N,07438.9558,W,2,6,0.3,9,M,,M,,*6A

\$HEHDT,140.0,T*2A

\$GPGLL,3452.9782,N,07438.9558,W,081634,A*3D

\$GPRMC,081634,A,3452.9782,N,07438.9558,W,4.1,129.2,060414,11.9,W*40

\$HEHDT,139.5,T*21

\$GPVTG,129.2,T,141.1,M,4.1,N,7.6,K*47

\$GPZDA,081634,06,04,2014,00,00*45

\$GPGBS,081634,,,,,,,,*49

\$GPGGA,081635,3452.9775,N,07438.9546,W,2,6,0.3,9,M,,M,,*6C

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PORT 4 04-06-2014 08:17:25

\$HEHDT,138.8,T*2D

\$GPGLL,3452.9775,N,07438.9546,W,081635,A*3B

\$GPRMC,081635,A,3452.9775,N,07438.9546,W,4.2,128.5,060414,11.9,W*43

\$GPVTG,128.5,T,140.4,M,4.2,N,7.8,K*48

\$HEHDT,139.1,T*25

\$GPZDA,081635,06,04,2014,00,00*44

\$GPGBS,081635,,,,,,,,*48

\$GPGGA,081636,3452.9767,N,07438.9536,W,2,9,0.3,9,M,,M,,*64

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PORT 4 04-06-2014 08:17:26

\$HEHDT,138.6,T*23

\$GPGLL,3452.9767,N,07438.9536,W,081636,A*3C

\$GPRMC,081636,A,3452.9767,N,07438.9536,W,4.2,129.1,060414,11.9,W*41

\$GPVTG,129.1,T,141.0,M,4.2,N,7.8,K*48

\$GPZDA,081636,06,04,2014,00,00*47

\$GPGBS,081636,,,,,,,,*4B

\$HEHDT,138.9,T*2C

\$GPGGA,081637,3452.9757,N,07438.9524,W,2,9,0.3,9,M,,M,,*65

#

PORT 4 04-06-2014 08:17:27

\$HEHDT,138.5,T*20

\$GPGLL,3452.9757,N,07438.9524,W,081637,A*3D

S01_C04_survey.Log

\$GPRMC,081637,A,3452.9757,N,07438.9524,W,4.2,129.8,060414,11.9,w*49
\$GPVTG,129.8,T,141.7,M,4.2,N,7.8,K*46
\$GPZDA,081637,06,04,2014,00,00*46
\$GPGBS,081637,,,,,,,,*4A
\$GPGGA,081638,3452.9750,N,07438.9515,W,2,8,0.3,9,M,,M,,*6E
\$HEHDT,138.9,T*2C

PORT 4 04-06-2014 08:17:29
\$HEHDT,138.0,T*25
\$GPGLL,3452.9750,N,07438.9515,W,081638,A*37
\$GPRMC,081638,A,3452.9750,N,07438.9515,W,4.2,130.2,060414,11.9,w*41
\$GPVTG,130.2,T,142.1,M,4.2,N,7.8,K*41
\$GPZDA,081638,06,04,2014,00,00*49
\$GPGBS,081638,,,,,,,,*45
\$GPGGA,081639,3452.9742,N,07438.9504,W,2,8,0.3,9,M,,M,,*6C
\$HEHDT,137.8,T*22

PORT 4 04-06-2014 08:17:30
\$GPGLL,3452.9742,N,07438.9504,W,081639,A*35
\$GPRMC,081639,A,3452.9742,N,07438.9504,W,4.2,130.2,060414,11.9,w*43
\$HEHDT,137.7,T*2D
\$GPVTG,130.2,T,142.1,M,4.2,N,7.8,K*41
\$GPZDA,081639,06,04,2014,00,00*48
\$GPGBS,081639,000.1,002.3,000.4,04,0.05,0014.1,012.5*43
\$GPGGA,081640,3452.9733,N,07438.9493,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,137.5,T*2F

PORT 4 04-06-2014 08:17:31
\$GPGLL,3452.9733,N,07438.9493,W,081640,A*32
\$GPRMC,081640,A,3452.9733,N,07438.9493,W,4.2,130.9,060414,11.9,w*4F
\$GPVTG,130.9,T,142.8,M,4.2,N,7.8,K*43
\$HEHDT,137.8,T*22
\$GPZDA,081640,06,04,2014,00,00*46
\$GPGBS,081640,,,,,,,,*4A
\$GPGGA,081641,3452.9725,N,07438.9483,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,137.4,T*2E

PORT 4 04-06-2014 08:17:32
\$GPGLL,3452.9725,N,07438.9483,W,081641,A*35
\$GPRMC,081641,A,3452.9725,N,07438.9483,W,4.2,131.7,060414,11.9,w*47
\$GPVTG,131.7,T,143.6,M,4.2,N,7.8,K*43
\$GPZDA,081641,06,04,2014,00,00*47
\$HEHDT,136.9,T*22
\$GPGBS,081641,,,,,,,,*4B
\$GPGGA,081642,3452.9716,N,07438.9473,W,2,6,0.3,9,M,,M,,*6E

PORT 4 04-06-2014 08:17:33
\$HEHDT,136.7,T*2C
\$GPGLL,3452.9716,N,07438.9473,W,081642,A*39
\$GPRMC,081642,A,3452.9716,N,07438.9473,W,4.2,133.0,060414,11.9,w*4E
\$GPVTG,133.0,T,144.9,M,4.2,N,7.8,K*4E
\$GPZDA,081642,06,04,2014,00,00*44
\$GPGBS,081642,,,,,,,,*48
\$GPGGA,081643,3452.9706,N,07438.9461,W,2,6,0.3,9,M,,M,,*6D
\$HEHDT,136.2,T*29
PORT 12000 04-06-2014 08:17:33
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PORT 4 04-06-2014 08:17:34
\$GPGLL,3452.9706,N,07438.9461,W,081643,A*3A
\$HEHDT,135.8,T*20
\$GPRMC,081643,A,3452.9706,N,07438.9461,W,4.3,133.5,060414,11.9,w*49
\$GPVTG,133.5,T,145.4,M,4.3,N,8.0,K*41

S01_C04_survey.Log

\$GPZDA,081643,06,04,2014,00,00*45
\$GPGBS,081643,,,,,,,,*49
\$GPGGA,081644,3452.9699,N,07438.9447,W,2,8,0.4,9,M,,M,,*60
\$HEHDT,135.9,T*21

PORT 4 04-06-2014 08:17:35
\$GPGLL,3452.9699,N,07438.9447,W,081644,A*3E
\$GPRMC,081644,A,3452.9699,N,07438.9447,W,4.3,131.8,060414,11.9,W*42
\$HEHDT,136.1,T*2A
\$GPVTG,131.8,T,143.7,M,4.3,N,8.0,K*4B
\$GPZDA,081644,06,04,2014,00,00*42
\$GPGBS,081644,,,,,,,,*4E
\$GPGGA,081645,3452.9695,N,07438.9432,W,2,8,0.3,9,M,,M,,*68
\$HEHDT,136.0,T*2B

PORT 4 04-06-2014 08:17:36
\$GPGLL,3452.9695,N,07438.9432,W,081645,A*31
\$GPRMC,081645,A,3452.9695,N,07438.9432,W,4.3,128.8,060414,11.9,W*45
\$HEHDT,136.3,T*28
\$GPVTG,128.8,T,140.7,M,4.3,N,8.0,K*40
\$GPZDA,081645,06,04,2014,00,00*43
\$GPGBS,081645,,,,,,,,*4F
\$GPGGA,081646,3452.9691,N,07438.9422,W,2,8,0.4,9,M,,M,,*69
\$HEHDT,136.2,T*29

PORT 4 04-06-2014 08:17:37
\$GPGLL,3452.9691,N,07438.9422,W,081646,A*37
\$GPRMC,081646,A,3452.9691,N,07438.9422,W,4.3,126.6,060414,11.9,W*43
\$GPVTG,126.6,T,138.5,M,4.3,N,8.0,K*4D
\$HEHDT,136.0,T*2B
\$GPZDA,081646,06,04,2014,00,00*40
\$GPGBS,081646,,,,,,,,*4C
\$GPGGA,081647,3452.9681,N,07438.9411,W,2,8,0.4,9,M,,M,,*69
\$HEHDT,135.7,T*2F

PORT 4 04-06-2014 08:17:39
\$GPGLL,3452.9681,N,07438.9411,W,081647,A*37
\$GPRMC,081647,A,3452.9681,N,07438.9411,W,4.3,126.6,060414,11.9,W*43
\$GPVTG,126.6,T,138.5,M,4.3,N,8.0,K*4D
\$GPZDA,081647,06,04,2014,00,00*41
\$HEHDT,135.6,T*2E
\$GPGBS,081647,000.3,004.9,000.0,04,0.05,0023.4,012.5*41
\$GPGGA,081648,3452.9673,N,07438.9400,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,135.2,T*2A
\$GPGLL,3452.9673,N,07438.9400,W,081648,A*35
\$GPRMC,081648,A,3452.9673,N,07438.9400,W,4.4,126.4,060414,11.9,W*44
\$GPVTG,126.4,T,138.3,M,4.4,N,8.1,K*4F
\$GPZDA,081648,06,04,2014,00,00*4E
\$GPGBS,081648,000.1,002.2,000.1,04,0.05,0016.7,012.5*45
\$HEHDT,135.3,T*2B
\$GPGGA,081649,3452.9663,N,07438.9391,W,2,9,0.3,9,M,,M,,*62

PORT 4 04-06-2014 08:17:40
\$GPGLL,3452.9663,N,07438.9391,W,081649,A*3A
\$HEHDT,135.0,T*28
\$GPRMC,081649,A,3452.9663,N,07438.9391,W,4.4,127.0,060414,11.9,W*4E
\$GPVTG,127.0,T,138.9,M,4.4,N,8.1,K*40
\$GPZDA,081649,06,04,2014,00,00*4F
\$GPGBS,081649,000.2,002.3,000.0,04,0.05,0017.3,012.5*42
\$GPGGA,081650,3452.9655,N,07438.9380,W,2,9,0.3,9,M,,M,,*6F
\$HEHDT,135.7,T*2F

PORT 4 04-06-2014 08:17:41

S01_C04_survey.Log

\$GPGLL,3452.9655,N,07438.9380,W,081650,A*37
\$GPRMC,081650,A,3452.9655,N,07438.9380,W,4.3,128.2,060414,11.9,w*49
\$HEHDT,135.5,T*2D
\$GPVTG,128.2,T,140.1,M,4.3,N,8.0,K*4C
\$GPZDA,081650,06,04,2014,00,00*47
\$GPGBS,081650,,,,,,,,*4B
\$GPGGA,081651,3452.9648,N,07438.9370,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,135.6,T*2E

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PORT 4 04-06-2014 08:17:42

\$GPGLL,3452.9648,N,07438.9370,W,081651,A*35
\$GPRMC,081651,A,3452.9648,N,07438.9370,W,4.3,129.6,060414,11.9,w*4E
\$HEHDT,135.8,T*20
\$GPVTG,129.6,T,141.5,M,4.3,N,8.0,K*4C
\$GPZDA,081651,06,04,2014,00,00*46
\$GPGBS,081651,000.7,003.7,000.8,04,0.05,0029.6,012.5*4B
\$GPGGA,081652,3452.9641,N,07438.9357,W,2,10,0.2,9,M,,M,,*5B
\$HEHDT,135.3,T*2B

#

PORT 4 04-06-2014 08:17:43

\$GPGLL,3452.9641,N,07438.9357,W,081652,A*3A
\$GPRMC,081652,A,3452.9641,N,07438.9357,W,4.3,129.5,060414,11.9,w*42
\$GPVTG,129.5,T,141.4,M,4.3,N,8.0,K*4E
\$GPZDA,081652,06,04,2014,00,00*45
\$GPGBS,081652,000.9,003.9,001.1,04,0.05,0032.6,012.5*4A
\$HEHDT,135.6,T*2E
\$GPGGA,081653,3452.9641,N,07438.9357,W,2,10,0.2,9,M,,M,,*5A

PORT 12000 04-06-2014 08:17:43

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:17:44

\$HEHDT,134.9,T*20
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\$GPRMC,081653,A,3452.9641,N,07438.9357,W,4.3,127.8,060414,11.9,w*40
\$GPVTG,127.8,T,139.7,M,4.3,N,8.0,K*41
\$GPZDA,081653,06,04,2014,00,00*44
\$GPGBS,081653,,,,,,,,*48
\$GPGGA,081654,3452.9626,N,07438.9328,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,135.2,T*2A

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PORT 4 04-06-2014 08:17:45

\$GPGLL,3452.9626,N,07438.9328,W,081654,A*35
\$HEHDT,134.7,T*2E
\$GPRMC,081654,A,3452.9626,N,07438.9328,W,4.4,126.4,060414,11.9,w*44
\$GPVTG,126.4,T,138.3,M,4.4,N,8.1,K*4F
\$GPZDA,081654,06,04,2014,00,00*43
\$GPGBS,081654,,,,,,,,*4F
\$GPGGA,081655,3452.9617,N,07438.9315,W,2,9,0.3,9,M,,M,,*60
\$HEHDT,134.9,T*20

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PORT 4 04-06-2014 08:17:46

\$GPGLL,3452.9617,N,07438.9315,W,081655,A*38
\$GPRMC,081655,A,3452.9617,N,07438.9315,W,4.4,126.7,060414,11.9,w*4A
\$HEHDT,134.6,T*2F
\$GPVTG,126.7,T,138.6,M,4.4,N,8.1,K*49
\$GPZDA,081655,06,04,2014,00,00*42
\$GPGBS,081655,,,,,,,,*4E
\$GPGGA,081656,3452.9610,N,07438.9302,W,2,7,0.3,9,M,,M,,*6C
\$HEHDT,134.8,T*21

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PORT 4 04-06-2014 08:17:47

\$GPGLL,3452.9610,N,07438.9302,W,081656,A*3A
\$GPRMC,081656,A,3452.9610,N,07438.9302,W,4.4,126.7,060414,11.9,w*48

S01_C04_survey.Log

\$GPVTG,126.7,T,138.6,M,4.4,N,8.1,K*49
\$HEHDT,134.8,T*21
\$GPZDA,081656,06,04,2014,00,00*41
\$GPGBS,081656,,,,,,,,*4D
\$GPGGA,081657,3452.9603,N,07438.9287,W,2,7,0.3,9,M,,M,,*63
\$HEHDT,135.6,T*2E

PORT 4 04-06-2014 08:17:48
\$GPGLL,3452.9603,N,07438.9287,W,081657,A*35
\$GPRMC,081657,A,3452.9603,N,07438.9287,W,4.4,126.0,060414,11.9,w*40
\$GPVTG,126.0,T,137.9,M,4.4,N,8.1,K*4E
\$GPZDA,081657,06,04,2014,00,00*40
\$HEHDT,135.5,T*2D
\$GPGBS,081657,,,,,,,,*4C
\$GPGGA,081658,3452.9596,N,07438.9274,W,2,7,0.3,9,M,,M,,*6F
\$HEHDT,135.7,T*2F

PORT 4 04-06-2014 08:17:50
\$GPGLL,3452.9596,N,07438.9274,W,081658,A*39
\$GPRMC,081658,A,3452.9596,N,07438.9274,W,4.4,125.7,060414,11.9,w*48
\$GPVTG,125.7,T,137.6,M,4.4,N,8.1,K*45
\$GPZDA,081658,06,04,2014,00,00*4F
\$GPGBS,081658,,,,,,,,*43
\$HEHDT,135.7,T*2F
\$GPGGA,081659,3452.9590,N,07438.9265,W,2,7,0.3,9,M,,M,,*68
\$GPGLL,3452.9590,N,07438.9265,W,081659,A*3E
\$HEHDT,135.9,T*21
\$GPRMC,081659,A,3452.9590,N,07438.9265,W,4.4,125.7,060414,11.9,w*4F
\$GPVTG,125.7,T,137.6,M,4.4,N,8.1,K*45
\$GPZDA,081659,06,04,2014,00,00*4E
\$GPGBS,081659,000.6,004.0,002.8,04,0.05,0017.3,012.5*48
\$GPGGA,081700,3452.9580,N,07438.9253,W,2,9,0.3,9,M,,M,,*6F
\$HEHDT,135.6,T*2E

PORT 4 04-06-2014 08:17:51
\$GPGLL,3452.9580,N,07438.9253,W,081700,A*37
\$HEHDT,136.1,T*2A
\$GPRMC,081700,A,3452.9580,N,07438.9253,W,4.4,125.9,060414,11.9,w*48
\$GPVTG,125.9,T,137.8,M,4.4,N,8.1,K*45
\$GPZDA,081700,06,04,2014,00,00*43
\$GPGBS,081700,,,,,,,,*4F
\$GPGGA,081701,3452.9572,N,07438.9244,W,2,9,0.3,9,M,,M,,*65
\$HEHDT,135.7,T*2F

PORT 4 04-06-2014 08:17:52
\$GPGLL,3452.9572,N,07438.9244,W,081701,A*3D
\$GPRMC,081701,A,3452.9572,N,07438.9244,W,4.3,127.0,060414,11.9,w*4E
\$HEHDT,136.5,T*2E
\$GPVTG,127.0,T,138.9,M,4.3,N,8.0,K*46
\$GPZDA,081701,06,04,2014,00,00*42
\$GPGBS,081701,000.5,003.0,000.3,04,0.05,0014.5,012.5*4C
\$GPGGA,081702,3452.9565,N,07438.9231,W,2,10,0.2,9,M,,M,,*5B
\$HEHDT,136.3,T*28

PORT 4 04-06-2014 08:17:53
\$GPGLL,3452.9565,N,07438.9231,W,081702,A*3A
\$GPRMC,081702,A,3452.9565,N,07438.9231,W,4.3,127.9,060414,11.9,w*40
\$GPVTG,127.9,T,139.8,M,4.3,N,8.0,K*4F
\$GPZDA,081702,06,04,2014,00,00*41
\$HEHDT,136.2,T*29
\$GPGBS,081702,,,,,,,,*4D
\$GPGGA,081703,3452.9565,N,07438.9231,W,2,10,0.3,9,M,,M,,*5B
\$HEHDT,136.1,T*2A

S01_C04_survey.Log

PORT 12000 04-06-2014 08:17:53

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:17:54

\$GPGLL,3452.9565,N,07438.9231,W,081703,A*3B

\$GPRMC,081703,A,3452.9565,N,07438.9231,W,4.3,127.6,060414,11.9,W*4E

\$GPVTG,127.6,T,139.5,M,4.3,N,8.0,K*4D

\$GPZDA,081703,06,04,2014,00,00*40

\$GPGBS,081703,,,,,,,,*4C

\$GPGGGA,081704,3452.9552,N,07438.9203,W,2,9,0.3,9,M,,M,,*61

\$HEHDT,135.8,T*20

\$GPGLL,3452.9552,N,07438.9203,W,081704,A*39

\$HEHDT,135.8,T*20

\$GPRMC,081704,A,3452.9552,N,07438.9203,W,4.4,125.5,060414,11.9,W*4A

\$GPVTG,125.5,T,137.4,M,4.4,N,8.1,K*45

\$GPZDA,081704,06,04,2014,00,00*47

\$GPGBS,081704,,,,,,,,*4B

\$GPGGGA,081705,3452.9552,N,07438.9203,W,2,9,0.3,9,M,,M,,*60

\$HEHDT,135.1,T*29

#

PORT 5 04-06-2014 08:17:56

IN

PORT 4 04-06-2014 08:17:56

\$GPGLL,3452.9552,N,07438.9203,W,081705,A*38

\$GPRMC,081705,A,3452.9552,N,07438.9203,W,4.4,125.5,060414,11.9,W*4B

\$HEHDT,135.1,T*29

\$GPVTG,125.5,T,137.4,M,4.4,N,8.1,K*45

\$GPZDA,081705,06,04,2014,00,00*46

\$GPGBS,081705,,,,,,,,*4A

\$GPGGGA,081706,3452.9537,N,07438.9176,W,2,10,0.2,9,M,,M,,*58

\$HEHDT,135.2,T*2A

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PORT 4 04-06-2014 08:17:57

\$GPGLL,3452.9537,N,07438.9176,W,081706,A*39

\$GPRMC,081706,A,3452.9537,N,07438.9176,W,4.4,125.3,060414,11.9,W*4C

\$GPVTG,125.3,T,137.2,M,4.4,N,8.1,K*45

\$HEHDT,135.0,T*28

\$GPZDA,081706,06,04,2014,00,00*45

\$GPGBS,081706,,,,,,,,*49

\$GPGGGA,081707,3452.9537,N,07438.9176,W,2,10,0.3,9,M,,M,,*58

\$HEHDT,135.2,T*2A

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PORT 4 04-06-2014 08:17:58

\$GPGLL,3452.9537,N,07438.9176,W,081707,A*38

\$GPRMC,081707,A,3452.9537,N,07438.9176,W,4.4,125.5,060414,11.9,W*4B

\$GPVTG,125.5,T,137.4,M,4.4,N,8.1,K*45

\$GPZDA,081707,06,04,2014,00,00*44

\$HEHDT,135.4,T*2C

\$GPGBS,081707,,,,,,,,*48

\$GPGGGA,081708,3452.9520,N,07438.9149,W,2,9,0.3,9,M,,M,,*65

\$HEHDT,135.8,T*20

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PORT 5 04-06-2014 08:17:59

04056 ms

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PORT 4 04-06-2014 08:17:59

\$GPGLL,3452.9520,N,07438.9149,W,081708,A*3D

\$GPRMC,081708,A,3452.9520,N,07438.9149,W,4.5,126.1,060414,11.9,W*48

\$GPVTG,126.1,T,138.0,M,4.5,N,8.3,K*4A

\$GPZDA,081708,06,04,2014,00,00*4B

\$GPGBS,081708,,,,,,,,*47

\$GPGGGA,081709,3452.9514,N,07438.9137,W,2,9,0.3,9,M,,M,,*6A

\$HEHDT,136.3,T*28

S01_C04_survey.Log

\$GPGLL,3452.9514,N,07438.9137,W,081709,A*32
\$HEHDT,136.4,T*2F
\$GPRMC,081709,A,3452.9514,N,07438.9137,W,4.5,126.5,060414,11.9,W*43
\$GPVTG,126.5,T,138.4,M,4.5,N,8.3,K*4A
\$GPZDA,081709,06,04,2014,00,00*4A
\$GPGBS,081709,,,,,,,,*46
\$GPGGA,081710,3452.9507,N,07438.9125,W,2,8,0.3,9,M,,M,,*62
\$HEHDT,136.6,T*2D

PORT 4 04-06-2014 08:18:00
\$GPGLL,3452.9507,N,07438.9125,W,081710,A*3B
\$GPRMC,081710,A,3452.9507,N,07438.9125,W,4.5,126.8,060414,11.9,W*47
\$HEHDT,137.0,T*2A
\$GPVTG,126.8,T,138.7,M,4.5,N,8.3,K*44
\$GPZDA,081710,06,04,2014,00,00*42
\$GPGBS,081710,,,,,,,,*4E
\$GPGGA,081711,3452.9507,N,07438.9125,W,2,8,0.3,9,M,,M,,*63
\$HEHDT,136.7,T*2C

PORT 4 04-06-2014 08:18:02
\$GPGLL,3452.9507,N,07438.9125,W,081711,A*3A
\$GPRMC,081711,A,3452.9507,N,07438.9125,W,4.5,126.8,060414,11.9,W*46
\$HEHDT,136.7,T*2C
\$GPVTG,126.8,T,138.7,M,4.5,N,8.3,K*44
\$GPZDA,081711,06,04,2014,00,00*43
\$GPGBS,081711,,,,,,,,*4F
\$GPGGA,081712,3452.9490,N,07438.9101,W,2,8,0.3,9,M,,M,,*69
\$HEHDT,136.3,T*28

PORT 4 04-06-2014 08:18:03
\$GPGLL,3452.9490,N,07438.9101,W,081712,A*30
\$GPRMC,081712,A,3452.9490,N,07438.9101,W,4.4,126.6,060414,11.9,W*43
\$GPVTG,126.6,T,138.5,M,4.4,N,8.1,K*4B
\$HEHDT,136.7,T*2C
\$GPZDA,081712,06,04,2014,00,00*40
\$GPGBS,081712,,,,,,,,*4C
\$GPGGA,081713,3452.9482,N,07438.9088,W,2,8,0.3,9,M,,M,,*6B

PORT 12000 04-06-2014 08:18:03
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:18:04
\$HEHDT,136.1,T*2A
\$GPGLL,3452.9482,N,07438.9088,W,081713,A*32
\$GPRMC,081713,A,3452.9482,N,07438.9088,W,4.4,126.9,060414,11.9,W*4E
\$GPVTG,126.9,T,138.8,M,4.4,N,8.1,K*49
\$GPZDA,081713,06,04,2014,00,00*41
\$GPGBS,081713,,,,,,,,*4D
\$HEHDT,136.0,T*2B
\$GPGGA,081714,3452.9474,N,07438.9076,W,2,9,0.3,9,M,,M,,*65

PORT 4 04-06-2014 08:18:05
\$HEHDT,136.2,T*29
\$GPGLL,3452.9474,N,07438.9076,W,081714,A*3D
\$GPRMC,081714,A,3452.9474,N,07438.9076,W,4.4,127.4,060414,11.9,W*4D
\$GPVTG,127.4,T,139.3,M,4.4,N,8.1,K*4F
\$GPZDA,081714,06,04,2014,00,00*46
\$GPGBS,081714,,,,,,,,*4A
\$GPGGA,081715,3452.9467,N,07438.9064,W,2,9,0.3,9,M,,M,,*65
\$HEHDT,136.5,T*2E

PORT 4 04-06-2014 08:18:06
\$GPGLL,3452.9467,N,07438.9064,W,081715,A*3D
\$GPRMC,081715,A,3452.9467,N,07438.9064,W,4.4,127.4,060414,11.9,W*4D

S01_C04_survey.Log

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$HEHDT,137.0,T*2A
$GPVTG,127.4,T,139.3,M,4.4,N,8.1,K*4F
$GPZDA,081715,06,04,2014,00,00*47
$GPGBS,081715,,,,,,,,*4B
$GPGGA,081716,3452.9460,N,07438.9052,W,2,8,0.3,9,M,,M,,*65
$HEHDT,137.4,T*2E
#
PORT 4 04-06-2014 08:18:07
$GPGLL,3452.9460,N,07438.9052,W,081716,A*3C
$GPRMC,081716,A,3452.9460,N,07438.9052,W,4.4,127.5,060414,11.9,W*4D
$HEHDT,137.3,T*29
$GPVTG,127.5,T,139.4,M,4.4,N,8.1,K*49
$GPZDA,081716,06,04,2014,00,00*44
$GPGBS,081716,,,,,,,,*48
$GPGGA,081717,3452.9453,N,07438.9038,W,2,8,0.3,9,M,,M,,*68
$HEHDT,137.6,T*2C
#
PORT 4 04-06-2014 08:18:08
$GPGLL,3452.9453,N,07438.9038,W,081717,A*31
$GPRMC,081717,A,3452.9453,N,07438.9038,W,4.4,127.3,060414,11.9,W*46
$HEHDT,136.7,T*2C
$GPVTG,127.3,T,139.2,M,4.4,N,8.1,K*49
$GPZDA,081717,06,04,2014,00,00*45
$GPGBS,081717,,,,,,,,*49
$GPGGA,081718,3452.9444,N,07438.9023,W,2,9,0.3,9,M,,M,,*6A
$HEHDT,137.3,T*29
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PORT 4 04-06-2014 08:18:09
$GPGLL,3452.9444,N,07438.9023,W,081718,A*32
$GPRMC,081718,A,3452.9444,N,07438.9023,W,4.4,126.5,060414,11.9,W*42
$HEHDT,136.7,T*2C
$GPVTG,126.5,T,138.4,M,4.4,N,8.1,K*49
$GPZDA,081718,06,04,2014,00,00*4A
$GPGBS,081718,,,,,,,,*46
$GPGGA,081719,3452.9436,N,07438.9011,W,2,9,0.3,9,M,,M,,*6F
#
PORT 4 04-06-2014 08:18:10
$HEHDT,136.8,T*23
$GPGLL,3452.9436,N,07438.9011,W,081719,A*37
$GPRMC,081719,A,3452.9436,N,07438.9011,W,4.5,125.8,060414,11.9,W*48
$GPVTG,125.8,T,137.7,M,4.5,N,8.3,K*48
$HEHDT,137.0,T*2A
$GPZDA,081719,06,04,2014,00,00*4B
$GPGBS,081719,000.2,002.5,000.1,04,0.05,0019.9,012.5*45
$GPGGA,081720,3452.9427,N,07438.9003,W,2,10,0.2,9,M,,M,,*5F
#
PORT 4 04-06-2014 08:18:11
$HEHDT,137.4,T*2E
$GPGLL,3452.9427,N,07438.9003,W,081720,A*3E
$GPRMC,081720,A,3452.9427,N,07438.9003,W,4.6,126.2,060414,11.9,W*4B
$GPVTG,126.2,T,138.1,M,4.6,N,8.5,K*4D
$GPZDA,081720,06,04,2014,00,00*41
$GPGBS,081720,000.3,003.1,000.0,04,0.05,0024.0,012.5*4D
$HEHDT,137.4,T*2E
$GPGGA,081721,3452.9421,N,07438.8996,W,2,10,0.3,9,M,,M,,*5D
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PORT 4 04-06-2014 08:18:12
$HEHDT,137.0,T*2A
$GPGLL,3452.9421,N,07438.8996,W,081721,A*3D
$GPRMC,081721,A,3452.9421,N,07438.8996,W,4.5,127.6,060414,11.9,W*4E
$GPVTG,127.6,T,139.5,M,4.5,N,8.3,K*48
$GPZDA,081721,06,04,2014,00,00*40
$GPGBS,081721,006.7,004.7,010.2,17,0.05,-022.2,012.5*57

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S01_C04_survey.Log

\$GPGGA,081722,3452.9414,N,07438.8984,W,2,10,0.2,9,M,,M,,*5A
 \$HEHDT,136.9,T*22
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 PORT 4 04-06-2014 08:18:13
 \$GPGLL,3452.9414,N,07438.8984,W,081722,A*3B
 \$HEHDT,136.9,T*22
 \$GPRMC,081722,A,3452.9414,N,07438.8984,W,4.4,129.0,060414,11.9,W*41
 \$GPVTG,129.0,T,140.9,M,4.4,N,8.1,K*41
 \$GPZDA,081722,06,04,2014,00,00*43
 \$GPGBS,081722,004.2,001.0,002.6,26,0.05,0014.3,012.5*4D
 \$GPGGA,081723,3452.9406,N,07438.8973,W,2,10,0.3,9,M,,M,,*51
 \$HEHDT,136.8,T*23
 PORT 12000 04-06-2014 08:18:13
 \$PPWBA,d2pc15,192.168.2.151,online
 #
 PORT 4 04-06-2014 08:18:14
 \$GPGLL,3452.9406,N,07438.8973,W,081723,A*31
 \$GPRMC,081723,A,3452.9406,N,07438.8973,W,4.5,129.5,060414,11.9,W*4F
 \$HEHDT,136.9,T*22
 \$GPVTG,129.5,T,141.4,M,4.5,N,8.3,K*4B
 \$GPZDA,081723,06,04,2014,00,00*42
 \$GPGBS,081723,005.5,003.6,008.2,17,0.05,-012.9,012.5*53
 \$GPGGA,081724,3452.9398,N,07438.8963,W,2,10,0.2,9,M,,M,,*56
 \$HEHDT,136.9,T*22
 #
 PORT 4 04-06-2014 08:18:15
 \$GPGLL,3452.9398,N,07438.8963,W,081724,A*37
 \$GPRMC,081724,A,3452.9398,N,07438.8963,W,4.5,129.8,060414,11.9,W*44
 \$GPVTG,129.8,T,141.7,M,4.5,N,8.3,K*45
 \$HEHDT,137.5,T*2F
 \$GPZDA,081724,06,04,2014,00,00*45
 \$GPGBS,081724,000.7,004.5,000.5,04,0.05,0018.0,012.5*44
 \$GPGGA,081725,3452.9391,N,07438.8952,W,2,10,0.2,9,M,,M,,*5C
 #
 PORT 4 04-06-2014 08:18:16
 \$HEHDT,137.4,T*2E
 \$GPGLL,3452.9391,N,07438.8952,W,081725,A*3D
 \$GPRMC,081725,A,3452.9391,N,07438.8952,W,4.5,130.3,060414,11.9,W*4D
 \$GPVTG,130.3,T,142.2,M,4.5,N,8.3,K*40
 \$GPZDA,081725,06,04,2014,00,00*44
 \$HEHDT,137.6,T*2C
 \$GPGBS,081725,000.4,003.0,000.4,04,0.05,0019.1,012.5*45
 \$GPGGA,081726,3452.9384,N,07438.8942,W,2,10,0.2,9,M,,M,,*5A
 #
 PORT 4 04-06-2014 08:18:17
 \$HEHDT,138.0,T*25
 \$GPGLL,3452.9384,N,07438.8942,W,081726,A*3B
 \$GPRMC,081726,A,3452.9384,N,07438.8942,W,4.5,130.3,060414,11.9,W*4B
 \$GPVTG,130.3,T,142.2,M,4.5,N,8.3,K*40
 \$GPZDA,081726,06,04,2014,00,00*47
 \$GPGBS,081726,000.6,004.7,000.6,04,0.05,0020.8,012.5*45
 \$HEHDT,137.8,T*22
 \$GPGGA,081727,3452.9378,N,07438.8930,W,2,10,0.2,9,M,,M,,*5D
 #
 PORT 4 04-06-2014 08:18:18
 \$GPGLL,3452.9378,N,07438.8930,W,081727,A*3C
 \$HEHDT,137.6,T*2C
 \$GPRMC,081727,A,3452.9378,N,07438.8930,W,4.5,129.6,060414,11.9,W*41
 \$GPVTG,129.6,T,141.5,M,4.5,N,8.3,K*49
 \$GPZDA,081727,06,04,2014,00,00*46
 \$GPGBS,081727,000.4,002.9,000.3,04,0.05,0018.8,012.5*40
 \$GPGGA,081728,3452.9370,N,07438.8918,W,2,10,0.2,9,M,,M,,*50
 \$HEHDT,136.9,T*22

S01_C04_survey.Log

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PORT 4 04-06-2014 08:18:19

\$GPGLL,3452.9370,N,07438.8918,W,081728,A*31
\$GPRMC,081728,A,3452.9370,N,07438.8918,W,4.5,128.9,060414,11.9,w*42
\$HEHDT,136.9,T*22
\$GPVTG,128.9,T,140.8,M,4.5,N,8.3,K*4B
\$GPZDA,081728,06,04,2014,00,00*49
\$GPGBS,081728,001.3,005.5,002.2,04,0.05,0020.1,012.5*43
\$GPGGA,081729,3452.9362,N,07438.8907,W,2,10,0.3,9,M,,M,,*5D
\$HEHDT,136.7,T*2C

#

PORT 4 04-06-2014 08:18:20

\$GPGLL,3452.9362,N,07438.8907,W,081729,A*3D
\$GPRMC,081729,A,3452.9362,N,07438.8907,W,4.5,128.1,060414,11.9,w*46
\$GPVTG,128.1,T,140.0,M,4.5,N,8.3,K*4B
\$HEHDT,137.5,T*2F
\$GPZDA,081729,06,04,2014,00,00*48
\$GPGBS,081729,000.4,005.2,000.2,04,0.05,0024.9,012.5*4D
\$GPGGA,081730,3452.9357,N,07438.8897,W,2,10,0.2,9,M,,M,,*5A
\$HEHDT,137.5,T*2F

#

PORT 4 04-06-2014 08:18:22

\$GPGLL,3452.9357,N,07438.8897,W,081730,A*3B
\$GPRMC,081730,A,3452.9357,N,07438.8897,W,4.6,127.1,060414,11.9,w*4C
\$GPVTG,127.1,T,139.0,M,4.6,N,8.5,K*4F
\$GPZDA,081730,06,04,2014,00,00*40
\$HEHDT,137.9,T*23
\$GPGBS,081730,002.4,006.1,003.2,04,0.05,0021.6,012.5*4E
\$GPGGA,081731,3452.9348,N,07438.8885,W,2,10,0.3,9,M,,M,,*57
\$HEHDT,138.0,T*25
\$GPGLL,3452.9348,N,07438.8885,W,081731,A*37
\$GPRMC,081731,A,3452.9348,N,07438.8885,W,4.5,126.5,060414,11.9,w*46
\$GPVTG,126.5,T,138.4,M,4.5,N,8.3,K*4A
\$GPZDA,081731,06,04,2014,00,00*41
\$GPGBS,081731,000.4,003.1,000.4,04,0.05,0023.5,012.5*4C
\$HEHDT,138.2,T*27
\$GPGGA,081732,3452.9338,N,07438.8872,W,2,10,0.2,9,M,,M,,*5A

#

PORT 4 04-06-2014 08:18:23

\$GPGLL,3452.9338,N,07438.8872,W,081732,A*3B
\$HEHDT,138.0,T*25
\$GPRMC,081732,A,3452.9338,N,07438.8872,W,4.5,126.9,060414,11.9,w*46
\$GPVTG,126.9,T,138.8,M,4.5,N,8.3,K*4A
\$GPZDA,081732,06,04,2014,00,00*42
\$GPGBS,081732,,,,,,, *4E
\$GPGGA,081733,3452.9328,N,07438.8862,W,2,10,0.3,9,M,,M,,*5A
\$HEHDT,137.4,T*2E

PORT 12000 04-06-2014 08:18:23

\$PPWBA,d2pc15,192.168.2.151,online

#

PORT 4 04-06-2014 08:18:24

\$GPGLL,3452.9328,N,07438.8862,W,081733,A*3A
\$GPRMC,081733,A,3452.9328,N,07438.8862,W,4.5,128.2,060414,11.9,w*42
\$HEHDT,137.6,T*2C
\$GPVTG,128.2,T,140.1,M,4.5,N,8.3,K*49
\$GPZDA,081733,06,04,2014,00,00*43
\$GPGBS,081733,000.1,004.2,001.2,04,0.05,0018.5,012.5*40
\$GPGGA,081734,3452.9319,N,07438.8848,W,2,9,0.3,9,M,,M,,*6F
\$HEHDT,137.2,T*28

#

PORT 4 04-06-2014 08:18:25

\$GPGLL,3452.9319,N,07438.8848,W,081734,A*37
\$GPRMC,081734,A,3452.9319,N,07438.8848,W,4.6,129.7,060414,11.9,w*48

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\$GPVTG,129.7,T,141.6,M,4.6,N,8.5,K*4E
\$GPZDA,081734,06,04,2014,00,00*44
\$HEHDT,137.4,T*2E
\$GPGBS,081734,,,,,,,,*48
\$GPGGA,081735,3452.9310,N,07438.8834,W,2,9,0.3,9,M,,M,,*6C
\$HEHDT,137.9,T*23

PORT 4 04-06-2014 08:18:26
\$GPGLL,3452.9310,N,07438.8834,W,081735,A*34
\$GPRMC,081735,A,3452.9310,N,07438.8834,W,4.6,130.6,060414,11.9,w*42
\$GPVTG,130.6,T,142.5,M,4.6,N,8.5,K*47
\$GPZDA,081735,06,04,2014,00,00*45
\$HEHDT,138.0,T*25
\$GPGBS,081735,,,,,,,,*49
\$GPGGA,081736,3452.9301,N,07438.8824,W,2,9,0.3,9,M,,M,,*6E

PORT 4 04-06-2014 08:18:27
\$HEHDT,138.6,T*23
\$GPGLL,3452.9301,N,07438.8824,W,081736,A*36
\$GPRMC,081736,A,3452.9301,N,07438.8824,W,4.6,130.8,060414,11.9,w*4E
\$GPVTG,130.8,T,142.7,M,4.6,N,8.5,K*4B
\$GPZDA,081736,06,04,2014,00,00*46
\$GPGBS,081736,000.8,005.6,000.4,04,0.05,0027.3,012.5*44
\$GPGGA,081737,3452.9294,N,07438.8809,W,2,9,0.2,9,M,,M,,*6C
\$HEHDT,138.7,T*22

PORT 4 04-06-2014 08:18:28
\$GPGLL,3452.9294,N,07438.8809,W,081737,A*35
\$HEHDT,139.4,T*20
\$GPRMC,081737,A,3452.9294,N,07438.8809,W,4.6,130.9,060414,11.9,w*4C
\$GPVTG,130.9,T,142.8,M,4.6,N,8.5,K*45
\$GPZDA,081737,06,04,2014,00,00*47
\$GPGBS,081737,,,,,,,,*4B
\$GPGGA,081738,3452.9286,N,07438.8794,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,139.0,T*24
\$GPGLL,3452.9286,N,07438.8794,W,081738,A*32
\$GPRMC,081738,A,3452.9286,N,07438.8794,W,4.6,130.2,060414,11.9,w*40
\$HEHDT,139.2,T*26
\$GPVTG,130.2,T,142.1,M,4.6,N,8.5,K*47
\$GPZDA,081738,06,04,2014,00,00*48
\$GPGBS,081738,,,,,,,,*44
\$GPGGA,081739,3452.9280,N,07438.8778,W,2,9,0.3,9,M,,M,,*6F

PORT 4 04-06-2014 08:18:29
\$HEHDT,139.6,T*22
\$GPGLL,3452.9280,N,07438.8778,W,081739,A*37
\$GPRMC,081739,A,3452.9280,N,07438.8778,W,4.6,128.9,060414,11.9,w*47
\$GPVTG,128.9,T,140.8,M,4.6,N,8.5,K*4E
\$GPZDA,081739,06,04,2014,00,00*49
\$HEHDT,139.4,T*20
\$GPGBS,081739,,,,,,,,*45
\$GPGGA,081740,3452.9274,N,07438.8763,W,2,9,0.3,9,M,,M,,*60

PORT 4 04-06-2014 08:18:30
\$HEHDT,139.4,T*20
\$GPGLL,3452.9274,N,07438.8763,W,081740,A*38
\$GPRMC,081740,A,3452.9274,N,07438.8763,W,4.6,127.4,060414,11.9,w*4A
\$HEHDT,139.0,T*24
\$GPVTG,127.4,T,139.3,M,4.6,N,8.5,K*49
\$GPZDA,081740,06,04,2014,00,00*47
\$GPGBS,081740,,,,,,,,*4B

PORT 4 04-06-2014 08:18:31

S01_C04_survey.Log

\$GPGGA,081741,3452.9268,N,07438.8750,W,2,9,0.2,9,M,,M,,*6D
\$HEHDT,139.0,T*24
\$GPGLL,3452.9268,N,07438.8750,W,081741,A*34
\$GPRMC,081741,A,3452.9268,N,07438.8750,W,4.6,125.7,060414,11.9,W*47
\$GPVTG,125.7,T,137.6,M,4.6,N,8.5,K*43
\$GPZDA,081741,06,04,2014,00,00*46
\$GPGBS,081741,003.5,001.9,005.9,13,0.05,-007.1,012.5*52
\$GPGGA,081742,3452.9258,N,07438.8739,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,138.6,T*23

PORT 4 04-06-2014 08:18:32
\$GPGLL,3452.9258,N,07438.8739,W,081742,A*3B
\$HEHDT,138.8,T*2D
\$GPRMC,081742,A,3452.9258,N,07438.8739,W,4.6,125.2,060414,11.9,W*4D
\$GPVTG,125.2,T,137.1,M,4.6,N,8.5,K*41
\$GPZDA,081742,06,04,2014,00,00*45
\$GPGBS,081742,,,,,,,,*49
\$GPGGA,081743,3452.9247,N,07438.8730,W,2,9,0.3,9,M,,M,,*65
\$HEHDT,138.3,T*26
PORT 12000 04-06-2014 08:18:32
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:18:34
\$GPGLL,3452.9247,N,07438.8730,W,081743,A*3D
\$GPRMC,081743,A,3452.9247,N,07438.8730,W,4.6,127.1,060414,11.9,W*4A
\$HEHDT,138.8,T*2D
\$GPVTG,127.1,T,139.0,M,4.6,N,8.5,K*4F
\$GPZDA,081743,06,04,2014,00,00*44
\$GPGBS,081743,,,,,,,,*48
\$GPGGA,081744,3452.9236,N,07438.8721,W,2,10,0.2,9,M,,M,,*5D
\$HEHDT,138.8,T*2D

PORT 4 04-06-2014 08:18:35
\$GPGLL,3452.9236,N,07438.8721,W,081744,A*3C
\$GPRMC,081744,A,3452.9236,N,07438.8721,W,4.6,130.8,060414,11.9,W*44
\$HEHDT,139.9,T*2D
\$GPVTG,130.8,T,142.7,M,4.6,N,8.5,K*4B
\$GPZDA,081744,06,04,2014,00,00*43
\$GPGBS,081744,,,,,,,,*4F
\$GPGGA,081745,3452.9226,N,07438.8710,W,2,10,0.3,10,M,,M,,*66
\$HEHDT,140.2,T*28

PORT 4 04-06-2014 08:18:36
\$GPGLL,3452.9226,N,07438.8710,W,081745,A*3E
\$GPRMC,081745,A,3452.9226,N,07438.8710,W,4.6,134.2,060414,11.9,W*48
\$GPVTG,134.2,T,146.1,M,4.6,N,8.5,K*47
\$HEHDT,140.9,T*23
\$GPZDA,081745,06,04,2014,00,00*42
\$GPGBS,081745,000.7,002.6,000.4,04,0.05,0009.9,012.5*4E
\$GPGGA,081746,3452.9220,N,07438.8695,W,2,9,0.3,10,M,,M,,*57

PORT 4 04-06-2014 08:18:37
\$HEHDT,140.6,T*2C
\$GPGLL,3452.9220,N,07438.8695,W,081746,A*37
\$GPRMC,081746,A,3452.9220,N,07438.8695,W,4.6,135.1,060414,11.9,W*43
\$GPVTG,135.1,T,147.0,M,4.6,N,8.5,K*45
\$HEHDT,140.6,T*2C
\$GPZDA,081746,06,04,2014,00,00*41
\$GPGBS,081746,,,,,,,,*4D
\$GPGGA,081747,3452.9214,N,07438.8680,W,2,9,0.3,10,M,,M,,*55

PORT 4 04-06-2014 08:18:38
\$HEHDT,140.5,T*2F

S01_C04_survey.Log

\$GPGLL,3452.9214,N,07438.8680,W,081747,A*35
\$GPRMC,081747,A,3452.9214,N,07438.8680,W,4.6,133.4,060414,11.9,W*42
\$GPVTG,133.4,T,145.3,M,4.6,N,8.5,K*47
\$GPZDA,081747,06,04,2014,00,00*40
\$GPGBS,081747,000.3,003.0,000.8,04,0.05,0013.8,012.5*49
\$GPGGA,081748,3452.9208,N,07438.8667,W,2,9,0.3,10,M,,M,,*5E
\$HEHDT,140.6,T*2C

PORT 4 04-06-2014 08:18:39
\$GPGLL,3452.9208,N,07438.8667,W,081748,A*3E
\$GPRMC,081748,A,3452.9208,N,07438.8667,W,4.6,129.8,060414,11.9,W*4E
\$HEHDT,140.3,T*29
\$GPVTG,129.8,T,141.7,M,4.6,N,8.5,K*40
\$GPZDA,081748,06,04,2014,00,00*4F
\$GPGBS,081748,,,,,,,,*43
\$GPGGA,081749,3452.9201,N,07438.8653,W,2,9,0.3,10,M,,M,,*51
\$HEHDT,140.4,T*2E

PORT 4 04-06-2014 08:18:40
\$GPGLL,3452.9201,N,07438.8653,W,081749,A*31
\$GPRMC,081749,A,3452.9201,N,07438.8653,W,4.7,127.3,060414,11.9,W*45
\$GPVTG,127.3,T,139.2,M,4.7,N,8.7,K*4C
\$HEHDT,140.1,T*2B
\$GPZDA,081749,06,04,2014,00,00*4E
\$GPGBS,081749,,,,,,,,*42
\$GPGGA,081750,3452.9191,N,07438.8642,W,2,9,0.3,10,M,,M,,*53
\$HEHDT,140.6,T*2C

PORT 4 04-06-2014 08:18:41
\$GPGLL,3452.9191,N,07438.8642,W,081750,A*33
\$GPRMC,081750,A,3452.9191,N,07438.8642,W,4.8,126.4,060414,11.9,W*4E
\$GPVTG,126.4,T,138.3,M,4.8,N,8.9,K*4B
\$GPZDA,081750,06,04,2014,00,00*46
\$HEHDT,140.3,T*29
\$GPGBS,081750,,,,,,,,*4A
\$GPGGA,081751,3452.9182,N,07438.8632,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,140.7,T*2D

PORT 4 04-06-2014 08:18:42
\$GPGLL,3452.9182,N,07438.8632,W,081751,A*37
\$GPRMC,081751,A,3452.9182,N,07438.8632,W,4.8,127.5,060414,11.9,W*4A
\$GPVTG,127.5,T,139.4,M,4.8,N,8.9,K*4D
\$GPZDA,081751,06,04,2014,00,00*47
\$GPGBS,081751,,,,,,,,*4B
\$GPGGA,081752,3452.9171,N,07438.8622,W,2,10,0.2,10,M,,M,,*60
\$HEHDT,140.6,T*2C

PORT 4 04-06-2014 08:18:43
\$GPGLL,3452.9171,N,07438.8622,W,081752,A*39
\$HEHDT,140.9,T*23
\$GPRMC,081752,A,3452.9171,N,07438.8622,W,4.7,129.6,060414,11.9,W*46
\$GPVTG,129.6,T,141.5,M,4.7,N,8.7,K*4F
\$GPZDA,081752,06,04,2014,00,00*44
\$GPGBS,081752,,,,,,,,*48
\$GPGGA,081753,3452.9162,N,07438.8610,W,2,10,0.3,10,M,,M,,*63
\$HEHDT,141.3,T*28
PORT 12000 04-06-2014 08:18:43
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:18:44
\$HEHDT,141.7,T*2C
\$GPGLL,3452.9162,N,07438.8610,W,081753,A*3B
\$GPRMC,081753,A,3452.9162,N,07438.8610,W,4.6,131.1,060414,11.9,W*4B

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\$GPVTG,131.1,T,143.0,M,4.6,N,8.5,K*45
\$GPZDA,081753,06,04,2014,00,00*45
\$GPGBS,081753,,,,,,,,*49
\$HEHDT,141.3,T*28
\$GPGGA,081754,3452.9153,N,07438.8599,W,2,8,0.3,10,M,,M,,*5D

PORT 4 04-06-2014 08:18:45
\$GPGLL,3452.9153,N,07438.8599,W,081754,A*3C
\$GPRMC,081754,A,3452.9153,N,07438.8599,W,4.6,132.0,060414,11.9,W*4E
\$HEHDT,141.7,T*2C
\$GPVTG,132.0,T,143.9,M,4.6,N,8.5,K*4E
\$GPZDA,081754,06,04,2014,00,00*42
\$GPGBS,081754,000.4,002.3,000.4,04,0.05,0009.7,012.5*46
\$GPGGA,081755,3452.9142,N,07438.8587,W,2,8,0.2,10,M,,M,,*52
\$HEHDT,141.3,T*28

PORT 5 04-06-2014 08:18:47
IN
PORT 4 04-06-2014 08:18:47
\$GPGLL,3452.9153,N,07438.8599,W,081754,A*3C
\$GPRMC,081754,A,3452.9153,N,07438.8599,W,4.6,132.0,060414,11.9,W*4E
\$HEHDT,141.7,T*2C
\$GPVTG,132.0,T,143.9,M,4.6,N,8.5,K*4E
\$GPZDA,081754,06,04,2014,00,00*42
\$GPGBS,081754,000.4,002.3,000.4,04,0.05,0009.7,012.5*46
\$GPGGA,081755,3452.9142,N,07438.8587,W,2,8,0.2,10,M,,M,,*52
\$HEHDT,141.3,T*28
\$GPGLL,3452.9142,N,07438.8587,W,081755,A*32
\$GPRMC,081755,A,3452.9142,N,07438.8587,W,4.6,133.1,060414,11.9,W*40
\$HEHDT,141.2,T*29
\$GPVTG,133.1,T,145.0,M,4.6,N,8.5,K*41
\$GPZDA,081755,06,04,2014,00,00*43
\$GPGBS,081755,,,,,,,,*4F
\$GPGGA,081756,3452.9135,N,07438.8573,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,141.7,T*2C
\$GPGLL,3452.9135,N,07438.8573,W,081756,A*3A
\$GPRMC,081756,A,3452.9135,N,07438.8573,W,4.6,133.1,060414,11.9,W*48
\$GPVTG,133.1,T,145.0,M,4.6,N,8.5,K*41
\$GPZDA,081756,06,04,2014,00,00*40
\$HEHDT,141.4,T*2F
\$GPGBS,081756,,,,,,,,*4C
\$GPGGA,081757,3452.9125,N,07438.8560,W,2,9,0.3,10,M,,M,,*58

PORT 4 04-06-2014 08:18:48
\$GPGLL,3452.9125,N,07438.8560,W,081757,A*38
\$HEHDT,141.8,T*23
\$GPRMC,081757,A,3452.9125,N,07438.8560,W,4.6,132.1,060414,11.9,W*4B
\$GPVTG,132.1,T,144.0,M,4.6,N,8.5,K*41
\$GPZDA,081757,06,04,2014,00,00*41
\$GPGBS,081757,,,,,,,,*4D
\$GPGGA,081758,3452.9117,N,07438.8549,W,2,9,0.3,10,M,,M,,*5D
\$HEHDT,141.4,T*2F

PORT 4 04-06-2014 08:18:49
\$GPGLL,3452.9117,N,07438.8549,W,081758,A*3D
\$GPRMC,081758,A,3452.9117,N,07438.8549,W,4.6,131.5,060414,11.9,W*49
\$HEHDT,141.8,T*23
\$GPVTG,131.5,T,143.4,M,4.6,N,8.5,K*45
\$GPZDA,081758,06,04,2014,00,00*4E
\$GPGBS,081758,,,,,,,,*42
\$GPGGA,081759,3452.9107,N,07438.8537,W,2,9,0.2,10,M,,M,,*55
\$HEHDT,141.7,T*2C
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PORT 5 04-06-2014 08:18:50

04041 ms

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PORT 4 04-06-2014 08:18:50

\$GPGLL,3452.9107,N,07438.8537,W,081759,A*34
 \$GPRMC,081759,A,3452.9107,N,07438.8537,W,4.6,131.9,060414,11.9,w*4C
 \$HEHDT,141.9,T*22
 \$GPVTG,131.9,T,143.8,M,4.6,N,8.5,K*45
 \$GPZDA,081759,06,04,2014,00,00*4F
 \$GPGBS,081759,,,,,,,,*43
 \$GPGGA,081800,3452.9099,N,07438.8524,W,2,9,0.3,10,M,,M,,*53
 \$HEHDT,142.0,T*28

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PORT 4 04-06-2014 08:18:51

\$GPGLL,3452.9099,N,07438.8524,W,081800,A*33
 \$GPRMC,081800,A,3452.9099,N,07438.8524,W,4.6,132.1,060414,11.9,w*40
 \$HEHDT,142.7,T*2F
 \$GPVTG,132.1,T,144.0,M,4.6,N,8.5,K*41
 \$GPZDA,081800,06,04,2014,00,00*4C
 \$GPGBS,081800,,,,,,,,*40
 \$GPGGA,081801,3452.9090,N,07438.8510,W,2,9,0.2,10,M,,M,,*5D
 \$HEHDT,142.5,T*2D

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PORT 4 04-06-2014 08:18:52

\$GPGLL,3452.9090,N,07438.8510,W,081801,A*3C
 \$GPRMC,081801,A,3452.9090,N,07438.8510,W,4.6,131.1,060414,11.9,w*4C
 \$GPVTG,131.1,T,143.0,M,4.6,N,8.5,K*45
 \$GPZDA,081801,06,04,2014,00,00*4D
 \$HEHDT,142.2,T*2A
 \$GPGBS,081801,,,,,,,,*41
 \$GPGGA,081802,3452.9081,N,07438.8498,W,2,9,0.3,10,M,,M,,*5E
 \$HEHDT,141.9,T*22
 \$GPGLL,3452.9081,N,07438.8498,W,081802,A*3E
 \$GPRMC,081802,A,3452.9081,N,07438.8498,W,4.7,130.4,060414,11.9,w*4B
 \$GPVTG,130.4,T,142.3,M,4.7,N,8.7,K*40
 \$GPZDA,081802,06,04,2014,00,00*4E
 \$GPGBS,081802,,,,,,,,*42
 \$GPGGA,081803,3452.9072,N,07438.8487,W,2,9,0.2,10,M,,M,,*5C
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PORT 12000 04-06-2014 08:18:52

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:18:54

\$HEHDT,141.3,T*28
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 \$GPRMC,081803,A,3452.9072,N,07438.8487,W,4.7,130.8,060414,11.9,w*44
 \$GPVTG,130.8,T,142.7,M,4.7,N,8.7,K*48
 \$GPZDA,081803,06,04,2014,00,00*4F
 \$GPGBS,081803,,,,,,,,*43
 \$GPGGA,081804,3452.9063,N,07438.8476,W,2,10,0.2,10,M,,M,,*6D
 \$HEHDT,141.6,T*2D

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PORT 4 04-06-2014 08:18:55

\$HEHDT,142.0,T*28
 \$GPGLL,3452.9063,N,07438.8476,W,081804,A*34
 \$GPRMC,081804,A,3452.9063,N,07438.8476,W,4.7,131.5,060414,11.9,w*41
 \$GPVTG,131.5,T,143.4,M,4.7,N,8.7,K*46
 \$GPZDA,081804,06,04,2014,00,00*48
 \$GPGBS,081804,,,,,,,,*44
 \$GPGGA,081805,3452.9052,N,07438.8468,W,2,10,0.3,10,M,,M,,*60
 \$HEHDT,143.0,T*29

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PORT 4 04-06-2014 08:18:56

S01_C04_survey.Log

\$GPGLL,3452.9052,N,07438.8468,W,081805,A*38
\$GPRMC,081805,A,3452.9052,N,07438.8468,W,4.7,132.7,060414,11.9,w*4C
\$HEHDT,142.8,T*20
\$GPVTG,132.7,T,144.6,M,4.7,N,8.7,K*42
\$GPZDA,081805,06,04,2014,00,00*49
\$GPGBS,081805,000.5,003.3,000.2,04,0.05,0016.2,012.5*40
\$GPGGA,081806,3452.9042,N,07438.8458,W,2,10,0.2,11,M,,M,,*61
\$HEHDT,143.4,T*2D

PORT 4 04-06-2014 08:18:57
\$GPGLL,3452.9042,N,07438.8458,W,081806,A*39
\$GPRMC,081806,A,3452.9042,N,07438.8458,W,4.6,133.8,060414,11.9,w*42
\$HEHDT,142.9,T*21
\$GPVTG,133.8,T,145.7,M,4.6,N,8.5,K*4F
\$GPZDA,081806,06,04,2014,00,00*4A
\$GPGBS,081806,000.3,002.5,000.2,04,0.05,0011.2,012.5*45
\$GPGGA,081807,3452.9032,N,07438.8447,W,2,10,0.2,11,M,,M,,*69
\$HEHDT,142.2,T*2A

PORT 4 04-06-2014 08:18:58
\$GPGLL,3452.9032,N,07438.8447,W,081807,A*31
\$GPRMC,081807,A,3452.9032,N,07438.8447,W,4.6,134.7,060414,11.9,w*42
\$GPVTG,134.7,T,146.6,M,4.6,N,8.5,K*45
\$HEHDT,142.3,T*2B
\$GPZDA,081807,06,04,2014,00,00*4B
\$GPGBS,081807,000.4,002.3,000.1,04,0.05,0010.7,012.5*42
\$GPGGA,081808,3452.9024,N,07438.8435,W,2,10,0.2,11,M,,M,,*64

PORT 4 04-06-2014 08:18:59
\$HEHDT,141.6,T*2D
\$GPGLL,3452.9024,N,07438.8435,W,081808,A*3C
\$GPRMC,081808,A,3452.9024,N,07438.8435,W,4.6,135.0,060414,11.9,w*49
\$GPVTG,135.0,T,146.9,M,4.6,N,8.5,K*4C
\$GPZDA,081808,06,04,2014,00,00*44
\$GPGBS,081808,000.3,002.2,000.3,04,0.05,0009.2,012.5*44
\$HEHDT,142.1,T*29
\$GPGGA,081809,3452.9016,N,07438.8422,W,2,10,0.2,11,M,,M,,*62

PORT 4 04-06-2014 08:19:00
\$GPGLL,3452.9016,N,07438.8422,W,081809,A*3A
\$HEHDT,141.9,T*22
\$GPRMC,081809,A,3452.9016,N,07438.8422,W,4.6,134.1,060414,11.9,w*4F
\$GPVTG,134.1,T,146.0,M,4.6,N,8.5,K*45
\$GPZDA,081809,06,04,2014,00,00*45
\$GPGBS,081809,,,,,,*49
\$GPGGA,081810,3452.9007,N,07438.8410,W,2,10,0.2,11,M,,M,,*6B
\$HEHDT,141.9,T*22

PORT 4 04-06-2014 08:19:01
\$GPGLL,3452.9007,N,07438.8410,W,081810,A*33
\$GPRMC,081810,A,3452.9007,N,07438.8410,W,4.6,132.9,060414,11.9,w*48
\$HEHDT,142.0,T*28
\$GPVTG,132.9,T,144.8,M,4.6,N,8.5,K*41
\$GPZDA,081810,06,04,2014,00,00*4D
\$GPGBS,081810,,,,,,*41
\$GPGGA,081811,3452.8997,N,07438.8398,W,2,10,0.2,11,M,,M,,*6C
\$HEHDT,142.5,T*2D

PORT 4 04-06-2014 08:19:02
\$GPGLL,3452.8997,N,07438.8398,W,081811,A*34
\$GPRMC,081811,A,3452.8997,N,07438.8398,W,4.6,132.4,060414,11.9,w*42
\$GPVTG,132.4,T,144.3,M,4.6,N,8.5,K*47
\$HEHDT,142.5,T*2D

S01_C04_survey.Log

\$GPZDA,081811,06,04,2014,00,00*4C
\$GPGBS,081811,,,,,,,,*40
\$GPGGA,081812,3452.8988,N,07438.8387,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,143.0,T*29
\$GPGLL,3452.8988,N,07438.8387,W,081812,A*37
\$GPRMC,081812,A,3452.8988,N,07438.8387,W,4.6,132.9,060414,11.9,W*4C
\$GPVTG,132.9,T,144.8,M,4.6,N,8.5,K*41
\$GPZDA,081812,06,04,2014,00,00*4F
\$HEHDT,142.7,T*2F
\$GPGBS,081812,,,,,,,,*43
\$GPGGA,081813,3452.8981,N,07438.8374,W,2,10,0.2,11,M,,M,,*6B
PORT 12000 04-06-2014 08:19:02
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:19:03
\$HEHDT,143.1,T*28
\$GPGLL,3452.8981,N,07438.8374,W,081813,A*33
\$GPRMC,081813,A,3452.8981,N,07438.8374,W,4.6,133.0,060414,11.9,W*40
\$GPVTG,133.0,T,144.9,M,4.6,N,8.5,K*48
\$GPZDA,081813,06,04,2014,00,00*4E
\$GPGBS,081813,,,,,,,,*42
\$GPGGA,081814,3452.8972,N,07438.8361,W,2,10,0.2,11,M,,M,,*64
\$HEHDT,142.3,T*2B

PORT 4 04-06-2014 08:19:05
\$HEHDT,142.1,T*29
\$GPGLL,3452.8972,N,07438.8361,W,081814,A*3C
\$GPRMC,081814,A,3452.8972,N,07438.8361,W,4.6,131.9,060414,11.9,W*44
\$GPVTG,131.9,T,143.8,M,4.6,N,8.5,K*45
\$GPZDA,081814,06,04,2014,00,00*49
\$GPGBS,081814,,,,,,,,*45
\$HEHDT,141.8,T*23
\$GPGGA,081815,3452.8961,N,07438.8351,W,2,10,0.2,11,M,,M,,*64

PORT 4 04-06-2014 08:19:06
\$GPGLL,3452.8961,N,07438.8351,W,081815,A*3C
\$GPRMC,081815,A,3452.8961,N,07438.8351,W,4.6,131.3,060414,11.9,W*4E
\$HEHDT,141.3,T*28
\$GPVTG,131.3,T,143.2,M,4.6,N,8.5,K*45
\$GPZDA,081815,06,04,2014,00,00*48
\$GPGBS,081815,000.5,001.9,000.4,04,0.05,0009.0,012.5*43
\$GPGGA,081816,3452.8951,N,07438.8344,W,2,10,0.2,11,M,,M,,*60
\$HEHDT,141.3,T*28

PORT 4 04-06-2014 08:19:07
\$GPGLL,3452.8951,N,07438.8344,W,081816,A*38
\$GPRMC,081816,A,3452.8951,N,07438.8344,W,4.7,132.9,060414,11.9,W*42
\$HEHDT,141.2,T*29
\$GPVTG,132.9,T,144.8,M,4.7,N,8.7,K*42
\$GPZDA,081816,06,04,2014,00,00*4B
\$GPGBS,081816,,,,,,,,*47
\$GPGGA,081817,3452.8940,N,07438.8335,W,2,10,0.2,11,M,,M,,*67
\$HEHDT,141.7,T*2C

PORT 4 04-06-2014 08:19:08
\$GPGLL,3452.8940,N,07438.8335,W,081817,A*3F
\$GPRMC,081817,A,3452.8940,N,07438.8335,W,4.6,135.6,060414,11.9,W*4C
\$GPVTG,135.6,T,147.5,M,4.6,N,8.5,K*47
\$GPZDA,081817,06,04,2014,00,00*4A
\$HEHDT,141.7,T*2C
\$GPGBS,081817,000.3,001.7,000.8,04,0.05,0008.9,012.5*4D
\$GPGGA,081818,3452.8930,N,07438.8324,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,142.1,T*29

S01_C04_survey.Log

\$GPGLL,3452.8930,N,07438.8324,W,081818,A*37
\$GPRMC,081818,A,3452.8930,N,07438.8324,W,4.6,137.4,060414,11.9,w*44
\$GPVTG,137.4,T,149.3,M,4.6,N,8.5,K*4F
\$GPZDA,081818,06,04,2014,00,00*45
\$GPGBS,081818,,,,,,,,*49
\$GPGGA,081819,3452.8922,N,07438.8310,W,2,10,0.2,11,M,,M,,*6A
\$HEHDT,142.3,T*2B

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PORT 4 04-06-2014 08:19:09

\$GPGLL,3452.8922,N,07438.8310,W,081819,A*32
\$HEHDT,142.4,T*2C
\$GPRMC,081819,A,3452.8922,N,07438.8310,W,4.6,137.3,060414,11.9,w*46
\$GPVTG,137.3,T,149.2,M,4.6,N,8.5,K*49
\$GPZDA,081819,06,04,2014,00,00*44
\$GPGBS,081819,,,,,,,,*48
\$GPGGA,081820,3452.8915,N,07438.8296,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,142.7,T*2F

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PORT 4 04-06-2014 08:19:10

\$GPGLL,3452.8915,N,07438.8296,W,081820,A*33
\$GPRMC,081820,A,3452.8915,N,07438.8296,W,4.6,135.4,060414,11.9,w*42
\$HEHDT,142.5,T*2D
\$GPVTG,135.4,T,147.3,M,4.6,N,8.5,K*43
\$GPZDA,081820,06,04,2014,00,00*4E
\$GPGBS,081820,,,,,,,,*42
\$GPGGA,081821,3452.8907,N,07438.8282,W,2,9,0.2,11,M,,M,,*54
\$HEHDT,142.2,T*2A

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PORT 4 04-06-2014 08:19:11

\$GPGLL,3452.8907,N,07438.8282,W,081821,A*34
\$GPRMC,081821,A,3452.8907,N,07438.8282,W,4.7,133.3,060414,11.9,w*45
\$HEHDT,142.5,T*2D
\$GPVTG,133.3,T,145.2,M,4.7,N,8.7,K*42
\$GPZDA,081821,06,04,2014,00,00*4F
\$GPGBS,081821,,,,,,,,*43
\$GPGGA,081822,3452.8900,N,07438.8269,W,2,10,0.2,11,M,,M,,*6D

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PORT 4 04-06-2014 08:19:12

\$HEHDT,142.2,T*2A
\$GPGLL,3452.8900,N,07438.8269,W,081822,A*35
\$GPRMC,081822,A,3452.8900,N,07438.8269,W,4.7,132.0,060414,11.9,w*46
\$GPVTG,132.0,T,143.9,M,4.7,N,8.7,K*4D
\$GPZDA,081822,06,04,2014,00,00*4C
\$HEHDT,142.4,T*2C
\$GPGBS,081822,,,,,,,,*40
\$GPGGA,081823,3452.8890,N,07438.8258,W,2,10,0.2,11,M,,M,,*66

PORT 12000 04-06-2014 08:19:12

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:19:13

\$HEHDT,142.0,T*28
\$GPGLL,3452.8890,N,07438.8258,W,081823,A*3E
\$GPRMC,081823,A,3452.8890,N,07438.8258,W,4.7,131.3,060414,11.9,w*4D
\$GPVTG,131.3,T,143.2,M,4.7,N,8.7,K*46
\$GPZDA,081823,06,04,2014,00,00*4D
\$GPGBS,081823,,,,,,,,*41
\$HEHDT,142.5,T*2D
\$GPGGA,081824,3452.8882,N,07438.8246,W,2,10,0.2,11,M,,M,,*6D

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PORT 4 04-06-2014 08:19:14

\$HEHDT,142.5,T*2D
\$GPGLL,3452.8882,N,07438.8246,W,081824,A*35
\$GPRMC,081824,A,3452.8882,N,07438.8246,W,4.6,131.2,060414,11.9,w*46

S01_C04_survey.Log

\$GPVTG,131.2,T,143.1,M,4.6,N,8.5,K*47
\$GPZDA,081824,06,04,2014,00,00*4A
\$GPGBS,081824,,,,,,,,*46
\$GPGGA,081825,3452.8873,N,07438.8235,W,2,10,0.2,11,M,,M,,*66
\$HEHDT,142.8,T*20

PORT 4 04-06-2014 08:19:16
\$GPGLL,3452.8873,N,07438.8235,W,081825,A*3E
\$GPRMC,081825,A,3452.8873,N,07438.8235,W,4.6,131.3,060414,11.9,W*4C
\$HEHDT,142.4,T*2C
\$GPVTG,131.3,T,143.2,M,4.6,N,8.5,K*45
\$GPZDA,081825,06,04,2014,00,00*4B
\$GPGBS,081825,,,,,,,,*47
\$GPGGA,081826,3452.8862,N,07438.8225,W,2,10,0.2,11,M,,M,,*64
\$HEHDT,142.8,T*20

PORT 4 04-06-2014 08:19:17
\$GPGLL,3452.8862,N,07438.8225,W,081826,A*3C
\$GPRMC,081826,A,3452.8862,N,07438.8225,W,4.6,131.6,060414,11.9,W*4B
\$HEHDT,142.3,T*2B
\$GPVTG,131.6,T,143.5,M,4.6,N,8.5,K*47
\$GPZDA,081826,06,04,2014,00,00*48
\$GPGBS,081826,,,,,,,,*44
\$GPGGA,081827,3452.8850,N,07438.8216,W,2,10,0.2,11,M,,M,,*64
\$HEHDT,142.5,T*2D

PORT 4 04-06-2014 08:19:18
\$GPGLL,3452.8850,N,07438.8216,W,081827,A*3C
\$GPRMC,081827,A,3452.8850,N,07438.8216,W,4.6,133.0,060414,11.9,W*4F
\$GPVTG,133.0,T,144.9,M,4.6,N,8.5,K*48
\$HEHDT,142.9,T*21
\$GPZDA,081827,06,04,2014,00,00*49
\$GPGBS,081827,,,,,,,,*45
\$GPGGA,081828,3452.8839,N,07438.8210,W,2,10,0.2,11,M,,M,,*62

PORT 4 04-06-2014 08:19:19
\$HEHDT,143.4,T*2D
\$GPGLL,3452.8839,N,07438.8210,W,081828,A*3A
\$GPRMC,081828,A,3452.8839,N,07438.8210,W,4.6,135.6,060414,11.9,W*49
\$GPVTG,135.6,T,147.5,M,4.6,N,8.5,K*47
\$GPZDA,081828,06,04,2014,00,00*46
\$GPGBS,081828,,,,,,,,*4A
\$HEHDT,143.3,T*2A
\$GPGGA,081829,3452.8830,N,07438.8201,W,2,10,0.2,11,M,,M,,*6A

PORT 4 04-06-2014 08:19:20
\$HEHDT,143.5,T*2C
\$GPGLL,3452.8830,N,07438.8201,W,081829,A*32
\$GPRMC,081829,A,3452.8830,N,07438.8201,W,4.6,138.3,060414,11.9,W*49
\$GPVTG,138.3,T,150.2,M,4.6,N,8.5,K*4E
\$GPZDA,081829,06,04,2014,00,00*47
\$GPGBS,081829,,,,,,,,*4B
\$GPGGA,081830,3452.8821,N,07438.8188,W,2,10,0.2,11,M,,M,,*60
\$HEHDT,143.4,T*2D

PORT 4 04-06-2014 08:19:21
\$GPGLL,3452.8821,N,07438.8188,W,081830,A*38
\$HEHDT,143.5,T*2C
\$GPRMC,081830,A,3452.8821,N,07438.8188,W,4.5,139.1,060414,11.9,W*43
\$GPVTG,139.1,T,151.0,M,4.5,N,8.3,K*4B
\$GPZDA,081830,06,04,2014,00,00*4F
\$GPGBS,081830,,,,,,,,*43
\$GPGGA,081831,3452.8814,N,07438.8172,W,2,10,0.2,11,M,,M,,*62

S01_C04_survey.Log

\$HEHDT,143.7,T*2E

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PORT 4 04-06-2014 08:19:22

\$GPGLL,3452.8814,N,07438.8172,W,081831,A*3A

\$GPRMC,081831,A,3452.8814,N,07438.8172,W,4.6,137.0,060414,11.9,W*4D

\$HEHDT,143.9,T*20

\$GPVTG,137.0,T,148.9,M,4.6,N,8.5,K*40

\$GPZDA,081831,06,04,2014,00,00*4E

\$GPGBS,081831,,,,,,,,*42

\$GPGGA,081832,3452.8807,N,07438.8157,W,2,10,0.2,11,M,,M,,*64

\$HEHDT,143.9,T*20

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PORT 4 04-06-2014 08:19:23

\$GPGLL,3452.8807,N,07438.8157,W,081832,A*3C

\$GPRMC,081832,A,3452.8807,N,07438.8157,W,4.7,133.8,060414,11.9,W*46

\$GPVTG,133.8,T,145.7,M,4.7,N,8.7,K*4C

\$HEHDT,143.8,T*21

\$GPZDA,081832,06,04,2014,00,00*4D

\$GPGBS,081832,,,,,,,,*41

\$GPGGA,081833,3452.8800,N,07438.8144,W,2,10,0.2,11,M,,M,,*60

\$HEHDT,143.9,T*20

PORT 12000 04-06-2014 08:19:23

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:19:24

\$GPGLL,3452.8800,N,07438.8144,W,081833,A*38

\$GPRMC,081833,A,3452.8800,N,07438.8144,W,4.7,131.5,060414,11.9,W*4D

\$GPVTG,131.5,T,143.4,M,4.7,N,8.7,K*46

\$GPZDA,081833,06,04,2014,00,00*4C

\$HEHDT,143.3,T*2A

\$GPGBS,081833,,,,,,,,*40

\$GPGGA,081834,3452.8792,N,07438.8132,W,2,10,0.2,11,M,,M,,*62

\$HEHDT,143.3,T*2A

\$GPGLL,3452.8792,N,07438.8132,W,081834,A*3A

\$GPRMC,081834,A,3452.8792,N,07438.8132,W,4.7,130.1,060414,11.9,W*4A

\$GPVTG,130.1,T,142.0,M,4.7,N,8.7,K*46

\$GPZDA,081834,06,04,2014,00,00*4B

\$GPGBS,081834,,,,,,,,*47

\$GPGGA,081835,3452.8781,N,07438.8121,W,2,10,0.2,11,M,,M,,*63

\$HEHDT,143.0,T*29

#

PORT 4 04-06-2014 08:19:25

\$GPGLL,3452.8781,N,07438.8121,W,081835,A*3B

\$HEHDT,142.9,T*21

\$GPRMC,081835,A,3452.8781,N,07438.8121,W,4.7,130.1,060414,11.9,W*4B

\$GPVTG,130.1,T,142.0,M,4.7,N,8.7,K*46

\$GPZDA,081835,06,04,2014,00,00*4A

\$GPGBS,081835,,,,,,,,*46

\$GPGGA,081836,3452.8770,N,07438.8111,W,2,10,0.2,11,M,,M,,*6D

\$HEHDT,143.0,T*29

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PORT 4 04-06-2014 08:19:27

\$GPGLL,3452.8770,N,07438.8111,W,081836,A*35

\$GPRMC,081836,A,3452.8770,N,07438.8111,W,4.7,131.7,060414,11.9,W*42

\$HEHDT,143.2,T*2B

\$GPVTG,131.7,T,143.6,M,4.7,N,8.7,K*46

\$GPZDA,081836,06,04,2014,00,00*49

\$GPGBS,081836,,,,,,,,*45

\$GPGGA,081837,3452.8759,N,07438.8104,W,2,10,0.2,11,M,,M,,*63

\$HEHDT,143.6,T*2F

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PORT 4 04-06-2014 08:19:28

\$GPGLL,3452.8759,N,07438.8104,W,081837,A*3B

S01_C04_survey.Log

\$GPRMC,081837,A,3452.8759,N,07438.8104,W,4.8,134.0,060414,11.9,w*41
\$HEHDT,143.8,T*21
\$GPVTG,134.0,T,145.9,M,4.8,N,8.9,K*4C
\$GPZDA,081837,06,04,2014,00,00*48
\$GPGBS,081837,,,,,,,,*44
\$GPGGA,081838,3452.8747,N,07438.8097,W,2,10,0.2,11,M,,M,,*68
\$HEHDT,143.9,T*20

PORT 4 04-06-2014 08:19:29
\$GPGLL,3452.8747,N,07438.8097,W,081838,A*30
\$GPRMC,081838,A,3452.8747,N,07438.8097,W,4.7,136.7,060414,11.9,w*40
\$GPVTG,136.7,T,148.6,M,4.7,N,8.7,K*4A
\$GPZDA,081838,06,04,2014,00,00*47
\$HEHDT,144.2,T*2C
\$GPGBS,081838,,,,,,,,*4B
\$GPGGA,081839,3452.8737,N,07438.8087,W,2,10,0.2,11,M,,M,,*6F

PORT 4 04-06-2014 08:19:30
\$HEHDT,143.8,T*21
\$GPGLL,3452.8737,N,07438.8087,W,081839,A*37
\$GPRMC,081839,A,3452.8737,N,07438.8087,W,4.6,139.2,060414,11.9,w*4C
\$GPVTG,139.2,T,151.1,M,4.6,N,8.5,K*4C
\$GPZDA,081839,06,04,2014,00,00*46
\$GPGBS,081839,,,,,,,,*4A
\$GPGGA,081840,3452.8730,N,07438.8074,W,2,10,0.2,11,M,,M,,*6A
\$HEHDT,144.4,T*2A

PORT 4 04-06-2014 08:19:31
\$HEHDT,143.8,T*21
\$GPGLL,3452.8730,N,07438.8074,W,081840,A*32
\$GPRMC,081840,A,3452.8730,N,07438.8074,W,4.6,139.8,060414,11.9,w*43
\$GPVTG,139.8,T,151.7,M,4.6,N,8.5,K*40
\$GPZDA,081840,06,04,2014,00,00*48
\$GPGBS,081840,,,,,,,,*44
\$GPGGA,081841,3452.8723,N,07438.8059,W,2,10,0.2,11,M,,M,,*66
\$HEHDT,143.8,T*21

PORT 4 04-06-2014 08:19:32
\$GPGLL,3452.8723,N,07438.8059,W,081841,A*3E
\$HEHDT,143.7,T*2E
\$GPRMC,081841,A,3452.8723,N,07438.8059,W,4.6,137.7,060414,11.9,w*4E
\$GPVTG,137.7,T,149.6,M,4.6,N,8.5,K*49
\$GPZDA,081841,06,04,2014,00,00*49
\$GPGBS,081841,,,,,,,,*45
\$GPGGA,081842,3452.8714,N,07438.8045,W,2,10,0.2,11,M,,M,,*6C
\$HEHDT,143.6,T*2F

PORT 4 04-06-2014 08:19:33
\$GPGLL,3452.8714,N,07438.8045,W,081842,A*34
\$GPRMC,081842,A,3452.8714,N,07438.8045,W,4.6,134.4,060414,11.9,w*44
\$HEHDT,143.6,T*2F
\$GPVTG,134.4,T,146.3,M,4.6,N,8.5,K*43
\$GPZDA,081842,06,04,2014,00,00*4A
\$GPGBS,081842,,,,,,,,*46
\$GPGGA,081843,3452.8705,N,07438.8033,W,2,10,0.2,11,M,,M,,*6C
\$HEHDT,143.5,T*2C
PORT 12000 04-06-2014 08:19:33
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:19:34
\$GPGLL,3452.8705,N,07438.8033,W,081843,A*34
\$GPRMC,081843,A,3452.8705,N,07438.8033,W,4.8,132.9,060414,11.9,w*41
\$HEHDT,143.6,T*2F

S01_C04_survey.Log

\$GPVTG,132.9,T,144.8,M,4.8,N,8.9,K*43
\$GPZDA,081843,06,04,2014,00,00*4B
\$GPGBS,081843,,,,,,,,*47
\$GPGGA,081844,3452.8698,N,07438.8022,W,2,10,0.2,11,M,,M,,*6E
\$HEHDT,143.6,T*2F

PORT 4 04-06-2014 08:19:35
\$GPGLL,3452.8698,N,07438.8022,W,081844,A*36
\$GPRMC,081844,A,3452.8698,N,07438.8022,W,4.7,132.6,060414,11.9,W*43
\$GPVTG,132.6,T,144.5,M,4.7,N,8.7,K*40
\$GPZDA,081844,06,04,2014,00,00*4C
\$HEHDT,143.6,T*2F
\$GPGBS,081844,,,,,,,,*40
\$GPGGA,081845,3452.8688,N,07438.8010,W,2,10,0.2,11,M,,M,,*6F

PORT 5 04-06-2014 08:19:37
IN
PORT 4 04-06-2014 08:19:37
\$GPGLL,3452.8698,N,07438.8022,W,081844,A*36
\$GPRMC,081844,A,3452.8698,N,07438.8022,W,4.7,132.6,060414,11.9,W*43
\$GPVTG,132.6,T,144.5,M,4.7,N,8.7,K*40
\$GPZDA,081844,06,04,2014,00,00*4C
\$HEHDT,143.6,T*2F
\$GPGBS,081844,,,,,,,,*40
\$GPGGA,081845,3452.8688,N,07438.8010,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,143.7,T*2E
\$GPGLL,3452.8688,N,07438.8010,W,081845,A*37
\$GPRMC,081845,A,3452.8688,N,07438.8010,W,4.6,132.6,060414,11.9,W*43
\$GPVTG,132.6,T,144.5,M,4.6,N,8.5,K*43
\$GPZDA,081845,06,04,2014,00,00*4D
\$GPGBS,081845,,,,,,,,*41
\$HEHDT,143.7,T*2E
\$GPGGA,081846,3452.8678,N,07438.7999,W,2,10,0.2,11,M,,M,,*64
\$HEHDT,143.7,T*2E
\$GPGLL,3452.8678,N,07438.7999,W,081846,A*3C
\$GPRMC,081846,A,3452.8678,N,07438.7999,W,4.6,132.8,060414,11.9,W*46
\$GPVTG,132.8,T,144.7,M,4.6,N,8.5,K*4F
\$GPZDA,081846,06,04,2014,00,00*4E
\$GPGBS,081846,,,,,,,,*42
\$GPGGA,081847,3452.8667,N,07438.7989,W,2,10,0.2,11,M,,M,,*6A
\$HEHDT,143.8,T*21

PORT 4 04-06-2014 08:19:38
\$GPGLL,3452.8667,N,07438.7989,W,081847,A*32
\$HEHDT,143.5,T*2C
\$GPRMC,081847,A,3452.8667,N,07438.7989,W,4.7,133.5,060414,11.9,W*45
\$GPVTG,133.5,T,145.4,M,4.7,N,8.7,K*42
\$GPZDA,081847,06,04,2014,00,00*4F
\$GPGBS,081847,,,,,,,,*43
\$GPGGA,081848,3452.8658,N,07438.7980,W,2,10,0.2,11,M,,M,,*60
\$HEHDT,143.4,T*2D

PORT 4 04-06-2014 08:19:39
\$GPGLL,3452.8658,N,07438.7980,W,081848,A*38
\$GPRMC,081848,A,3452.8658,N,07438.7980,W,4.7,134.8,060414,11.9,W*45
\$HEHDT,143.4,T*2D
\$GPVTG,134.8,T,146.7,M,4.7,N,8.7,K*48
\$GPZDA,081848,06,04,2014,00,00*40
\$GPGBS,081848,,,,,,,,*4C
\$GPGGA,081849,3452.8648,N,07438.7971,W,2,10,0.3,11,M,,M,,*6F
\$HEHDT,143.3,T*2A

PORT 5 04-06-2014 08:19:40

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PORT 4 04-06-2014 08:19:40

\$GPGLL,3452.8648,N,07438.7971,W,081849,A*36

\$GPRMC,081849,A,3452.8648,N,07438.7971,W,4.7,136.2,060414,11.9,W*43

\$GPVTG,136.2,T,148.1,M,4.7,N,8.7,K*48

\$HEHDT,143.4,T*2D

\$GPZDA,081849,06,04,2014,00,00*41

\$GPGBS,081849,,,,,,,,*4D

\$GPGGA,081850,3452.8640,N,07438.7961,W,2,10,0.2,11,M,,M,,*6F

\$HEHDT,143.4,T*2D

\$GPGLL,3452.8640,N,07438.796

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PORT 4 04-06-2014 08:19:42

\$GPGLL,3452.8648,N,07438.7971,W,081849,A*36

\$GPRMC,081849,A,3452.8648,N,07438.7971,W,4.7,136.2,060414,11.9,W*43

\$GPVTG,136.2,T,148.1,M,4.7,N,8.7,K*48

\$HEHDT,143.4,T*2D

\$GPZDA,081849,06,04,2014,00,00*41

\$GPGBS,081849,,,,,,,,*4D

\$GPGGA,081850,3452.8640,N,07438.7961,W,2,10,0.2,11,M,,M,,*6F

\$HEHDT,143.4,T*2D

\$GPGLL,3452.8640,N,07438.7961,W,081850,A*37

\$GPRMC,081850,A,3452.8640,N,07438.7961,W,4.6,137.2,060414,11.9,W*42

\$GPVTG,137.2,T,149.1,M,4.6,N,8.5,K*4B

\$GPZDA,081850,06,04,2014,00,00*49

\$GPGBS,081850,,,,,,,,*45

\$HEHDT,143.5,T*2C

\$GPGGA,081851,3452.8629,N,07438.7949,W,2,10,0.3,10,M,,M,,*6B

\$HEHDT,143.2,T*2B

\$GPGLL,3452.8629,N,07438.7949,W,081851,A*33

\$GPRMC,081851,A,3452.8629,N,07438.7949,W,4.5,137.5,060414,11.9,W*42

\$GPVTG,137.5,T,149.4,M,4.5,N,8.3,K*4C

\$GPZDA,081851,06,04,2014,00,00*48

\$GPGBS,081851,,,,,,,,*44

\$GPGGA,081852,3452.8619,N,07438.7935,W,2,9,0.3,10,M,,M,,*58

\$HEHDT,143.3,T*2A

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PORT 4 04-06-2014 08:19:43

\$GPGLL,3452.8619,N,07438.7935,W,081852,A*38

\$HEHDT,143.2,T*2B

\$GPRMC,081852,A,3452.8619,N,07438.7935,W,4.6,137.1,060414,11.9,W*4E

\$GPVTG,137.1,T,149.0,M,4.6,N,8.5,K*49

\$GPZDA,081852,06,04,2014,00,00*4B

\$GPGBS,081852,,,,,,,,*47

\$GPGGA,081853,3452.8611,N,07438.7922,W,2,9,0.2,10,M,,M,,*56

\$HEHDT,143.3,T*2A

PORT 12000 04-06-2014 08:19:43

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:19:44

\$GPGLL,3452.8611,N,07438.7922,W,081853,A*37

\$GPRMC,081853,A,3452.8611,N,07438.7922,W,4.7,135.3,060414,11.9,W*40

\$HEHDT,143.7,T*2E

\$GPVTG,135.3,T,147.2,M,4.7,N,8.7,K*46

\$GPZDA,081853,06,04,2014,00,00*4A

\$GPGBS,081853,,,,,,,,*46

\$GPGGA,081854,3452.8604,N,07438.7911,W,2,9,0.3,10,M,,M,,*54

\$HEHDT,144.1,T*2F

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PORT 4 04-06-2014 08:19:45

\$GPGLL,3452.8604,N,07438.7911,W,081854,A*34

\$GPRMC,081854,A,3452.8604,N,07438.7911,W,4.8,133.9,060414,11.9,W*40

S01_C04_survey.Log

\$GPVTG,133.9,T,145.8,M,4.8,N,8.9,K*43
\$HEHDT,144.1,T*2F
\$GPZDA,081854,06,04,2014,00,00*4D
\$GPGBS,081854,,,,,,,,*41
\$GPGGA,081855,3452.8594,N,07438.7899,W,2,9,0.3,10,M,,M,,*5E

PORT 4 04-06-2014 08:19:46
\$HEHDT,144.3,T*2D
\$GPGLL,3452.8594,N,07438.7899,W,081855,A*3E
\$GPRMC,081855,A,3452.8594,N,07438.7899,W,4.6,133.2,060414,11.9,W*4F
\$GPVTG,133.2,T,145.1,M,4.6,N,8.5,K*43
\$GPZDA,081855,06,04,2014,00,00*4C
\$HEHDT,144.0,T*2E
\$GPGBS,081855,,,,,,,,*40
\$GPGGA,081856,3452.8586,N,07438.7886,W,2,10,0.2,10,M,,M,,*69

PORT 4 04-06-2014 08:19:47
\$HEHDT,144.4,T*2A
\$GPGLL,3452.8586,N,07438.7886,W,081856,A*30
\$GPRMC,081856,A,3452.8586,N,07438.7886,W,4.6,132.8,060414,11.9,W*4A
\$GPVTG,132.8,T,144.7,M,4.6,N,8.5,K*4F
\$GPZDA,081856,06,04,2014,00,00*4F
\$GPGBS,081856,,,,,,,,*43
\$GPGGA,081857,3452.8575,N,07438.7877,W,2,10,0.3,10,M,,M,,*6B
\$HEHDT,144.0,T*2E

PORT 4 04-06-2014 08:19:48
\$GPGLL,3452.8575,N,07438.7877,W,081857,A*33
\$HEHDT,144.0,T*2E
\$GPRMC,081857,A,3452.8575,N,07438.7877,W,4.7,132.8,060414,11.9,W*48
\$GPVTG,132.8,T,144.7,M,4.7,N,8.7,K*4C
\$GPZDA,081857,06,04,2014,00,00*4E
\$GPGBS,081857,,,,,,,,*42
\$GPGGA,081858,3452.8564,N,07438.7870,W,2,10,0.2,10,M,,M,,*62
\$HEHDT,143.6,T*2F

PORT 4 04-06-2014 08:19:49
\$GPGLL,3452.8564,N,07438.7870,W,081858,A*3B
\$GPRMC,081858,A,3452.8564,N,07438.7870,W,4.6,134.5,060414,11.9,W*4A
\$HEHDT,143.8,T*21
\$GPVTG,134.5,T,146.4,M,4.6,N,8.5,K*45
\$GPZDA,081858,06,04,2014,00,00*41
\$GPGBS,081858,,,,,,,,*4D
\$GPGGA,081859,3452.8554,N,07438.7861,W,2,10,0.2,10,M,,M,,*60
\$HEHDT,143.6,T*2F

PORT 4 04-06-2014 08:19:50
\$GPGLL,3452.8554,N,07438.7861,W,081859,A*39
\$GPRMC,081859,A,3452.8554,N,07438.7861,W,4.5,136.8,060414,11.9,W*44
\$GPVTG,136.8,T,148.7,M,4.5,N,8.3,K*42
\$HEHDT,143.9,T*20
\$GPZDA,081859,06,04,2014,00,00*40
\$GPGBS,081859,,,,,,,,*4C
\$GPGGA,081900,3452.8544,N,07438.7850,W,2,10,0.2,10,M,,M,,*6E
\$HEHDT,143.7,T*2E

PORT 4 04-06-2014 08:19:51
\$GPGLL,3452.8544,N,07438.7850,W,081900,A*37
\$GPRMC,081900,A,3452.8544,N,07438.7850,W,4.5,138.2,060414,11.9,W*4E
\$GPVTG,138.2,T,150.1,M,4.5,N,8.3,K*49
\$GPZDA,081900,06,04,2014,00,00*4D
\$HEHDT,143.9,T*20
\$GPGBS,081900,,,,,,,,*41

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\$GPGGA,081901,3452.8535,N,07438.7838,W,2,10,0.2,10,M,,M,,*67

PORT 4 04-06-2014 08:19:52
\$HEHDT,143.9,T*20
\$GPGLL,3452.8535,N,07438.7838,W,081901,A*3E
\$GPRMC,081901,A,3452.8535,N,07438.7838,W,4.5,138.3,060414,11.9,W*46
\$GPVTG,138.3,T,150.2,M,4.5,N,8.3,K*4B
\$GPZDA,081901,06,04,2014,00,00*4C
\$GPGBS,081901,,,,,,,,*40
\$GPGGA,081902,3452.8526,N,07438.7825,W,2,10,0.2,10,M,,M,,*6A
\$HEHDT,143.6,T*2F

PORT 4 04-06-2014 08:19:53
\$GPGLL,3452.8526,N,07438.7825,W,081902,A*33
\$HEHDT,143.4,T*2D
\$GPRMC,081902,A,3452.8526,N,07438.7825,W,4.6,137.3,060414,11.9,W*47
\$GPVTG,137.3,T,149.2,M,4.6,N,8.5,K*49
\$GPZDA,081902,06,04,2014,00,00*4F
\$GPGBS,081902,,,,,,,,*43
\$GPGGA,081903,3452.8518,N,07438.7811,W,2,10,0.2,10,M,,M,,*61
\$HEHDT,143.4,T*2D
PORT 12000 04-06-2014 08:19:53
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:19:54
\$GPGLL,3452.8518,N,07438.7811,W,081903,A*38
\$GPRMC,081903,A,3452.8518,N,07438.7811,W,4.6,135.8,060414,11.9,W*45
\$HEHDT,143.4,T*2D
\$GPVTG,135.8,T,147.7,M,4.6,N,8.5,K*4B
\$GPZDA,081903,06,04,2014,00,00*4E
\$GPGBS,081903,,,,,,,,*42
\$GPGGA,081904,3452.8510,N,07438.7798,W,2,10,0.2,10,M,,M,,*60
\$HEHDT,143.9,T*20

PORT 4 04-06-2014 08:19:55
\$GPGLL,3452.8510,N,07438.7798,W,081904,A*39
\$GPRMC,081904,A,3452.8510,N,07438.7798,W,4.7,134.2,060414,11.9,W*4E
\$GPVTG,134.2,T,146.1,M,4.7,N,8.7,K*44
\$HEHDT,143.8,T*21
\$GPZDA,081904,06,04,2014,00,00*49
\$GPGBS,081904,,,,,,,,*45
\$GPGGA,081905,3452.8499,N,07438.7788,W,2,10,0.2,10,M,,M,,*60
\$HEHDT,144.2,T*2C

PORT 4 04-06-2014 08:19:56
\$GPGLL,3452.8499,N,07438.7788,W,081905,A*39
\$GPRMC,081905,A,3452.8499,N,07438.7788,W,4.7,133.6,060414,11.9,W*4D
\$GPVTG,133.6,T,145.5,M,4.7,N,8.7,K*40
\$GPZDA,081905,06,04,2014,00,00*48
\$HEHDT,144.3,T*2D
\$GPGBS,081905,,,,,,,,*44
\$GPGGA,081906,3452.8489,N,07438.7779,W,2,10,0.2,10,M,,M,,*6C
\$HEHDT,144.4,T*2A

PORT 4 04-06-2014 08:19:57
\$GPGLL,3452.8489,N,07438.7779,W,081906,A*35
\$GPRMC,081906,A,3452.8489,N,07438.7779,W,4.7,134.3,060414,11.9,W*43
\$GPVTG,134.3,T,146.2,M,4.7,N,8.7,K*46
\$GPZDA,081906,06,04,2014,00,00*4B
\$GPGBS,081906,,,,,,,,*47
\$GPGGA,081907,3452.8481,N,07438.7769,W,2,10,0.2,10,M,,M,,*64
\$HEHDT,144.5,T*2B
\$GPGLL,3452.8481,N,07438.7769,W,081907,A*3D

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\$HEHDT,144.3,T*2D
\$GPRMC,081907,A,3452.8481,N,07438.7769,W,4.6,135.6,060414,11.9,w*4E
\$GPVTG,135.6,T,147.5,M,4.6,N,8.5,K*47
\$GPZDA,081907,06,04,2014,00,00*4A
\$GPGBS,081907,,,,,,,,*46
\$GPGGA,081908,3452.8472,N,07438.7757,W,2,9,0.3,10,M,,M,,*53
\$HEHDT,143.4,T*2D

PORT 4 04-06-2014 08:19:58
\$GPGLL,3452.8472,N,07438.7757,W,081908,A*33
\$GPRMC,081908,A,3452.8472,N,07438.7757,W,4.6,135.9,060414,11.9,w*4F
\$HEHDT,142.9,T*21
\$GPVTG,135.9,T,147.8,M,4.6,N,8.5,K*45
\$GPZDA,081908,06,04,2014,00,00*45
\$GPGBS,081908,,,,,,,,*49
\$GPGGA,081909,3452.8463,N,07438.7746,W,2,9,0.2,10,M,,M,,*53
\$HEHDT,141.9,T*22

PORT 4 04-06-2014 08:19:59
\$GPGLL,3452.8463,N,07438.7746,W,081909,A*32
\$GPRMC,081909,A,3452.8463,N,07438.7746,W,4.6,135.3,060414,11.9,w*44
\$HEHDT,141.5,T*2E
\$GPVTG,135.3,T,147.2,M,4.6,N,8.5,K*45
\$GPZDA,081909,06,04,2014,00,00*44
\$GPGBS,081909,,,,,,,,*48
\$GPGGA,081910,3452.8453,N,07438.7737,W,2,9,0.3,10,M,,M,,*5F

PORT 4 04-06-2014 08:20:00
\$HEHDT,141.2,T*29
\$GPGLL,3452.8453,N,07438.7737,W,081910,A*3F
\$GPRMC,081910,A,3452.8453,N,07438.7737,W,4.6,135.0,060414,11.9,w*4A
\$GPVTG,135.0,T,146.9,M,4.6,N,8.5,K*4C
\$HEHDT,141.3,T*28
\$GPZDA,081910,06,04,2014,00,00*4C
\$GPGBS,081910,,,,,,,,*40
\$GPGGA,081911,3452.8442,N,07438.7728,W,2,9,0.3,10,M,,M,,*50

PORT 4 04-06-2014 08:20:01
\$HEHDT,141.0,T*2B
\$GPGLL,3452.8442,N,07438.7728,W,081911,A*30
\$GPRMC,081911,A,3452.8442,N,07438.7728,W,4.6,136.2,060414,11.9,w*44
\$GPVTG,136.2,T,148.1,M,4.6,N,8.5,K*4B
\$GPZDA,081911,06,04,2014,00,00*4D
\$GPGBS,081911,,,,,,,,*41
\$HEHDT,141.2,T*29
\$GPGGA,081912,3452.8432,N,07438.7717,W,2,10,0.2,10,M,,M,,*61

PORT 4 04-06-2014 08:20:02
\$HEHDT,141.2,T*29
\$GPGLL,3452.8432,N,07438.7717,W,081912,A*38
\$GPRMC,081912,A,3452.8432,N,07438.7717,W,4.6,137.9,060414,11.9,w*46
\$GPVTG,137.9,T,149.8,M,4.6,N,8.5,K*49
\$GPZDA,081912,06,04,2014,00,00*4E
\$GPGBS,081912,,,,,,,,*42
\$GPGGA,081913,3452.8424,N,07438.7704,W,2,10,0.3,10,M,,M,,*64
\$HEHDT,141.0,T*2B
PORT 12000 04-06-2014 08:20:02
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:20:03
\$GPGLL,3452.8424,N,07438.7704,W,081913,A*3C
\$HEHDT,140.3,T*29
\$GPRMC,081913,A,3452.8424,N,07438.7704,W,4.6,138.3,060414,11.9,w*47

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\$GPVTG,138.3,T,150.2,M,4.6,N,8.5,K*4E
\$GPZDA,081913,06,04,2014,00,00*4F
\$GPGBS,081913,,,,,,*43
\$GPGGA,081914,3452.8416,N,07438.7689,W,2,8,0.3,10,M,,M,,*5F
\$HEHDT,139.6,T*22

PORT 4 04-06-2014 08:20:05
\$GPGLL,3452.8416,N,07438.7689,W,081914,A*3E
\$GPRMC,081914,A,3452.8416,N,07438.7689,W,4.6,136.4,060414,11.9,W*4C
\$HEHDT,138.8,T*2D
\$GPVTG,136.4,T,148.3,M,4.6,N,8.5,K*4F
\$GPZDA,081914,06,04,2014,00,00*48
\$GPGBS,081914,,,,,,*44
\$GPGGA,081915,3452.8407,N,07438.7675,W,2,8,0.3,10,M,,M,,*5D
\$HEHDT,137.7,T*2D

PORT 4 04-06-2014 08:20:06
\$GPGLL,3452.8407,N,07438.7675,W,081915,A*3C
\$GPRMC,081915,A,3452.8407,N,07438.7675,W,4.8,134.3,060414,11.9,W*45
\$GPVTG,134.3,T,146.2,M,4.8,N,8.9,K*47
\$HEHDT,137.3,T*29
\$GPZDA,081915,06,04,2014,00,00*49
\$GPGBS,081915,,,,,,*45
\$GPGGA,081916,3452.8398,N,07438.7664,W,2,8,0.3,10,M,,M,,*5F

PORT 4 04-06-2014 08:20:07
\$HEHDT,136.4,T*2F
\$GPGLL,3452.8398,N,07438.7664,W,081916,A*3E
\$GPRMC,081916,A,3452.8398,N,07438.7664,W,4.8,133.5,060414,11.9,W*46
\$GPVTG,133.5,T,145.4,M,4.8,N,8.9,K*43
\$GPZDA,081916,06,04,2014,00,00*4A
\$GPGBS,081916,,,,,,*46
\$HEHDT,136.0,T*2B
\$GPGGA,081917,3452.8388,N,07438.7653,W,2,8,0.3,10,M,,M,,*5B

PORT 4 04-06-2014 08:20:08
\$HEHDT,135.9,T*21
\$GPGLL,3452.8388,N,07438.7653,W,081917,A*3A
\$GPRMC,081917,A,3452.8388,N,07438.7653,W,4.8,133.8,060414,11.9,W*4F
\$GPVTG,133.8,T,145.7,M,4.8,N,8.9,K*4D
\$GPZDA,081917,06,04,2014,00,00*4B
\$GPGBS,081917,,,,,,*47
\$HEHDT,135.2,T*2A
\$GPGGA,081918,3452.8380,N,07438.7640,W,2,9,0.3,10,M,,M,,*5F

PORT 4 04-06-2014 08:20:09
\$GPGLL,3452.8380,N,07438.7640,W,081918,A*3F
\$HEHDT,135.0,T*28
\$GPRMC,081918,A,3452.8380,N,07438.7640,W,4.7,134.4,060414,11.9,W*4E
\$GPVTG,134.4,T,146.3,M,4.7,N,8.7,K*40
\$GPZDA,081918,06,04,2014,00,00*44
\$GPGBS,081918,,,,,,*48
\$GPGGA,081919,3452.8371,N,07438.7624,W,2,9,0.3,10,M,,M,,*52
\$HEHDT,134.4,T*2D

PORT 4 04-06-2014 08:20:10
\$GPGLL,3452.8371,N,07438.7624,W,081919,A*32
\$HEHDT,134.1,T*28
\$GPRMC,081919,A,3452.8371,N,07438.7624,W,4.7,133.7,060414,11.9,W*47
\$GPVTG,133.7,T,145.6,M,4.7,N,8.7,K*42
\$GPZDA,081919,06,04,2014,00,00*45
\$GPGBS,081919,,,,,,*49
\$GPGGA,081920,3452.8364,N,07438.7611,W,2,10,0.2,10,M,,M,,*63

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\$HEHDT,133.6,T*28

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PORT 4 04-06-2014 08:20:11

\$GPGLL,3452.8364,N,07438.7611,W,081920,A*3A

\$GPRMC,081920,A,3452.8364,N,07438.7611,W,4.8,131.7,060414,11.9,W*42

\$GPVTG,131.7,T,143.6,M,4.8,N,8.9,K*47

\$HEHDT,132.3,T*2C

\$GPZDA,081920,06,04,2014,00,00*4F

\$GPGBS,081920,,,,,,,,*43

\$GPGBA,081921,3452.8356,N,07438.7599,W,2,10,0.3,9,M,,M,,*59

\$HEHDT,131.8,T*24

#

PORT 4 04-06-2014 08:20:12

\$GPGLL,3452.8356,N,07438.7599,W,081921,A*39

\$GPRMC,081921,A,3452.8356,N,07438.7599,W,4.8,130.6,060414,11.9,W*41

\$GPVTG,130.6,T,142.5,M,4.8,N,8.9,K*45

\$GPZDA,081921,06,04,2014,00,00*4E

\$HEHDT,130.9,T*24

\$GPGBS,081921,,,,,,,,*42

\$GPGBA,081922,3452.8348,N,07438.7588,W,2,8,0.3,9,M,,M,,*6C

\$HEHDT,130.1,T*2C

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PORT 4 04-06-2014 08:20:13

\$GPGLL,3452.8348,N,07438.7588,W,081922,A*35

\$GPRMC,081922,A,3452.8348,N,07438.7588,W,4.7,130.4,060414,11.9,W*40

\$GPVTG,130.4,T,142.3,M,4.7,N,8.7,K*40

\$GPZDA,081922,06,04,2014,00,00*4D

\$HEHDT,129.0,T*25

\$GPGBS,081922,,,,,,,,*41

\$GPGBA,081923,3452.8340,N,07438.7575,W,2,8,0.3,9,M,,M,,*67

\$GPGLL,3452.8340,N,07438.7575,W,081923,A*3E

\$HEHDT,128.2,T*26

\$GPRMC,081923,A,3452.8340,N,07438.7575,W,4.6,130.6,060414,11.9,W*48

\$GPVTG,130.6,T,142.5,M,4.6,N,8.5,K*47

\$GPZDA,081923,06,04,2014,00,00*4C

\$GPGBS,081923,,,,,,,,*40

\$GPGBA,081924,3452.8333,N,07438.7559,W,2,9,0.3,9,M,,M,,*6B

\$HEHDT,127.6,T*2D

PORT 12000 04-06-2014 08:20:13

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:20:15

\$HEHDT,127.3,T*28

\$GPGLL,3452.8333,N,07438.7559,W,081924,A*33

\$GPRMC,081924,A,3452.8333,N,07438.7559,W,4.6,130.1,060414,11.9,W*42

\$GPVTG,130.1,T,142.0,M,4.6,N,8.5,K*45

\$GPZDA,081924,06,04,2014,00,00*4B

\$GPGBS,081924,,,,,,,,*47

\$HEHDT,126.1,T*2B

\$GPGBA,081925,3452.8327,N,07438.7547,W,2,9,0.2,10,M,,M,,*59

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PORT 4 04-06-2014 08:20:16

\$GPGLL,3452.8327,N,07438.7547,W,081925,A*38

\$HEHDT,125.9,T*20

\$GPRMC,081925,A,3452.8327,N,07438.7547,W,4.7,127.1,060414,11.9,W*4E

\$GPVTG,127.1,T,139.0,M,4.7,N,8.7,K*4C

\$GPZDA,081925,06,04,2014,00,00*4A

\$GPGBS,081925,000.7,003.1,000.2,04,0.05,0023.7,012.5*40

\$GPGBA,081926,3452.8319,N,07438.7537,W,2,10,0.2,10,M,,M,,*68

\$HEHDT,125.3,T*2A

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PORT 4 04-06-2014 08:20:17

\$GPGLL,3452.8319,N,07438.7537,W,081926,A*31

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\$GPRMC,081926,A,3452.8319,N,07438.7537,W,4.6,126.7,060414,11.9,w*41
\$GPVTG,126.7,T,138.6,M,4.6,N,8.5,K*4F
\$HEHDT,124.4,T*2C
\$GPZDA,081926,06,04,2014,00,00*49
\$GPGBS,081926,000.8,004.0,000.4,04,0.05,0032.0,012.5*4B
\$GPGGA,081927,3452.8313,N,07438.7524,W,2,10,0.2,10,M,,M,,*61
\$HEHDT,123.4,T*2B

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PORT 4 04-06-2014 08:20:18

\$GPGLL,3452.8313,N,07438.7524,W,081927,A*38
\$GPRMC,081927,A,3452.8313,N,07438.7524,W,4.6,126.7,060414,11.9,w*48
\$HEHDT,122.7,T*29
\$GPVTG,126.7,T,138.6,M,4.6,N,8.5,K*4F
\$GPZDA,081927,06,04,2014,00,00*48
\$GPGBS,081927,,,,,,*44
\$GPGGA,081928,3452.8307,N,07438.7510,W,2,10,0.2,10,M,,M,,*6C
\$HEHDT,122.5,T*2B

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PORT 4 04-06-2014 08:20:20

\$GPGLL,3452.8307,N,07438.7510,W,081928,A*35
\$GPRMC,081928,A,3452.8307,N,07438.7510,W,4.7,124.2,060414,11.9,w*43
\$GPVTG,124.2,T,136.1,M,4.7,N,8.7,K*42
\$GPZDA,081928,06,04,2014,00,00*47
\$HEHDT,122.1,T*2F
\$GPGBS,081928,000.9,004.6,000.7,04,0.05,0034.2,012.5*45
\$GPGGA,081929,3452.8301,N,07438.7498,W,2,10,0.2,10,M,,M,,*6A
\$GPGLL,3452.8301,N,07438.7498,W,081929,A*33
\$HEHDT,121.1,T*2C
\$GPRMC,081929,A,3452.8301,N,07438.7498,W,4.7,122.3,060414,11.9,w*42
\$GPVTG,122.3,T,134.2,M,4.7,N,8.7,K*44
\$GPZDA,081929,06,04,2014,00,00*46
\$GPGBS,081929,000.1,006.6,000.8,04,0.05,0031.6,012.5*40
\$GPGGA,081930,3452.8297,N,07438.7484,W,2,10,0.2,10,M,,M,,*61
\$HEHDT,120.7,T*2B

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PORT 4 04-06-2014 08:20:21

\$GPGLL,3452.8297,N,07438.7484,W,081930,A*38
\$GPRMC,081930,A,3452.8297,N,07438.7484,W,4.7,122.3,060414,11.9,w*49
\$HEHDT,119.6,T*20
\$GPVTG,122.3,T,134.2,M,4.7,N,8.7,K*44
\$GPZDA,081930,06,04,2014,00,00*4E
\$GPGBS,081930,,,,,,*42
\$GPGGA,081931,3452.8290,N,07438.7470,W,2,10,0.3,10,M,,M,,*6D
\$HEHDT,118.9,T*2E

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PORT 4 04-06-2014 08:20:22

\$GPGLL,3452.8290,N,07438.7470,W,081931,A*35
\$GPRMC,081931,A,3452.8290,N,07438.7470,W,4.6,121.5,060414,11.9,w*40
\$HEHDT,117.6,T*2E
\$GPVTG,121.5,T,133.4,M,4.6,N,8.5,K*43
\$GPZDA,081931,06,04,2014,00,00*4F
\$GPGBS,081931,,,,,,*43
\$GPGGA,081932,3452.8283,N,07438.7455,W,2,10,0.2,10,M,,M,,*6A
\$HEHDT,116.9,T*20

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PORT 4 04-06-2014 08:20:23

\$GPGLL,3452.8283,N,07438.7455,W,081932,A*33
\$GPRMC,081932,A,3452.8283,N,07438.7455,W,4.6,121.0,060414,11.9,w*43
\$GPVTG,121.0,T,132.9,M,4.6,N,8.5,K*4A
\$GPZDA,081932,06,04,2014,00,00*4C
\$HEHDT,116.5,T*2C
\$GPGBS,081932,000.0,002.5,000.8,04,0.05,0021.0,012.5*4B
\$GPGGA,081933,3452.8279,N,07438.7438,W,2,10,0.2,10,M,,M,,*65

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PORT 12000 04-06-2014 08:20:23
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:20:24
\$HEHDT,116.3,T*2A
\$GPGLL,3452.8279,N,07438.7438,W,081933,A*3C
\$GPRMC,081933,A,3452.8279,N,07438.7438,W,4.6,121.0,060414,11.9,W*4C
\$GPVTG,121.0,T,132.9,M,4.6,N,8.5,K*4A
\$GPZDA,081933,06,04,2014,00,00*4D
\$HEHDT,115.8,T*22
\$GPGBS,081933,,,,,,*41
\$GPGGA,081934,3452.8275,N,07438.7424,W,2,10,0.2,10,M,,M,,*63

PORT 4 04-06-2014 08:20:25
\$HEHDT,115.5,T*2F
\$GPGLL,3452.8275,N,07438.7424,W,081934,A*3A
\$GPRMC,081934,A,3452.8275,N,07438.7424,W,4.6,117.4,060414,11.9,W*4B
\$GPVTG,117.4,T,129.3,M,4.6,N,8.5,K*4B
\$GPZDA,081934,06,04,2014,00,00*4A
\$GPGBS,081934,000.0,003.0,000.9,04,0.05,0015.4,012.5*4B
\$HEHDT,115.3,T*29
\$GPGGA,081935,3452.8272,N,07438.7409,W,2,10,0.2,10,M,,M,,*6A

PORT 4 04-06-2014 08:20:26
\$HEHDT,114.7,T*2C
\$GPGLL,3452.8272,N,07438.7409,W,081935,A*33
\$GPRMC,081935,A,3452.8272,N,07438.7409,W,4.6,114.9,060414,11.9,W*4C
\$GPVTG,114.9,T,126.8,M,4.6,N,8.5,K*41
\$GPZDA,081935,06,04,2014,00,00*4B
\$GPGBS,081935,000.0,002.1,000.7,04,0.05,0016.8,012.5*4B
\$GPGGA,081936,3452.8269,N,07438.7396,W,2,10,0.2,10,M,,M,,*62
\$HEHDT,114.8,T*23

PORT 5 04-06-2014 08:20:27
IN
PORT 4 04-06-2014 08:20:27
\$GPGLL,3452.8269,N,07438.7396,W,081936,A*3B
\$GPRMC,081936,A,3452.8269,N,07438.7396,W,4.5,113.2,060414,11.9,W*4B
\$HEHDT,113.3,T*2F
\$GPVTG,113.2,T,125.1,M,4.5,N,8.3,K*42
\$GPZDA,081936,06,04,2014,00,00*48
\$GPGBS,081936,000.5,003.3,000.2,04,0.05,0025.6,012.5*45
\$GPGGA,081937,3452.8264,N,07438.7384,W,2,10,0.2,10,M,,M,,*6D
\$HEHDT,112.6,T*2B
\$GPGLL,3452.8264,N,07438.738

PORT 4 04-06-2014 08:20:29
\$GPGLL,3452.8269,N,07438.7396,W,081936,A*3B
\$GPRMC,081936,A,3452.8269,N,07438.7396,W,4.5,113.2,060414,11.9,W*4B
\$HEHDT,113.3,T*2F
\$GPVTG,113.2,T,125.1,M,4.5,N,8.3,K*42
\$GPZDA,081936,06,04,2014,00,00*48
\$GPGBS,081936,000.5,003.3,000.2,04,0.05,0025.6,012.5*45
\$GPGGA,081937,3452.8264,N,07438.7384,W,2,10,0.2,10,M,,M,,*6D
\$HEHDT,112.6,T*2B
\$GPGLL,3452.8264,N,07438.7384,W,081937,A*34
\$GPRMC,081937,A,3452.8264,N,07438.7384,W,4.5,113.3,060414,11.9,W*45
\$HEHDT,111.9,T*27
\$GPVTG,113.3,T,125.2,M,4.5,N,8.3,K*40
\$GPZDA,081937,06,04,2014,00,00*49
\$GPGBS,081937,000.7,004.5,000.1,04,0.05,0023.1,012.5*45
\$GPGGA,081938,3452.8257,N,07438.7370,W,2,10,0.2,10,M,,M,,*69
\$HEHDT,111.0,T*2E

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\$GPGLL,3452.8257,N,07438.7370,W,081938,A*30
\$GPRMC,081938,A,3452.8257,N,07438.7370,W,4.5,114.3,060414,11.9,w*46
\$GPVTG,114.3,T,126.2,M,4.5,N,8.3,K*44
\$HEHDT,110.4,T*2B
\$GPZDA,081938,06,04,2014,00,00*46
\$GPGBS,081938,000.3,002.1,000.1,04,0.05,0016.7,012.5*4C
\$GPGGA,081939,3452.8252,N,07438.7356,W,2,10,0.2,10,M,,M,,*69

PORT 4 04-06-2014 08:20:30
\$HEHDT,110.7,T*28
\$GPGLL,3452.8252,N,07438.7356,W,081939,A*30
\$GPRMC,081939,A,3452.8252,N,07438.7356,W,4.5,114.5,060414,11.9,w*40
\$GPVTG,114.5,T,126.4,M,4.5,N,8.3,K*44
\$GPZDA,081939,06,04,2014,00,00*47
\$GPGBS,081939,000.2,002.4,000.4,04,0.05,0017.3,012.5*49
\$HEHDT,109.5,T*22
\$GPGGA,081940,3452.8250,N,07438.7342,W,2,10,0.2,10,M,,M,,*60

PORT 5 04-06-2014 08:20:31
04030 ms
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PORT 4 04-06-2014 08:20:31
\$GPGLL,3452.8250,N,07438.7342,W,081940,A*39
\$HEHDT,109.9,T*2E
\$GPRMC,081940,A,3452.8250,N,07438.7342,W,4.5,113.2,060414,11.9,w*49
\$GPVTG,113.2,T,125.1,M,4.5,N,8.3,K*42
\$GPZDA,081940,06,04,2014,00,00*49
\$GPGBS,081940,000.5,001.9,000.6,04,0.05,0013.7,012.5*4C
\$GPGGA,081941,3452.8248,N,07438.7326,W,2,10,0.2,10,M,,M,,*6A
\$HEHDT,108.9,T*2F

PORT 4 04-06-2014 08:20:32
\$GPGLL,3452.8248,N,07438.7326,W,081941,A*33
\$HEHDT,108.8,T*2E
\$GPRMC,081941,A,3452.8248,N,07438.7326,W,4.5,113.2,060414,11.9,w*43
\$GPVTG,113.2,T,125.1,M,4.5,N,8.3,K*42
\$GPZDA,081941,06,04,2014,00,00*48
\$GPGBS,081941,,,,,,*44
\$GPGGA,081942,3452.8247,N,07438.7311,W,2,9,0.2,10,M,,M,,*5A
\$HEHDT,108.9,T*2F

PORT 4 04-06-2014 08:20:33
\$GPGLL,3452.8247,N,07438.7311,W,081942,A*3B
\$GPRMC,081942,A,3452.8247,N,07438.7311,W,4.5,107.2,060414,11.9,w*4E
\$HEHDT,107.9,T*20
\$GPVTG,107.2,T,119.1,M,4.5,N,8.3,K*48
\$GPZDA,081942,06,04,2014,00,00*4B
\$GPGBS,081942,001.0,005.9,000.3,04,0.05,0027.5,012.5*4E
\$GPGGA,081943,3452.8244,N,07438.7294,W,2,9,0.3,10,M,,M,,*55
\$HEHDT,107.3,T*2A
\$GPGLL,3452.8244,N,07438.7294,W,081943,A*35
\$GPRMC,081943,A,3452.8244,N,07438.7294,W,4.6,105.0,060414,11.9,w*43
\$GPVTG,105.0,T,116.9,M,4.6,N,8.5,K*4A
\$GPZDA,081943,06,04,2014,00,00*4A
\$GPGBS,081943,001.8,003.7,001.2,04,0.05,0015.2,012.5*49
\$HEHDT,107.1,T*28
\$GPGGA,081944,3452.8243,N,07438.7278,W,2,9,0.3,10,M,,M,,*57
PORT 12000 04-06-2014 08:20:33
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\$HEHDT,107.4,T*2D
\$GPGLL,3452.8243,N,07438.7278,W,081944,A*37

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\$GPRMC,081944,A,3452.8243,N,07438.7278,W,4.6,105.0,060414,11.9,w*41
\$GPVTG,105.0,T,116.9,M,4.6,N,8.5,K*4A
\$GPZDA,081944,06,04,2014,00,00*4D
\$GPGBS,081944,,,,,,,,*41
\$HEHDT,107.0,T*29
\$GPGGA,081945,3452.8240,N,07438.7266,W,2,9,0.3,10,M,,M,,*5A

PORT 4 04-06-2014 08:20:36
\$HEHDT,106.5,T*2D
\$GPGLL,3452.8240,N,07438.7266,W,081945,A*3A
\$GPRMC,081945,A,3452.8240,N,07438.7266,W,4.5,103.8,060414,11.9,w*41
\$GPVTG,103.8,T,115.7,M,4.5,N,8.3,K*4C
\$GPZDA,081945,06,04,2014,00,00*4C
\$GPGBS,081945,000.3,002.9,000.4,04,0.05,0011.4,012.5*4F
\$GPGGA,081946,3452.8233,N,07438.7254,W,2,9,0.3,10,M,,M,,*5C
\$HEHDT,106.5,T*2D

PORT 4 04-06-2014 08:20:37
\$GPGLL,3452.8233,N,07438.7254,W,081946,A*3C
\$GPRMC,081946,A,3452.8233,N,07438.7254,W,4.4,106.2,060414,11.9,w*49
\$HEHDT,105.5,T*2E
\$GPVTG,106.2,T,118.1,M,4.4,N,8.1,K*4B
\$GPZDA,081946,06,04,2014,00,00*4F
\$GPGBS,081946,000.4,002.9,001.1,04,0.05,0013.7,012.5*4E
\$GPGGA,081947,3452.8228,N,07438.7237,W,2,9,0.3,10,M,,M,,*52
\$HEHDT,105.2,T*29

PORT 4 04-06-2014 08:20:38
\$GPGLL,3452.8228,N,07438.7237,W,081947,A*32
\$GPRMC,081947,A,3452.8228,N,07438.7237,W,4.4,106.2,060414,11.9,w*47
\$HEHDT,105.5,T*2E
\$GPVTG,106.2,T,118.1,M,4.4,N,8.1,K*4B
\$GPZDA,081947,06,04,2014,00,00*4E
\$GPGBS,081947,,,,,,,,*42
\$GPGGA,081948,3452.8225,N,07438.7225,W,2,9,0.2,10,M,,M,,*52
\$HEHDT,105.3,T*28

PORT 4 04-06-2014 08:20:39
\$GPGLL,3452.8225,N,07438.7225,W,081948,A*33
\$GPRMC,081948,A,3452.8225,N,07438.7225,W,4.5,107.1,060414,11.9,w*45
\$GPVTG,107.1,T,119.0,M,4.5,N,8.3,K*4A
\$GPZDA,081948,06,04,2014,00,00*41
\$HEHDT,105.0,T*2B
\$GPGBS,081948,000.9,006.4,001.3,04,0.05,0030.0,012.5*40
\$GPGGA,081949,3452.8223,N,07438.7210,W,2,9,0.2,10,M,,M,,*53
\$HEHDT,105.4,T*2F

PORT 4 04-06-2014 08:20:40
\$GPGLL,3452.8223,N,07438.7210,W,081949,A*32
\$GPRMC,081949,A,3452.8223,N,07438.7210,W,4.5,107.1,060414,11.9,w*44
\$GPVTG,107.1,T,119.0,M,4.5,N,8.3,K*4A
\$GPZDA,081949,06,04,2014,00,00*40
\$HEHDT,105.8,T*23
\$GPGBS,081949,,,,,,,,*4C
\$GPGGA,081950,3452.8224,N,07438.7198,W,2,9,0.2,10,M,,M,,*5F

PORT 4 04-06-2014 08:20:41
\$HEHDT,105.3,T*28
\$GPGLL,3452.8224,N,07438.7198,W,081950,A*3E
\$GPRMC,081950,A,3452.8224,N,07438.7198,W,4.3,103.9,060414,11.9,w*42
\$GPVTG,103.9,T,115.8,M,4.3,N,8.0,K*47
\$GPZDA,081950,06,04,2014,00,00*48
\$GPGBS,081950,001.5,004.6,000.1,04,0.05,0019.2,012.5*4E

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\$HEHDT,105.7,T*2C
\$GPGGA,081951,3452.8223,N,07438.7183,W,2,9,0.3,10,M,,M,,*52

PORT 4 04-06-2014 08:20:42
\$GPGLL,3452.8223,N,07438.7183,W,081951,A*32
\$HEHDT,104.7,T*2D
\$GPRMC,081951,A,3452.8223,N,07438.7183,W,4.4,101.4,060414,11.9,w*46
\$GPVTG,101.4,T,113.3,M,4.4,N,8.1,K*43
\$GPZDA,081951,06,04,2014,00,00*49
\$GPGBS,081951,000.7,003.2,000.6,04,0.05,0018.7,012.5*4C
\$GPGGA,081952,3452.8224,N,07438.7164,W,2,9,0.3,10,M,,M,,*5F
\$HEHDT,105.2,T*29

PORT 4 04-06-2014 08:20:43
\$GPGLL,3452.8224,N,07438.7164,W,081952,A*3F
\$GPRMC,081952,A,3452.8224,N,07438.7164,W,4.4,98.8,060414,11.9,w*76
\$HEHDT,103.8,T*25
\$GPVTG,98.8,T,110.7,M,4.4,N,8.1,K*79
\$GPZDA,081952,06,04,2014,00,00*4A
\$GPGBS,081952,,,,,,*46
\$GPGGA,081953,3452.8224,N,07438.7146,W,2,9,0.2,10,M,,M,,*5F
\$HEHDT,104.4,T*2E
PORT 12000 04-06-2014 08:20:43
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\$GPGLL,3452.8224,N,07438.7146,W,081953,A*3E
\$GPRMC,081953,A,3452.8224,N,07438.7146,W,4.5,96.5,060414,11.9,w*75
\$HEHDT,105.2,T*29
\$GPVTG,96.5,T,108.4,M,4.5,N,8.3,K*73
\$GPZDA,081953,06,04,2014,00,00*4B
\$GPGBS,081953,001.0,003.3,000.3,04,0.05,0014.2,012.5*45
\$GPGGA,081954,3452.8223,N,07438.7129,W,2,10,0.3,10,M,,M,,*6F
\$HEHDT,104.4,T*2E
\$GPGLL,3452.8223,N,07438.7129,W,081954,A*37
\$GPRMC,081954,A,3452.8223,N,07438.7129,W,4.6,96.0,060414,11.9,w*7A
\$GPVTG,96.0,T,107.9,M,4.6,N,8.5,K*71
\$GPZDA,081954,06,04,2014,00,00*4C
\$GPGBS,081954,,,,,,*40
\$GPGGA,081955,3452.8218,N,07438.7115,W,2,10,0.3,10,M,,M,,*69
\$HEHDT,105.2,T*29

PORT 4 04-06-2014 08:20:46
\$HEHDT,105.0,T*2B
\$GPGLL,3452.8218,N,07438.7115,W,081955,A*31
\$GPRMC,081955,A,3452.8218,N,07438.7115,W,4.6,96.0,060414,11.9,w*7C
\$GPVTG,96.0,T,107.9,M,4.6,N,8.5,K*71
\$GPZDA,081955,06,04,2014,00,00*4D
\$HEHDT,105.8,T*23
\$GPGBS,081955,,,,,,*41
\$GPGGA,081956,3452.8211,N,07438.7104,W,2,9,0.3,10,M,,M,,*5B

PORT 4 04-06-2014 08:20:47
\$GPGLL,3452.8211,N,07438.7104,W,081956,A*3B
\$HEHDT,105.3,T*28
\$GPRMC,081956,A,3452.8211,N,07438.7104,W,4.5,97.6,060414,11.9,w*72
\$GPVTG,97.6,T,109.5,M,4.5,N,8.3,K*71
\$GPZDA,081956,06,04,2014,00,00*4E
\$GPGBS,081956,000.6,002.6,000.5,04,0.05,0007.7,012.5*42
\$GPGGA,081957,3452.8205,N,07438.7091,W,2,9,0.3,10,M,,M,,*52
\$HEHDT,105.7,T*2C

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\$GPGLL,3452.8205,N,07438.7091,W,081957,A*32
\$GPRMC,081957,A,3452.8205,N,07438.7091,W,4.4,102.9,060414,11.9,w*48
\$HEHDT,106.3,T*2B
\$GPVTG,102.9,T,114.8,M,4.4,N,8.1,K*41
\$GPZDA,081957,06,04,2014,00,00*4F
\$GPGBS,081957,002.6,004.4,000.8,04,0.05,0011.5,012.5*4D
\$GPGGA,081958,3452.8203,N,07438.7078,W,2,8,0.2,11,M,,M,,*5D
\$HEHDT,106.1,T*29

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\$GPGLL,3452.8203,N,07438.7078,W,081958,A*3C
\$GPRMC,081958,A,3452.8203,N,07438.7078,W,4.4,102.7,060414,11.9,w*48
\$HEHDT,106.7,T*2F
\$GPVTG,102.7,T,114.6,M,4.4,N,8.1,K*41
\$GPZDA,081958,06,04,2014,00,00*40
\$GPGBS,081958,,,,,,,,*4C
\$GPGGA,081959,3452.8201,N,07438.7065,W,2,8,0.2,11,M,,M,,*52
\$HEHDT,107.3,T*2A

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PORT 4 04-06-2014 08:20:50

\$GPGLL,3452.8201,N,07438.7065,W,081959,A*33
\$GPRMC,081959,A,3452.8201,N,07438.7065,W,4.4,100.6,060414,11.9,w*44
\$GPVTG,100.6,T,112.5,M,4.4,N,8.1,K*47
\$HEHDT,106.3,T*2B
\$GPZDA,081959,06,04,2014,00,00*41
\$GPGBS,081959,000.9,003.1,000.9,04,0.05,0011.2,012.5*4A
\$GPGGA,082000,3452.8202,N,07438.7050,W,2,10,0.3,11,M,,M,,*69
\$HEHDT,106.0,T*28

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PORT 4 04-06-2014 08:20:51

\$GPGLL,3452.8202,N,07438.7050,W,082000,A*30
\$GPRMC,082000,A,3452.8202,N,07438.7050,W,4.4,98.4,060414,11.9,w*75
\$GPVTG,98.4,T,110.3,M,4.4,N,8.1,K*71
\$GPZDA,082000,06,04,2014,00,00*47
\$HEHDT,106.0,T*28
\$GPGBS,082000,,,,,,,,*4B
\$GPGGA,082001,3452.8199,N,07438.7036,W,2,10,0.3,11,M,,M,,*69
\$HEHDT,105.8,T*23

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PORT 4 04-06-2014 08:20:53

\$GPGLL,3452.8199,N,07438.7036,W,082001,A*30
\$GPRMC,082001,A,3452.8199,N,07438.7036,W,4.4,98.4,060414,11.9,w*75
\$GPVTG,98.4,T,110.3,M,4.4,N,8.1,K*71
\$GPZDA,082001,06,04,2014,00,00*46
\$GPGBS,082001,000.4,002.6,000.5,04,0.05,0010.1,012.5*48
\$HEHDT,105.7,T*2C
\$GPGGA,082002,3452.8197,N,07438.7022,W,2,10,0.2,11,M,,M,,*60
\$GPGLL,3452.8197,N,07438.7022,W,082002,A*38
\$GPRMC,082002,A,3452.8197,N,07438.7022,W,4.4,97.6,060414,11.9,w*70
\$HEHDT,105.8,T*23
\$GPVTG,97.6,T,109.5,M,4.4,N,8.1,K*72
\$GPZDA,082002,06,04,2014,00,00*45
\$GPGBS,082002,000.6,002.7,000.7,04,0.05,0018.5,012.5*46
\$GPGGA,082003,3452.8195,N,07438.7006,W,2,10,0.2,11,M,,M,,*65
\$HEHDT,106.0,T*28

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\$GPGLL,3452.8195,N,07438.7006,W,082003,A*3D
\$GPRMC,082003,A,3452.8195,N,07438.7006,W,4.4,97.6,060414,11.9,w*75
\$HEHDT,105.9,T*22
\$GPVTG,97.6,T,109.5,M,4.4,N,8.1,K*72

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\$GPZDA,082003,06,04,2014,00,00*44
\$GPGBS,082003,,,,,,,,*48
\$GPGGA,082004,3452.8193,N,07438.6992,W,2,9,0.2,11,M,,M,,*59
\$HEHDT,106.3,T*2B

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\$GPGLL,3452.8193,N,07438.6992,W,082004,A*39
\$GPRMC,082004,A,3452.8193,N,07438.6992,W,4.5,97.8,060414,11.9,W*7E
\$GPVTG,97.8,T,109.7,M,4.5,N,8.3,K*7D
\$HEHDT,106.8,T*20
\$GPZDA,082004,06,04,2014,00,00*43
\$GPGBS,082004,001.0,004.7,000.9,04,0.05,0021.9,012.5*49
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PORT 5 04-06-2014 08:21:20

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PORT 4 04-06-2014 08:21:26
$GPGLL,3452.8131,N,07438.6517,W,082035,A*32
$GPRMC,082035,A,3452.8131,N,07438.6517,W,4.6,99.7,060414,11.9,W*77
$GPVTG,99.7,T,111.6,M,4.6,N,8.5,K*71
$HEHDT,107.3,T*2A
$GPZDA,082035,06,04,2014,00,00*41
$GPGBS,082035,,,,,,,,*4D
$GPGGA,082036,3452.8129,N,07438.6501,W,2,8,0.3,11,M,,M,,*5F
$HEHDT,107.3,T*2A
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PORT 4 04-06-2014 08:21:27
$GPGLL,3452.8129,N,07438.6501,W,082036,A*3F
$GPRMC,082036,A,3452.8129,N,07438.6501,W,4.6,99.4,060414,11.9,W*79
$GPVTG,99.4,T,111.3,M,4.6,N,8.5,K*77
$HEHDT,107.0,T*29
$GPZDA,082036,06,04,2014,00,00*42
$GPGBS,082036,,,,,,,,*4E
$GPGGA,082037,3452.8128,N,07438.6486,W,2,8,0.3,11,M,,M,,*51
$HEHDT,107.3,T*2A
#
PORT 4 04-06-2014 08:21:28
$GPGLL,3452.8128,N,07438.6486,W,082037,A*31
$GPRMC,082037,A,3452.8128,N,07438.6486,W,4.6,99.4,060414,11.9,W*77
$GPVTG,99.4,T,111.3,M,4.6,N,8.5,K*77
$HEHDT,108.1,T*27
$GPZDA,082037,06,04,2014,00,00*43
$GPGBS,082037,000.5,004.5,000.2,04,0.05,0023.0,012.5*4F
$GPGGA,082038,3452.8127,N,07438.6471,W,2,10,0.2,11,M,,M,,*61
$HEHDT,108.8,T*2E
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PORT 4 04-06-2014 08:21:30
$GPGLL,3452.8127,N,07438.6471,W,082038,A*39
$GPRMC,082038,A,3452.8127,N,07438.6471,W,4.6,98.7,060414,11.9,W*7D
$GPVTG,98.7,T,110.6,M,4.6,N,8.5,K*71
$GPZDA,082038,06,04,2014,00,00*4C
$GPGBS,082038,000.5,004.1,000.4,04,0.05,0018.9,012.5*43
$HEHDT,109.5,T*22
$GPGGA,082039,3452.8125,N,07438.6460,W,2,10,0.2,11,M,,M,,*62
$HEHDT,109.4,T*23
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\$GPGLL,3452.8125,N,07438.6460,W,082039,A*3A
\$GPRMC,082039,A,3452.8125,N,07438.6460,W,4.6,97.5,060414,11.9,W*73
\$GPVTG,97.5,T,109.4,M,4.6,N,8.5,K*76
\$GPZDA,082039,06,04,2014,00,00*4D
\$GPGBS,082039,000.3,004.0,001.5,04,0.05,0019.1,012.5*4C
\$GPGGA,082040,3452.8120,N,07438.6447,W,2,10,0.2,11,M,,M,,*6C
\$HEHDT,108.5,T*23

PORT 4 04-06-2014 08:21:31
\$GPGLL,3452.8120,N,07438.6447,W,082040,A*34
\$GPRMC,082040,A,3452.8120,N,07438.6447,W,4.5,97.8,060414,11.9,W*73
\$GPVTG,97.8,T,109.7,M,4.5,N,8.3,K*7D
\$HEHDT,107.7,T*2E
\$GPZDA,082040,06,04,2014,00,00*43
\$GPGBS,082040,000.6,003.5,000.6,04,0.05,0015.4,012.5*4E
\$GPGGA,082041,3452.8112,N,07438.6430,W,2,10,0.3,11,M,,M,,*6D
\$HEHDT,107.7,T*2E

PORT 4 04-06-2014 08:21:32
\$GPGLL,3452.8112,N,07438.6430,W,082041,A*34
\$GPRMC,082041,A,3452.8112,N,07438.6430,W,4.6,104.2,060414,11.9,W*41
\$GPVTG,104.2,T,116.1,M,4.6,N,8.5,K*41
\$HEHDT,107.4,T*2D
\$GPZDA,082041,06,04,2014,00,00*42
\$GPGBS,082041,,,,,,*4E
\$GPGGA,082042,3452.8109,N,07438.6412,W,2,9,0.2,11,M,,M,,*5D
\$HEHDT,107.7,T*2E

PORT 4 04-06-2014 08:21:33
\$GPGLL,3452.8109,N,07438.6412,W,082042,A*3D
\$GPRMC,082042,A,3452.8109,N,07438.6412,W,4.6,104.5,060414,11.9,W*4F
\$GPVTG,104.5,T,116.4,M,4.6,N,8.5,K*43
\$HEHDT,108.5,T*23
\$GPZDA,082042,06,04,2014,00,00*41
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PORT 4 04-06-2014 08:21:34
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\$GPVTG,104.5,T,116.4,M,4.6,N,8.5,K*43
\$GPZDA,082043,06,04,2014,00,00*40
\$HEHDT,108.9,T*2F
\$GPGBS,082043,000.5,001.9,000.3,04,0.05,0013.4,012.5*43
\$GPGGA,082044,3452.8112,N,07438.6382,W,2,10,0.2,11,M,,M,,*67
\$GPGLL,3452.8112,N,07438.6382,W,082044,A*3F
\$GPRMC,082044,A,3452.8112,N,07438.6382,W,4.5,102.2,060414,11.9,W*4F
\$HEHDT,108.0,T*26
\$GPVTG,102.2,T,114.1,M,4.5,N,8.3,K*40
\$GPZDA,082044,06,04,2014,00,00*47
\$GPGBS,082044,000.5,003.3,000.7,04,0.05,0014.9,012.5*42
\$GPGGA,082045,3452.8110,N,07438.6363,W,2,10,0.3,11,M,,M,,*6A
\$HEHDT,108.2,T*24

PORT 4 04-06-2014 08:21:36
\$GPGLL,3452.8110,N,07438.6363,W,082045,A*33
\$HEHDT,108.0,T*26
\$GPRMC,082045,A,3452.8110,N,07438.6363,W,4.6,98.4,060414,11.9,W*74
\$GPVTG,98.4,T,110.3,M,4.6,N,8.5,K*77
\$GPZDA,082045,06,04,2014,00,00*46

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$GPGBS,082045,,,,,,,,*4A
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PORT 4 04-06-2014 08:21:37
$GPGLL,3452.8107,N,07438.6348,W,082046,A*3F
$GPRMC,082046,A,3452.8107,N,07438.6348,W,4.6,98.4,060414,11.9,w*78
$GPVTG,98.4,T,110.3,M,4.6,N,8.5,K*77
$GPZDA,082046,06,04,2014,00,00*45
$HEHDT,108.3,T*25
$GPGBS,082046,000.4,003.0,000.2,04,0.05,0013.6,012.5*4F
$GPGGA,082047,3452.8105,N,07438.6334,W,2,9,0.3,10,M,,M,,*57
$HEHDT,108.1,T*27
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PORT 4 04-06-2014 08:21:38
$GPGLL,3452.8105,N,07438.6334,W,082047,A*37
$GPRMC,082047,A,3452.8105,N,07438.6334,W,4.5,99.8,060414,11.9,w*7E
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$GPZDA,082047,06,04,2014,00,00*44
$GPGBS,082047,,,,,,,,*48
$GPGGA,082048,3452.8102,N,07438.6319,W,2,9,0.2,10,M,,M,,*51
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PORT 4 04-06-2014 08:21:39
$HEHDT,108.1,T*27
$GPGLL,3452.8102,N,07438.6319,W,082048,A*30
$GPRMC,082048,A,3452.8102,N,07438.6319,W,4.5,100.6,060414,11.9,w*46
$GPVTG,100.6,T,112.5,M,4.5,N,8.3,K*44
$GPZDA,082048,06,04,2014,00,00*4B
$GPGBS,082048,,,,,,,,*47
$GPGGA,082049,3452.8098,N,07438.6302,W,2,9,0.2,10,M,,M,,*58
$HEHDT,107.7,T*2E
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PORT 4 04-06-2014 08:21:40
$HEHDT,107.4,T*2D
$GPGLL,3452.8098,N,07438.6302,W,082049,A*39
$GPRMC,082049,A,3452.8098,N,07438.6302,W,4.5,100.6,060414,11.9,w*4F
$GPVTG,100.6,T,112.5,M,4.5,N,8.3,K*44
$GPZDA,082049,06,04,2014,00,00*4A
$GPGBS,082049,,,,,,,,*46
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PORT 4 04-06-2014 08:21:41
$GPGLL,3452.8093,N,07438.6286,W,082050,A*37
$HEHDT,107.6,T*2F
$GPRMC,082050,A,3452.8093,N,07438.6286,W,4.5,101.7,060414,11.9,w*41
$GPVTG,101.7,T,113.6,M,4.5,N,8.3,K*46
$GPZDA,082050,06,04,2014,00,00*42
$GPGBS,082050,000.5,003.5,000.2,04,0.05,0016.5,012.5*4A
$GPGGA,082051,3452.8091,N,07438.6272,W,2,9,0.2,10,M,,M,,*5E
$HEHDT,107.3,T*2A
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PORT 4 04-06-2014 08:21:42
$GPGLL,3452.8091,N,07438.6272,W,082051,A*3F
$GPRMC,082051,A,3452.8091,N,07438.6272,W,4.6,102.5,060414,11.9,w*4B
$HEHDT,108.4,T*22
$GPVTG,102.5,T,114.4,M,4.6,N,8.5,K*47
$GPZDA,082051,06,04,2014,00,00*43
$GPGBS,082051,000.5,003.1,000.5,04,0.05,0022.5,012.5*4F
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PORT 4 04-06-2014 08:21:43

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\$GPVTG,102.5,T,114.4,M,4.6,N,8.5,K*47
\$GPZDA,082052,06,04,2014,00,00*40
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\$GPGBS,082052,000.8,002.8,000.3,04,0.05,0011.2,012.5*48
\$GPGBA,082053,3452.8087,N,07438.6243,W,2,10,0.2,10,M,,M,,*61
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PORT 12000 04-06-2014 08:21:43

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PORT 4 04-06-2014 08:21:44

\$GPGLL,3452.8087,N,07438.6243,W,082053,A*38
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\$GPVTG,102.1,T,114.0,M,4.5,N,8.3,K*42
\$GPZDA,082053,06,04,2014,00,00*41
\$HEHDT,108.2,T*24
\$GPGBS,082053,,,,,,*4D
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PORT 4 04-06-2014 08:21:45

\$HEHDT,107.5,T*2C
\$GPGLL,3452.8085,N,07438.6226,W,082054,A*3E
\$GPRMC,082054,A,3452.8085,N,07438.6226,W,4.5,101.2,060414,11.9,W*4D
\$GPVTG,101.2,T,113.1,M,4.5,N,8.3,K*44
\$GPZDA,082054,06,04,2014,00,00*46
\$GPGBS,082054,000.5,003.1,000.5,04,0.05,0013.8,012.5*45
\$HEHDT,107.5,T*2C
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PORT 4 04-06-2014 08:21:46

\$GPGLL,3452.8081,N,07438.6210,W,082055,A*3E
\$GPRMC,082055,A,3452.8081,N,07438.6210,W,4.6,101.1,060414,11.9,W*4D
\$HEHDT,107.6,T*2F
\$GPVTG,101.1,T,113.0,M,4.6,N,8.5,K*43
\$GPZDA,082055,06,04,2014,00,00*47
\$GPGBS,082055,000.3,002.7,000.1,04,0.05,0021.3,012.5*4B
\$GPGBA,082056,3452.8080,N,07438.6194,W,2,10,0.2,10,M,,M,,*6A
\$HEHDT,107.9,T*20
\$GPGLL,3452.8080,N,07438.6194,W,082056,A*33
\$GPRMC,082056,A,3452.8080,N,07438.6194,W,4.7,101.3,060414,11.9,W*43
\$HEHDT,108.5,T*23
\$GPVTG,101.3,T,113.2,M,4.7,N,8.7,K*40
\$GPZDA,082056,06,04,2014,00,00*44
\$GPGBS,082056,,,,,,*48
\$GPGBA,082057,3452.8078,N,07438.6180,W,2,10,0.3,10,M,,M,,*68

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PORT 4 04-06-2014 08:21:47

\$HEHDT,108.6,T*20
\$GPGLL,3452.8078,N,07438.6180,W,082057,A*30
\$GPRMC,082057,A,3452.8078,N,07438.6180,W,4.6,101.0,060414,11.9,W*42
\$GPVTG,101.0,T,112.9,M,4.6,N,8.5,K*4A
\$HEHDT,109.5,T*22
\$GPZDA,082057,06,04,2014,00,00*45
\$GPGBS,082057,,,,,,*49
\$GPGBA,082058,3452.8075,N,07438.6164,W,2,10,0.2,10,M,,M,,*61

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PORT 4 04-06-2014 08:21:49

\$HEHDT,109.0,T*27
\$GPGLL,3452.8075,N,07438.6164,W,082058,A*38
\$GPRMC,082058,A,3452.8075,N,07438.6164,W,4.5,100.6,060414,11.9,W*4E
\$GPVTG,100.6,T,112.5,M,4.5,N,8.3,K*44

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$HEHDT,109.5,T*22
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$GPGBS,082058,,,,,,,,*46
$GPGGA,082059,3452.8073,N,07438.6148,W,2,10,0.2,10,M,,M,,*68
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PORT 4 04-06-2014 08:21:50
$HEHDT,109.0,T*27
$GPGLL,3452.8073,N,07438.6148,W,082059,A*31
$GPRMC,082059,A,3452.8073,N,07438.6148,W,4.5,100.9,060414,11.9,W*48
$GPVTG,100.9,T,112.8,M,4.5,N,8.3,K*46
$GPZDA,082059,06,04,2014,00,00*4B
$GPGBS,082059,000.2,002.3,000.3,04,0.05,0015.4,012.5*40
$HEHDT,108.5,T*23
$GPGGA,082100,3452.8069,N,07438.6132,W,2,9,0.3,10,M,,M,,*5A
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PORT 4 04-06-2014 08:21:51
$HEHDT,109.2,T*25
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$GPRMC,082100,A,3452.8069,N,07438.6132,W,4.6,101.4,060414,11.9,W*4C
$GPVTG,101.4,T,113.3,M,4.6,N,8.5,K*45
$GPZDA,082100,06,04,2014,00,00*46
$GPGBS,082100,000.3,003.0,000.5,04,0.05,0022.4,012.5*4C
$GPGGA,082101,3452.8067,N,07438.6119,W,2,9,0.3,10,M,,M,,*5C
$HEHDT,109.7,T*20
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PORT 4 04-06-2014 08:21:52
$HEHDT,109.8,T*2F
$GPGLL,3452.8067,N,07438.6119,W,082101,A*3C
$GPRMC,082101,A,3452.8067,N,07438.6119,W,4.7,101.1,060414,11.9,W*4E
$GPVTG,101.1,T,113.0,M,4.7,N,8.7,K*40
$GPZDA,082101,06,04,2014,00,00*47
$GPGBS,082101,000.8,004.6,000.7,04,0.05,0020.0,012.5*43
$GPGGA,082102,3452.8063,N,07438.6106,W,2,10,0.2,10,M,,M,,*6C
$HEHDT,109.9,T*2E
#
PORT 4 04-06-2014 08:21:53
$GPGLL,3452.8063,N,07438.6106,W,082102,A*35
$GPRMC,082102,A,3452.8063,N,07438.6106,W,4.6,100.8,060414,11.9,W*4E
$HEHDT,109.9,T*2E
$GPVTG,100.8,T,112.7,M,4.6,N,8.5,K*4D
$GPZDA,082102,06,04,2014,00,00*44
$GPGBS,082102,002.2,005.0,002.0,04,0.05,0016.7,012.5*48
$GPGGA,082103,3452.8059,N,07438.6090,W,2,10,0.3,10,M,,M,,*6B
$HEHDT,110.2,T*2D
PORT 12000 04-06-2014 08:21:53
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PORT 4 04-06-2014 08:21:54
$GPGLL,3452.8059,N,07438.6090,W,082103,A*33
$GPRMC,082103,A,3452.8059,N,07438.6090,W,4.6,101.5,060414,11.9,W*44
$GPVTG,101.5,T,113.4,M,4.6,N,8.5,K*43
$GPZDA,082103,06,04,2014,00,00*45
$HEHDT,110.4,T*2B
$GPGBS,082103,001.5,003.3,001.3,04,0.05,0016.3,012.5*4C
$GPGGA,082104,3452.8055,N,07438.6073,W,2,9,0.3,10,M,,M,,*55
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PORT 4 04-06-2014 08:21:55
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$GPGLL,3452.8055,N,07438.6073,W,082104,A*35
$GPRMC,082104,A,3452.8055,N,07438.6073,W,4.6,102.5,060414,11.9,W*41
$GPVTG,102.5,T,114.4,M,4.6,N,8.5,K*47
$GPZDA,082104,06,04,2014,00,00*42
$GPGBS,082104,,,,,,,,*4E

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\$GPGGA,082105,3452.8052,N,07438.6056,W,2,9,0.3,9,M,,M,,*6C
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PORT 4 04-06-2014 08:21:56

\$GPGLL,3452.8052,N,07438.6056,W,082105,A*34
\$HEHDT,111.0,T*2E
\$GPRMC,082105,A,3452.8052,N,07438.6056,W,4.6,103.1,060414,11.9,w*45
\$GPVTG,103.1,T,115.0,M,4.6,N,8.5,K*47
\$GPZDA,082105,06,04,2014,00,00*43
\$GPGBS,082105,,,,,,,,*4F
\$GPGGA,082106,3452.8049,N,07438.6039,W,2,8,0.3,9,M,,M,,*6D
\$HEHDT,111.7,T*29

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PORT 4 04-06-2014 08:21:57

\$GPGLL,3452.8049,N,07438.6039,W,082106,A*34
\$GPRMC,082106,A,3452.8049,N,07438.6039,W,4.6,103.2,060414,11.9,w*46
\$HEHDT,111.1,T*2F
\$GPVTG,103.2,T,115.1,M,4.6,N,8.5,K*45
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\$GPGBS,082106,,,,,,,,*4C
\$GPGGA,082107,3452.8050,N,07438.6021,W,2,8,0.3,9,M,,M,,*6D
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PORT 4 04-06-2014 08:21:58

\$GPGLL,3452.8050,N,07438.6021,W,082107,A*34
\$GPRMC,082107,A,3452.8050,N,07438.6021,W,4.6,102.7,060414,11.9,w*42
\$GPVTG,102.7,T,114.6,M,4.6,N,8.5,K*47
\$HEHDT,111.7,T*29
\$GPZDA,082107,06,04,2014,00,00*41
\$GPGBS,082107,,,,,,,,*4D
\$GPGGA,082108,3452.8048,N,07438.6003,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,111.8,T*26
\$GPGLL,3452.8048,N,07438.6003,W,082108,A*32
\$GPRMC,082108,A,3452.8048,N,07438.6003,W,4.7,101.0,060414,11.9,w*41
\$GPVTG,101.0,T,112.9,M,4.7,N,8.7,K*49
\$GPZDA,082108,06,04,2014,00,00*4E
\$HEHDT,112.0,T*2D
\$GPGBS,082108,,,,,,,,*42
\$GPGGA,082109,3452.8046,N,07438.5986,W,2,9,0.3,9,M,,M,,*62

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PORT 4 04-06-2014 08:21:59

\$HEHDT,111.9,T*27
\$GPGLL,3452.8046,N,07438.5986,W,082109,A*3A
\$GPRMC,082109,A,3452.8046,N,07438.5986,W,4.7,99.7,060414,11.9,w*7E
\$GPVTG,99.7,T,111.6,M,4.7,N,8.7,K*72
\$GPZDA,082109,06,04,2014,00,00*4F
\$GPGBS,082109,,,,,,,,*43
\$GPGGA,082110,3452.8042,N,07438.5970,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,112.3,T*2E

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PORT 4 04-06-2014 08:22:00

\$GPGLL,3452.8042,N,07438.5970,W,082110,A*3F
\$HEHDT,112.2,T*2F
\$GPRMC,082110,A,3452.8042,N,07438.5970,W,4.7,99.8,060414,11.9,w*74
\$GPVTG,99.8,T,111.7,M,4.7,N,8.7,K*7C
\$GPZDA,082110,06,04,2014,00,00*47
\$GPGBS,082110,,,,,,,,*4B
\$GPGGA,082111,3452.8038,N,07438.5955,W,2,9,0.3,9,M,,M,,*6C
\$HEHDT,113.0,T*2C

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PORT 4 04-06-2014 08:22:02

\$HEHDT,112.6,T*2B
\$GPGLL,3452.8038,N,07438.5955,W,082111,A*34

S01_C04_survey.Log

\$GPRMC,082111,A,3452.8038,N,07438.5955,W,4.6,101.0,060414,11.9,w*46
\$GPVTG,101.0,T,112.9,M,4.6,N,8.5,K*4A
\$GPZDA,082111,06,04,2014,00,00*46
\$GPGBS,082111,,,,,,,,*4A
\$HEHDT,112.6,T*2B
\$GPGGA,082112,3452.8033,N,07438.5942,W,2,8,0.3,9,M,,M,,*63

PORT 4 04-06-2014 08:22:03
\$GPGLL,3452.8033,N,07438.5942,W,082112,A*3A
\$GPRMC,082112,A,3452.8033,N,07438.5942,W,4.6,102.8,060414,11.9,w*43
\$GPVTG,102.8,T,114.7,M,4.6,N,8.5,K*49
\$HEHDT,112.6,T*2B
\$GPZDA,082112,06,04,2014,00,00*45
\$GPGBS,082112,000.4,003.2,000.0,04,0.05,0022.1,012.5*4A
\$GPGGA,082113,3452.8027,N,07438.5926,W,2,8,0.3,9,M,,M,,*65
\$HEHDT,112.3,T*2E
PORT 12000 04-06-2014 08:22:03
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:22:04
\$GPGLL,3452.8027,N,07438.5926,W,082113,A*3C
\$GPRMC,082113,A,3452.8027,N,07438.5926,W,4.6,104.9,060414,11.9,w*42
\$GPVTG,104.9,T,116.8,M,4.6,N,8.5,K*43
\$HEHDT,112.9,T*24
\$GPZDA,082113,06,04,2014,00,00*44
\$GPGBS,082113,,,,,,,,*48
\$GPGGA,082114,3452.8024,N,07438.5912,W,2,10,0.2,9,M,,M,,*5E
\$HEHDT,113.3,T*2F

PORT 4 04-06-2014 08:22:05
\$GPGLL,3452.8024,N,07438.5912,W,082114,A*3F
\$GPRMC,082114,A,3452.8024,N,07438.5912,W,4.6,106.1,060414,11.9,w*4B
\$GPVTG,106.1,T,118.0,M,4.6,N,8.5,K*4F
\$GPZDA,082114,06,04,2014,00,00*43
\$HEHDT,113.3,T*2F
\$GPGBS,082114,000.0,002.2,000.5,04,0.05,0013.3,012.5*4C
\$GPGGA,082115,3452.8022,N,07438.5898,W,2,10,0.3,9,M,,M,,*5B

PORT 4 04-06-2014 08:22:07
\$HEHDT,114.0,T*2B
\$GPGLL,3452.8022,N,07438.5898,W,082115,A*3B
\$GPRMC,082115,A,3452.8022,N,07438.5898,W,4.6,106.4,060414,11.9,w*4A
\$GPVTG,106.4,T,118.3,M,4.6,N,8.5,K*49
\$GPZDA,082115,06,04,2014,00,00*42
\$HEHDT,113.7,T*2B
\$GPGBS,082115,000.1,001.9,000.3,04,0.05,0012.1,012.5*41
\$GPGGA,082116,3452.8022,N,07438.5881,W,2,9,0.3,9,M,,M,,*68
\$GPGLL,3452.8022,N,07438.5881,W,082116,A*30
\$GPRMC,082116,A,3452.8022,N,07438.5881,W,4.6,105.7,060414,11.9,w*41
\$HEHDT,114.0,T*2B
\$GPVTG,105.7,T,117.6,M,4.6,N,8.5,K*43
\$GPZDA,082116,06,04,2014,00,00*41
\$GPGBS,082116,000.0,001.9,000.5,04,0.05,0015.1,012.5*42
\$GPGGA,082117,3452.8020,N,07438.5863,W,2,9,0.2,9,M,,M,,*66
\$HEHDT,114.0,T*2B

PORT 4 04-06-2014 08:22:08
\$GPGLL,3452.8020,N,07438.5863,W,082117,A*3F
\$GPRMC,082117,A,3452.8020,N,07438.5863,W,4.6,103.8,060414,11.9,w*47
\$HEHDT,114.3,T*28
\$GPVTG,103.8,T,115.7,M,4.6,N,8.5,K*49
\$GPZDA,082117,06,04,2014,00,00*40
\$GPGBS,082117,,,,,,,,*4C

S01_C04_survey.Log

\$GPGGA,082118,3452.8018,N,07438.5846,W,2,8,0.3,9,M,,M,,*65
\$HEHDT,114.7,T*2C

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PORT 4 04-06-2014 08:22:09

\$GPGLL,3452.8018,N,07438.5846,W,082118,A*3C
\$GPRMC,082118,A,3452.8018,N,07438.5846,W,4.8,101.9,060414,11.9,W*49
\$GPVTG,101.9,T,113.8,M,4.8,N,8.9,K*41
\$GPZDA,082118,06,04,2014,00,00*4F
\$HEHDT,114.6,T*2D
\$GPGBS,082118,000.0,001.8,000.5,04,0.05,0008.4,012.5*44
\$GPGGA,082119,3452.8015,N,07438.5831,W,2,8,0.2,9,M,,M,,*68

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PORT 5 04-06-2014 08:22:11

IN

PORT 4 04-06-2014 08:22:11

\$GPGLL,3452.8015,N,07438.5831,W,082119,A*30
\$GPRMC,082119,A,3452.8015,N,07438.5831,W,4.8,101.1,060414,11.9,W*4D
\$GPVTG,101.1,T,113.0,M,4.8,N,8.9,K*41
\$GPZDA,082119,06,04,2014,00,00*4E
\$HEHDT,114.7,T*2C
\$GPGBS,082119,,,,,,*42
\$GPGGA,082120,3452.8010,N,07438.5818,W,2,9,0.3,9,M,,M,,*6C
\$GPGLL,3452.8010,N,07438.5818,W,082120,A*34
\$HEHDT,114.5,T*2E
\$GPRMC,082120,A,3452.8010,N,07438.5818,W,4.8,101.7,060414,11.9,W*4F
\$GPVTG,101.7,T,113.6,M,4.8,N,8.9,K*41
\$GPZDA,082120,06,04,2014,00,00*44
\$GPGBS,082120,,,,,,*48
\$GPGGA,082121,3452.8004,N,07438.5804,W,2,9,0.2,9,M,,M,,*64
\$HEHDT,114.3,T*28

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PORT 4 04-06-2014 08:22:12

\$GPGLL,3452.8004,N,07438.5804,W,082121,A*3D
\$GPRMC,082121,A,3452.8004,N,07438.5804,W,4.6,103.8,060414,11.9,W*45
\$HEHDT,114.3,T*28
\$GPVTG,103.8,T,115.7,M,4.6,N,8.5,K*49
\$GPZDA,082121,06,04,2014,00,00*45
\$GPGBS,082121,,,,,,*49
\$GPGGA,082122,3452.7997,N,07438.5788,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,114.2,T*29

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PORT 4 04-06-2014 08:22:13

\$GPGLL,3452.7997,N,07438.5788,W,082122,A*39
\$HEHDT,114.8,T*23
\$GPRMC,082122,A,3452.7997,N,07438.5788,W,4.6,106.9,060414,11.9,W*45
\$GPVTG,106.9,T,118.8,M,4.6,N,8.5,K*4F
\$GPZDA,082122,06,04,2014,00,00*46
\$GPGBS,082122,,,,,,*4A
\$GPGGA,082123,3452.7993,N,07438.5772,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,115.7,T*2D

PORT 12000 04-06-2014 08:22:13

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 5 04-06-2014 08:22:14

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PORT 4 04-06-2014 08:22:14

\$GPGLL,3452.7993,N,07438.5772,W,082123,A*39
\$HEHDT,114.8,T*23
\$GPRMC,082123,A,3452.7993,N,07438.5772,W,4.6,108.2,060414,11.9,W*40
\$GPVTG,108.2,T,120.1,M,4.6,N,8.5,K*48
\$GPZDA,082123,06,04,2014,00,00*47
\$GPGBS,082123,000.1,001.9,000.7,04,0.05,0016.9,012.5*4C

S01_C04_survey.Log

\$GPGGA,082124,3452.7990,N,07438.5758,W,2,10,0.2,9,M,,M,,*54
\$HEHDT,115.0,T*2A

PORT 4 04-06-2014 08:22:15
\$GPGLL,3452.7990,N,07438.5758,W,082124,A*35
\$GPRMC,082124,A,3452.7990,N,07438.5758,W,4.6,108.2,060414,11.9,W*4C
\$HEHDT,115.0,T*2A
\$GPVTG,108.2,T,120.1,M,4.6,N,8.5,K*48
\$GPZDA,082124,06,04,2014,00,00*40
\$GPGBS,082124,000.0,003.2,000.2,04,0.05,0014.8,012.5*45
\$GPGGA,082125,3452.7986,N,07438.5744,W,2,10,0.2,9,M,,M,,*5F
\$HEHDT,114.1,T*2A

PORT 4 04-06-2014 08:22:16
\$GPGLL,3452.7986,N,07438.5744,W,082125,A*3E
\$GPRMC,082125,A,3452.7986,N,07438.5744,W,4.6,108.2,060414,11.9,W*47
\$GPVTG,108.2,T,120.1,M,4.6,N,8.5,K*48
\$HEHDT,114.5,T*2E
\$GPZDA,082125,06,04,2014,00,00*41
\$GPGBS,082125,000.2,003.2,001.2,04,0.05,0016.0,012.5*4D
\$GPGGA,082126,3452.7984,N,07438.5728,W,2,10,0.2,9,M,,M,,*54
\$GPGLL,3452.7984,N,07438.5728,W,082126,A*35
\$HEHDT,114.7,T*2C
\$GPRMC,082126,A,3452.7984,N,07438.5728,W,4.7,107.8,060414,11.9,W*48
\$GPVTG,107.8,T,119.7,M,4.7,N,8.7,K*42
\$GPZDA,082126,06,04,2014,00,00*42
\$GPGBS,082126,000.3,003.5,001.5,04,0.05,0016.8,012.5*47
\$GPGGA,082127,3452.7982,N,07438.5710,W,2,10,0.3,9,M,,M,,*59
\$HEHDT,115.5,T*2F

PORT 4 04-06-2014 08:22:17
\$GPGLL,3452.7982,N,07438.5710,W,082127,A*39
\$GPRMC,082127,A,3452.7982,N,07438.5710,W,4.7,106.4,060414,11.9,W*49
\$HEHDT,115.2,T*28
\$GPVTG,106.4,T,118.3,M,4.7,N,8.7,K*4A
\$GPZDA,082127,06,04,2014,00,00*43
\$GPGBS,082127,,,,,,*4F
\$GPGGA,082128,3452.7980,N,07438.5692,W,2,8,0.3,9,M,,M,,*66
\$HEHDT,115.5,T*2F

PORT 4 04-06-2014 08:22:19
\$GPGLL,3452.7980,N,07438.5692,W,082128,A*3F
\$GPRMC,082128,A,3452.7980,N,07438.5692,W,4.7,104.7,060414,11.9,W*4E
\$GPVTG,104.7,T,116.6,M,4.7,N,8.7,K*40
\$HEHDT,116.1,T*28
\$GPZDA,082128,06,04,2014,00,00*4C
\$GPGBS,082128,,,,,,*40
\$GPGGA,082129,3452.7979,N,07438.5673,W,2,8,0.4,9,M,,M,,*69

PORT 4 04-06-2014 08:22:20
\$HEHDT,115.1,T*2B
\$GPGLL,3452.7979,N,07438.5673,W,082129,A*37
\$GPRMC,082129,A,3452.7979,N,07438.5673,W,4.8,103.6,060414,11.9,W*4F
\$GPVTG,103.6,T,115.5,M,4.8,N,8.9,K*47
\$GPZDA,082129,06,04,2014,00,00*4D
\$GPGBS,082129,,,,,,*41
\$HEHDT,115.0,T*2A
\$GPGGA,082130,3452.7975,N,07438.5657,W,2,7,0.3,9,M,,M,,*63

PORT 4 04-06-2014 08:22:21
\$HEHDT,114.9,T*22
\$GPGLL,3452.7975,N,07438.5657,W,082130,A*35
\$GPRMC,082130,A,3452.7975,N,07438.5657,W,4.9,103.0,060414,11.9,W*4A

S01_C04_survey.Log

\$GPVTG,103.0,T,114.9,M,4.9,N,9.1,K*44
\$GPZDA,082130,06,04,2014,00,00*45
\$HEHDT,114.8,T*23
\$GPGBS,082130,,,,,,*49
\$GPGGA,082131,3452.7968,N,07438.5643,W,2,7,0.4,9,M,,M,,*6C

PORT 4 04-06-2014 08:22:22
\$HEHDT,115.5,T*2F
\$GPGLL,3452.7968,N,07438.5643,W,082131,A*3D
\$GPRMC,082131,A,3452.7968,N,07438.5643,W,4.9,103.8,060414,11.9,w*4A
\$GPVTG,103.8,T,115.7,M,4.9,N,9.1,K*43
\$GPZDA,082131,06,04,2014,00,00*44
\$GPGBS,082131,,,,,,*48
\$GPGGA,082132,3452.7959,N,07438.5631,W,2,6,0.4,9,M,,M,,*69
\$HEHDT,115.9,T*23

PORT 4 04-06-2014 08:22:23
\$GPGLL,3452.7959,N,07438.5631,W,082132,A*39
\$HEHDT,116.3,T*2A
\$GPRMC,082132,A,3452.7959,N,07438.5631,W,4.8,106.8,060414,11.9,w*4A
\$GPVTG,106.8,T,118.7,M,4.8,N,8.9,K*43
\$GPZDA,082132,06,04,2014,00,00*47
\$GPGBS,082132,,,,,,*4B
\$GPGGA,082133,3452.7952,N,07438.5618,W,2,6,0.3,9,M,,M,,*6F
\$HEHDT,116.5,T*2C
PORT 12000 04-06-2014 08:22:23
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:22:24
\$GPGLL,3452.7952,N,07438.5618,W,082133,A*38
\$GPRMC,082133,A,3452.7952,N,07438.5618,W,4.6,110.3,060414,11.9,w*49
\$HEHDT,116.0,T*29
\$GPVTG,110.3,T,122.2,M,4.6,N,8.5,K*41
\$GPZDA,082133,06,04,2014,00,00*46
\$GPGBS,082133,,,,,,*4A
\$GPGGA,082134,3452.7948,N,07438.5600,W,2,6,0.3,9,M,,M,,*6A
\$HEHDT,115.8,T*22

PORT 4 04-06-2014 08:22:25
\$GPGLL,3452.7948,N,07438.5600,W,082134,A*3D
\$GPRMC,082134,A,3452.7948,N,07438.5600,W,4.6,111.9,060414,11.9,w*47
\$GPVTG,111.9,T,123.8,M,4.6,N,8.5,K*41
\$HEHDT,115.5,T*2F
\$GPZDA,082134,06,04,2014,00,00*41
\$GPGBS,082134,,,,,,*4D
\$GPGGA,082135,3452.7944,N,07438.5581,W,2,6,0.3,9,M,,M,,*6D
\$HEHDT,115.3,T*29

PORT 4 04-06-2014 08:22:26
\$GPGLL,3452.7944,N,07438.5581,W,082135,A*3A
\$GPRMC,082135,A,3452.7944,N,07438.5581,W,4.7,111.5,060414,11.9,w*4D
\$GPVTG,111.5,T,123.4,M,4.7,N,8.7,K*42
\$GPZDA,082135,06,04,2014,00,00*40
\$HEHDT,115.8,T*22
\$GPGBS,082135,,,,,,*4C
\$GPGGA,082136,3452.7943,N,07438.5565,W,2,9,0.3,9,M,,M,,*6C
\$HEHDT,116.0,T*29
\$GPGLL,3452.7943,N,07438.5565,W,082136,A*34
\$GPRMC,082136,A,3452.7943,N,07438.5565,W,4.9,109.9,060414,11.9,w*48
\$GPVTG,109.9,T,121.8,M,4.9,N,9.1,K*40
\$GPZDA,082136,06,04,2014,00,00*43
\$GPGBS,082136,,,,,,*4F
\$GPGGA,082137,3452.7940,N,07438.5551,W,2,9,0.3,9,M,,M,,*69

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\$HEHDT,116.8,T*21

PORT 4 04-06-2014 08:22:27
\$GPGLL,3452.7940,N,07438.5551,W,082137,A*31
\$HEHDT,116.5,T*2C
\$GPRMC,082137,A,3452.7940,N,07438.5551,W,4.8,108.2,060414,11.9,W*46
\$GPVTG,108.2,T,120.1,M,4.8,N,8.9,K*4A
\$GPZDA,082137,06,04,2014,00,00*42
\$GPGBS,082137,,,,,,*4E
\$GPGGA,082138,3452.7935,N,07438.5536,W,2,9,0.3,9,M,,M,,*65
\$HEHDT,116.3,T*2A

PORT 4 04-06-2014 08:22:29
\$GPGLL,3452.7935,N,07438.5536,W,082138,A*3D
\$GPRMC,082138,A,3452.7935,N,07438.5536,W,4.7,107.4,060414,11.9,W*4C
\$HEHDT,116.1,T*28
\$GPVTG,107.4,T,119.3,M,4.7,N,8.7,K*4A
\$GPZDA,082138,06,04,2014,00,00*4D
\$GPGBS,082138,,,,,,*41
\$GPGGA,082139,3452.7930,N,07438.5518,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,115.9,T*23

PORT 4 04-06-2014 08:22:30
\$GPGLL,3452.7930,N,07438.5518,W,082139,A*35
\$GPRMC,082139,A,3452.7930,N,07438.5518,W,4.7,108.1,060414,11.9,W*4E
\$GPVTG,108.1,T,120.0,M,4.7,N,8.7,K*49
\$HEHDT,116.0,T*29
\$GPZDA,082139,06,04,2014,00,00*4C
\$GPGBS,082139,,,,,,*40
\$GPGGA,082140,3452.7926,N,07438.5500,W,2,8,0.3,8,M,,M,,*6D
\$HEHDT,115.7,T*2D

PORT 4 04-06-2014 08:22:31
\$GPGLL,3452.7926,N,07438.5500,W,082140,A*35
\$GPRMC,082140,A,3452.7926,N,07438.5500,W,4.9,109.0,060414,11.9,W*40
\$GPVTG,109.0,T,120.9,M,4.9,N,9.1,K*49
\$HEHDT,116.5,T*2C
\$GPZDA,082140,06,04,2014,00,00*42
\$GPGBS,082140,,,,,,*4E
\$GPGGA,082141,3452.7924,N,07438.5486,W,2,8,0.3,8,M,,M,,*61

PORT 4 04-06-2014 08:22:32
\$HEHDT,115.7,T*2D
\$GPGLL,3452.7924,N,07438.5486,W,082141,A*39
\$GPRMC,082141,A,3452.7924,N,07438.5486,W,4.9,108.3,060414,11.9,W*4E
\$GPVTG,108.3,T,120.2,M,4.9,N,9.1,K*40
\$GPZDA,082141,06,04,2014,00,00*43
\$HEHDT,116.2,T*2B
\$GPGBS,082141,000.0,002.2,000.6,04,0.05,0011.3,012.5*4D
\$GPGGA,082142,3452.7921,N,07438.5472,W,2,10,0.2,8,M,,M,,*54

PORT 4 04-06-2014 08:22:33
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\$GPZDA,082142,06,04,2014,00,00*40
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PORT 12000 04-06-2014 08:22:33
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PORT 4 04-06-2014 08:22:34
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 \$GPGGA,082144,3452.7910,N,07438.5445,W,2,10,0.2,8,M,,M,,*54
 \$GPGLL,3452.7910,N,07438.5445,W,082144,A*34
 \$GPRMC,082144,A,3452.7910,N,07438.5445,W,4.8,108.5,060414,11.9,W*44
 \$HEHDT,115.7,T*2D
 \$GPVTG,108.5,T,120.4,M,4.8,N,8.9,K*48
 \$GPZDA,082144,06,04,2014,00,00*46
 \$GPGGBS,082144,000.2,003.5,002.8,04,0.05,0017.4,012.5*41
 \$GPGGA,082145,3452.7905,N,07438.5429,W,2,10,0.3,8,M,,M,,*5A
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 PORT 4 04-06-2014 08:22:36
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 \$HEHDT,115.7,T*2D
 \$GPGGBS,082145,,,,,,*4B
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 PORT 4 04-06-2014 08:22:37
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 \$GPVTG,109.5,T,121.4,M,4.8,N,8.9,K*48
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 \$GPGGBS,082146,,,,,,*48
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 PORT 4 04-06-2014 08:22:38
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 PORT 4 04-06-2014 08:22:39
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 \$HEHDT,115.1,T*2B
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 PORT 4 04-06-2014 08:22:40
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 \$GPGLL,3452.7886,N,07438.5369,W,082149,A*3E
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 \$GPVTG,111.1,T,123.0,M,4.8,N,8.9,K*43
 \$GPZDA,082149,06,04,2014,00,00*4B

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\$GPGBS,082149,,,,,,*47
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\$GPGGA,082150,3452.7885,N,07438.5355,W,2,9,0.3,8,M,,M,,*63

PORT 4 04-06-2014 08:22:41
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\$GPZDA,082150,06,04,2014,00,00*43
\$GPGBS,082150,000.0,002.8,000.7,04,0.05,0014.3,012.5*43
\$GPGGA,082151,3452.7882,N,07438.5339,W,2,9,0.2,8,M,,M,,*6E
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PORT 4 04-06-2014 08:22:42
\$GPGLL,3452.7882,N,07438.5339,W,082151,A*36
\$GPRMC,082151,A,3452.7882,N,07438.5339,W,4.8,108.8,060414,11.9,W*4B
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\$HEHDT,115.0,T*2A
\$GPZDA,082151,06,04,2014,00,00*42
\$GPGBS,082151,000.1,002.6,000.8,04,0.05,0021.3,012.5*44
\$GPGGA,082152,3452.7878,N,07438.5320,W,2,10,0.2,8,M,,M,,*58
\$HEHDT,115.0,T*2A
\$GPGLL,3452.7878,N,07438.5320,W,082152,A*38
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PORT 12000 04-06-2014 08:22:42
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PORT 4 04-06-2014 08:22:45
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\$GPRMC,082154,A,3452.7869,N,07438.5292,W,4.9,106.6,060414,11.9,W*4A
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\$HEHDT,115.4,T*2E

PORT 4 04-06-2014 08:22:46
\$GPGLL,3452.7863,N,07438.5278,W,082155,A*39
\$GPRMC,082155,A,3452.7863,N,07438.5278,W,4.8,107.4,060414,11.9,W*47
\$GPVTG,107.4,T,119.3,M,4.8,N,8.9,K*4B
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\$GPZDA,082155,06,04,2014,00,00*46
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PORT 4 04-06-2014 08:22:47
\$GPGLL,3452.7856,N,07438.5262,W,082156,A*37

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PORT 4 04-06-2014 08:22:48
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PORT 4 04-06-2014 08:22:49
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$GPRMC,082158,A,3452.7849,N,07438.5229,W,4.8,110.3,060414,11.9,w*47
$GPVTG,110.3,T,122.2,M,4.8,N,8.9,K*43
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PORT 4 04-06-2014 08:22:50
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$GPVTG,108.9,T,120.8,M,4.8,N,8.9,K*48
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PORT 4 04-06-2014 08:22:51
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$GPRMC,082200,A,3452.7841,N,07438.5200,W,4.7,108.1,060414,11.9,w*4E
$HEHDT,114.2,T*29
$GPVTG,108.1,T,120.0,M,4.7,N,8.7,K*49
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$GPGGA,082201,3452.7834,N,07438.5181,W,2,9,0.3,8,M,,M,,*65
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PORT 4 04-06-2014 08:22:52
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$GPZDA,082201,06,04,2014,00,00*44
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PORT 12000 04-06-2014 08:22:52
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PORT 4 04-06-2014 08:22:53
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PORT 4 04-06-2014 08:22:55
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PORT 4 04-06-2014 08:22:56
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\$GPGLL,3452.7820,N,07438.5111,W,082205,A*34
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PORT 4 04-06-2014 08:22:57
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\$GPVTG,105.1,T,117.0,M,4.9,N,9.1,K*49
\$HEHDT,114.7,T*2C
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PORT 5 04-06-2014 08:22:59
IN
PORT 4 04-06-2014 08:22:59
\$HEHDT,114.6,T*2D
\$GPGLL,3452.7816,N,07438.5097,W,082206,A*3D
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\$HEHDT,114.7,T*2C
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\$GPVTG,105.1,T,117.0,M,4.9,N,9.1,K*49
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\$GPVTG,105.6,T,117.5,M,4.8,N,8.9,K*43
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\$GPGBS,082208,,,,,,,,*41
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PORT 4 04-06-2014 08:23:00
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PORT 4 04-06-2014 08:23:01
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\$HEHDT,114.5,T*2E

PORT 5 04-06-2014 08:23:02
04067 mS
*
PORT 4 04-06-2014 08:23:02
\$GPGLL,3452.7792,N,07438.5026,W,082211,A*32
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\$HEHDT,114.9,T*22
\$GPVTG,110.2,T,122.1,M,4.7,N,8.7,K*40
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\$GPGLL,3452.7791

PORT 4 04-06-2014 08:23:03
\$GPGLL,3452.7792,N,07438.5026,W,082211,A*32
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\$HEHDT,114.9,T*22
\$GPVTG,110.2,T,122.1,M,4.7,N,8.7,K*40
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\$GPGLL,3452.7791,N,07438.5007,W,082212,A*31
\$GPRMC,082212,A,3452.7791,N,07438.5007,W,4.7,108.4,060414,11.9,W*4F
\$GPVTG,108.4,T,120.3,M,4.7,N,8.7,K*4F
\$GPZDA,082212,06,04,2014,00,00*46
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\$GPGGA,082213,3452.7788,N,07438.4989,W,2,10,0.3,9,M,,M,,*56
\$HEHDT,115.1,T*2B
\$GPGLL,3452.7788,N,07438.4989,W,082213,A*36
\$GPRMC,082213,A,3452.7788,N,07438.4989,W,4.8,106.0,060414,11.9,W*4D
\$GPVTG,106.0,T,117.9,M,4.8,N,8.9,K*4A
\$GPZDA,082213,06,04,2014,00,00*47

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\$GPGBS,082213,,,,,,,,*4B
\$GPGGA,082214,3452.7784,N,07438.4972,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,114.7,T*2C
PORT 12000 04-06-2014 08:23:03
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:23:04
\$GPGLL,3452.7784,N,07438.4972,W,082214,A*39
\$HEHDT,115.0,T*2A
\$GPRMC,082214,A,3452.7784,N,07438.4972,W,4.8,105.2,060414,11.9,w*43
\$GPVTG,105.2,T,117.1,M,4.8,N,8.9,K*43
\$GPZDA,082214,06,04,2014,00,00*40
\$GPGBS,082214,,,,,,,,*4C
\$GPGGA,082215,3452.7780,N,07438.4954,W,2,9,0.3,9,M,,M,,*60
\$HEHDT,116.2,T*2B

PORT 4 04-06-2014 08:23:06
\$GPGLL,3452.7780,N,07438.4954,W,082215,A*38
\$GPRMC,082215,A,3452.7780,N,07438.4954,W,4.9,105.6,060414,11.9,w*47
\$HEHDT,116.1,T*28
\$GPVTG,105.6,T,117.5,M,4.9,N,9.1,K*4B
\$GPZDA,082215,06,04,2014,00,00*41
\$GPGBS,082215,,,,,,,,*4D
\$GPGGA,082216,3452.7777,N,07438.4940,W,2,9,0.3,9,M,,M,,*6E
\$HEHDT,117.1,T*29

PORT 4 04-06-2014 08:23:07
\$GPGLL,3452.7777,N,07438.4940,W,082216,A*36
\$GPRMC,082216,A,3452.7777,N,07438.4940,W,4.9,105.7,060414,11.9,w*48
\$HEHDT,117.3,T*2B
\$GPVTG,105.7,T,117.6,M,4.9,N,9.1,K*49
\$GPZDA,082216,06,04,2014,00,00*42
\$GPGBS,082216,,,,,,,,*4E
\$GPGGA,082217,3452.7773,N,07438.4925,W,2,9,0.3,9,M,,M,,*68
\$HEHDT,117.1,T*29

PORT 4 04-06-2014 08:23:08
\$GPGLL,3452.7773,N,07438.4925,W,082217,A*30
\$GPRMC,082217,A,3452.7773,N,07438.4925,W,4.8,105.8,060414,11.9,w*40
\$GPVTG,105.8,T,117.7,M,4.8,N,8.9,K*4F
\$HEHDT,117.7,T*2F
\$GPZDA,082217,06,04,2014,00,00*43
\$GPGBS,082217,,,,,,,,*4F
\$GPGGA,082218,3452.7768,N,07438.4908,W,2,9,0.3,9,M,,M,,*62
\$HEHDT,117.9,T*21

PORT 4 04-06-2014 08:23:09
\$GPGLL,3452.7768,N,07438.4908,W,082218,A*3A
\$GPRMC,082218,A,3452.7768,N,07438.4908,W,4.7,106.0,060414,11.9,w*4E
\$GPVTG,106.0,T,117.9,M,4.7,N,8.7,K*4B
\$GPZDA,082218,06,04,2014,00,00*4C
\$HEHDT,117.5,T*2D
\$GPGBS,082218,,,,,,,,*40
\$GPGGA,082219,3452.7764,N,07438.4895,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,117.6,T*2E

PORT 4 04-06-2014 08:23:11
\$GPGLL,3452.7764,N,07438.4895,W,082219,A*32
\$GPRMC,082219,A,3452.7764,N,07438.4895,W,4.8,106.3,060414,11.9,w*4A
\$GPVTG,106.3,T,118.2,M,4.8,N,8.9,K*4D
\$GPZDA,082219,06,04,2014,00,00*4D
\$HEHDT,117.9,T*21
\$GPGBS,082219,000.5,004.7,000.2,04,0.05,0024.4,012.5*40

S01_C04_survey.Log

\$GPGGA,082220,3452.7758,N,07438.4883,W,2,10,0.2,9,M,,M,,*51
\$GPGLL,3452.7758,N,07438.4883,W,082220,A*30
\$HEHDT,117.4,T*2C
\$GPRMC,082220,A,3452.7758,N,07438.4883,W,4.8,106.6,060414,11.9,W*4D
\$GPVTG,106.6,T,118.5,M,4.8,N,8.9,K*4F
\$GPZDA,082220,06,04,2014,00,00*47
\$GPGBS,082220,000.4,003.3,000.1,04,0.05,0026.1,012.5*4C
\$GPGGA,082221,3452.7751,N,07438.4868,W,2,10,0.2,9,M,,M,,*5C
\$HEHDT,118.3,T*24

PORT 4 04-06-2014 08:23:12
\$GPGLL,3452.7751,N,07438.4868,W,082221,A*3D
\$GPRMC,082221,A,3452.7751,N,07438.4868,W,4.8,108.1,060414,11.9,W*49
\$HEHDT,118.7,T*20
\$GPVTG,108.1,T,120.0,M,4.8,N,8.9,K*48
\$GPZDA,082221,06,04,2014,00,00*46
\$GPGBS,082221,,,,,,*4A
\$GPGGA,082222,3452.7745,N,07438.4854,W,2,9,0.3,9,M,,M,,*6C
\$HEHDT,119.7,T*21

PORT 4 04-06-2014 08:23:13
\$GPGLL,3452.7745,N,07438.4854,W,082222,A*34
\$GPRMC,082222,A,3452.7745,N,07438.4854,W,4.7,110.0,060414,11.9,W*47
\$GPVTG,110.0,T,121.9,M,4.7,N,8.7,K*49
\$HEHDT,119.6,T*20
\$GPZDA,082222,06,04,2014,00,00*45
\$GPGBS,082222,,,,,,*49
\$GPGGA,082223,3452.7740,N,07438.4838,W,2,9,0.3,9,M,,M,,*62
PORT 12000 04-06-2014 08:23:13
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PORT 4 04-06-2014 08:23:14
\$HEHDT,120.3,T*2F
\$GPGLL,3452.7740,N,07438.4838,W,082223,A*3A
\$GPRMC,082223,A,3452.7740,N,07438.4838,W,4.6,111.4,060414,11.9,W*4D
\$GPVTG,111.4,T,123.3,M,4.6,N,8.5,K*47
\$GPZDA,082223,06,04,2014,00,00*44
\$GPGBS,082223,,,,,,*48
\$HEHDT,119.8,T*2E
\$GPGGA,082224,3452.7737,N,07438.4820,W,2,9,0.3,9,M,,M,,*6C

PORT 4 04-06-2014 08:23:15
\$HEHDT,119.3,T*25
\$GPGLL,3452.7737,N,07438.4820,W,082224,A*34
\$GPRMC,082224,A,3452.7737,N,07438.4820,W,4.6,111.7,060414,11.9,W*40
\$GPVTG,111.7,T,123.6,M,4.6,N,8.5,K*41
\$GPZDA,082224,06,04,2014,00,00*43
\$GPGBS,082224,,,,,,*4F
\$HEHDT,119.4,T*22
\$GPGGA,082225,3452.7735,N,07438.4803,W,2,9,0.3,9,M,,M,,*6E

PORT 4 04-06-2014 08:23:16
\$GPGLL,3452.7735,N,07438.4803,W,082225,A*36
\$HEHDT,120.5,T*29
\$GPRMC,082225,A,3452.7735,N,07438.4803,W,4.8,109.9,060414,11.9,W*4B
\$GPVTG,109.9,T,121.8,M,4.8,N,8.9,K*48
\$GPZDA,082225,06,04,2014,00,00*42
\$GPGBS,082225,000.5,003.1,000.2,04,0.05,0015.7,012.5*4F
\$GPGGA,082226,3452.7733,N,07438.4787,W,2,10,0.2,9,M,,M,,*51
\$HEHDT,120.4,T*28

PORT 4 04-06-2014 08:23:17
\$GPGLL,3452.7733,N,07438.4787,W,082226,A*30

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\$GPRMC,082226,A,3452.7733,N,07438.4787,W,4.8,107.1,060414,11.9,w*4B
\$HEHDT,121.1,T*2C
\$GPVTG,107.1,T,119.0,M,4.8,N,8.9,K*4D
\$GPZDA,082226,06,04,2014,00,00*41
\$GPGBS,082226,,,,,,,,*4D
\$GPGGA,082227,3452.7727,N,07438.4772,W,2,10,0.3,9,M,,M,,*5E
\$HEHDT,121.5,T*28

PORT 4 04-06-2014 08:23:18
\$GPGLL,3452.7727,N,07438.4772,W,082227,A*3E
\$GPRMC,082227,A,3452.7727,N,07438.4772,W,4.8,105.8,060414,11.9,w*4E
\$GPVTG,105.8,T,117.7,M,4.8,N,8.9,K*4F
\$HEHDT,121.8,T*25
\$GPZDA,082227,06,04,2014,00,00*40
\$GPGBS,082227,,,,,,,,*4C
\$GPGGA,082228,3452.7719,N,07438.4759,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,121.2,T*2F

PORT 4 04-06-2014 08:23:19
\$GPGLL,3452.7719,N,07438.4759,W,082228,A*35
\$GPRMC,082228,A,3452.7719,N,07438.4759,W,4.8,107.2,060414,11.9,w*4D
\$GPVTG,107.2,T,119.1,M,4.8,N,8.9,K*4F
\$GPZDA,082228,06,04,2014,00,00*4F
\$HEHDT,121.3,T*2E
\$GPGBS,082228,,,,,,,,*43
\$GPGGA,082229,3452.7711,N,07438.4745,W,2,9,0.3,10,M,,M,,*51

PORT 4 04-06-2014 08:23:20
\$HEHDT,121.4,T*29
\$GPGLL,3452.7711,N,07438.4745,W,082229,A*31
\$GPRMC,082229,A,3452.7711,N,07438.4745,W,4.7,110.4,060414,11.9,w*46
\$GPVTG,110.4,T,122.3,M,4.7,N,8.7,K*44
\$HEHDT,122.0,T*2E
\$GPZDA,082229,06,04,2014,00,00*4E
\$GPGBS,082229,,,,,,,,*42
\$GPGGA,082230,3452.7706,N,07438.4732,W,2,9,0.3,10,M,,M,,*5F

PORT 4 04-06-2014 08:23:21
\$HEHDT,121.9,T*24
\$GPGLL,3452.7706,N,07438.4732,W,082230,A*3F
\$GPRMC,082230,A,3452.7706,N,07438.4732,W,4.6,113.0,060414,11.9,w*4E
\$GPVTG,113.0,T,124.9,M,4.6,N,8.5,K*4C
\$GPZDA,082230,06,04,2014,00,00*46
\$GPGBS,082230,000.4,001.9,000.1,04,0.05,0011.7,012.5*47
\$HEHDT,121.8,T*25
\$GPGGA,082231,3452.7702,N,07438.4719,W,2,9,0.3,10,M,,M,,*53

PORT 4 04-06-2014 08:23:22
\$GPGLL,3452.7702,N,07438.4719,W,082231,A*33
\$HEHDT,121.7,T*2A
\$GPRMC,082231,A,3452.7702,N,07438.4719,W,4.6,113.0,060414,11.9,w*42
\$GPVTG,113.0,T,124.9,M,4.6,N,8.5,K*4C
\$GPZDA,082231,06,04,2014,00,00*47
\$GPGBS,082231,000.1,001.9,000.3,04,0.05,0012.1,012.5*44
\$GPGGA,082232,3452.7695,N,07438.4704,W,2,9,0.3,10,M,,M,,*53
\$HEHDT,121.1,T*2C

PORT 4 04-06-2014 08:23:23
\$GPGLL,3452.7695,N,07438.4704,W,082232,A*33
\$GPRMC,082232,A,3452.7695,N,07438.4704,W,4.5,113.1,060414,11.9,w*40
\$GPVTG,113.1,T,125.0,M,4.5,N,8.3,K*40
\$HEHDT,121.1,T*2C
\$GPZDA,082232,06,04,2014,00,00*44

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\$GPGBS,082232,000.0,003.3,000.7,04,0.05,0013.6,012.5*4C
\$GPGGA,082233,3452.7688,N,07438.4687,W,2,9,0.3,10,M,,M,,*54
\$HEHDT,121.0,T*2D
PORT 12000 04-06-2014 08:23:23
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PORT 4 04-06-2014 08:23:24
\$GPGLL,3452.7688,N,07438.4687,W,082233,A*34
\$GPRMC,082233,A,3452.7688,N,07438.4687,W,4.6,113.7,060414,11.9,w*42
\$GPVTG,113.7,T,125.6,M,4.6,N,8.5,K*45
\$GPZDA,082233,06,04,2014,00,00*45
\$HEHDT,121.6,T*2B
\$GPGBS,082233,,,,,,,,*49
\$GPGGA,082234,3452.7683,N,07438.4673,W,2,9,0.3,10,M,,M,,*53
\$HEHDT,121.6,T*2B

PORT 4 04-06-2014 08:23:25
\$GPGLL,3452.7683,N,07438.4673,W,082234,A*33
\$GPRMC,082234,A,3452.7683,N,07438.4673,W,4.8,114.7,060414,11.9,w*4C
\$GPVTG,114.7,T,126.6,M,4.8,N,8.9,K*43
\$HEHDT,122.4,T*2A
\$GPZDA,082234,06,04,2014,00,00*42
\$GPGBS,082234,,,,,,,,*4E
\$GPGGA,082235,3452.7680,N,07438.4661,W,2,9,0.3,10,M,,M,,*52

PORT 4 04-06-2014 08:23:27
\$HEHDT,122.4,T*2A
\$GPGLL,3452.7680,N,07438.4661,W,082235,A*32
\$GPRMC,082235,A,3452.7680,N,07438.4661,W,4.6,113.5,060414,11.9,w*46
\$GPVTG,113.5,T,125.4,M,4.6,N,8.5,K*45
\$GPZDA,082235,06,04,2014,00,00*43
\$GPGBS,082235,000.5,003.3,001.8,04,0.05,0023.6,012.5*43
\$HEHDT,122.6,T*28
\$GPGGA,082236,3452.7677,N,07438.4645,W,2,9,0.3,10,M,,M,,*5F
\$GPGLL,3452.7677,N,07438.4645,W,082236,A*3F
\$GPRMC,082236,A,3452.7677,N,07438.4645,W,4.6,113.5,060414,11.9,w*4B
\$HEHDT,122.6,T*28
\$GPVTG,113.5,T,125.4,M,4.6,N,8.5,K*45
\$GPZDA,082236,06,04,2014,00,00*40
\$GPGBS,082236,,,,,,,,*4C
\$GPGGA,082237,3452.7673,N,07438.4627,W,2,9,0.3,10,M,,M,,*5E
\$HEHDT,122.4,T*2A

PORT 4 04-06-2014 08:23:28
\$GPGLL,3452.7673,N,07438.4627,W,082237,A*3E
\$GPRMC,082237,A,3452.7673,N,07438.4627,W,4.6,111.7,060414,11.9,w*4A
\$HEHDT,122.0,T*2E
\$GPVTG,111.7,T,123.6,M,4.6,N,8.5,K*41
\$GPZDA,082237,06,04,2014,00,00*41
\$GPGBS,082237,,,,,,,,*4D
\$GPGGA,082238,3452.7668,N,07438.4612,W,2,9,0.3,10,M,,M,,*5D
\$HEHDT,122.2,T*2C

PORT 4 04-06-2014 08:23:29
\$GPGLL,3452.7668,N,07438.4612,W,082238,A*3D
\$GPRMC,082238,A,3452.7668,N,07438.4612,W,4.7,111.0,060414,11.9,w*4F
\$GPVTG,111.0,T,122.9,M,4.7,N,8.7,K*4B
\$GPZDA,082238,06,04,2014,00,00*4E
\$HEHDT,121.3,T*2E
\$GPGBS,082238,,,,,,,,*42
\$GPGGA,082239,3452.7662,N,07438.4598,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,121.7,T*2A
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PORT 4 04-06-2014 08:23:30
\$GPGLL,3452.7662,N,07438.4598,W,082239,A*37
\$GPRMC,082239,A,3452.7662,N,07438.4598,W,4.7,111.6,060414,11.9,w*43
\$GPVTG,111.6,T,123.5,M,4.7,N,8.7,K*40
\$GPZDA,082239,06,04,2014,00,00*4F
\$GPGBS,082239,,,,,,*43
\$HEHDT,122.0,T*2E
\$GPGGA,082240,3452.7656,N,07438.4585,W,2,8,0.3,10,M,,M,,*53

PORT 4 04-06-2014 08:23:31
\$HEHDT,122.5,T*2B
\$GPGLL,3452.7656,N,07438.4585,W,082240,A*32
\$GPRMC,082240,A,3452.7656,N,07438.4585,W,4.6,112.6,060414,11.9,w*44
\$GPVTG,112.6,T,124.5,M,4.6,N,8.5,K*47
\$GPZDA,082240,06,04,2014,00,00*41
\$GPGBS,082240,,,,,,*4D
\$GPGGA,082241,3452.7650,N,07438.4572,W,2,8,0.3,10,M,,M,,*5C
\$HEHDT,122.5,T*2B

PORT 4 04-06-2014 08:23:33
\$HEHDT,122.8,T*26
\$GPGLL,3452.7650,N,07438.4572,W,082241,A*3D
\$GPRMC,082241,A,3452.7650,N,07438.4572,W,4.6,113.4,060414,11.9,w*48
\$GPVTG,113.4,T,125.3,M,4.6,N,8.5,K*43
\$GPZDA,082241,06,04,2014,00,00*40
\$GPGBS,082241,,,,,,*4C
\$HEHDT,123.0,T*2F
\$GPGGA,082242,3452.7645,N,07438.4569,W,2,9,0.3,10,M,,M,,*50
\$GPGLL,3452.7645,N,07438.4569,W,082242,A*30
\$GPRMC,082242,A,3452.7645,N,07438.4569,W,4.5,115.6,060414,11.9,w*42
\$HEHDT,122.8,T*26
\$GPVTG,115.6,T,127.5,M,4.5,N,8.3,K*46
\$GPZDA,082242,06,04,2014,00,00*43
\$GPGBS,082242,000.9,015.3,005.5,04,0.05,0069.2,012.5*4B
\$GPGGA,082243,3452.7639,N,07438.4554,W,2,9,0.3,10,M,,M,,*54
\$HEHDT,122.7,T*29
PORT 12000 04-06-2014 08:23:33
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:23:34
\$GPGLL,3452.7639,N,07438.4554,W,082243,A*34
\$GPRMC,082243,A,3452.7639,N,07438.4554,W,4.5,115.6,060414,11.9,w*46
\$HEHDT,122.8,T*26
\$GPVTG,115.6,T,127.5,M,4.5,N,8.3,K*46
\$GPZDA,082243,06,04,2014,00,00*42
\$GPGBS,082243,,,,,,*4E
\$GPGGA,082244,3452.7636,N,07438.4539,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,123.2,T*2D

PORT 4 04-06-2014 08:23:35
\$GPGLL,3452.7636,N,07438.4539,W,082244,A*37
\$GPRMC,082244,A,3452.7636,N,07438.4539,W,4.6,114.8,060414,11.9,w*49
\$HEHDT,122.9,T*27
\$GPVTG,114.8,T,126.7,M,4.6,N,8.5,K*4F
\$GPZDA,082244,06,04,2014,00,00*45
\$GPGBS,082244,000.4,003.0,000.4,04,0.05,0023.0,012.5*4C
\$GPGGA,082245,3452.7633,N,07438.4524,W,2,8,0.3,10,M,,M,,*5E

PORT 4 04-06-2014 08:23:36
\$HEHDT,123.1,T*2E
\$GPGLL,3452.7633,N,07438.4524,W,082245,A*3F
\$GPRMC,082245,A,3452.7633,N,07438.4524,W,4.6,112.5,060414,11.9,w*4A
\$GPVTG,112.5,T,124.4,M,4.6,N,8.5,K*45

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\$GPZDA,082245,06,04,2014,00,00*44
\$HEHDT,123.4,T*2B
\$GPGBS,082245,000.1,002.3,000.3,04,0.05,0016.8,012.5*43
\$GPGGA,082246,3452.7630,N,07438.4508,W,2,9,0.4,10,M,,M,,*56

PORT 4 04-06-2014 08:23:37
\$GPGLL,3452.7630,N,07438.4508,W,082246,A*31
\$HEHDT,123.3,T*2C
\$GPRMC,082246,A,3452.7630,N,07438.4508,W,4.6,111.2,060414,11.9,W*40
\$GPVTG,111.2,T,123.1,M,4.6,N,8.5,K*43
\$GPZDA,082246,06,04,2014,00,00*47
\$GPGBS,082246,,,,,,,,*4B
\$GPGGA,082247,3452.7625,N,07438.4492,W,2,9,0.4,10,M,,M,,*51
\$HEHDT,123.4,T*2B

PORT 4 04-06-2014 08:23:38
\$HEHDT,123.9,T*26
\$GPGLL,3452.7625,N,07438.4492,W,082247,A*36
\$GPRMC,082247,A,3452.7625,N,07438.4492,W,4.6,111.2,060414,11.9,W*47
\$GPVTG,111.2,T,123.1,M,4.6,N,8.5,K*43
\$GPZDA,082247,06,04,2014,00,00*46
\$GPGBS,082247,,,,,,,,*4A
\$GPGGA,082248,3452.7617,N,07438.4478,W,2,6,0.4,10,M,,M,,*54
\$HEHDT,123.3,T*2C

PORT 4 04-06-2014 08:23:39
\$GPGLL,3452.7617,N,07438.4478,W,082248,A*3C
\$GPRMC,082248,A,3452.7617,N,07438.4478,W,4.7,114.1,060414,11.9,W*4A
\$GPVTG,114.1,T,126.0,M,4.7,N,8.7,K*42
\$HEHDT,123.3,T*2C
\$GPZDA,082248,06,04,2014,00,00*49
\$GPGBS,082248,,,,,,,,*45
\$GPGGA,082249,3452.7610,N,07438.4465,W,2,6,0.4,10,M,,M,,*5E
\$HEHDT,123.6,T*29

PORT 4 04-06-2014 08:23:40
\$GPGLL,3452.7610,N,07438.4465,W,082249,A*36
\$GPRMC,082249,A,3452.7610,N,07438.4465,W,4.7,114.1,060414,11.9,W*40
\$HEHDT,123.5,T*2A
\$GPVTG,114.1,T,126.0,M,4.7,N,8.7,K*42
\$GPZDA,082249,06,04,2014,00,00*48
\$GPGBS,082249,,,,,,,,*44
\$GPGGA,082250,3452.7605,N,07438.4453,W,2,6,0.9,10,M,,M,,*5A
\$HEHDT,123.9,T*26

PORT 4 04-06-2014 08:23:41
\$GPGLL,3452.7605,N,07438.4453,W,082250,A*3F
\$GPRMC,082250,A,3452.7605,N,07438.4453,W,4.5,116.8,060414,11.9,W*40
\$GPVTG,116.8,T,128.7,M,4.5,N,8.3,K*46
\$GPZDA,082250,06,04,2014,00,00*40
\$GPGBS,082250,,,,,,,,*4C
\$HEHDT,124.4,T*2C
\$GPGGA,082251,3452.7599,N,07438.4438,W,2,6,0.9,10,M,,M,,*50

PORT 4 04-06-2014 08:23:42
\$HEHDT,123.9,T*26
\$GPGLL,3452.7599,N,07438.4438,W,082251,A*35
\$GPRMC,082251,A,3452.7599,N,07438.4438,W,4.5,116.8,060414,11.9,W*4A
\$GPVTG,116.8,T,128.7,M,4.5,N,8.3,K*46
\$GPZDA,082251,06,04,2014,00,00*41
\$GPGBS,082251,,,,,,,,*4D
\$GPGGA,082252,3452.7594,N,07438.4421,W,2,4,0.9,10,M,,M,,*54
\$HEHDT,124.3,T*2B

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PORT 4 04-06-2014 08:23:43
$GPGLL,3452.7594,N,07438.4421,W,082252,A*33
$HEHDT,124.6,T*2E
$GPRMC,082252,A,3452.7594,N,07438.4421,W,4.5,117.0,060414,11.9,W*45
$GPVTG,117.0,T,128.9,M,4.5,N,8.3,K*41
$GPZDA,082252,06,04,2014,00,00*42
$GPGGBS,082252,,,,,,,,*4E
$GPGGA,082253,3452.7592,N,07438.4403,W,2,4,0.9,10,M,,M,,*53
$HEHDT,124.9,T*21
PORT 12000 04-06-2014 08:23:43
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PORT 4 04-06-2014 08:23:44
$GPGLL,3452.7592,N,07438.4403,W,082253,A*34
$GPRMC,082253,A,3452.7592,N,07438.4403,W,4.6,115.9,060414,11.9,W*4A
$HEHDT,124.9,T*21
$GPVTG,115.9,T,127.8,M,4.6,N,8.5,K*41
$GPZDA,082253,06,04,2014,00,00*43
$GPGGBS,082253,,,,,,,,*4F
$GPGGA,082254,3452.7586,N,07438.4388,W,2,6,0.3,10,M,,M,,*5D
$HEHDT,125.2,T*2B
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PORT 4 04-06-2014 08:23:45
$GPGLL,3452.7586,N,07438.4388,W,082254,A*32
$GPRMC,082254,A,3452.7586,N,07438.4388,W,4.6,113.2,060414,11.9,W*41
$GPVTG,113.2,T,125.1,M,4.6,N,8.5,K*47
$HEHDT,125.1,T*28
$GPZDA,082254,06,04,2014,00,00*44
$GPGGBS,082254,,,,,,,,*48
$GPGGA,082255,3452.7580,N,07438.4374,W,2,6,0.3,10,M,,M,,*59
$HEHDT,124.4,T*2C
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PORT 4 04-06-2014 08:23:46
$GPGLL,3452.7580,N,07438.4374,W,082255,A*36
$GPRMC,082255,A,3452.7580,N,07438.4374,W,4.6,113.2,060414,11.9,W*45
$GPVTG,113.2,T,125.1,M,4.6,N,8.5,K*47
$HEHDT,124.3,T*2B
$GPZDA,082255,06,04,2014,00,00*45
$GPGGBS,082255,,,,,,,,*49
$GPGGA,082256,3452.7572,N,07438.4360,W,2,8,0.3,10,M,,M,,*5C
$HEHDT,124.3,T*2B
#
PORT 4 04-06-2014 08:23:47
$GPGLL,3452.7572,N,07438.4360,W,082256,A*3D
$GPRMC,082256,A,3452.7572,N,07438.4360,W,4.6,113.8,060414,11.9,W*44
$GPVTG,113.8,T,125.7,M,4.6,N,8.5,K*4B
$GPZDA,082256,06,04,2014,00,00*46
$GPGGBS,082256,,,,,,,,*4A
$GPGGA,082257,3452.7564,N,07438.4347,W,2,8,0.3,10,M,,M,,*5F
$HEHDT,125.0,T*29
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PORT 5 04-06-2014 08:23:49
IN
PORT 4 04-06-2014 08:23:49
$GPGLL,3452.7572,N,07438.4360,W,082256,A*3D
$GPRMC,082256,A,3452.7572,N,07438.4360,W,4.6,113.8,060414,11.9,W*44
$GPVTG,113.8,T,125.7,M,4.6,N,8.5,K*4B
$GPZDA,082256,06,04,2014,00,00*46
$GPGGBS,082256,,,,,,,,*4A
$GPGGA,082257,3452.7564,N,07438.4347,W,2,8,0.3,10,M,,M,,*5F
$HEHDT,125.0,T*29
$HEHDT,125.0,T*29

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\$GPGLL,3452.7564,N,07438.4347,W,082257,A*3E
\$GPRMC,082257,A,3452.7564,N,07438.4347,W,4.6,115.3,060414,11.9,w*4A
\$GPVTG,115.3,T,127.2,M,4.6,N,8.5,K*41
\$GPZDA,082257,06,04,2014,00,00*47
\$GPGBS,082257,,,,,,*4B
\$GPGGA,082258,3452.7558,N,07438.4334,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,125.5,T*2C
\$GPGLL,3452.7558,N,07438.4334,W,082258,A*3A
\$HEHDT,125.5,T*2C
\$GPRMC,082258,A,3452.7558,N,07438.4334,W,4.5,117.6,060414,11.9,w*4A
\$GPVTG,117.6,T,129.5,M,4.5,N,8.3,K*4A
\$GPZDA,082258,06,04,2014,00,00*48
\$GPGBS,082258,,,,,,*44
\$GPGGA,082259,3452.7551,N,07438.4320,W,2,9,0.2,10,M,,M,,*56
\$HEHDT,126.0,T*2A

PORT 4 04-06-2014 08:23:50
\$GPGLL,3452.7551,N,07438.4320,W,082259,A*37
\$GPRMC,082259,A,3452.7551,N,07438.4320,W,4.6,117.3,060414,11.9,w*41
\$HEHDT,125.4,T*2D
\$GPVTG,117.3,T,129.2,M,4.6,N,8.5,K*4D
\$GPZDA,082259,06,04,2014,00,00*49
\$GPGBS,082259,000.2,002.5,000.1,04,0.05,0020.1,012.5*45
\$GPGGA,082300,3452.7545,N,07438.4307,W,2,10,0.2,10,M,,M,,*63
\$HEHDT,125.4,T*2D

PORT 4 04-06-2014 08:23:51
\$GPGLL,3452.7545,N,07438.4307,W,082300,A*3A
\$GPRMC,082300,A,3452.7545,N,07438.4307,W,4.6,116.8,060414,11.9,w*46
\$GPVTG,116.8,T,128.7,M,4.6,N,8.5,K*43
\$HEHDT,125.5,T*2C
\$GPZDA,082300,06,04,2014,00,00*44
\$GPGBS,082300,000.2,003.7,000.3,04,0.05,0018.2,012.5*41
\$GPGGA,082301,3452.7540,N,07438.4294,W,2,10,0.2,10,M,,M,,*6C
\$HEHDT,125.1,T*28

PORT 5 04-06-2014 08:23:53
04090 ms
*
PORT 4 04-06-2014 08:23:53
\$GPGLL,3452.7540,N,07438.4294,W,082301,A*35
\$GPRMC,082301,A,3452.7540,N,07438.4294,W,4.6,116.3,060414,11.9,w*42
\$GPVTG,116.3,T,128.2,M,4.6,N,8.5,K*4D
\$GPZDA,082301,06,04,2014,00,00*45
\$HEHDT,125.2,T*2B
\$GPGBS,082301,000.2,002.5,000.1,04,0.05,0020.6,012.5*4E
\$GPGGA,082302,3452.7535,N,07438.4279,W,2,10,0.3,10,M,,M,,*6F
\$HEHDT,125.3,T*2A
\$GPGLL,3452.7535,N,07438.4279,W,082302,A*37
\$GPRMC,082302,A,3452.7535,N,07438.4279,W,4.6,115.8,060414,11.9,w*48
\$GPVTG,115.8,T,127.7,M,4.6,N,8.5,K*4F
\$GPZDA,082302,06,04,2014,00,00*46
\$GPGBS,082302,,,,,,*4A
\$GPGGA,082303,3452.7531,N,07438.4262,W,2,10,0.3,10,M,,M,,*60
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PORT 12000 04-06-2014 08:23:53
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PORT 4 04-06-2014 08:23:54
\$GPGLL,3452.7531,N,07438.4262,W,082303,A*38
\$HEHDT,125.5,T*2C
\$GPRMC,082303,A,3452.7531,N,07438.4262,W,4.6,115.8,060414,11.9,w*47
\$GPVTG,115.8,T,127.7,M,4.6,N,8.5,K*4F

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\$GPZDA,082303,06,04,2014,00,00*47
\$GPGBS,082303,,,,,,,,*4B
\$GPGGA,082304,3452.7524,N,07438.4247,W,2,9,0.3,10,M,,M,,*5C
\$HEHDT,125.6,T*2F

PORT 4 04-06-2014 08:23:55
\$GPGLL,3452.7524,N,07438.4247,W,082304,A*3C
\$GPRMC,082304,A,3452.7524,N,07438.4247,W,4.7,115.1,060414,11.9,W*4B
\$HEHDT,125.9,T*20
\$GPVTG,115.1,T,127.0,M,4.7,N,8.7,K*42
\$GPZDA,082304,06,04,2014,00,00*40
\$GPGBS,082304,,,,,,,,*4C
\$GPGGA,082305,3452.7518,N,07438.4234,W,2,9,0.3,10,M,,M,,*56
\$HEHDT,126.1,T*2B

PORT 4 04-06-2014 08:23:56
\$GPGLL,3452.7518,N,07438.4234,W,082305,A*36
\$GPRMC,082305,A,3452.7518,N,07438.4234,W,4.7,115.1,060414,11.9,W*41
\$GPVTG,115.1,T,127.0,M,4.7,N,8.7,K*42
\$HEHDT,126.4,T*2E
\$GPZDA,082305,06,04,2014,00,00*41
\$GPGBS,082305,,,,,,,,*4D
\$GPGGA,082306,3452.7511,N,07438.4221,W,2,8,0.3,10,M,,M,,*59

PORT 4 04-06-2014 08:23:57
\$HEHDT,126.1,T*2B
\$GPGLL,3452.7511,N,07438.4221,W,082306,A*38
\$GPRMC,082306,A,3452.7511,N,07438.4221,W,4.6,116.8,060414,11.9,W*44
\$GPVTG,116.8,T,128.7,M,4.6,N,8.5,K*43
\$GPZDA,082306,06,04,2014,00,00*42
\$GPGBS,082306,,,,,,,,*4E
\$GPGGA,082307,3452.7503,N,07438.4207,W,2,8,0.3,10,M,,M,,*5F
\$HEHDT,126.0,T*2A

PORT 4 04-06-2014 08:23:58
\$HEHDT,125.8,T*21
\$GPGLL,3452.7503,N,07438.4207,W,082307,A*3E
\$GPRMC,082307,A,3452.7503,N,07438.4207,W,4.6,116.8,060414,11.9,W*42
\$GPVTG,116.8,T,128.7,M,4.6,N,8.5,K*43
\$GPZDA,082307,06,04,2014,00,00*43
\$GPGBS,082307,,,,,,,,*4F
\$GPGGA,082308,3452.7497,N,07438.4194,W,2,8,0.3,10,M,,M,,*55
\$HEHDT,125.7,T*2E

PORT 4 04-06-2014 08:23:59
\$GPGLL,3452.7497,N,07438.4194,W,082308,A*34
\$HEHDT,125.9,T*20
\$GPRMC,082308,A,3452.7497,N,07438.4194,W,4.6,119.0,060414,11.9,W*4F
\$GPVTG,119.0,T,130.9,M,4.6,N,8.5,K*43
\$GPZDA,082308,06,04,2014,00,00*4C
\$GPGBS,082308,,,,,,,,*40
\$GPGGA,082309,3452.7493,N,07438.4183,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,125.7,T*2E

PORT 4 04-06-2014 08:24:00
\$GPGLL,3452.7493,N,07438.4183,W,082309,A*37
\$HEHDT,125.4,T*2D
\$GPRMC,082309,A,3452.7493,N,07438.4183,W,4.6,119.0,060414,11.9,W*4C
\$GPVTG,119.0,T,130.9,M,4.6,N,8.5,K*43
\$GPZDA,082309,06,04,2014,00,00*4D
\$GPGBS,082309,001.1,004.4,002.2,04,0.05,0028.2,012.5*4E
\$GPGGA,082310,3452.7491,N,07438.4170,W,2,9,0.3,10,M,,M,,*51
\$HEHDT,125.8,T*21

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PORT 4 04-06-2014 08:24:01
\$GPGLL,3452.7491,N,07438.4170,W,082310,A*31
\$GPRMC,082310,A,3452.7491,N,07438.4170,W,4.6,116.6,060414,11.9,w*43
\$GPVTG,116.6,T,128.5,M,4.6,N,8.5,K*4F
\$HEHDT,125.2,T*2B
\$GPZDA,082310,06,04,2014,00,00*45
\$GPGGBS,082310,001.2,003.2,000.7,04,0.05,0017.1,012.5*4C
\$GPGGA,082311,3452.7486,N,07438.4155,W,2,9,0.3,10,M,,M,,*51
\$HEHDT,125.3,T*2A

PORT 4 04-06-2014 08:24:02
\$GPGLL,3452.7486,N,07438.4155,W,082311,A*31
\$GPRMC,082311,A,3452.7486,N,07438.4155,W,4.7,115.6,060414,11.9,w*41
\$GPVTG,115.6,T,127.5,M,4.7,N,8.7,K*40
\$GPZDA,082311,06,04,2014,00,00*44
\$GPGGBS,082311,,,,,,,,*48
\$HEHDT,125.7,T*2E
\$GPGGA,082312,3452.7480,N,07438.4140,W,2,8,0.3,10,M,,M,,*51
\$HEHDT,125.4,T*2D
\$GPGLL,3452.7480,N,07438.4140,W,082312,A*30
\$GPRMC,082312,A,3452.7480,N,07438.4140,W,4.7,115.6,060414,11.9,w*40
\$GPVTG,115.6,T,127.5,M,4.7,N,8.7,K*40
\$GPZDA,082312,06,04,2014,00,00*47
\$GPGGBS,082312,,,,,,,,*4B
\$GPGGA,082313,3452.7473,N,07438.4126,W,2,8,0.3,10,M,,M,,*5C
\$HEHDT,125.7,T*2E

PORT 12000 04-06-2014 08:24:02
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PORT 4 04-06-2014 08:24:03
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\$GPGLL,3452.7473,N,07438.4126,W,082313,A*3D
\$GPRMC,082313,A,3452.7473,N,07438.4126,W,4.8,115.7,060414,11.9,w*43
\$GPVTG,115.7,T,127.6,M,4.8,N,8.9,K*43
\$GPZDA,082313,06,04,2014,00,00*46
\$GPGGBS,082313,,,,,,,,*4A
\$GPGGA,082314,3452.7467,N,07438.4112,W,2,7,0.3,10,M,,M,,*56
\$HEHDT,125.6,T*2F

PORT 4 04-06-2014 08:24:05
\$GPGLL,3452.7467,N,07438.4112,W,082314,A*38
\$GPRMC,082314,A,3452.7467,N,07438.4112,W,4.7,117.4,060414,11.9,w*48
\$HEHDT,125.2,T*2B
\$GPVTG,117.4,T,129.3,M,4.7,N,8.7,K*48
\$GPZDA,082314,06,04,2014,00,00*41
\$GPGGBS,082314,,,,,,,,*4D
\$GPGGA,082315,3452.7460,N,07438.4097,W,2,7,0.3,10,M,,M,,*5C
\$HEHDT,125.3,T*2A

PORT 4 04-06-2014 08:24:06
\$GPGLL,3452.7460,N,07438.4097,W,082315,A*32
\$HEHDT,126.0,T*2A
\$GPRMC,082315,A,3452.7460,N,07438.4097,W,4.8,117.6,060414,11.9,w*4F
\$GPVTG,117.6,T,129.5,M,4.8,N,8.9,K*4D
\$GPZDA,082315,06,04,2014,00,00*40
\$GPGGBS,082315,,,,,,,,*4C
\$GPGGA,082316,3452.7455,N,07438.4088,W,2,9,0.3,10,M,,M,,*59
\$HEHDT,125.7,T*2E

PORT 4 04-06-2014 08:24:07
\$GPGLL,3452.7455,N,07438.4088,W,082316,A*39
\$GPRMC,082316,A,3452.7455,N,07438.4088,W,4.8,117.6,060414,11.9,w*44

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\$GPVTG,117.6,T,129.5,M,4.8,N,8.9,K*4D
\$GPZDA,082316,06,04,2014,00,00*43
\$HEHDT,125.7,T*2E
\$GPGBS,082316,000.8,007.6,008.4,04,0.05,0022.8,012.5*45
\$GPGGA,082317,3452.7448,N,07438.4073,W,2,9,0.3,11,M,,M,,*51

PORT 4 04-06-2014 08:24:08
\$HEHDT,125.7,T*2E
\$GPGLL,3452.7448,N,07438.4073,W,082317,A*30
\$GPRMC,082317,A,3452.7448,N,07438.4073,W,4.7,117.3,060414,11.9,w*47
\$GPVTG,117.3,T,129.2,M,4.7,N,8.7,K*4E
\$GPZDA,082317,06,04,2014,00,00*42
\$GPGBS,082317,,,,,,*4E
\$HEHDT,125.9,T*20
\$GPGGA,082318,3452.7444,N,07438.4058,W,2,7,0.3,11,M,,M,,*55

PORT 4 04-06-2014 08:24:09
\$GPGLL,3452.7444,N,07438.4058,W,082318,A*3A
\$HEHDT,126.6,T*2C
\$GPRMC,082318,A,3452.7444,N,07438.4058,W,4.7,116.9,060414,11.9,w*46
\$GPVTG,116.9,T,128.8,M,4.7,N,8.7,K*4E
\$GPZDA,082318,06,04,2014,00,00*4D
\$GPGBS,082318,,,,,,*41
\$GPGGA,082319,3452.7439,N,07438.4044,W,2,7,0.3,11,M,,M,,*53
\$HEHDT,126.5,T*2F

PORT 4 04-06-2014 08:24:10
\$GPGLL,3452.7439,N,07438.4044,W,082319,A*3C
\$HEHDT,126.2,T*28
\$GPRMC,082319,A,3452.7439,N,07438.4044,W,4.7,116.3,060414,11.9,w*4A
\$GPVTG,116.3,T,128.2,M,4.7,N,8.7,K*4E
\$GPZDA,082319,06,04,2014,00,00*4C
\$GPGBS,082319,,,,,,*40
\$GPGGA,082320,3452.7439,N,07438.4044,W,2,8,0.3,11,M,,M,,*56
\$HEHDT,126.5,T*2F

PORT 4 04-06-2014 08:24:11
\$GPGLL,3452.7439,N,07438.4044,W,082320,A*36
\$GPRMC,082320,A,3452.7439,N,07438.4044,W,4.7,116.3,060414,11.9,w*40
\$HEHDT,125.6,T*2F
\$GPVTG,116.3,T,128.2,M,4.7,N,8.7,K*4E
\$GPZDA,082320,06,04,2014,00,00*46
\$GPGBS,082320,006.0,005.1,004.4,04,0.05,0014.3,012.5*49
\$GPGGA,082321,3452.7435,N,07438.4032,W,2,8,0.3,11,M,,M,,*5A
\$HEHDT,125.1,T*28

PORT 4 04-06-2014 08:24:12
\$GPGLL,3452.7435,N,07438.4032,W,082321,A*3A
\$GPRMC,082321,A,3452.7435,N,07438.4032,W,4.7,116.3,060414,11.9,w*4C
\$GPVTG,116.3,T,128.2,M,4.7,N,8.7,K*4E
\$HEHDT,125.2,T*2B
\$GPZDA,082321,06,04,2014,00,00*47
\$GPGBS,082321,001.0,004.4,001.9,04,0.05,0016.7,012.5*45
\$GPGGA,082322,3452.7421,N,07438.4004,W,2,9,0.3,11,M,,M,,*58
\$HEHDT,124.7,T*2F

PORT 4 04-06-2014 08:24:13
\$GPGLL,3452.7421,N,07438.4004,W,082322,A*39
\$GPRMC,082322,A,3452.7421,N,07438.4004,W,4.8,118.0,060414,11.9,w*4D
\$GPVTG,118.0,T,129.9,M,4.8,N,8.9,K*48
\$GPZDA,082322,06,04,2014,00,00*44
\$GPGBS,082322,,,,,,*48
\$GPGGA,082323,3452.7415,N,07438.3989,W,2,9,0.3,11,M,,M,,*55

S01_C04_survey.Log

\$HEHDT,126.0,T*2A
PORT 12000 04-06-2014 08:24:13
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:24:14
\$HEHDT,126.0,T*2A
\$GPGLL,3452.7415,N,07438.3989,w,082323,A*34
\$GPRMC,082323,A,3452.7415,N,07438.3989,w,4.7,117.6,060414,11.9,w*46
\$GPVTG,117.6,T,129.5,M,4.7,N,8.7,K*4C
\$GPZDA,082323,06,04,2014,00,00*45
\$HEHDT,126.6,T*2C
\$GPGBS,082323,,,,,,*49
\$GPGBS,082324,3452.7409,N,07438.3978,w,2,8,0.3,11,M,,M,,*50

PORT 4 04-06-2014 08:24:15
\$HEHDT,126.1,T*2B
\$GPGLL,3452.7409,N,07438.3978,w,082324,A*30
\$GPRMC,082324,A,3452.7409,N,07438.3978,w,4.7,117.6,060414,11.9,w*42
\$GPVTG,117.6,T,129.5,M,4.7,N,8.7,K*4C
\$GPZDA,082324,06,04,2014,00,00*42
\$GPGBS,082324,000.3,004.2,001.6,04,0.05,0018.3,012.5*41
\$HEHDT,126.3,T*29
\$GPGBS,082325,3452.7401,N,07438.3965,w,2,8,0.3,11,M,,M,,*55

PORT 4 04-06-2014 08:24:17
\$GPGLL,3452.7401,N,07438.3965,w,082325,A*35
\$HEHDT,125.8,T*21
\$GPRMC,082325,A,3452.7401,N,07438.3965,w,4.6,117.8,060414,11.9,w*48
\$GPVTG,117.8,T,129.7,M,4.6,N,8.5,K*43
\$GPZDA,082325,06,04,2014,00,00*43
\$GPGBS,082325,000.5,003.1,001.2,04,0.05,0016.8,012.5*43
\$GPGBS,082326,3452.7394,N,07438.3952,w,2,8,0.3,11,M,,M,,*59
\$HEHDT,125.1,T*28
\$GPGLL,3452.7394,N,07438.3952,w,082326,A*39
\$GPRMC,082326,A,3452.7394,N,07438.3952,w,4.7,119.1,060414,11.9,w*42
\$GPVTG,119.1,T,131.0,M,4.7,N,8.7,K*49
\$GPZDA,082326,06,04,2014,00,00*40
\$HEHDT,125.4,T*2D
\$GPGBS,082326,001.3,004.5,001.4,04,0.05,0019.9,012.5*4C
\$GPGBS,082327,3452.7390,N,07438.3935,w,2,8,0.3,11,M,,M,,*5D

PORT 4 04-06-2014 08:24:18
\$HEHDT,125.9,T*20
\$GPGLL,3452.7390,N,07438.3935,w,082327,A*3D
\$GPRMC,082327,A,3452.7390,N,07438.3935,w,4.8,118.1,060414,11.9,w*48
\$GPVTG,118.1,T,130.0,M,4.8,N,8.9,K*48
\$HEHDT,125.4,T*2D
\$GPZDA,082327,06,04,2014,00,00*41
\$GPGBS,082327,,,,,,*4D
\$GPGBS,082328,3452.7385,N,07438.3920,w,2,8,0.3,11,M,,M,,*52

PORT 4 04-06-2014 08:24:19
\$HEHDT,125.7,T*2E
\$GPGLL,3452.7385,N,07438.3920,w,082328,A*32
\$GPRMC,082328,A,3452.7385,N,07438.3920,w,4.8,118.1,060414,11.9,w*47
\$GPVTG,118.1,T,130.0,M,4.8,N,8.9,K*48
\$GPZDA,082328,06,04,2014,00,00*4E
\$GPGBS,082328,000.2,002.5,000.8,04,0.05,0015.5,012.5*49
\$HEHDT,125.4,T*2D
\$GPGBS,082329,3452.7380,N,07438.3904,w,2,8,0.3,11,M,,M,,*50

PORT 4 04-06-2014 08:24:20
\$GPGLL,3452.7380,N,07438.3904,w,082329,A*30

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\$HEHDT,125.7,T*2E
\$GPRMC,082329,A,3452.7380,N,07438.3904,W,4.8,115.5,060414,11.9,w*4C
\$GPVTG,115.5,T,127.4,M,4.8,N,8.9,K*43
\$GPZDA,082329,06,04,2014,00,00*4F
\$GPGBS,082329,,,,,,,,*43
\$GPGGA,082330,3452.7373,N,07438.3889,W,2,8,0.3,11,M,,M,,*50
\$HEHDT,125.8,T*21

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PORT 4 04-06-2014 08:24:21
\$GPGLL,3452.7373,N,07438.3889,W,082330,A*30
\$GPRMC,082330,A,3452.7373,N,07438.3889,W,4.7,116.1,060414,11.9,w*44
\$HEHDT,125.7,T*2E
\$GPVTG,116.1,T,128.0,M,4.7,N,8.7,K*4E
\$GPZDA,082330,06,04,2014,00,00*47
\$GPGBS,082330,,,,,,,,*4B
\$GPGGA,082331,3452.7366,N,07438.3875,W,2,8,0.3,11,M,,M,,*56
\$HEHDT,125.4,T*2D

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PORT 4 04-06-2014 08:24:22
\$GPGLL,3452.7366,N,07438.3875,W,082331,A*36
\$GPRMC,082331,A,3452.7366,N,07438.3875,W,4.7,117.2,060414,11.9,w*40
\$HEHDT,125.2,T*2B
\$GPVTG,117.2,T,129.1,M,4.7,N,8.7,K*4C
\$GPZDA,082331,06,04,2014,00,00*46
\$GPGBS,082331,,,,,,,,*4A
\$GPGGA,082332,3452.7359,N,07438.3860,W,2,8,0.3,11,M,,M,,*5D
\$HEHDT,125.5,T*2C

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PORT 4 04-06-2014 08:24:23
\$GPGLL,3452.7359,N,07438.3860,W,082332,A*3D
\$GPRMC,082332,A,3452.7359,N,07438.3860,W,4.8,117.8,060414,11.9,w*4E
\$GPVTG,117.8,T,129.7,M,4.8,N,8.9,K*41
\$GPZDA,082332,06,04,2014,00,00*45
\$HEHDT,126.1,T*2B
\$GPGBS,082332,,,,,,,,*49
\$GPGGA,082333,3452.7354,N,07438.3845,W,2,8,0.3,11,M,,M,,*56
\$HEHDT,125.4,T*2D

PORT 12000 04-06-2014 08:24:23
\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:24:24
\$GPGLL,3452.7354,N,07438.3845,W,082333,A*36
\$GPRMC,082333,A,3452.7354,N,07438.3845,W,4.7,117.9,060414,11.9,w*4B
\$GPVTG,117.9,T,129.8,M,4.7,N,8.7,K*4E
\$GPZDA,082333,06,04,2014,00,00*44
\$HEHDT,125.7,T*2E
\$GPGBS,082333,,,,,,,,*48
\$GPGGA,082334,3452.7347,N,07438.3835,W,2,8,0.3,11,M,,M,,*54

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PORT 4 04-06-2014 08:24:25
\$HEHDT,125.3,T*2A
\$GPGLL,3452.7347,N,07438.3835,W,082334,A*34
\$GPRMC,082334,A,3452.7347,N,07438.3835,W,4.7,117.9,060414,11.9,w*49
\$GPVTG,117.9,T,129.8,M,4.7,N,8.7,K*4E
\$GPZDA,082334,06,04,2014,00,00*43
\$GPGBS,082334,001.2,004.7,002.1,04,0.05,0018.4,012.5*46
\$HEHDT,125.5,T*2C
\$GPGGA,082335,3452.7340,N,07438.3822,W,2,8,0.3,11,M,,M,,*54

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PORT 4 04-06-2014 08:24:27
\$HEHDT,124.9,T*21
\$GPGLL,3452.7340,N,07438.3822,W,082335,A*34
\$GPRMC,082335,A,3452.7340,N,07438.3822,W,4.6,118.3,060414,11.9,w*4D

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\$GPVGTG,118.3,T,130.2,M,4.6,N,8.5,K*4A
\$GPZDA,082335,06,04,2014,00,00*42
\$GPGBS,082335,000.7,002.7,001.2,04,0.05,0016.0,012.5*4F
\$GPGGA,082336,3452.7334,N,07438.3808,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,125.0,T*29
\$GPGLL,3452.7334,N,07438.3808,W,082336,A*3C
\$GPRMC,082336,A,3452.7334,N,07438.3808,W,4.6,118.8,060414,11.9,W*4E
\$HEHDT,125.0,T*29
\$GPVGTG,118.8,T,130.7,M,4.6,N,8.5,K*44
\$GPZDA,082336,06,04,2014,00,00*41
\$GPGBS,082336,000.8,003.3,001.7,04,0.05,0021.0,012.5*47
\$GPGGA,082337,3452.7329,N,07438.3790,W,2,9,0.3,11,M,,M,,*5E

PORT 4 04-06-2014 08:24:28
\$HEHDT,125.1,T*28
\$GPGLL,3452.7329,N,07438.3790,W,082337,A*3F
\$GPRMC,082337,A,3452.7329,N,07438.3790,W,4.8,116.7,060414,11.9,W*42
\$GPVGTG,116.7,T,128.6,M,4.8,N,8.9,K*4F
\$HEHDT,125.6,T*2F
\$GPZDA,082337,06,04,2014,00,00*40
\$GPGBS,082337,,,,,,,,*4C
\$GPGGA,082338,3452.7325,N,07438.3773,W,2,8,0.3,11,M,,M,,*51

PORT 4 04-06-2014 08:24:29
\$HEHDT,125.8,T*21
\$GPGLL,3452.7325,N,07438.3773,W,082338,A*31
\$GPRMC,082338,A,3452.7325,N,07438.3773,W,4.8,115.5,060414,11.9,W*4D
\$GPVGTG,115.5,T,127.4,M,4.8,N,8.9,K*43
\$GPZDA,082338,06,04,2014,00,00*4F
\$GPGBS,082338,,,,,,,,*43
\$HEHDT,125.7,T*2E
\$GPGGA,082339,3452.7318,N,07438.3758,W,2,8,0.3,11,M,,M,,*57

PORT 4 04-06-2014 08:24:30
\$HEHDT,126.0,T*2A
\$GPGLL,3452.7318,N,07438.3758,W,082339,A*37
\$GPRMC,082339,A,3452.7318,N,07438.3758,W,4.8,115.8,060414,11.9,W*46
\$GPVGTG,115.8,T,127.7,M,4.8,N,8.9,K*4D
\$GPZDA,082339,06,04,2014,00,00*4E
\$GPGBS,082339,,,,,,,,*42
\$GPGGA,082340,3452.7312,N,07438.3744,W,2,8,0.3,11,M,,M,,*5E
\$HEHDT,125.7,T*2E

PORT 4 04-06-2014 08:24:31
\$GPGLL,3452.7312,N,07438.3744,W,082340,A*3E
\$HEHDT,125.8,T*21
\$GPRMC,082340,A,3452.7312,N,07438.3744,W,4.7,116.5,060414,11.9,W*4E
\$GPVGTG,116.5,T,128.4,M,4.7,N,8.7,K*4E
\$GPZDA,082340,06,04,2014,00,00*40
\$GPGBS,082340,,,,,,,,*4C
\$GPGGA,082341,3452.7305,N,07438.3729,W,2,8,0.3,11,M,,M,,*52
\$HEHDT,125.3,T*2A

PORT 4 04-06-2014 08:24:32
\$GPGLL,3452.7305,N,07438.3729,W,082341,A*32
\$GPRMC,082341,A,3452.7305,N,07438.3729,W,4.8,117.2,060414,11.9,W*4B
\$HEHDT,125.1,T*28
\$GPVGTG,117.2,T,129.1,M,4.8,N,8.9,K*4D
\$GPZDA,082341,06,04,2014,00,00*41
\$GPGBS,082341,,,,,,,,*4D
\$GPGGA,082342,3452.7298,N,07438.3714,W,2,8,0.3,11,M,,M,,*5A
\$HEHDT,125.2,T*2B
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PORT 4 04-06-2014 08:24:33

\$GPGLL,3452.7298,N,07438.3714,W,082342,A*3A
\$GPRMC,082342,A,3452.7298,N,07438.3714,W,4.8,117.7,060414,11.9,w*46
\$HEHDT,125.3,T*2A
\$GPVTG,117.7,T,129.6,M,4.8,N,8.9,K*4F
\$GPZDA,082342,06,04,2014,00,00*42
\$GPGBS,082342,,,,,,,,*4E
\$GPGBA,082343,3452.7292,N,07438.3701,W,2,8,0.3,11,M,,M,,*55
\$HEHDT,125.7,T*2E

PORT 12000 04-06-2014 08:24:33

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:24:34

\$GPGLL,3452.7292,N,07438.3701,W,082343,A*35
\$GPRMC,082343,A,3452.7292,N,07438.3701,W,4.8,117.7,060414,11.9,w*49
\$GPVTG,117.7,T,129.6,M,4.8,N,8.9,K*4F
\$GPZDA,082343,06,04,2014,00,00*43
\$HEHDT,125.8,T*21
\$GPGBS,082343,000.8,002.3,000.8,04,0.05,0016.4,012.5*4A
\$GPGBA,082344,3452.7292,N,07438.3701,W,2,9,0.3,11,M,,M,,*53
\$HEHDT,126.4,T*2E

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PORT 4 04-06-2014 08:24:35

\$GPGLL,3452.7292,N,07438.3701,W,082344,A*32
\$GPRMC,082344,A,3452.7292,N,07438.3701,W,4.8,118.3,060414,11.9,w*45
\$GPVTG,118.3,T,130.2,M,4.8,N,8.9,K*48
\$GPZDA,082344,06,04,2014,00,00*44
\$GPGBS,082344,,,,,,,,*48
\$GPGBA,082345,3452.7281,N,07438.3672,W,2,9,0.3,11,M,,M,,*55
\$HEHDT,126.0,T*2A

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PORT 4 04-06-2014 08:24:37

\$GPGLL,3452.7281,N,07438.3672,W,082345,A*34
\$HEHDT,126.2,T*28
\$GPRMC,082345,A,3452.7281,N,07438.3672,W,4.7,117.6,060414,11.9,w*46
\$GPVTG,117.6,T,129.5,M,4.7,N,8.7,K*4C
\$GPZDA,082345,06,04,2014,00,00*45
\$GPGBS,082345,,,,,,,,*49
\$GPGBA,082346,3452.7276,N,07438.3655,W,2,8,0.3,11,M,,M,,*5A
\$HEHDT,126.2,T*28
\$GPGLL,3452.7276,N,07438.3655,W,082346,A*3A
\$GPRMC,082346,A,3452.7276,N,07438.3655,W,4.7,116.6,060414,11.9,w*49
\$HEHDT,125.3,T*2A
\$GPVTG,116.6,T,128.5,M,4.7,N,8.7,K*4C
\$GPZDA,082346,06,04,2014,00,00*46
\$GPGBS,082346,,,,,,,,*4A
\$GPGBA,082347,3452.7271,N,07438.3640,W,2,8,0.3,11,M,,M,,*58
\$HEHDT,125.4,T*2D

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PORT 5 04-06-2014 08:24:38

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PORT 4 04-06-2014 08:24:38

\$GPGLL,3452.7281,N,07438.3672,W,082345,A*34
\$HEHDT,126.2,T*28
\$GPRMC,082345,A,3452.7281,N,07438.3672,W,4.7,117.6,060414,11.9,w*46
\$GPVTG,117.6,T,129.5,M,4.7,N,8.7,K*4C
\$GPZDA,082345,06,04,2014,00,00*45
\$GPGBS,082345,,,,,,,,*49
\$GPGBA,082346,3452.7276,N,07438.3655,W,2,8,0.3,11,M,,M,,*5A
\$HEHDT,126.2,T*28
\$GPGLL,3452.7276,N,07438.3655,W,082346,A*3A
\$GPRMC,082346,A,3452.7276,N,07438.3655,W,4.7,116.6,060414,11.9,w*49
\$HEHDT,125.3,T*2A

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\$GPVTG,116.6,T,128.5,M,4.7,N,8.7,K*4C
\$GPZDA,082346,06,04,2014,00,00*46
\$GPGBS,082346,,,,,,,,*4A
\$GPGGA,082347,3452.7271,N,07438.3640,W,2,8,0.3,11,M,,M,,*58
\$HEHDT,125.4,T*2D
\$GPGLL,3452.7271,N,07438.3640,W,082347,A*38
\$GPRMC,082347,A,3452.7271,N,07438.3640,W,4.8,116.1,060414,11.9,W*43
\$GPVTG,116.1,T,128.0,M,4.8,N,8.9,K*4F
\$HEHDT,125.0,T*29
\$GPZDA,082347,06,04,2014,00,00*47
\$GPGBS,082347,,,,,,,,*4B
\$GPGGA,082348,3452.7264,N,07438.3625,W,2,8,0.3,11,M,,M,,*50
\$HEHDT,125.7,T*2E

PORT 4 04-06-2014 08:24:40
\$GPGLL,3452.7264,N,07438.3625,W,082348,A*30
\$GPRMC,082348,A,3452.7264,N,07438.3625,W,4.8,116.2,060414,11.9,W*48
\$HEHDT,125.4,T*2D
\$GPVTG,116.2,T,128.1,M,4.8,N,8.9,K*4D
\$GPZDA,082348,06,04,2014,00,00*48
\$GPGBS,082348,,,,,,,,*44
\$GPGGA,082349,3452.7260,N,07438.3614,W,2,8,0.3,11,M,,M,,*57
\$HEHDT,126.1,T*2B
\$GPGLL,3452.7260,N,07438.3614,W,082349,A*37
\$GPRMC,082349,A,3452.7260,N,07438.3614,W,4.8,116.2,060414,11.9,W*4F
\$GPVTG,116.2,T,128.1,M,4.8,N,8.9,K*4D
\$GPZDA,082349,06,04,2014,00,00*49
\$HEHDT,125.5,T*2C
\$GPGBS,082349,001.5,005.7,002.6,04,0.05,0035.0,012.5*46
\$GPGGA,082350,3452.7251,N,07438.3599,W,2,9,0.3,11,M,,M,,*5A

PORT 4 04-06-2014 08:24:41
\$HEHDT,125.6,T*2F
\$GPGLL,3452.7251,N,07438.3599,W,082350,A*3B
\$GPRMC,082350,A,3452.7251,N,07438.3599,W,4.8,116.6,060414,11.9,W*47
\$GPVTG,116.6,T,128.5,M,4.8,N,8.9,K*4D
\$GPZDA,082350,06,04,2014,00,00*41
\$GPGBS,082350,,,,,,,,*4D
\$HEHDT,125.9,T*20
\$GPGGA,082351,3452.7245,N,07438.3587,W,2,9,0.3,11,M,,M,,*51

PORT 5 04-06-2014 08:24:42
04121 ms
*
PORT 4 04-06-2014 08:24:42
\$GPGLL,3452.7245,N,07438.3587,W,082351,A*30
\$HEHDT,125.2,T*2B
\$GPRMC,082351,A,3452.7245,N,07438.3587,W,4.8,117.4,060414,11.9,W*4F
\$GPVTG,117.4,T,129.3,M,4.8,N,8.9,K*49
\$GPZDA,082351,06,04,2014,00,00*40
\$GPGBS,082351,001.0,003.9,001.8,04,0.05,0015.4,012.5*49
\$GPGGA,082352,3452.7239,N,07438.3575,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,125.6,T*2F

PORT 4 04-06-2014 08:24:43
\$GPGLL,3452.7239,N,07438.3575,W,082352,A*35
\$GPRMC,082352,A,3452.7239,N,07438.3575,W,4.8,118.0,060414,11.9,W*41
\$HEHDT,125.3,T*2A
\$GPVTG,118.0,T,129.9,M,4.8,N,8.9,K*48
\$GPZDA,082352,06,04,2014,00,00*43
\$GPGBS,082352,001.1,004.0,001.8,04,0.05,0024.4,012.5*47
\$GPGGA,082353,3452.7235,N,07438.3561,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,125.8,T*21

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PORT 12000 04-06-2014 08:24:43

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PORT 4 04-06-2014 08:24:44

\$GPGLL,3452.7235,N,07438.3561,W,082353,A*3D

\$GPRMC,082353,A,3452.7235,N,07438.3561,W,4.8,117.7,060414,11.9,w*41

\$HEHDT,125.4,T*2D

\$GPVTG,117.7,T,129.6,M,4.8,N,8.9,K*4F

\$GPZDA,082353,06,04,2014,00,00*42

\$GPGBS,082353,000.7,002.7,001.4,04,0.05,0017.1,012.5*49

\$GPGGA,082354,3452.7228,N,07438.3545,W,2,9,0.3,11,M,,M,,*51

\$HEHDT,125.3,T*2A

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PORT 4 04-06-2014 08:24:45

\$GPGLL,3452.7228,N,07438.3545,W,082354,A*30

\$GPRMC,082354,A,3452.7228,N,07438.3545,W,4.8,116.8,060414,11.9,w*42

\$GPVTG,116.8,T,128.7,M,4.8,N,8.9,K*41

\$GPZDA,082354,06,04,2014,00,00*45

\$HEHDT,125.3,T*2A

\$GPGBS,082354,,,,,,,,*49

\$GPGGA,082355,3452.7221,N,07438.3533,W,2,9,0.3,11,M,,M,,*58

\$HEHDT,124.8,T*20

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PORT 4 04-06-2014 08:24:47

\$GPGLL,3452.7221,N,07438.3533,W,082355,A*39

\$GPRMC,082355,A,3452.7221,N,07438.3533,W,4.8,116.7,060414,11.9,w*44

\$GPVTG,116.7,T,128.6,M,4.8,N,8.9,K*4F

\$GPZDA,082355,06,04,2014,00,00*44

\$HEHDT,124.9,T*21

\$GPGBS,082355,000.9,003.7,001.9,04,0.05,0023.3,012.5*48

\$GPGGA,082356,3452.7215,N,07438.3520,W,2,9,0.3,11,M,,M,,*5E

\$GPGLL,3452.7215,N,07438.3520,W,082356,A*3F

\$HEHDT,125.1,T*28

\$GPRMC,082356,A,3452.7215,N,07438.3520,W,4.8,117.6,060414,11.9,w*42

\$GPVTG,117.6,T,129.5,M,4.8,N,8.9,K*4D

\$GPZDA,082356,06,04,2014,00,00*47

\$GPGBS,082356,000.8,003.2,001.7,04,0.05,0019.8,012.5*43

\$GPGGA,082357,3452.7211,N,07438.3507,W,2,9,0.3,11,M,,M,,*5E

\$HEHDT,124.9,T*21

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PORT 4 04-06-2014 08:24:48

\$GPGLL,3452.7211,N,07438.3507,W,082357,A*3F

\$HEHDT,125.1,T*28

\$GPRMC,082357,A,3452.7211,N,07438.3507,W,4.8,118.1,060414,11.9,w*4A

\$GPVTG,118.1,T,130.0,M,4.8,N,8.9,K*48

\$GPZDA,082357,06,04,2014,00,00*46

\$GPGBS,082357,000.9,004.1,002.3,04,0.05,0016.8,012.5*4F

\$GPGGA,082358,3452.7206,N,07438.3492,W,2,9,0.3,11,M,,M,,*5A

\$HEHDT,124.9,T*21

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PORT 4 04-06-2014 08:24:49

\$GPGLL,3452.7206,N,07438.3492,W,082358,A*3B

\$GPRMC,082358,A,3452.7206,N,07438.3492,W,4.8,117.3,060414,11.9,w*43

\$HEHDT,125.4,T*2D

\$GPVTG,117.3,T,129.2,M,4.8,N,8.9,K*4F

\$GPZDA,082358,06,04,2014,00,00*49

\$GPGBS,082358,000.9,002.7,000.8,04,0.05,0018.5,012.5*4A

\$GPGGA,082359,3452.7202,N,07438.3478,W,2,9,0.3,11,M,,M,,*5B

\$HEHDT,124.8,T*20

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PORT 4 04-06-2014 08:24:50

\$GPGLL,3452.7202,N,07438.3478,W,082359,A*3A

\$GPRMC,082359,A,3452.7202,N,07438.3478,W,4.8,116.5,060414,11.9,w*45

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\$GPVTG,116.5,T,128.4,M,4.8,N,8.9,K*4F
\$HEHDT,125.0,T*29
\$GPZDA,082359,06,04,2014,00,00*48
\$GPGBS,082359,001.7,004.4,001.0,04,0.05,0018.3,012.5*4E
\$GPGGA,082400,3452.7196,N,07438.3464,W,2,9,0.3,11,M,,M,,*53

PORT 4 04-06-2014 08:24:51
\$HEHDT,125.2,T*2B
\$GPGLL,3452.7196,N,07438.3464,W,082400,A*32
\$GPRMC,082400,A,3452.7196,N,07438.3464,W,4.9,115.7,060414,11.9,W*4D
\$GPVTG,115.7,T,127.6,M,4.9,N,9.1,K*4B
\$GPZDA,082400,06,04,2014,00,00*43
\$GPGBS,082400,001.8,004.9,001.1,04,0.05,0020.6,012.5*48
\$GPGGA,082401,3452.7196,N,07438.3464,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,124.4,T*2C

PORT 4 04-06-2014 08:24:52
\$GPGLL,3452.7196,N,07438.3464,W,082401,A*33
\$HEHDT,124.7,T*2F
\$GPRMC,082401,A,3452.7196,N,07438.3464,W,4.9,115.2,060414,11.9,W*49
\$GPVTG,115.2,T,127.1,M,4.9,N,9.1,K*49
\$GPZDA,082401,06,04,2014,00,00*42
\$GPGBS,082401,,,,,,*4E
\$GPGGA,082402,3452.7182,N,07438.3433,W,2,8,0.3,11,M,,M,,*57
\$HEHDT,124.4,T*2C

PORT 4 04-06-2014 08:24:53
\$GPGLL,3452.7182,N,07438.3433,W,082402,A*37
\$HEHDT,125.3,T*2A
\$GPRMC,082402,A,3452.7182,N,07438.3433,W,4.8,116.7,060414,11.9,W*4A
\$GPVTG,116.7,T,128.6,M,4.8,N,8.9,K*4F
\$GPZDA,082402,06,04,2014,00,00*41
\$GPGBS,082402,,,,,,*4D
\$GPGGA,082403,3452.7175,N,07438.3421,W,2,8,0.3,11,M,,M,,*5D
\$HEHDT,125.1,T*28
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PORT 4 04-06-2014 08:24:54
\$GPGLL,3452.7175,N,07438.3421,W,082403,A*3D
\$GPRMC,082403,A,3452.7175,N,07438.3421,W,4.8,116.7,060414,11.9,W*40
\$HEHDT,125.7,T*2E
\$GPVTG,116.7,T,128.6,M,4.8,N,8.9,K*4F
\$GPZDA,082403,06,04,2014,00,00*40
\$GPGBS,082403,001.2,005.0,002.9,04,0.05,0032.2,012.5*45
\$GPGGA,082404,3452.7168,N,07438.3407,W,2,9,0.3,11,M,,M,,*53
\$HEHDT,125.7,T*2E
\$GPGLL,3452.7168,N,07438.3407,W,082404,A*32
\$GPRMC,082404,A,3452.7168,N,07438.3407,W,4.8,117.5,060414,11.9,W*4C
\$GPVTG,117.5,T,129.4,M,4.8,N,8.9,K*4F
\$GPZDA,082404,06,04,2014,00,00*47
\$GPGBS,082404,,,,,,*4B
\$HEHDT,125.9,T*20
\$GPGGA,082405,3452.7162,N,07438.3391,W,2,9,0.3,11,M,,M,,*50

PORT 4 04-06-2014 08:24:56
\$HEHDT,125.4,T*2D
\$GPGLL,3452.7162,N,07438.3391,W,082405,A*31
\$GPRMC,082405,A,3452.7162,N,07438.3391,W,4.8,118.1,060414,11.9,W*44
\$GPVTG,118.1,T,130.0,M,4.8,N,8.9,K*48
\$GPZDA,082405,06,04,2014,00,00*46
\$HEHDT,125.3,T*2A
\$GPGBS,082405,,,,,,*4A

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\$GPGGA,082406,3452.7159,N,07438.3376,W,2,8,0.3,10,M,,M,,*52

PORT 4 04-06-2014 08:24:57
\$GPGLL,3452.7159,N,07438.3376,W,082406,A*33
\$HEHDT,125.4,T*2D
\$GPRMC,082406,A,3452.7159,N,07438.3376,W,4.8,117.8,060414,11.9,W*40
\$GPVTG,117.8,T,129.7,M,4.8,N,8.9,K*41
\$GPZDA,082406,06,04,2014,00,00*45
\$GPGBS,082406,002.3,004.8,003.3,04,0.05,0026.8,012.5*4F
\$GPGGA,082407,3452.7152,N,07438.3360,W,2,8,0.3,10,M,,M,,*5F
\$HEHDT,125.5,T*2C

PORT 4 04-06-2014 08:24:58
\$HEHDT,126.3,T*29
\$GPGLL,3452.7152,N,07438.3360,W,082407,A*3E
\$GPRMC,082407,A,3452.7152,N,07438.3360,W,4.9,116.6,060414,11.9,W*43
\$GPVTG,116.6,T,128.5,M,4.9,N,9.1,K*45
\$GPZDA,082407,06,04,2014,00,00*44
\$GPGBS,082407,,,,,,*48
\$GPGGA,082408,3452.7146,N,07438.3350,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,126.8,T*22

PORT 4 04-06-2014 08:24:59
\$GPGLL,3452.7146,N,07438.3350,W,082408,A*37
\$HEHDT,126.6,T*2C
\$GPRMC,082408,A,3452.7146,N,07438.3350,W,4.9,115.8,060414,11.9,W*47
\$GPVTG,115.8,T,127.7,M,4.9,N,9.1,K*45
\$GPZDA,082408,06,04,2014,00,00*4B
\$GPGBS,082408,000.4,006.3,002.5,04,0.05,0027.5,012.5*46
\$GPGGA,082409,3452.7139,N,07438.3338,W,2,8,0.3,10,M,,M,,*51
\$HEHDT,127.1,T*2A

PORT 4 04-06-2014 08:25:00
\$GPGLL,3452.7139,N,07438.3338,W,082409,A*30
\$GPRMC,082409,A,3452.7139,N,07438.3338,W,4.7,116.3,060414,11.9,W*46
\$GPVTG,116.3,T,128.2,M,4.7,N,8.7,K*4E
\$HEHDT,127.0,T*2B
\$GPZDA,082409,06,04,2014,00,00*4A
\$GPGBS,082409,000.4,005.0,001.9,04,0.05,0021.1,012.5*4A
\$GPGGA,082410,3452.7132,N,07438.3320,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,127.3,T*28

PORT 4 04-06-2014 08:25:01
\$GPGLL,3452.7132,N,07438.3320,W,082410,A*3A
\$GPRMC,082410,A,3452.7132,N,07438.3320,W,4.8,117.2,060414,11.9,W*43
\$GPVTG,117.2,T,129.1,M,4.8,N,8.9,K*4D
\$GPZDA,082410,06,04,2014,00,00*42
\$HEHDT,127.7,T*2C
\$GPGBS,082410,,,,,,*4E
\$GPGGA,082411,3452.7126,N,07438.3304,W,2,9,0.3,10,M,,M,,*58
\$HEHDT,128.1,T*25

PORT 4 04-06-2014 08:25:03
\$GPGLL,3452.7126,N,07438.3304,W,082411,A*38
\$GPRMC,082411,A,3452.7126,N,07438.3304,W,4.9,117.3,060414,11.9,W*41
\$GPVTG,117.3,T,129.2,M,4.9,N,9.1,K*47
\$GPZDA,082411,06,04,2014,00,00*43
\$HEHDT,127.9,T*22
\$GPGBS,082411,,,,,,*4F
\$GPGGA,082412,3452.7121,N,07438.3296,W,2,8,0.3,10,M,,M,,*57
\$GPGLL,3452.7121,N,07438.3296,W,082412,A*36
\$HEHDT,128.2,T*26
\$GPRMC,082412,A,3452.7121,N,07438.3296,W,4.9,117.0,060414,11.9,W*4C

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\$GPVTG,117.0,T,128.9,M,4.9,N,9.1,K*4E
\$GPZDA,082412,06,04,2014,00,00*40
\$GPGBS,082412,001.6,007.3,003.7,04,0.05,0028.9,012.5*4F
\$GPGGA,082413,3452.7113,N,07438.3282,W,2,8,0.3,10,M,,M,,*52
\$HEHDT,127.9,T*22
PORT 12000 04-06-2014 08:25:03
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PORT 4 04-06-2014 08:25:04
\$GPGLL,3452.7113,N,07438.3282,W,082413,A*33
\$GPRMC,082413,A,3452.7113,N,07438.3282,W,4.8,117.4,060414,11.9,W*4C
\$HEHDT,128.5,T*21
\$GPVTG,117.4,T,129.3,M,4.8,N,8.9,K*49
\$GPZDA,082413,06,04,2014,00,00*41
\$GPGBS,082413,,,,,,*4D
\$GPGGA,082414,3452.7106,N,07438.3266,W,2,8,0.3,10,M,,M,,*5B
\$HEHDT,128.1,T*25

PORT 4 04-06-2014 08:25:05
\$GPGLL,3452.7106,N,07438.3266,W,082414,A*3A
\$GPRMC,082414,A,3452.7106,N,07438.3266,W,4.7,118.4,060414,11.9,W*45
\$GPVTG,118.4,T,130.3,M,4.7,N,8.7,K*4F
\$HEHDT,128.1,T*25
\$GPZDA,082414,06,04,2014,00,00*46
\$GPGBS,082414,,,,,,*4A
\$GPGGA,082415,3452.7101,N,07438.3250,W,2,8,0.3,10,M,,M,,*58

PORT 4 04-06-2014 08:25:06
\$HEHDT,128.2,T*26
\$GPGLL,3452.7101,N,07438.3250,W,082415,A*39
\$GPRMC,082415,A,3452.7101,N,07438.3250,W,4.7,118.7,060414,11.9,W*45
\$GPVTG,118.7,T,130.6,M,4.7,N,8.7,K*49
\$GPZDA,082415,06,04,2014,00,00*47
\$GPGBS,082415,,,,,,*4B
\$GPGGA,082416,3452.7101,N,07438.3250,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,128.1,T*25

PORT 4 04-06-2014 08:25:07
\$HEHDT,128.7,T*23
\$GPGLL,3452.7101,N,07438.3250,W,082416,A*3A
\$GPRMC,082416,A,3452.7101,N,07438.3250,W,4.8,118.0,060414,11.9,W*4E
\$GPVTG,118.0,T,129.9,M,4.8,N,8.9,K*48
\$GPZDA,082416,06,04,2014,00,00*44
\$GPGBS,082416,,,,,,*48
\$GPGGA,082417,3452.7087,N,07438.3221,W,2,9,0.3,10,M,,M,,*52
\$HEHDT,128.5,T*21

PORT 4 04-06-2014 08:25:08
\$GPGLL,3452.7087,N,07438.3221,W,082417,A*32
\$HEHDT,128.8,T*2C
\$GPRMC,082417,A,3452.7087,N,07438.3221,W,4.8,117.7,060414,11.9,W*4E
\$GPVTG,117.7,T,129.6,M,4.8,N,8.9,K*4F
\$GPZDA,082417,06,04,2014,00,00*45
\$GPGBS,082417,,,,,,*49
\$GPGGA,082418,3452.7080,N,07438.3207,W,2,8,0.3,10,M,,M,,*5F
\$HEHDT,128.5,T*21

PORT 4 04-06-2014 08:25:09
\$GPGLL,3452.7080,N,07438.3207,W,082418,A*3E
\$GPRMC,082418,A,3452.7080,N,07438.3207,W,4.7,118.4,060414,11.9,W*41
\$HEHDT,128.3,T*27
\$GPVTG,118.4,T,130.3,M,4.7,N,8.7,K*4F
\$GPZDA,082418,06,04,2014,00,00*4A

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\$GPGBS,082418,,,,,,*46
\$GPGGA,082419,3452.7072,N,07438.3193,W,2,8,0.3,10,M,,M,,*5D
\$HEHDT,128.8,T*2C

PORT 4 04-06-2014 08:25:10
\$GPGLL,3452.7072,N,07438.3193,W,082419,A*3C
\$GPRMC,082419,A,3452.7072,N,07438.3193,W,4.7,119.4,060414,11.9,w*42
\$HEHDT,128.2,T*26
\$GPVTG,119.4,T,131.3,M,4.7,N,8.7,K*4F
\$GPZDA,082419,06,04,2014,00,00*4B
\$GPGBS,082419,,,,,,*47
\$GPGGA,082420,3452.7067,N,07438.3180,W,2,9,0.3,10,M,,M,,*50
\$HEHDT,129.0,T*25

PORT 4 04-06-2014 08:25:12
\$GPGLL,3452.7067,N,07438.3180,W,082420,A*30
\$GPRMC,082420,A,3452.7067,N,07438.3180,W,4.7,120.1,060414,11.9,w*41
\$GPVTG,120.1,T,132.0,M,4.7,N,8.7,K*40
\$HEHDT,128.6,T*22
\$GPZDA,082420,06,04,2014,00,00*41
\$GPGBS,082420,001.2,004.6,002.4,04,0.05,0018.9,012.5*4D
\$GPGGA,082421,3452.7061,N,07438.3167,W,2,9,0.3,10,M,,M,,*5E
\$HEHDT,129.0,T*25
\$GPGLL,3452.7061,N,07438.3167,W,082421,A*3E
\$GPRMC,082421,A,3452.7061,N,07438.3167,W,4.8,119.9,060414,11.9,w*42
\$GPVTG,119.9,T,131.8,M,4.8,N,8.9,K*48
\$GPZDA,082421,06,04,2014,00,00*40
\$GPGBS,082421,000.9,003.3,001.8,04,0.05,0021.0,012.5*48
\$HEHDT,128.8,T*2C
\$GPGGA,082422,3452.7055,N,07438.3150,W,2,9,0.3,10,M,,M,,*5E

PORT 4 04-06-2014 08:25:13
\$GPGLL,3452.7055,N,07438.3150,W,082422,A*3E
\$HEHDT,129.0,T*25
\$GPRMC,082422,A,3452.7055,N,07438.3150,W,4.7,119.2,060414,11.9,w*46
\$GPVTG,119.2,T,131.1,M,4.7,N,8.7,K*4B
\$GPZDA,082422,06,04,2014,00,00*43
\$GPGBS,082422,,,,,,*4F
\$GPGGA,082423,3452.7049,N,07438.3135,W,2,9,0.3,10,M,,M,,*51
\$HEHDT,129.5,T*20
PORT 12000 04-06-2014 08:25:13
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PORT 4 04-06-2014 08:25:14
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\$HEHDT,128.7,T*23
\$GPRMC,082423,A,3452.7049,N,07438.3135,W,4.7,118.5,060414,11.9,w*4F
\$GPVTG,118.5,T,130.4,M,4.7,N,8.7,K*49
\$GPZDA,082423,06,04,2014,00,00*42
\$GPGBS,082423,,,,,,*4E
\$GPGGA,082424,3452.7043,N,07438.3120,W,2,8,0.3,10,M,,M,,*59
\$HEHDT,128.6,T*22

PORT 4 04-06-2014 08:25:15
\$GPGLL,3452.7043,N,07438.3120,W,082424,A*38
\$GPRMC,082424,A,3452.7043,N,07438.3120,W,4.7,118.0,060414,11.9,w*43
\$HEHDT,127.9,T*22
\$GPVTG,118.0,T,129.9,M,4.7,N,8.7,K*49
\$GPZDA,082424,06,04,2014,00,00*45
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\$GPGGA,082425,3452.7033,N,07438.3105,W,2,8,0.3,10,M,,M,,*58
\$HEHDT,127.9,T*22
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S01_C04_survey.Log

PORT 4 04-06-2014 08:25:16
 \$GPGLL,3452.7033,N,07438.3105,W,082425,A*39
 \$GPRMC,082425,A,3452.7033,N,07438.3105,W,4.7,118.3,060414,11.9,w*41
 \$GPVTG,118.3,T,130.2,M,4.7,N,8.7,K*49
 \$GPZDA,082425,06,04,2014,00,00*44
 \$HEHDT,128.1,T*25
 \$GPGBS,082425,,,,,,,,*48
 \$GPGGA,082426,3452.7025,N,07438.3092,W,2,7,0.4,10,M,,M,,*5B
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 PORT 4 04-06-2014 08:25:17
 \$HEHDT,127.7,T*2C
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 \$GPVTG,119.7,T,131.6,M,4.8,N,8.9,K*48
 \$GPZDA,082426,06,04,2014,00,00*47
 \$GPGBS,082426,,,,,,,,*4B
 \$GPGGA,082427,3452.7018,N,07438.3081,W,2,7,0.3,10,M,,M,,*51
 \$HEHDT,128.4,T*20
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 PORT 4 04-06-2014 08:25:18
 \$HEHDT,128.0,T*24
 \$GPGLL,3452.7018,N,07438.3081,W,082427,A*3F
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 \$GPVTG,121.6,T,133.5,M,4.8,N,8.9,K*43
 \$GPZDA,082427,06,04,2014,00,00*46
 \$GPGBS,082427,,,,,,,,*4A
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 \$GPGGA,082428,3452.7012,N,07438.3069,W,2,8,0.3,10,M,,M,,*5D
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 PORT 4 04-06-2014 08:25:19
 \$GPGLL,3452.7012,N,07438.3069,W,082428,A*3C
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 \$GPRMC,082428,A,3452.7012,N,07438.3069,W,4.7,122.9,060414,11.9,w*47
 \$GPVTG,122.9,T,134.8,M,4.7,N,8.7,K*44
 \$GPZDA,082428,06,04,2014,00,00*49
 \$GPGBS,082428,000.6,002.8,001.5,04,0.05,0011.2,012.5*48
 \$GPGGA,082429,3452.7007,N,07438.3052,W,2,8,0.3,10,M,,M,,*50
 \$HEHDT,129.2,T*27
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 PORT 4 04-06-2014 08:25:20
 \$GPGLL,3452.7007,N,07438.3052,W,082429,A*31
 \$GPRMC,082429,A,3452.7007,N,07438.3052,W,4.6,122.8,060414,11.9,w*4A
 \$HEHDT,128.9,T*2D
 \$GPVTG,122.8,T,134.7,M,4.6,N,8.5,K*49
 \$GPZDA,082429,06,04,2014,00,00*48
 \$GPGBS,082429,,,,,,,,*44
 \$GPGGA,082430,3452.7003,N,07438.3035,W,2,8,0.3,10,M,,M,,*5D
 \$HEHDT,128.9,T*2D
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 PORT 4 04-06-2014 08:25:21
 \$GPGLL,3452.7003,N,07438.3035,W,082430,A*3C
 \$GPRMC,082430,A,3452.7003,N,07438.3035,W,4.7,120.9,060414,11.9,w*45
 \$GPVTG,120.9,T,132.8,M,4.7,N,8.7,K*40
 \$GPZDA,082430,06,04,2014,00,00*40
 \$HEHDT,128.6,T*22
 \$GPGBS,082430,,,,,,,,*4C
 \$GPGGA,082431,3452.6998,N,07438.3019,W,2,8,0.3,10,M,,M,,*58
 \$HEHDT,128.4,T*20
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 PORT 4 04-06-2014 08:25:23
 \$GPGLL,3452.6998,N,07438.3019,W,082431,A*39
 \$GPRMC,082431,A,3452.6998,N,07438.3019,W,4.8,118.6,060414,11.9,w*4B
 \$GPVTG,118.6,T,130.5,M,4.8,N,8.9,K*4A

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\$GPZDA,082431,06,04,2014,00,00*41
\$GPGBS,082431,,,,,*4D
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\$GPGLL,3452.6993,N,07438.3005,W,082432,A*3C
\$GPRMC,082432,A,3452.6993,N,07438.3005,W,4.8,117.6,060414,11.9,W*41
\$GPVTG,117.6,T,129.5,M,4.8,N,8.9,K*4D
\$GPZDA,082432,06,04,2014,00,00*42
\$GPGBS,082432,,,,,*4E
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PORT 4 04-06-2014 08:25:24
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\$GPRMC,082433,A,3452.6987,N,07438.2993,W,4.8,117.4,060414,11.9,W*40
\$GPVTG,117.4,T,129.3,M,4.8,N,8.9,K*49
\$GPZDA,082433,06,04,2014,00,00*43
\$GPGBS,082433,000.2,002.7,001.1,04,0.05,0018.1,012.5*47
\$GPGGA,082434,3452.6978,N,07438.2981,W,2,9,0.3,10,M,,M,,*5B
\$HEHDT,128.2,T*26

PORT 4 04-06-2014 08:25:25
\$GPGLL,3452.6978,N,07438.2981,W,082434,A*3B
\$GPRMC,082434,A,3452.6978,N,07438.2981,W,4.8,118.0,060414,11.9,W*4F
\$HEHDT,128.5,T*21
\$GPVTG,118.0,T,129.9,M,4.8,N,8.9,K*48
\$GPZDA,082434,06,04,2014,00,00*44
\$GPGBS,082434,,,,,*48
\$GPGGA,082435,3452.6969,N,07438.2969,W,2,9,0.3,10,M,,M,,*5C
\$HEHDT,128.7,T*23

PORT 4 04-06-2014 08:25:26
\$GPGLL,3452.6969,N,07438.2969,W,082435,A*3C
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\$GPVTG,120.2,T,132.1,M,4.8,N,8.9,K*43
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\$GPZDA,082435,06,04,2014,00,00*45
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\$GPGGA,082436,3452.6962,N,07438.2956,W,2,8,0.3,10,M,,M,,*59
\$HEHDT,129.2,T*27

PORT 4 04-06-2014 08:25:27
\$GPGLL,3452.6962,N,07438.2956,W,082436,A*38
\$GPRMC,082436,A,3452.6962,N,07438.2956,W,4.7,122.5,060414,11.9,W*4F
\$GPVTG,122.5,T,134.4,M,4.7,N,8.7,K*44
\$GPZDA,082436,06,04,2014,00,00*46
\$GPGBS,082436,,,,,*4A
\$HEHDT,129.5,T*20
\$GPGGA,082437,3452.6956,N,07438.2942,W,2,8,0.3,10,M,,M,,*5A
\$HEHDT,129.9,T*2C

PORT 5 04-06-2014 08:25:29
IN
PORT 4 04-06-2014 08:25:29
\$GPGLL,3452.6962,N,07438.2956,W,082436,A*38
\$GPRMC,082436,A,3452.6962,N,07438.2956,W,4.7,122.5,060414,11.9,W*4F
\$GPVTG,122.5,T,134.4,M,4.7,N,8.7,K*44
\$GPZDA,082436,06,04,2014,00,00*46
\$GPGBS,082436,,,,,*4A

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\$HEHDT,129.5,T*20
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\$HEHDT,129.9,T*2C
\$GPGLL,3452.6956,N,07438.2942,W,082437,A*3B
\$GPRMC,082437,A,3452.6956,N,07438.2942,W,4.7,123.3,060414,11.9,W*4B
\$GPVTG,123.3,T,135.2,M,4.7,N,8.7,K*44
\$GPZDA,082437,06,04,2014,00,00*47
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\$GPGGA,082438,3452.6951,N,07438.2927,W,2,8,0.3,10,M,,M,,*51
\$HEHDT,129.4,T*21
\$GPGLL,3452.6951,N,07438.2927,W,082438,A*30
\$HEHDT,129.2,T*27
\$GPRMC,082438,A,3452.6951,N,07438.2927,W,4.6,122.5,060414,11.9,W*46
\$GPVTG,122.5,T,134.4,M,4.6,N,8.5,K*47
\$GPZDA,082438,06,04,2014,00,00*48
\$GPGBS,082438,,,,,,,,*44
\$GPGGA,082439,3452.6946,N,07438.2912,W,2,8,0.3,10,M,,M,,*50
\$HEHDT,128.4,T*20

PORT 4 04-06-2014 08:25:30
\$GPGLL,3452.6946,N,07438.2912,W,082439,A*31
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\$HEHDT,128.0,T*24
\$GPVTG,121.1,T,133.0,M,4.6,N,8.5,K*43
\$GPZDA,082439,06,04,2014,00,00*49
\$GPGBS,082439,,,,,,,,*45
\$GPGGA,082440,3452.6939,N,07438.2896,W,2,8,0.3,10,M,,M,,*5B
\$HEHDT,128.3,T*27

PORT 4 04-06-2014 08:25:31
\$GPGLL,3452.6939,N,07438.2896,W,082440,A*3A
\$GPRMC,082440,A,3452.6939,N,07438.2896,W,4.7,120.2,060414,11.9,W*48
\$GPVTG,120.2,T,132.1,M,4.7,N,8.7,K*42
\$HEHDT,127.8,T*23
\$GPZDA,082440,06,04,2014,00,00*47
\$GPGBS,082440,,,,,,,,*4B
\$GPGGA,082441,3452.6933,N,07438.2882,W,2,8,0.3,10,M,,M,,*55
\$HEHDT,128.1,T*25

PORT 5 04-06-2014 08:25:32
04157 ms
*
PORT 4 04-06-2014 08:25:32
\$GPGLL,3452.6933,N,07438.2882,W,082441,A*34
\$GPRMC,082441,A,3452.6933,N,07438.2882,W,4.8,119.9,060414,11.9,W*48
\$GPVTG,119.9,T,131.8,M,4.8,N,8.9,K*48
\$GPZDA,082441,06,04,2014,00,00*46
\$HEHDT,128.4,T*20
\$GPGBS,082441,,,,,,,,*4A
\$GPGGA,082442,3452.6928,N,07438.2868,W,2,8,0.3,10,M,,M,,*58
\$HEHDT,129.2,T*27
\$GPGLL,3452.6928,N,07438.286

PORT 4 04-06-2014 08:25:33
\$GPGLL,3452.6933,N,07438.2882,W,082441,A*34
\$GPRMC,082441,A,3452.6933,N,07438.2882,W,4.8,119.9,060414,11.9,W*48
\$GPVTG,119.9,T,131.8,M,4.8,N,8.9,K*48
\$GPZDA,082441,06,04,2014,00,00*46
\$HEHDT,128.4,T*20
\$GPGBS,082441,,,,,,,,*4A
\$GPGGA,082442,3452.6928,N,07438.2868,W,2,8,0.3,10,M,,M,,*58
\$HEHDT,129.2,T*27
\$GPGLL,3452.6928,N,07438.2868,W,082442,A*39

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\$GPRMC,082442,A,3452.6928,N,07438.2868,W,4.8,119.6,060414,11.9,w*4A
\$GPVTG,119.6,T,131.5,M,4.8,N,8.9,K*4A
\$GPZDA,082442,06,04,2014,00,00*45
\$GPGBS,082442,,,,,,,,*49
\$GPGGA,082443,3452.6922,N,07438.2854,W,2,8,0.3,10,M,,M,,*5C
\$HEHDT,128.9,T*2D
\$GPGLL,3452.6922,N,07438.2854,W,082443,A*3D
\$HEHDT,129.6,T*23
\$GPRMC,082443,A,3452.6922,N,07438.2854,W,4.8,119.2,060414,11.9,w*4A
\$GPVTG,119.2,T,131.1,M,4.8,N,8.9,K*4A
\$GPZDA,082443,06,04,2014,00,00*44
\$GPGBS,082443,,,,,,,,*48
\$GPGGA,082444,3452.6915,N,07438.2839,W,2,8,0.3,10,M,,M,,*54
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PORT 12000 04-06-2014 08:25:33
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PORT 4 04-06-2014 08:25:34
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\$GPRMC,082444,A,3452.6915,N,07438.2839,W,4.8,118.9,060414,11.9,w*48
\$HEHDT,128.9,T*2D
\$GPVTG,118.9,T,130.8,M,4.8,N,8.9,K*48
\$GPZDA,082444,06,04,2014,00,00*43
\$GPGBS,082444,,,,,,,,*4F
\$GPGGA,082445,3452.6908,N,07438.2827,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,129.4,T*21

PORT 4 04-06-2014 08:25:35
\$GPGLL,3452.6908,N,07438.2827,W,082445,A*37
\$GPRMC,082445,A,3452.6908,N,07438.2827,W,4.8,119.3,060414,11.9,w*41
\$GPVTG,119.3,T,131.2,M,4.8,N,8.9,K*48
\$HEHDT,129.3,T*26
\$GPZDA,082445,06,04,2014,00,00*42
\$GPGBS,082445,,,,,,,,*4E
\$GPGGA,082446,3452.6902,N,07438.2816,W,2,8,0.3,10,M,,M,,*5D

PORT 4 04-06-2014 08:25:37
\$HEHDT,129.8,T*2D
\$GPGLL,3452.6902,N,07438.2816,W,082446,A*3C
\$GPRMC,082446,A,3452.6902,N,07438.2816,W,4.8,120.4,060414,11.9,w*47
\$HEHDT,129.4,T*21
\$GPVTG,120.4,T,132.3,M,4.8,N,8.9,K*47
\$GPZDA,082446,06,04,2014,00,00*41
\$GPGBS,082446,,,,,,,,*4D
\$GPGGA,082447,3452.6895,N,07438.2808,W,2,8,0.3,10,M,,M,,*5C
\$HEHDT,129.3,T*26

PORT 4 04-06-2014 08:25:38
\$GPGLL,3452.6895,N,07438.2808,W,082447,A*3D
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\$GPVTG,121.7,T,133.6,M,4.7,N,8.7,K*40
\$HEHDT,129.5,T*20
\$GPZDA,082447,06,04,2014,00,00*40
\$GPGBS,082447,001.1,004.5,002.3,04,0.05,0018.4,012.5*46
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\$HEHDT,129.4,T*21
\$GPRMC,082448,A,3452.6888,N,07438.2792,W,4.6,122.7,060414,11.9,w*46
\$GPVTG,122.7,T,134.6,M,4.6,N,8.5,K*47
\$GPZDA,082448,06,04,2014,00,00*4F
\$GPGBS,082448,000.6,002.3,001.1,04,0.05,-012.9,012.5*54
\$GPGGA,082449,3452.6882,N,07438.2777,W,2,9,0.3,10,M,,M,,*52
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PORT 4 04-06-2014 08:25:39
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$HEHDT,130.2,T*2F
$GPVTG,122.4,T,134.3,M,4.6,N,8.5,K*41
$GPZDA,082449,06,04,2014,00,00*4E
$GPGGBS,082449,,,,,,,,*42
$GPGGA,082450,3452.6877,N,07438.2764,W,2,8,0.3,10,M,,M,,*53
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PORT 4 04-06-2014 08:25:41
$GPGLL,3452.6877,N,07438.2764,W,082450,A*32
$GPRMC,082450,A,3452.6877,N,07438.2764,W,4.6,121.2,060414,11.9,w*40
$HEHDT,130.2,T*2F
$GPVTG,121.2,T,133.1,M,4.6,N,8.5,K*41
$GPZDA,082450,06,04,2014,00,00*46
$GPGGBS,082450,,,,,,,,*4A
$GPGGA,082451,3452.6870,N,07438.2751,W,2,8,0.3,10,M,,M,,*53
$HEHDT,129.8,T*2D
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PORT 4 04-06-2014 08:25:42
$GPGLL,3452.6870,N,07438.2751,W,082451,A*32
$GPRMC,082451,A,3452.6870,N,07438.2751,W,4.6,120.3,060414,11.9,w*40
$HEHDT,129.6,T*23
$GPVTG,120.3,T,132.2,M,4.6,N,8.5,K*43
$GPZDA,082451,06,04,2014,00,00*47
$GPGGBS,082451,,,,,,,,*4B
$GPGGA,082452,3452.6863,N,07438.2735,W,2,8,0.3,10,M,,M,,*50
$HEHDT,129.6,T*23
#
PORT 4 04-06-2014 08:25:43
$GPGLL,3452.6863,N,07438.2735,W,082452,A*31
$GPRMC,082452,A,3452.6863,N,07438.2735,W,4.5,120.2,060414,11.9,w*41
$GPVTG,120.2,T,132.1,M,4.5,N,8.3,K*44
$GPZDA,082452,06,04,2014,00,00*44
$HEHDT,129.9,T*2C
$GPGGBS,082452,,,,,,,,*48
$GPGGA,082453,3452.6857,N,07438.2721,W,2,8,0.3,11,M,,M,,*52
PORT 12000 04-06-2014 08:25:43
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PORT 4 04-06-2014 08:25:44
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$GPRMC,082453,A,3452.6857,N,07438.2721,W,4.6,120.3,060414,11.9,w*40
$GPVTG,120.3,T,132.2,M,4.6,N,8.5,K*43
$GPZDA,082453,06,04,2014,00,00*45
$GPGGBS,082453,,,,,,,,*49
$HEHDT,130.5,T*28
$GPGGA,082454,3452.6852,N,07438.2710,W,2,8,0.3,11,M,,M,,*52
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PORT 4 04-06-2014 08:25:45
$HEHDT,130.8,T*25
$GPGLL,3452.6852,N,07438.2710,W,082454,A*32
$GPRMC,082454,A,3452.6852,N,07438.2710,W,4.7,119.8,060414,11.9,w*40
$GPVTG,119.8,T,131.7,M,4.7,N,8.7,K*47
$GPZDA,082454,06,04,2014,00,00*42
$GPGGBS,082454,,,,,,,,*4E
$HEHDT,130.5,T*28
$GPGGA,082455,3452.6842,N,07438.2702,W,2,8,0.3,11,M,,M,,*51
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PORT 4 04-06-2014 08:25:46
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\$GPVTG,124.7,T,136.6,M,4.5,N,8.3,K*46
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S01_C04_survey.Log

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PORT 4 04-06-2014 08:25:59
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PORT 4 04-06-2014 08:26:00
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PORT 4 04-06-2014 08:26:02
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PORT 4 04-06-2014 08:26:05
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$GPVTG,124.7,T,136.6,M,4.3,N,8.0,K*43
$GPZDA,082515,06,04,2014,00,00*46
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PORT 4 04-06-2014 08:26:08
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PORT 4 04-06-2014 08:26:09
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$GPVTG,127.1,T,139.0,M,4.3,N,8.0,K*4F
$GPZDA,082519,06,04,2014,00,00*4A
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$GPGLL,3452.6671,N,07438.2410,W,082520,A*3C
$GPRMC,082520,A,3452.6671,N,07438.2410,W,4.3,127.5,060414,11.9,w*4A
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PORT 4 04-06-2014 08:26:11

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PORT 4 04-06-2014 08:26:13

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\$HEHDT,147.7,T*2A
\$GPVTG,129.1,T,141.0,M,4.2,N,7.8,K*48
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\$GPGGA,082523,3452.6646,N,07438.2377,W,2,9,0.3,11,M,,M,,*5C
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PORT 12000 04-06-2014 08:26:13

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PORT 4 04-06-2014 08:26:14

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\$HEHDT,148.0,T*22
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PORT 4 04-06-2014 08:26:15

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\$GPVTG,129.7,T,141.6,M,4.2,N,7.8,K*48
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\$GPGBS,082524,,,,,,,,*48
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PORT 4 04-06-2014 08:26:16

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PORT 4 04-06-2014 08:26:17

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\$HEHDT,151.4,T*2E

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PORT 4 04-06-2014 08:26:18

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$GPVTG,133.2,T,145.1,M,4.0,N,7.4,K*4B
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$GPGBS,082528,,,,,,,,*44
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PORT 4 04-06-2014 08:26:20
$GPGLL,3452.6596,N,07438.2322,W,082529,A*39
$GPRMC,082529,A,3452.6596,N,07438.2322,W,4.1,133.6,060414,11.9,w*4B
$GPVTG,133.6,T,145.5,M,4.1,N,7.6,K*48
$GPZDA,082529,06,04,2014,00,00*49
$HEHDT,154.8,T*27
$GPGBS,082529,,,,,,,,*45
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PORT 4 04-06-2014 08:26:21
$HEHDT,155.4,T*2A
$GPGLL,3452.6588,N,07438.2316,W,082530,A*39
$GPRMC,082530,A,3452.6588,N,07438.2316,W,4.0,134.5,060414,11.9,w*4E
$GPVTG,134.5,T,146.4,M,4.0,N,7.4,K*4D
$GPZDA,082530,06,04,2014,00,00*41
$HEHDT,155.9,T*27
$GPGBS,082530,,,,,,,,*4D
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PORT 4 04-06-2014 08:26:22
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$HEHDT,156.4,T*29
$GPRMC,082531,A,3452.6581,N,07438.2308,W,3.9,135.7,060414,11.9,w*44
$GPVTG,135.7,T,147.6,M,3.9,N,7.2,K*45
$GPZDA,082531,06,04,2014,00,00*40
$GPGBS,082531,,,,,,,,*4C
$GPGGA,082532,3452.6571,N,07438.2298,W,2,9,0.3,11,M,,M,,*5B
$HEHDT,157.0,T*2C
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PORT 5 04-06-2014 08:26:23
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PORT 4 04-06-2014 08:26:23
$GPGLL,3452.6581,N,07438.2308,W,082531,A*3E
$HEHDT,156.4,T*29
$GPRMC,082531,A,3452.6581,N,07438.2308,W,3.9,135.7,060414,11.9,w*44
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$HEHDT,157.7,T*2B
$GPRMC,082532,A,3452.6571,N,07438.2298,W,3.9,136.7,060414,11.9,w*43
$GPVTG,136.7,T,148.6,M,3.9,N,7.2,K*49
$GPZDA,082532,06,04,2014,00,00*43

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\$HEHDT,159.3,T*21
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PORT 4 04-06-2014 08:26:24
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\$GPVTG,137.6,T,149.5,M,3.9,N,7.2,K*4B
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\$GPZDA,082534,06,04,2014,00,00*45
\$GPGBS,082534,,,,,,,,*49
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PORT 4 04-06-2014 08:26:25
\$HEHDT,160.8,T*20
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\$GPVTG,139.2,T,151.1,M,3.9,N,7.2,K*4C
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\$HEHDT,161.2,T*2B
\$GPGBS,082535,,,,,,,,*48
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PORT 5 04-06-2014 08:26:27
04198 ms
*
PORT 4 04-06-2014 08:26:27
\$HEHDT,162.5,T*2F
\$GPGLL,3452.6534,N,07438.2275,W,082536,A*3C
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\$GPVTG,142.1,T,154.0,M,3.9,N,7.2,K*47
\$GPZDA,082536,06,04,2014,00,00*47
\$GPGBS,082536,,,,,,,,*4B
\$GPGGA,082537,3452.6525,N,07438.2269,W,2,9,0.3,11,M,,M,,*51
\$HEHDT,163.4,T*2F

PORT 4 04-06-2014 08:26:28
\$HEHDT,164.1,T*2D
\$GPGLL,3452.6525,N,07438.2269,W,082537,A*30
\$GPRMC,082537,A,3452.6525,N,07438.2269,W,3.8,144.7,060414,11.9,W*4D
\$GPVTG,144.7,T,156.6,M,3.8,N,7.0,K*40
\$GPZDA,082537,06,04,2014,00,00*46
\$GPGBS,082537,,,,,,,,*4A
\$GPGGA,082538,3452.6516,N,07438.2259,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,165.2,T*2F

PORT 4 04-06-2014 08:26:29
\$GPGLL,3452.6516,N,07438.2259,W,082538,A*3C
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\$HEHDT,165.7,T*2A
\$GPVTG,145.9,T,157.8,M,3.7,N,6.9,K*47
\$GPZDA,082538,06,04,2014,00,00*49
\$GPGBS,082538,,,,,,,,*45

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\$GPGGA,082539,3452.6507,N,07438.2251,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,166.3,T*2D

PORT 4 04-06-2014 08:26:30
\$GPGLL,3452.6507,N,07438.2251,W,082539,A*35
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\$HEHDT,166.6,T*28
\$GPVTG,145.4,T,157.3,M,3.8,N,7.0,K*46
\$GPZDA,082539,06,04,2014,00,00*48
\$GPGBS,082539,,,,,,,,*44
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\$HEHDT,167.0,T*2F

PORT 4 04-06-2014 08:26:31
\$GPGLL,3452.6498,N,07438.2244,W,082540,A*38
\$GPRMC,082540,A,3452.6498,N,07438.2244,W,3.8,144.9,060414,11.9,W*4B
\$GPVTG,144.9,T,156.8,M,3.8,N,7.0,K*40
\$GPZDA,082540,06,04,2014,00,00*46
\$HEHDT,167.4,T*2B
\$GPGBS,082540,,,,,,,,*4A
\$GPGGA,082541,3452.6490,N,07438.2238,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,167.6,T*29

PORT 4 04-06-2014 08:26:32
\$GPGLL,3452.6490,N,07438.2238,W,082541,A*3A
\$GPRMC,082541,A,3452.6490,N,07438.2238,W,3.8,145.2,060414,11.9,W*43
\$GPVTG,145.2,T,157.1,M,3.8,N,7.0,K*42
\$GPZDA,082541,06,04,2014,00,00*47
\$GPGBS,082541,,,,,,,,*4B
\$GPGGA,082542,3452.6481,N,07438.2234,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,168.2,T*22

PORT 4 04-06-2014 08:26:33
\$HEHDT,168.6,T*26
\$GPGLL,3452.6481,N,07438.2234,W,082542,A*35
\$GPRMC,082542,A,3452.6481,N,07438.2234,W,3.8,146.1,060414,11.9,W*4C
\$GPVTG,146.1,T,158.0,M,3.8,N,7.0,K*4C
\$GPZDA,082542,06,04,2014,00,00*44
\$GPGBS,082542,,,,,,,,*48
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\$HEHDT,169.7,T*26
PORT 12000 04-06-2014 08:26:33
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PORT 4 04-06-2014 08:26:34
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\$HEHDT,170.6,T*2F
\$GPRMC,082543,A,3452.6471,N,07438.2230,W,3.7,147.8,060414,11.9,W*41
\$GPVTG,147.8,T,159.7,M,3.7,N,6.9,K*45
\$GPZDA,082543,06,04,2014,00,00*45
\$GPGBS,082543,,,,,,,,*49
\$GPGGA,082544,3452.6460,N,07438.2224,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,171.9,T*21

PORT 4 04-06-2014 08:26:35
\$GPGLL,3452.6460,N,07438.2224,W,082544,A*3D
\$GPRMC,082544,A,3452.6460,N,07438.2224,W,3.7,150.1,060414,11.9,W*4C
\$HEHDT,172.9,T*22
\$GPVTG,150.1,T,162.0,M,3.7,N,6.9,K*45
\$GPZDA,082544,06,04,2014,00,00*42
\$GPGBS,082544,,,,,,,,*4E
\$GPGGA,082545,3452.6451,N,07438.2218,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,174.1,T*2C

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PORT 4 04-06-2014 08:26:36
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$GPRMC,082545,A,3452.6451,N,07438.2218,W,3.7,151.3,060414,11.9,W*43
$GPVTG,151.3,T,163.2,M,3.7,N,6.9,K*45
$HEHDT,175.0,T*2C
$GPZDA,082545,06,04,2014,00,00*43
$GPGBS,082545,,,,,,,,*4F
$GPGGA,082546,3452.6442,N,07438.2214,W,2,9,0.3,11,M,,M,,*5D
$HEHDT,175.8,T*24
$GPGLL,3452.6442,N,07438.2214,W,082546,A*3C
$GPRMC,082546,A,3452.6442,N,07438.2214,W,3.7,151.6,060414,11.9,W*4B
$GPVTG,151.6,T,163.5,M,3.7,N,6.9,K*47
$GPZDA,082546,06,04,2014,00,00*40
$GPGBS,082546,,,,,,,,*4C
$HEHDT,176.4,T*2B
$GPGGA,082547,3452.6433,N,07438.2212,W,2,9,0.3,11,M,,M,,*5C
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PORT 4 04-06-2014 08:26:37
$HEHDT,177.1,T*2F
$GPGLL,3452.6433,N,07438.2212,W,082547,A*3D
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$GPVTG,152.6,T,164.5,M,3.7,N,6.9,K*43
$GPZDA,082547,06,04,2014,00,00*41
$GPGBS,082547,,,,,,,,*4D
$GPGGA,082548,3452.6424,N,07438.2210,W,2,9,0.3,11,M,,M,,*57
$HEHDT,177.7,T*29
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PORT 4 04-06-2014 08:26:39
$GPGLL,3452.6424,N,07438.2210,W,082548,A*36
$HEHDT,177.5,T*2B
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$GPVTG,154.6,T,166.5,M,3.6,N,6.7,K*48
$GPZDA,082548,06,04,2014,00,00*4E
$GPGBS,082548,,,,,,,,*42
$GPGGA,082549,3452.6415,N,07438.2206,W,2,9,0.3,11,M,,M,,*53
$HEHDT,178.1,T*20
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PORT 4 04-06-2014 08:26:40
$GPGLL,3452.6415,N,07438.2206,W,082549,A*32
$GPRMC,082549,A,3452.6415,N,07438.2206,W,3.5,156.6,060414,11.9,W*40
$HEHDT,178.7,T*26
$GPVTG,156.6,T,168.5,M,3.5,N,6.5,K*45
$GPZDA,082549,06,04,2014,00,00*4F
$GPGBS,082549,,,,,,,,*43
$GPGGA,082550,3452.6406,N,07438.2202,W,2,9,0.3,11,M,,M,,*5D
$HEHDT,179.5,T*25
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PORT 4 04-06-2014 08:26:41
$GPGLL,3452.6406,N,07438.2202,W,082550,A*3C
$GPRMC,082550,A,3452.6406,N,07438.2202,W,3.5,157.9,060414,11.9,W*40
$GPVTG,157.9,T,169.8,M,3.5,N,6.5,K*47
$HEHDT,180.5,T*23
$GPZDA,082550,06,04,2014,00,00*47
$GPGBS,082550,,,,,,,,*4B
$GPGGA,082551,3452.6396,N,07438.2199,W,2,9,0.3,11,M,,M,,*53
$HEHDT,181.2,T*25
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PORT 4 04-06-2014 08:26:42
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$GPRMC,082551,A,3452.6396,N,07438.2199,W,3.5,158.8,060414,11.9,W*40
$GPVTG,158.8,T,170.7,M,3.5,N,6.5,K*4E
$GPZDA,082551,06,04,2014,00,00*46

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\$HEHDT,182.6,T*22
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PORT 4 04-06-2014 08:26:43
\$HEHDT,183.2,T*27
\$GPGLL,3452.6386,N,07438.2195,w,082552,A*3C
\$GPRMC,082552,A,3452.6386,N,07438.2195,w,3.5,159.6,060414,11.9,w*41
\$GPVTG,159.6,T,171.5,M,3.5,N,6.5,K*42
\$GPZDA,082552,06,04,2014,00,00*45
\$GPGBS,082552,,,,,,,,*49
\$GPGGA,082553,3452.6376,N,07438.2193,w,2,9,0.3,11,M,,M,,*55
\$HEHDT,184.4,T*26
PORT 12000 04-06-2014 08:26:43
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PORT 4 04-06-2014 08:26:44
\$GPGLL,3452.6376,N,07438.2193,w,082553,A*34
\$HEHDT,185.1,T*22
\$GPRMC,082553,A,3452.6376,N,07438.2193,w,3.5,160.6,060414,11.9,w*43
\$GPVTG,160.6,T,172.5,M,3.5,N,6.5,K*4B
\$GPZDA,082553,06,04,2014,00,00*44
\$GPGBS,082553,,,,,,,,*48
\$GPGGA,082554,3452.6366,N,07438.2192,w,2,9,0.3,11,M,,M,,*52
\$HEHDT,186.4,T*24

PORT 4 04-06-2014 08:26:45
\$GPGLL,3452.6366,N,07438.2192,w,082554,A*33
\$GPRMC,082554,A,3452.6366,N,07438.2192,w,3.5,161.9,060414,11.9,w*4A
\$HEHDT,186.7,T*27
\$GPVTG,161.9,T,173.8,M,3.5,N,6.5,K*49
\$GPZDA,082554,06,04,2014,00,00*43
\$GPGBS,082554,,,,,,,,*4F
\$GPGGA,082555,3452.6357,N,07438.2190,w,2,9,0.3,11,M,,M,,*53
\$HEHDT,187.5,T*24

PORT 4 04-06-2014 08:26:46
\$GPGLL,3452.6357,N,07438.2190,w,082555,A*32
\$GPRMC,082555,A,3452.6357,N,07438.2190,w,3.5,163.5,060414,11.9,w*45
\$GPVTG,163.5,T,175.4,M,3.5,N,6.5,K*4D
\$HEHDT,187.7,T*26
\$GPZDA,082555,06,04,2014,00,00*42
\$GPGBS,082555,,,,,,,,*4E
\$GPGGA,082556,3452.6347,N,07438.2189,w,2,9,0.3,11,M,,M,,*59
\$HEHDT,188.3,T*2D
\$GPGLL,3452.6347,N,07438.2189,w,082556,A*38
\$GPRMC,082556,A,3452.6347,N,07438.2189,w,3.5,164.8,060414,11.9,w*45
\$GPVTG,164.8,T,176.7,M,3.5,N,6.5,K*47
\$GPZDA,082556,06,04,2014,00,00*41
\$HEHDT,188.9,T*27
\$GPGBS,082556,,,,,,,,*4D
\$GPGGA,082557,3452.6339,N,07438.2188,w,2,9,0.3,11,M,,M,,*50

PORT 4 04-06-2014 08:26:47
\$HEHDT,190.1,T*26
\$GPGLL,3452.6339,N,07438.2188,w,082557,A*31
\$GPRMC,082557,A,3452.6339,N,07438.2188,w,3.4,166.1,060414,11.9,w*46
\$GPVTG,166.1,T,178.0,M,3.4,N,6.3,K*42
\$GPZDA,082557,06,04,2014,00,00*40
\$GPGBS,082557,,,,,,,,*4C
\$GPGGA,082558,3452.6328,N,07438.2189,w,2,6,0.3,11,M,,M,,*51
\$HEHDT,190.4,T*23
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PORT 4 04-06-2014 08:26:48

\$GPGLL,3452.6328,N,07438.2189,W,082558,A*3F
\$HEHDT,191.8,T*2E
\$GPRMC,082558,A,3452.6328,N,07438.2189,W,3.4,167.7,060414,11.9,W*4F
\$GPVTG,167.7,T,179.6,M,3.4,N,6.3,K*42
\$GPZDA,082558,06,04,2014,00,00*4F
\$GPGBS,082558,,,,,,,,*43
\$GPGGA,082559,3452.6320,N,07438.2191,W,2,6,0.3,11,M,,M,,*51
\$HEHDT,192.8,T*2D

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PORT 4 04-06-2014 08:26:49

\$GPGLL,3452.6320,N,07438.2191,W,082559,A*3F
\$GPRMC,082559,A,3452.6320,N,07438.2191,W,3.3,169.8,060414,11.9,W*49
\$HEHDT,193.4,T*20
\$GPVTG,169.8,T,181.7,M,3.3,N,6.1,K*40
\$GPZDA,082559,06,04,2014,00,00*4E
\$GPGBS,082559,,,,,,,,*42
\$GPGGA,082600,3452.6315,N,07438.2195,W,2,6,0.3,11,M,,M,,*5C
\$HEHDT,193.9,T*2D

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PORT 4 04-06-2014 08:26:51

\$GPGLL,3452.6315,N,07438.2195,W,082600,A*32
\$GPRMC,082600,A,3452.6315,N,07438.2195,W,3.2,172.2,060414,11.9,W*45
\$GPVTG,172.2,T,184.1,M,3.2,N,5.9,K*49
\$HEHDT,194.5,T*26
\$GPZDA,082600,06,04,2014,00,00*41
\$GPGBS,082600,,,,,,,,*4D
\$GPGGA,082601,3452.6307,N,07438.2198,W,1,6,0.9,11,M,,M,,*5A

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PORT 4 04-06-2014 08:26:52

\$HEHDT,195.2,T*20
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\$GPRMC,082601,A,3452.6307,N,07438.2198,W,3.1,174.3,060414,11.9,W*4E
\$GPVTG,174.3,T,186.2,M,3.1,N,5.7,K*42
\$GPZDA,082601,06,04,2014,00,00*40
\$HEHDT,195.8,T*2A
\$GPGBS,082601,,,,,,,,*4C
\$GPGGA,082602,3452.6300,N,07438.2199,W,1,9,0.9,11,M,,M,,*50

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PORT 4 04-06-2014 08:26:53

\$HEHDT,195.9,T*2B
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\$GPRMC,082602,A,3452.6300,N,07438.2199,W,3.2,175.7,060414,11.9,W*4D
\$GPVTG,175.7,T,187.6,M,3.2,N,5.9,K*4F
\$GPZDA,082602,06,04,2014,00,00*43
\$GPGBS,082602,,,,,,,,*4F
\$GPGGA,082603,3452.6292,N,07438.2202,W,1,9,0.9,11,M,,M,,*5A
\$HEHDT,196.9,T*28

PORT 12000 04-06-2014 08:26:53

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:26:54

\$HEHDT,196.8,T*29
\$GPGLL,3452.6292,N,07438.2202,W,082603,A*32
\$GPRMC,082603,A,3452.6292,N,07438.2202,W,3.2,176.7,060414,11.9,W*44
\$GPVTG,176.7,T,188.6,M,3.2,N,5.9,K*43
\$GPZDA,082603,06,04,2014,00,00*42
\$GPGBS,082603,,,,,,,,*4E
\$GPGGA,082604,3452.6281,N,07438.2201,W,1,10,1.5,11,M,,M,,*69
\$HEHDT,197.8,T*28

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PORT 4 04-06-2014 08:26:55

\$GPGLL,3452.6281,N,07438.2201,W,082604,A*34

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\$GPRMC,082604,A,3452.6281,N,07438.2201,W,3.3,177.7,060414,11.9,w*42
\$HEHDT,198.0,T*2F
\$GPVTG,177.7,T,189.6,M,3.3,N,6.1,K*49
\$GPZDA,082604,06,04,2014,00,00*45
\$GPGBS,082604,,,,,,,,*49
\$GPGGA,082605,3452.6270,N,07438.2202,W,1,10,1.1,11,M,,M,,*61
\$HEHDT,198.9,T*26

PORT 4 04-06-2014 08:26:56
\$GPGLL,3452.6270,N,07438.2202,W,082605,A*38
\$GPRMC,082605,A,3452.6270,N,07438.2202,W,3.3,179.3,060414,11.9,w*44
\$HEHDT,199.5,T*2B
\$GPVTG,179.3,T,191.2,M,3.3,N,6.1,K*4E
\$GPZDA,082605,06,04,2014,00,00*44
\$GPGBS,082605,,,,,,,,*48
\$GPGGA,082606,3452.6261,N,07438.2205,W,1,10,1.1,11,M,,M,,*65
\$HEHDT,200.9,T*24

PORT 4 04-06-2014 08:26:57
\$GPGLL,3452.6261,N,07438.2205,W,082606,A*3C
\$GPRMC,082606,A,3452.6261,N,07438.2205,W,3.4,181.1,060414,11.9,w*42
\$GPVTG,181.1,T,193.0,M,3.4,N,6.3,K*4E
\$GPZDA,082606,06,04,2014,00,00*47
\$HEHDT,201.3,T*2F
\$GPGBS,082606,,,,,,,,*4B
\$GPGGA,082607,3452.6252,N,07438.2207,W,1,10,1.1,11,M,,M,,*66

PORT 4 04-06-2014 08:26:58
\$HEHDT,201.8,T*24
\$GPGLL,3452.6252,N,07438.2207,W,082607,A*3F
\$GPRMC,082607,A,3452.6252,N,07438.2207,W,3.3,182.9,060414,11.9,w*4D
\$GPVTG,182.9,T,194.8,M,3.3,N,6.1,K*4F
\$GPZDA,082607,06,04,2014,00,00*46
\$GPGBS,082607,,,,,,,,*4A
\$HEHDT,202.6,T*29
\$GPGGA,082608,3452.6245,N,07438.2210,W,1,9,1.2,11,M,,M,,*52

PORT 4 04-06-2014 08:26:59
\$HEHDT,202.8,T*27
\$GPGLL,3452.6245,N,07438.2210,W,082608,A*30
\$GPRMC,082608,A,3452.6245,N,07438.2210,W,3.3,185.2,060414,11.9,w*4E
\$GPVTG,185.2,T,197.1,M,3.3,N,6.1,K*49
\$GPZDA,082608,06,04,2014,00,00*49
\$GPGBS,082608,,,,,,,,*45
\$GPGGA,082609,3452.6236,N,07438.2213,W,1,9,1.2,11,M,,M,,*54
\$HEHDT,203.7,T*29

PORT 4 04-06-2014 08:27:00
\$GPGLL,3452.6236,N,07438.2213,W,082609,A*36
\$HEHDT,204.0,T*29
\$GPRMC,082609,A,3452.6236,N,07438.2213,W,3.2,187.7,060414,11.9,w*4E
\$GPVTG,187.7,T,199.6,M,3.2,N,5.9,K*4D
\$GPZDA,082609,06,04,2014,00,00*48
\$GPGBS,082609,,,,,,,,*44
\$GPGGA,082610,3452.6228,N,07438.2214,W,1,9,1.1,12,M,,M,,*54
\$HEHDT,205.3,T*2B

PORT 4 04-06-2014 08:27:01
\$GPGLL,3452.6228,N,07438.2214,W,082610,A*36
\$GPRMC,082610,A,3452.6228,N,07438.2214,W,3.2,189.4,060414,11.9,w*43
\$HEHDT,205.7,T*2F
\$GPVTG,189.4,T,201.3,M,3.2,N,5.9,K*47
\$GPZDA,082610,06,04,2014,00,00*40

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\$GPGBS,082610,,,,,,,,*4C
\$GPGGA,082611,3452.6223,N,07438.2216,W,1,9,1.2,12,M,,M,,*5F
\$HEHDT,206.9,T*22

PORT 4 04-06-2014 08:27:02
\$GPGLL,3452.6223,N,07438.2216,W,082611,A*3E
\$GPRMC,082611,A,3452.6223,N,07438.2216,W,3.1,190.2,060414,11.9,w*46
\$GPVTG,190.2,T,202.1,M,3.1,N,5.7,K*45
\$HEHDT,206.8,T*23
\$GPZDA,082611,06,04,2014,00,00*41
\$GPGBS,082611,,,,,,,,*4D
\$GPGGA,082612,3452.6212,N,07438.2220,W,1,9,1.3,12,M,,M,,*5A
\$HEHDT,207.9,T*23

PORT 4 04-06-2014 08:27:03
\$GPGLL,3452.6212,N,07438.2220,W,082612,A*3A
\$GPRMC,082612,A,3452.6212,N,07438.2220,W,3.1,190.8,060414,11.9,w*48
\$GPVTG,190.8,T,202.7,M,3.1,N,5.7,K*49
\$GPZDA,082612,06,04,2014,00,00*42
\$GPGBS,082612,,,,,,,,*4E
\$HEHDT,207.9,T*23
\$GPGGA,082613,3452.6203,N,07438.2224,W,1,9,1.1,13,M,,M,,*5C
\$HEHDT,208.5,T*20
\$GPGLL,3452.6203,N,07438.2224,W,082613,A*3F
\$GPRMC,082613,A,3452.6203,N,07438.2224,W,3.1,191.9,060414,11.9,w*4D
\$GPVTG,191.9,T,203.8,M,3.1,N,5.7,K*47
\$GPZDA,082613,06,04,2014,00,00*43
\$GPGBS,082613,,,,,,,,*4F
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PORT 12000 04-06-2014 08:27:03
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PORT 4 04-06-2014 08:27:04
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\$GPGLL,3452.6194,N,07438.2225,W,082614,A*34
\$GPRMC,082614,A,3452.6194,N,07438.2225,W,3.1,193.0,060414,11.9,w*4D
\$GPVTG,193.0,T,204.9,M,3.1,N,5.7,K*4A
\$GPZDA,082614,06,04,2014,00,00*44
\$GPGBS,082614,,,,,,,,*48
\$GPGGA,082615,3452.6184,N,07438.2229,W,1,9,1.3,13,M,,M,,*59
\$HEHDT,210.6,T*2A

PORT 4 04-06-2014 08:27:06
\$GPGLL,3452.6184,N,07438.2229,W,082615,A*38
\$GPRMC,082615,A,3452.6184,N,07438.2229,W,3.2,194.5,060414,11.9,w*40
\$HEHDT,210.8,T*24
\$GPVTG,194.5,T,206.4,M,3.2,N,5.9,K*4A
\$GPZDA,082615,06,04,2014,00,00*45
\$GPGBS,082615,,,,,,,,*49
\$GPGGA,082616,3452.6174,N,07438.2234,W,2,5,0.4,13,M,,M,,*50
\$HEHDT,211.9,T*24

PORT 4 04-06-2014 08:27:07
\$GPGLL,3452.6174,N,07438.2234,W,082616,A*38
\$GPRMC,082616,A,3452.6174,N,07438.2234,W,3.2,196.6,060414,11.9,w*41
\$GPVTG,196.6,T,208.5,M,3.2,N,5.9,K*44
\$HEHDT,212.2,T*2C
\$GPZDA,082616,06,04,2014,00,00*46
\$GPGBS,082616,,,,,,,,*4A
\$GPGGA,082617,3452.6165,N,07438.2239,W,2,5,0.4,14,M,,M,,*5B
\$HEHDT,213.2,T*2D
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S01_C04_survey.Log

PORT 4 04-06-2014 08:27:08

\$GPGLL,3452.6165,N,07438.2239,W,082617,A*34
 \$GPRMC,082617,A,3452.6165,N,07438.2239,W,3.3,198.7,060414,11.9,W*43
 \$GPVTG,198.7,T,210.6,M,3.3,N,6.1,K*4B
 \$HEHDT,213.9,T*26
 \$GPZDA,082617,06,04,2014,00,00*47
 \$GPGBS,082617,,,,,,,,*4B
 \$GPGGA,082618,3452.6159,N,07438.2246,W,2,8,0.3,14,M,,M,,*59
 \$HEHDT,214.3,T*2B
 \$GPGLL,3452.6159,N,07438.2246,W,082618,A*3C
 \$GPRMC,082618,A,3452.6159,N,07438.2246,W,3.3,200.3,060414,11.9,W*4D
 \$GPVTG,200.3,T,212.2,M,3.3,N,6.1,K*4B
 \$GPZDA,082618,06,04,2014,00,00*48
 \$GPGBS,082618,,,,,,,,*44
 \$GPGGA,082619,3452.6151,N,07438.2252,W,2,8,0.3,14,M,,M,,*55
 \$HEHDT,215.6,T*2F

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PORT 4 04-06-2014 08:27:09

\$GPGLL,3452.6151,N,07438.2252,W,082619,A*30
 \$HEHDT,215.9,T*20
 \$GPRMC,082619,A,3452.6151,N,07438.2252,W,3.2,202.2,060414,11.9,W*43
 \$GPVTG,202.2,T,214.1,M,3.2,N,5.9,K*47
 \$GPZDA,082619,06,04,2014,00,00*49
 \$GPGBS,082619,,,,,,,,*45
 \$GPGGA,082620,3452.6143,N,07438.2256,W,2,8,0.3,14,M,,M,,*58
 \$HEHDT,217.1,T*2A

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PORT 4 04-06-2014 08:27:10

\$GPGLL,3452.6143,N,07438.2256,W,082620,A*3D
 \$HEHDT,218.1,T*25
 \$GPRMC,082620,A,3452.6143,N,07438.2256,W,3.2,203.9,060414,11.9,W*44
 \$GPVTG,203.9,T,215.8,M,3.2,N,5.9,K*45
 \$GPZDA,082620,06,04,2014,00,00*43
 \$GPGBS,082620,,,,,,,,*4F
 \$GPGGA,082621,3452.6134,N,07438.2261,W,2,8,0.3,14,M,,M,,*5D
 \$HEHDT,218.8,T*2C

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PORT 4 04-06-2014 08:27:11

\$GPGLL,3452.6134,N,07438.2261,W,082621,A*38
 \$GPRMC,082621,A,3452.6134,N,07438.2261,W,3.2,205.1,060414,11.9,W*4F
 \$HEHDT,219.4,T*21
 \$GPVTG,205.1,T,217.0,M,3.2,N,5.9,K*41
 \$GPZDA,082621,06,04,2014,00,00*42
 \$GPGBS,082621,,,,,,,,*4E
 \$GPGGA,082622,3452.6127,N,07438.2267,W,2,8,0.3,14,M,,M,,*5A

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PORT 4 04-06-2014 08:27:12

\$HEHDT,220.7,T*28
 \$GPGLL,3452.6127,N,07438.2267,W,082622,A*3F
 \$GPRMC,082622,A,3452.6127,N,07438.2267,W,3.1,205.7,060414,11.9,W*4D
 \$GPVTG,205.7,T,217.6,M,3.1,N,5.7,K*4C
 \$HEHDT,221.2,T*2C
 \$GPZDA,082622,06,04,2014,00,00*41
 \$GPGBS,082622,,,,,,,,*4D
 \$GPGGA,082623,3452.6119,N,07438.2274,W,2,8,0.3,14,M,,M,,*54

PORT 12000 04-06-2014 08:27:12

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:27:13

\$HEHDT,222.2,T*2F
 \$GPGLL,3452.6119,N,07438.2274,W,082623,A*31
 \$GPRMC,082623,A,3452.6119,N,07438.2274,W,3.1,206.4,060414,11.9,W*43
 \$GPVTG,206.4,T,218.3,M,3.1,N,5.7,K*46

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$GPZDA,082623,06,04,2014,00,00*40
$HEHDT,222.5,T*28
$GPGBS,082623,,,,,,,,*4C
$GPGGA,082624,3452.6112,N,07438.2281,W,2,8,0.3,14,M,,M,,*52
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PORT 4 04-06-2014 08:27:15
$HEHDT,222.7,T*2A
$GPGLL,3452.6112,N,07438.2281,W,082624,A*37
$GPRMC,082624,A,3452.6112,N,07438.2281,W,3.1,207.5,060414,11.9,W*45
$GPVTG,207.5,T,219.4,M,3.1,N,5.7,K*40
$GPZDA,082624,06,04,2014,00,00*47
$GPGBS,082624,,,,,,,,*4B
$GPGGA,082625,3452.6105,N,07438.2289,W,2,8,0.3,14,M,,M,,*5D
$HEHDT,223.9,T*25
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PORT 4 04-06-2014 08:27:16
$HEHDT,224.2,T*29
$GPGLL,3452.6105,N,07438.2289,W,082625,A*38
$GPRMC,082625,A,3452.6105,N,07438.2289,W,3.1,209.6,060414,11.9,W*47
$GPVTG,209.6,T,221.5,M,3.1,N,5.7,K*47
$GPZDA,082625,06,04,2014,00,00*46
$GPGBS,082625,,,,,,,,*4A
$GPGGA,082626,3452.6100,N,07438.2296,W,2,9,0.3,14,M,,M,,*54
$HEHDT,225.1,T*2B
#
PORT 4 04-06-2014 08:27:17
$GPGLL,3452.6100,N,07438.2296,W,082626,A*30
$GPRMC,082626,A,3452.6100,N,07438.2296,W,3.1,211.9,060414,11.9,W*49
$HEHDT,225.2,T*28
$GPVTG,211.9,T,223.8,M,3.1,N,5.7,K*4E
$GPZDA,082626,06,04,2014,00,00*45
$GPGBS,082626,,,,,,,,*49
$GPGGA,082627,3452.6096,N,07438.2304,W,2,9,0.3,14,M,,M,,*51
$HEHDT,226.3,T*2A
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PORT 4 04-06-2014 08:27:18
$GPGLL,3452.6096,N,07438.2304,W,082627,A*35
$GPRMC,082627,A,3452.6096,N,07438.2304,W,3.1,214.0,060414,11.9,W*40
$GPVTG,214.0,T,225.9,M,3.1,N,5.7,K*45
$HEHDT,226.6,T*2F
$GPZDA,082627,06,04,2014,00,00*44
$GPGBS,082627,,,,,,,,*48
$GPGGA,082628,3452.6090,N,07438.2312,W,2,9,0.3,14,M,,M,,*5F
$HEHDT,227.9,T*21
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PORT 4 04-06-2014 08:27:19
$GPGLL,3452.6090,N,07438.2312,W,082628,A*3B
$GPRMC,082628,A,3452.6090,N,07438.2312,W,3.1,216.0,060414,11.9,W*4C
$GPVTG,216.0,T,227.9,M,3.1,N,5.7,K*45
$GPZDA,082628,06,04,2014,00,00*4B
$HEHDT,228.2,T*25
$GPGBS,082628,,,,,,,,*47
$GPGGA,082629,3452.6083,N,07438.2321,W,2,9,0.3,14,M,,M,,*5C
$HEHDT,229.5,T*23
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PORT 4 04-06-2014 08:27:20
$GPGLL,3452.6083,N,07438.2321,W,082629,A*38
$GPRMC,082629,A,3452.6083,N,07438.2321,W,3.0,218.2,060414,11.9,W*42
$GPVTG,218.2,T,230.1,M,3.0,N,5.6,K*47
$GPZDA,082629,06,04,2014,00,00*4A
$GPGBS,082629,,,,,,,,*46
$GPGGA,082630,3452.6077,N,07438.2328,W,2,8,0.3,14,M,,M,,*57
$HEHDT,229.8,T*2E

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PORT 4 04-06-2014 08:27:21
$GPGLL,3452.6077,N,07438.2328,W,082630,A*32
$HEHDT,231.2,T*2D
$GPRMC,082630,A,3452.6077,N,07438.2328,W,3.1,220.0,060414,11.9,W*40
$GPVTG,220.0,T,231.9,M,3.1,N,5.7,K*47
$GPZDA,082630,06,04,2014,00,00*42
$GPGBS,082630,,,,,,,,*4E
$GPGGA,082631,3452.6069,N,07438.2336,W,2,8,0.3,14,M,,M,,*56
$HEHDT,232.4,T*28
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PORT 4 04-06-2014 08:27:22
$GPGLL,3452.6069,N,07438.2336,W,082631,A*33
$HEHDT,232.8,T*24
$GPRMC,082631,A,3452.6069,N,07438.2336,W,3.1,221.4,060414,11.9,W*44
$GPVTG,221.4,T,233.3,M,3.1,N,5.7,K*4A
$GPZDA,082631,06,04,2014,00,00*43
$GPGBS,082631,,,,,,,,*4F
$GPGGA,082632,3452.6065,N,07438.2346,W,2,8,0.3,14,M,,M,,*5E
$HEHDT,233.5,T*28
#
PORT 4 04-06-2014 08:27:23
$GPGLL,3452.6065,N,07438.2346,W,082632,A*3B
$GPRMC,082632,A,3452.6065,N,07438.2346,W,3.1,222.3,060414,11.9,W*48
$HEHDT,233.7,T*2A
$GPVTG,222.3,T,234.2,M,3.1,N,5.7,K*48
$GPZDA,082632,06,04,2014,00,00*40
$GPGBS,082632,,,,,,,,*4C
$GPGGA,082633,3452.6061,N,07438.2354,W,2,8,0.3,14,M,,M,,*58
$HEHDT,234.5,T*2F
PORT 12000 04-06-2014 08:27:23
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PORT 4 04-06-2014 08:27:24
$GPGLL,3452.6061,N,07438.2354,W,082633,A*3D
$GPRMC,082633,A,3452.6061,N,07438.2354,W,3.1,223.0,060414,11.9,W*4C
$GPVTG,223.0,T,234.9,M,3.1,N,5.7,K*41
$HEHDT,234.4,T*2E
$GPZDA,082633,06,04,2014,00,00*41
$GPGBS,082633,,,,,,,,*4D
$GPGGA,082634,3452.6055,N,07438.2362,W,2,9,0.3,14,M,,M,,*5C
$HEHDT,234.7,T*2D
$GPGLL,3452.6055,N,07438.2362,W,082634,A*38
$GPRMC,082634,A,3452.6055,N,07438.2362,W,3.1,223.8,060414,11.9,W*41
$GPVTG,223.8,T,235.7,M,3.1,N,5.7,K*46
$GPZDA,082634,06,04,2014,00,00*46
$GPGBS,082634,,,,,,,,*4A
$HEHDT,235.1,T*2A
$GPGGA,082635,3452.6050,N,07438.2373,W,2,9,0.3,14,M,,M,,*58
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PORT 4 04-06-2014 08:27:25
$HEHDT,235.7,T*2C
$GPGLL,3452.6050,N,07438.2373,W,082635,A*3C
$GPRMC,082635,A,3452.6050,N,07438.2373,W,3.1,225.0,060414,11.9,W*4B
$GPVTG,225.0,T,236.9,M,3.1,N,5.7,K*45
$GPZDA,082635,06,04,2014,00,00*47
$GPGBS,082635,,,,,,,,*4B
$GPGGA,082636,3452.6046,N,07438.2384,W,2,9,0.3,14,M,,M,,*54
$HEHDT,235.5,T*2E
#
PORT 4 04-06-2014 08:27:26
$GPGLL,3452.6046,N,07438.2384,W,082636,A*30
$HEHDT,236.1,T*29
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S01_C04_survey.Log

\$GPRMC,082636,A,3452.6046,N,07438.2384,W,3.2,227.3,060414,11.9,w*45
\$GPVTG,227.3,T,239.2,M,3.2,N,5.9,K*4D
\$GPZDA,082636,06,04,2014,00,00*44
\$GPGBS,082636,,,,,,,,*48
\$GPGGA,082637,3452.6042,N,07438.2393,W,2,9,0.3,14,M,,M,,*57
\$HEHDT,236.5,T*2D

#

PORT 4 04-06-2014 08:27:27
\$GPGLL,3452.6042,N,07438.2393,W,082637,A*33
\$GPRMC,082637,A,3452.6042,N,07438.2393,W,3.2,230.0,060414,11.9,w*43
\$HEHDT,236.7,T*2F
\$GPVTG,230.0,T,241.9,M,3.2,N,5.9,K*4C
\$GPZDA,082637,06,04,2014,00,00*45
\$GPGBS,082637,,,,,,,,*49
\$GPGGA,082638,3452.6039,N,07438.2402,W,2,9,0.3,14,M,,M,,*5B

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PORT 4 04-06-2014 08:27:28
\$HEHDT,237.7,T*2E
\$GPGLL,3452.6039,N,07438.2402,W,082638,A*3F
\$GPRMC,082638,A,3452.6039,N,07438.2402,W,3.2,232.2,060414,11.9,w*4F
\$GPVTG,232.2,T,244.1,M,3.2,N,5.9,K*41
\$HEHDT,237.4,T*2D
\$GPZDA,082638,06,04,2014,00,00*4A
\$GPGBS,082638,,,,,,,,*46
\$GPGGA,082639,3452.6035,N,07438.2411,W,2,9,0.3,14,M,,M,,*54

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PORT 4 04-06-2014 08:27:30
\$HEHDT,238.2,T*24
\$GPGLL,3452.6035,N,07438.2411,W,082639,A*30
\$GPRMC,082639,A,3452.6035,N,07438.2411,W,3.2,233.5,060414,11.9,w*46
\$GPVTG,233.5,T,245.4,M,3.2,N,5.9,K*43
\$GPZDA,082639,06,04,2014,00,00*4B
\$HEHDT,238.5,T*23
\$GPGBS,082639,,,,,,,,*47
\$GPGGA,082640,3452.6029,N,07438.2420,W,2,9,0.3,13,M,,M,,*52

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PORT 4 04-06-2014 08:27:31
\$HEHDT,239.0,T*27
\$GPGLL,3452.6029,N,07438.2420,W,082640,A*31
\$GPRMC,082640,A,3452.6029,N,07438.2420,W,3.1,234.4,060414,11.9,w*42
\$GPVTG,234.4,T,246.3,M,3.1,N,5.7,K*4C
\$GPZDA,082640,06,04,2014,00,00*45
\$GPGBS,082640,,,,,,,,*49
\$GPGGA,082641,3452.6025,N,07438.2430,W,2,9,0.4,13,M,,M,,*59
\$HEHDT,239.4,T*23

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PORT 4 04-06-2014 08:27:32
\$GPGLL,3452.6025,N,07438.2430,W,082641,A*3D
\$HEHDT,239.1,T*26
\$GPRMC,082641,A,3452.6025,N,07438.2430,W,3.1,235.4,060414,11.9,w*4F
\$GPVTG,235.4,T,247.3,M,3.1,N,5.7,K*4C
\$GPZDA,082641,06,04,2014,00,00*44
\$GPGBS,082641,,,,,,,,*48
\$GPGGA,082642,3452.6021,N,07438.2440,W,2,6,0.4,13,M,,M,,*56
\$HEHDT,239.6,T*21

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PORT 4 04-06-2014 08:27:33
\$GPGLL,3452.6021,N,07438.2440,W,082642,A*3D
\$GPRMC,082642,A,3452.6021,N,07438.2440,W,3.1,236.6,060414,11.9,w*4E
\$HEHDT,239.4,T*23
\$GPVTG,236.6,T,248.5,M,3.1,N,5.7,K*44
\$GPZDA,082642,06,04,2014,00,00*47
\$GPGBS,082642,,,,,,,,*4B

S01_C04_survey.Log

\$GPGGA,082643,3452.6015,N,07438.2452,W,2,6,0.4,13,M,,M,,*53
\$HEHDT,239.6,T*21
PORT 12000 04-06-2014 08:27:33
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:27:34
\$GPGLL,3452.6015,N,07438.2452,W,082643,A*38
\$GPRMC,082643,A,3452.6015,N,07438.2452,W,3.2,237.5,060414,11.9,W*4A
\$GPVTG,237.5,T,249.4,M,3.2,N,5.9,K*4B
\$HEHDT,240.0,T*29
\$GPZDA,082643,06,04,2014,00,00*46
\$GPGBS,082643,,,,,,,,*4A
\$GPGGA,082644,3452.6010,N,07438.2464,W,2,6,0.3,13,M,,M,,*53
\$HEHDT,240.1,T*28

PORT 4 04-06-2014 08:27:35
\$GPGLL,3452.6010,N,07438.2464,W,082644,A*3F
\$GPRMC,082644,A,3452.6010,N,07438.2464,W,3.2,238.1,060414,11.9,W*46
\$GPVTG,238.1,T,250.0,M,3.2,N,5.9,K*4C
\$GPZDA,082644,06,04,2014,00,00*41
\$HEHDT,240.6,T*2F
\$GPGBS,082644,,,,,,,,*4D
\$GPGGA,082645,3452.6006,N,07438.2476,W,2,6,0.3,13,M,,M,,*56
\$HEHDT,240.6,T*2F

PORT 4 04-06-2014 08:27:36
\$GPGLL,3452.6006,N,07438.2476,W,082645,A*3A
\$GPRMC,082645,A,3452.6006,N,07438.2476,W,3.3,239.0,060414,11.9,W*42
\$GPVTG,239.0,T,250.9,M,3.3,N,6.1,K*4F
\$GPZDA,082645,06,04,2014,00,00*40
\$GPGBS,082645,,,,,,,,*4C
\$GPGGA,082646,3452.6003,N,07438.2484,W,2,6,0.3,13,M,,M,,*5D
\$HEHDT,241.0,T*28

PORT 4 04-06-2014 08:27:37
\$GPGLL,3452.6003,N,07438.2484,W,082646,A*31
\$HEHDT,240.8,T*21
\$GPRMC,082646,A,3452.6003,N,07438.2484,W,3.3,239.9,060414,11.9,W*40
\$GPVTG,239.9,T,251.8,M,3.3,N,6.1,K*46
\$GPZDA,082646,06,04,2014,00,00*43
\$GPGBS,082646,,,,,,,,*4F
\$GPGGA,082647,3452.5999,N,07438.2495,W,2,6,0.3,13,M,,M,,*55
\$HEHDT,241.3,T*2B

PORT 4 04-06-2014 08:27:38
\$GPGLL,3452.5999,N,07438.2495,W,082647,A*39
\$HEHDT,241.0,T*28
\$GPRMC,082647,A,3452.5999,N,07438.2495,W,3.3,240.9,060414,11.9,W*46
\$GPVTG,240.9,T,252.8,M,3.3,N,6.1,K*4B
\$GPZDA,082647,06,04,2014,00,00*42
\$GPGBS,082647,,,,,,,,*4E
\$GPGGA,082648,3452.5995,N,07438.2506,W,2,6,0.3,13,M,,M,,*5D
\$HEHDT,241.0,T*28
\$GPGLL,3452.5995,N,07438.2506,W,082648,A*31
\$GPRMC,082648,A,3452.5995,N,07438.2506,W,3.5,242.3,060414,11.9,W*40
\$GPVTG,242.3,T,254.2,M,3.5,N,6.5,K*4D
\$HEHDT,240.6,T*2F
\$GPZDA,082648,06,04,2014,00,00*4D
\$GPGBS,082648,,,,,,,,*41
\$GPGGA,082649,3452.5990,N,07438.2517,W,2,6,0.3,13,M,,M,,*59

PORT 4 04-06-2014 08:27:39
\$HEHDT,240.5,T*2C

S01_C04_survey.Log

\$GPGLL,3452.5990,N,07438.2517,W,082649,A*35
\$GPRMC,082649,A,3452.5990,N,07438.2517,W,3.5,242.3,060414,11.9,w*44
\$GPVTG,242.3,T,254.2,M,3.5,N,6.5,K*4D
\$GPZDA,082649,06,04,2014,00,00*4C
\$HEHDT,240.2,T*2B
\$GPGBS,082649,,,,,,,,*40
\$GPGGA,082650,3452.5988,N,07438.2528,W,2,9,0.3,13,M,,M,,*5B

PORT 4 04-06-2014 08:27:40
\$HEHDT,239.9,T*2E
\$GPGLL,3452.5988,N,07438.2528,W,082650,A*38
\$GPRMC,082650,A,3452.5988,N,07438.2528,W,3.5,243.1,060414,11.9,w*4A
\$GPVTG,243.1,T,255.0,M,3.5,N,6.5,K*4D
\$GPZDA,082650,06,04,2014,00,00*44
\$GPGBS,082650,,,,,,,,*48
\$GPGGA,082651,3452.5983,N,07438.2538,W,2,9,0.3,13,M,,M,,*50
\$HEHDT,239.9,T*2E

PORT 4 04-06-2014 08:27:41
\$GPGLL,3452.5983,N,07438.2538,W,082651,A*33
\$HEHDT,239.9,T*2E
\$GPRMC,082651,A,3452.5983,N,07438.2538,W,3.5,244.0,060414,11.9,w*47
\$GPVTG,244.0,T,255.9,M,3.5,N,6.5,K*42
\$GPZDA,082651,06,04,2014,00,00*45
\$GPGBS,082651,,,,,,,,*49
\$GPGGA,082652,3452.5979,N,07438.2549,W,2,9,0.3,13,M,,M,,*50
\$HEHDT,239.8,T*2F

PORT 4 04-06-2014 08:27:42
\$GPGLL,3452.5979,N,07438.2549,W,082652,A*33
\$GPRMC,082652,A,3452.5979,N,07438.2549,W,3.5,244.8,060414,11.9,w*4F
\$HEHDT,239.9,T*2E
\$GPVTG,244.8,T,256.7,M,3.5,N,6.5,K*47
\$GPZDA,082652,06,04,2014,00,00*46
\$GPGBS,082652,,,,,,,,*4A
\$GPGGA,082653,3452.5974,N,07438.2559,W,2,9,0.3,13,M,,M,,*5D
\$HEHDT,239.9,T*2E
PORT 12000 04-06-2014 08:27:42
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:27:44
\$GPGLL,3452.5974,N,07438.2559,W,082653,A*3E
\$GPRMC,082653,A,3452.5974,N,07438.2559,W,3.4,245.1,060414,11.9,w*4B
\$HEHDT,239.9,T*2E
\$GPVTG,245.1,T,257.0,M,3.4,N,6.3,K*4E
\$GPZDA,082653,06,04,2014,00,00*47
\$GPGBS,082653,,,,,,,,*4B
\$GPGGA,082654,3452.5970,N,07438.2570,W,2,9,0.3,13,M,,M,,*55
\$HEHDT,239.9,T*2E

PORT 4 04-06-2014 08:27:45
\$GPGLL,3452.5970,N,07438.2570,W,082654,A*36
\$GPRMC,082654,A,3452.5970,N,07438.2570,W,3.4,245.0,060414,11.9,w*42
\$GPVTG,245.0,T,256.9,M,3.4,N,6.3,K*47
\$HEHDT,239.4,T*23
\$GPZDA,082654,06,04,2014,00,00*40
\$GPGBS,082654,,,,,,,,*4C
\$GPGGA,082655,3452.5966,N,07438.2581,W,2,9,0.3,13,M,,M,,*5D
\$HEHDT,239.5,T*22

PORT 4 04-06-2014 08:27:46
\$GPGLL,3452.5966,N,07438.2581,W,082655,A*3E
\$GPRMC,082655,A,3452.5966,N,07438.2581,W,3.5,245.2,060414,11.9,w*49

S01_C04_survey.Log

\$GPVTG,245.2,T,257.1,M,3.5,N,6.5,K*4B
\$GPZDA,082655,06,04,2014,00,00*41
\$GPGBS,082655,,,,,,,,*4D
\$HEHDT,238.4,T*22
\$GPGGA,082656,3452.5961,N,07438.2592,W,2,9,0.3,13,M,,M,,*5B

PORT 5 04-06-2014 08:27:48
IN
PORT 4 04-06-2014 08:27:48
\$GPGLL,3452.5966,N,07438.2581,W,082655,A*3E
\$GPRMC,082655,A,3452.5966,N,07438.2581,W,3.5,245.2,060414,11.9,w*49
\$GPVTG,245.2,T,257.1,M,3.5,N,6.5,K*4B
\$GPZDA,082655,06,04,2014,00,00*41
\$GPGBS,082655,,,,,,,,*4D
\$HEHDT,238.4,T*22
\$GPGGA,082656,3452.5961,N,07438.2592,W,2,9,0.3,13,M,,M,,*5B
\$HEHDT,238.5,T*23
\$GPGLL,3452.5961,N,07438.2592,W,082656,A*38
\$GPRMC,082656,A,3452.5961,N,07438.2592,W,3.5,245.2,060414,11.9,w*4F
\$GPVTG,245.2,T,257.1,M,3.5,N,6.5,K*4B
\$GPZDA,082656,06,04,2014,00,00*42
\$GPGBS,082656,,,,,,,,*4E
\$GPGGA,082657,3452.5957,N,07438.2603,W,2,9,0.3,13,M,,M,,*54
\$HEHDT,238.5,T*23
\$HEHDT,238.1,T*27
\$GPGLL,3452.5957,N,07438.2603,W,082657,A*37
\$GPRMC,082657,A,3452.5957,N,07438.2603,W,3.5,245.3,060414,11.9,w*41
\$GPVTG,245.3,T,257.2,M,3.5,N,6.5,K*49
\$GPZDA,082657,06,04,2014,00,00*43
\$GPGBS,082657,,,,,,,,*4F
\$GPGGA,082658,3452.5952,N,07438.2614,W,2,9,0.3,13,M,,M,,*58
\$HEHDT,238.5,T*23

PORT 4 04-06-2014 08:27:49
\$GPGLL,3452.5952,N,07438.2614,W,082658,A*3B
\$GPRMC,082658,A,3452.5952,N,07438.2614,W,3.6,245.5,060414,11.9,w*48
\$HEHDT,238.0,T*26
\$GPVTG,245.5,T,257.4,M,3.6,N,6.7,K*48
\$GPZDA,082658,06,04,2014,00,00*4C
\$GPGBS,082658,,,,,,,,*40
\$GPGGA,082659,3452.5948,N,07438.2626,W,2,9,0.3,13,M,,M,,*53
\$HEHDT,238.3,T*25

PORT 4 04-06-2014 08:27:50
\$GPGLL,3452.5948,N,07438.2626,W,082659,A*30
\$GPRMC,082659,A,3452.5948,N,07438.2626,W,3.6,245.5,060414,11.9,w*43
\$HEHDT,238.3,T*25
\$GPVTG,245.5,T,257.4,M,3.6,N,6.7,K*48
\$GPZDA,082659,06,04,2014,00,00*4D
\$GPGBS,082659,,,,,,,,*41
\$GPGGA,082700,3452.5945,N,07438.2639,W,2,9,0.3,13,M,,M,,*5D
\$HEHDT,238.1,T*27

PORT 5 04-06-2014 08:27:51
04200 ms
*
PORT 4 04-06-2014 08:27:51
\$GPGLL,3452.5945,N,07438.2639,W,082700,A*3E
\$GPRMC,082700,A,3452.5945,N,07438.2639,W,3.7,246.1,060414,11.9,w*4B
\$GPVTG,246.1,T,258.0,M,3.7,N,6.9,K*4B
\$GPZDA,082700,06,04,2014,00,00*40
\$HEHDT,238.3,T*25
\$GPGBS,082700,,,,,,,,*4C

S01_C04_survey.Log

\$GPGGA,082701,3452.5939,N,07438.2650,W,2,9,0.3,13,M,,M,,*58
\$HEHDT,237.4,T*2D

#

PORT 4 04-06-2014 08:27:52

\$GPGLL,3452.5939,N,07438.2650,W,082701,A*3B
\$GPRMC,082701,A,3452.5939,N,07438.2650,W,3.7,246.0,060414,11.9,W*4F
\$GPVTG,246.0,T,257.9,M,3.7,N,6.9,K*4C
\$GPZDA,082701,06,04,2014,00,00*41
\$GPGBS,082701,,,,,,,,*4D

\$HEHDT,237.5,T*2C

\$GPGGA,082702,3452.5934,N,07438.2661,W,2,9,0.3,13,M,,M,,*54

\$GPGLL,3452.5934,N,07438.2661,W,082702,A*37

\$HEHDT,237.7,T*2E

\$GPRMC,082702,A,3452.5934,N,07438.2661,W,3.7,245.3,060414,11.9,W*43

\$GPVTG,245.3,T,257.2,M,3.7,N,6.9,K*47

\$GPZDA,082702,06,04,2014,00,00*42

\$GPGBS,082702,,,,,,,,*4E

\$GPGGA,082703,3452.5927,N,07438.2672,W,2,9,0.3,13,M,,M,,*55

\$HEHDT,237.1,T*28

PORT 12000 04-06-2014 08:27:52

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:27:53

\$GPGLL,3452.5927,N,07438.2672,W,082703,A*36

\$HEHDT,237.4,T*2D

\$GPRMC,082703,A,3452.5927,N,07438.2672,W,3.7,245.3,060414,11.9,W*42

\$GPVTG,245.3,T,257.2,M,3.7,N,6.9,K*47

\$GPZDA,082703,06,04,2014,00,00*43

\$GPGBS,082703,,,,,,,,*4F

\$GPGGA,082704,3452.5923,N,07438.2682,W,2,9,0.3,13,M,,M,,*59

\$HEHDT,237.1,T*28

#

PORT 4 04-06-2014 08:27:54

\$GPGLL,3452.5923,N,07438.2682,W,082704,A*3A

\$GPRMC,082704,A,3452.5923,N,07438.2682,W,3.7,243.3,060414,11.9,W*48

\$HEHDT,237.7,T*2E

\$GPVTG,243.3,T,255.2,M,3.7,N,6.9,K*43

\$GPZDA,082704,06,04,2014,00,00*44

\$GPGBS,082704,,,,,,,,*48

\$GPGGA,082705,3452.5917,N,07438.2690,W,2,9,0.3,13,M,,M,,*5C

#

PORT 4 04-06-2014 08:27:56

\$HEHDT,238.0,T*26

\$GPGLL,3452.5917,N,07438.2690,W,082705,A*3F

\$GPRMC,082705,A,3452.5917,N,07438.2690,W,3.7,242.7,060414,11.9,W*48

\$GPVTG,242.7,T,254.6,M,3.7,N,6.9,K*43

\$HEHDT,237.9,T*20

\$GPZDA,082705,06,04,2014,00,00*45

\$GPGBS,082705,,,,,,,,*49

\$GPGGA,082706,3452.5913,N,07438.2701,W,2,9,0.3,12,M,,M,,*53

#

PORT 4 04-06-2014 08:27:57

\$HEHDT,238.0,T*26

\$GPGLL,3452.5913,N,07438.2701,W,082706,A*31

\$GPRMC,082706,A,3452.5913,N,07438.2701,W,3.6,242.3,060414,11.9,W*43

\$GPVTG,242.3,T,254.2,M,3.6,N,6.7,K*4C

\$GPZDA,082706,06,04,2014,00,00*46

\$GPGBS,082706,,,,,,,,*4A

\$HEHDT,237.2,T*2B

\$GPGGA,082707,3452.5909,N,07438.2711,W,2,9,0.3,12,M,,M,,*58

#

PORT 4 04-06-2014 08:27:58

\$HEHDT,237.4,T*2D

S01_C04_survey.Log

\$GPGLL,3452.5909,N,07438.2711,W,082707,A*3A
\$GPRMC,082707,A,3452.5909,N,07438.2711,W,3.6,242.4,060414,11.9,W*4F
\$GPVTG,242.4,T,254.3,M,3.6,N,6.7,K*4A
\$GPZDA,082707,06,04,2014,00,00*47
\$GPGBS,082707,,,,,,,,*4B
\$GPGGA,082708,3452.5905,N,07438.2722,W,2,9,0.3,12,M,,M,,*5B
\$HEHDT,237.2,T*2B

#

PORT 4 04-06-2014 08:27:59

\$GPGLL,3452.5905,N,07438.2722,W,082708,A*39
\$HEHDT,237.4,T*2D
\$GPRMC,082708,A,3452.5905,N,07438.2722,W,3.6,242.9,060414,11.9,W*41
\$GPVTG,242.9,T,254.8,M,3.6,N,6.7,K*4C
\$GPZDA,082708,06,04,2014,00,00*48
\$GPGBS,082708,,,,,,,,*44
\$GPGGA,082709,3452.5901,N,07438.2734,W,2,9,0.3,12,M,,M,,*59
\$HEHDT,237.6,T*2F

#

PORT 4 04-06-2014 08:28:00

\$GPGLL,3452.5901,N,07438.2734,W,082709,A*3B
\$GPRMC,082709,A,3452.5901,N,07438.2734,W,3.7,243.7,060414,11.9,W*4D
\$HEHDT,237.4,T*2D
\$GPVTG,243.7,T,255.6,M,3.7,N,6.9,K*43
\$GPZDA,082709,06,04,2014,00,00*49
\$GPGBS,082709,,,,,,,,*45
\$GPGGA,082710,3452.5896,N,07438.2747,W,2,9,0.3,12,M,,M,,*5A
\$HEHDT,237.9,T*20

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PORT 4 04-06-2014 08:28:01

\$GPGLL,3452.5896,N,07438.2747,W,082710,A*38
\$GPRMC,082710,A,3452.5896,N,07438.2747,W,3.7,244.3,060414,11.9,W*4D
\$GPVTG,244.3,T,256.2,M,3.7,N,6.9,K*47
\$HEHDT,238.4,T*22
\$GPZDA,082710,06,04,2014,00,00*41
\$GPGBS,082710,,,,,,,,*4D
\$GPGGA,082711,3452.5891,N,07438.2758,W,2,9,0.3,12,M,,M,,*52

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PORT 4 04-06-2014 08:28:02

\$HEHDT,238.0,T*26
\$GPGLL,3452.5891,N,07438.2758,W,082711,A*30
\$GPRMC,082711,A,3452.5891,N,07438.2758,W,3.7,243.8,060414,11.9,W*49
\$GPVTG,243.8,T,255.7,M,3.7,N,6.9,K*4D
\$GPZDA,082711,06,04,2014,00,00*40
\$HEHDT,238.5,T*23
\$GPGBS,082711,,,,,,,,*4C
\$GPGGA,082712,3452.5884,N,07438.2769,W,2,9,0.3,12,M,,M,,*57

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PORT 4 04-06-2014 08:28:03

\$HEHDT,238.1,T*27
\$GPGLL,3452.5884,N,07438.2769,W,082712,A*35
\$GPRMC,082712,A,3452.5884,N,07438.2769,W,3.8,242.5,060414,11.9,W*4F
\$GPVTG,242.5,T,254.4,M,3.8,N,7.0,K*44
\$GPZDA,082712,06,04,2014,00,00*43
\$GPGBS,082712,,,,,,,,*4F
\$GPGGA,082713,3452.5877,N,07438.2780,W,2,9,0.3,12,M,,M,,*5D
\$HEHDT,238.5,T*23

PORT 12000 04-06-2014 08:28:03

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:28:04

\$GPGLL,3452.5877,N,07438.2780,W,082713,A*3F
\$HEHDT,237.9,T*20
\$GPRMC,082713,A,3452.5877,N,07438.2780,W,3.8,241.4,060414,11.9,W*47

S01_C04_survey.Log

\$GPVTG,241.4,T,253.3,M,3.8,N,7.0,K*46
\$GPZDA,082713,06,04,2014,00,00*42
\$GPGBS,082713,,,,,,*4E
\$GPGGA,082714,3452.5872,N,07438.2792,W,2,9,0.3,12,M,,M,,*5C
\$HEHDT,238.2,T*24

PORT 4 04-06-2014 08:28:05
\$GPGLL,3452.5872,N,07438.2792,W,082714,A*3E
\$GPRMC,082714,A,3452.5872,N,07438.2792,W,3.9,241.0,060414,11.9,W*43
\$HEHDT,238.4,T*22
\$GPVTG,241.0,T,252.9,M,3.9,N,7.2,K*4A
\$GPZDA,082714,06,04,2014,00,00*45
\$GPGBS,082714,,,,,,*49
\$GPGGA,082715,3452.5867,N,07438.2805,W,2,9,0.3,12,M,,M,,*58
\$HEHDT,237.9,T*20

PORT 4 04-06-2014 08:28:06
\$GPGLL,3452.5867,N,07438.2805,W,082715,A*3A
\$GPRMC,082715,A,3452.5867,N,07438.2805,W,3.9,241.7,060414,11.9,W*40
\$GPVTG,241.7,T,253.6,M,3.9,N,7.2,K*43
\$HEHDT,238.1,T*27
\$GPZDA,082715,06,04,2014,00,00*44
\$GPGBS,082715,,,,,,*48
\$GPGGA,082716,3452.5862,N,07438.2817,W,2,9,0.3,12,M,,M,,*5D
\$HEHDT,237.9,T*20

PORT 4 04-06-2014 08:28:07
\$GPGLL,3452.5862,N,07438.2817,W,082716,A*3F
\$GPRMC,082716,A,3452.5862,N,07438.2817,W,3.9,242.5,060414,11.9,W*44
\$GPVTG,242.5,T,254.4,M,3.9,N,7.2,K*47
\$GPZDA,082716,06,04,2014,00,00*47
\$HEHDT,238.1,T*27
\$GPGBS,082716,,,,,,*4B
\$GPGGA,082717,3452.5859,N,07438.2828,W,2,9,0.3,12,M,,M,,*58

PORT 4 04-06-2014 08:28:08
\$HEHDT,238.4,T*22
\$GPGLL,3452.5859,N,07438.2828,W,082717,A*3A
\$GPRMC,082717,A,3452.5859,N,07438.2828,W,3.9,243.3,060414,11.9,W*46
\$GPVTG,243.3,T,255.2,M,3.9,N,7.2,K*47
\$GPZDA,082717,06,04,2014,00,00*46
\$GPGBS,082717,,,,,,*4A
\$GPGGA,082718,3452.5855,N,07438.2839,W,2,9,0.3,12,M,,M,,*5B
\$HEHDT,238.2,T*24

PORT 4 04-06-2014 08:28:09
\$GPGLL,3452.5855,N,07438.2839,W,082718,A*39
\$HEHDT,238.3,T*25
\$GPRMC,082718,A,3452.5855,N,07438.2839,W,3.8,243.9,060414,11.9,W*4E
\$GPVTG,243.9,T,255.8,M,3.8,N,7.0,K*44
\$GPZDA,082718,06,04,2014,00,00*49
\$GPGBS,082718,,,,,,*45
\$GPGGA,082719,3452.5851,N,07438.2850,W,2,9,0.3,12,M,,M,,*51
\$HEHDT,238.4,T*22

PORT 4 04-06-2014 08:28:10
\$GPGLL,3452.5851,N,07438.2850,W,082719,A*33
\$GPRMC,082719,A,3452.5851,N,07438.2850,W,3.8,243.8,060414,11.9,W*45
\$HEHDT,238.6,T*20
\$GPVTG,243.8,T,255.7,M,3.8,N,7.0,K*4A
\$GPZDA,082719,06,04,2014,00,00*48
\$GPGBS,082719,,,,,,*44
\$GPGGA,082720,3452.5845,N,07438.2861,W,2,9,0.3,12,M,,M,,*5C

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\$HEHDT,239.0,T*27

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PORT 4 04-06-2014 08:28:11

\$GPGLL,3452.5845,N,07438.2861,W,082720,A*3E

\$GPRMC,082720,A,3452.5845,N,07438.2861,W,3.8,243.6,060414,11.9,W*46

\$GPVTG,243.6,T,255.5,M,3.8,N,7.0,K*46

\$HEHDT,238.7,T*21

\$GPZDA,082720,06,04,2014,00,00*42

\$GPGBS,082720,,,,,,,,*4E

\$GPGGA,082721,3452.5840,N,07438.2872,W,2,9,0.3,12,M,,M,,*5A

\$HEHDT,238.9,T*2F

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PORT 4 04-06-2014 08:28:12

\$GPGLL,3452.5840,N,07438.2872,W,082721,A*38

\$GPRMC,082721,A,3452.5840,N,07438.2872,W,3.8,242.9,060414,11.9,W*4E

\$GPVTG,242.9,T,254.8,M,3.8,N,7.0,K*44

\$GPZDA,082721,06,04,2014,00,00*43

\$HEHDT,239.1,T*26

\$GPGBS,082721,,,,,,,,*4F

\$GPGGA,082722,3452.5833,N,07438.2883,W,2,9,0.3,12,M,,M,,*53

\$HEHDT,239.0,T*27

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PORT 4 04-06-2014 08:28:13

\$GPGLL,3452.5833,N,07438.2883,W,082722,A*31

\$GPRMC,082722,A,3452.5833,N,07438.2883,W,3.8,242.3,060414,11.9,W*4D

\$GPVTG,242.3,T,254.2,M,3.8,N,7.0,K*44

\$GPZDA,082722,06,04,2014,00,00*40

\$GPGBS,082722,,,,,,,,*4C

\$GPGGA,082723,3452.5829,N,07438.2895,W,2,9,0.3,12,M,,M,,*5E

\$HEHDT,239.2,T*25

\$HEHDT,239.0,T*27

\$GPGLL,3452.5829,N,07438.2895,W,082723,A*3C

\$GPRMC,082723,A,3452.5829,N,07438.2895,W,3.8,242.2,060414,11.9,W*41

\$GPVTG,242.2,T,254.1,M,3.8,N,7.0,K*46

\$GPZDA,082723,06,04,2014,00,00*41

\$GPGBS,082723,,,,,,,,*4D

\$GPGGA,082724,3452.5824,N,07438.2907,W,2,9,0.3,12,M,,M,,*5E

\$HEHDT,239.3,T*24

PORT 12000 04-06-2014 08:28:13

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:28:15

\$GPGLL,3452.5824,N,07438.2907,W,082724,A*3C

\$GPRMC,082724,A,3452.5824,N,07438.2907,W,3.9,242.9,060414,11.9,W*4B

\$HEHDT,238.5,T*23

\$GPVTG,242.9,T,254.8,M,3.9,N,7.2,K*47

\$GPZDA,082724,06,04,2014,00,00*46

\$GPGBS,082724,,,,,,,,*4A

\$GPGGA,082725,3452.5819,N,07438.2921,W,2,9,0.3,12,M,,M,,*55

\$HEHDT,238.6,T*20

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PORT 4 04-06-2014 08:28:16

\$GPGLL,3452.5819,N,07438.2921,W,082725,A*37

\$GPRMC,082725,A,3452.5819,N,07438.2921,W,3.9,244.2,060414,11.9,W*4D

\$HEHDT,238.4,T*22

\$GPVTG,244.2,T,256.1,M,3.9,N,7.2,K*41

\$GPZDA,082725,06,04,2014,00,00*47

\$GPGBS,082725,,,,,,,,*4B

\$GPGGA,082726,3452.5815,N,07438.2935,W,2,9,0.3,12,M,,M,,*5F

\$HEHDT,237.9,T*20

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PORT 4 04-06-2014 08:28:17

\$GPGLL,3452.5815,N,07438.2935,W,082726,A*3D

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\$GPRMC,082726,A,3452.5815,N,07438.2935,W,4.0,244.9,060414,11.9,w*42
\$GPVTG,244.9,T,256.8,M,4.0,N,7.4,K*4B
\$GPZDA,082726,06,04,2014,00,00*44
\$HEHDT,238.3,T*25
\$GPGBS,082726,,,,,,,,*48
\$GPGGA,082727,3452.5809,N,07438.2947,W,2,9,0.3,12,M,,M,,*56
\$HEHDT,237.8,T*21

PORT 4 04-06-2014 08:28:18
\$GPGLL,3452.5809,N,07438.2947,W,082727,A*34
\$GPRMC,082727,A,3452.5809,N,07438.2947,W,4.0,244.9,060414,11.9,w*4B
\$GPVTG,244.9,T,256.8,M,4.0,N,7.4,K*4B
\$GPZDA,082727,06,04,2014,00,00*45
\$GPGBS,082727,,,,,,,,*49
\$HEHDT,238.3,T*25
\$GPGGA,082728,3452.5804,N,07438.2960,W,2,9,0.3,11,M,,M,,*52

PORT 4 04-06-2014 08:28:19
\$HEHDT,239.0,T*27
\$GPGLL,3452.5804,N,07438.2960,W,082728,A*33
\$GPRMC,082728,A,3452.5804,N,07438.2960,W,4.0,244.4,060414,11.9,w*41
\$GPVTG,244.4,T,256.3,M,4.0,N,7.4,K*4D
\$GPZDA,082728,06,04,2014,00,00*4A
\$GPGBS,082728,,,,,,,,*46
\$GPGGA,082729,3452.5799,N,07438.2969,W,2,9,0.3,11,M,,M,,*51
\$HEHDT,238.7,T*21

PORT 4 04-06-2014 08:28:20
\$GPGLL,3452.5799,N,07438.2969,W,082729,A*30
\$GPRMC,082729,A,3452.5799,N,07438.2969,W,4.0,244.0,060414,11.9,w*46
\$HEHDT,239.0,T*27
\$GPVTG,244.0,T,255.9,M,4.0,N,7.4,K*40
\$GPZDA,082729,06,04,2014,00,00*4B
\$GPGBS,082729,,,,,,,,*47
\$GPGGA,082730,3452.5794,N,07438.2982,W,2,9,0.3,11,M,,M,,*51
\$HEHDT,239.0,T*27

PORT 4 04-06-2014 08:28:21
\$GPGLL,3452.5794,N,07438.2982,W,082730,A*30
\$GPRMC,082730,A,3452.5794,N,07438.2982,W,3.9,243.9,060414,11.9,w*46
\$HEHDT,239.1,T*26
\$GPVTG,243.9,T,255.8,M,3.9,N,7.2,K*47
\$GPZDA,082730,06,04,2014,00,00*43
\$GPGBS,082730,,,,,,,,*4F
\$GPGGA,082731,3452.5790,N,07438.2995,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,238.9,T*2F

PORT 4 04-06-2014 08:28:22
\$GPGLL,3452.5790,N,07438.2995,W,082731,A*33
\$GPRMC,082731,A,3452.5790,N,07438.2995,W,4.0,244.5,060414,11.9,w*40
\$GPVTG,244.5,T,256.4,M,4.0,N,7.4,K*4B
\$HEHDT,238.9,T*2F
\$GPZDA,082731,06,04,2014,00,00*42
\$GPGBS,082731,,,,,,,,*4E
\$GPGGA,082732,3452.5786,N,07438.3008,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,239.1,T*26
\$GPGLL,3452.5786,N,07438.3008,W,082732,A*3B
\$GPRMC,082732,A,3452.5786,N,07438.3008,W,4.0,244.6,060414,11.9,w*4B
\$GPVTG,244.6,T,256.5,M,4.0,N,7.4,K*49
\$GPZDA,082732,06,04,2014,00,00*41
\$GPGBS,082732,,,,,,,,*4D
\$HEHDT,238.3,T*25
\$GPGGA,082733,3452.5779,N,07438.3018,W,2,9,0.3,11,M,,M,,*5A

S01_C04_survey.Log

PORT 12000 04-06-2014 08:28:22

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:28:23

\$HEHDT,238.6,T*20

\$GPGLL,3452.5779,N,07438.3018,W,082733,A*3B

\$GPRMC,082733,A,3452.5779,N,07438.3018,W,4.0,243.5,060414,11.9,W*4F

\$GPVTG,243.5,T,255.4,M,4.0,N,7.4,K*4F

\$GPZDA,082733,06,04,2014,00,00*40

\$GPGBS,082733,,,,,,,,*4C

\$GPGGA,082734,3452.5772,N,07438.3029,W,2,9,0.3,11,M,,M,,*54

\$HEHDT,238.5,T*23

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PORT 4 04-06-2014 08:28:24

\$GPGLL,3452.5772,N,07438.3029,W,082734,A*35

\$HEHDT,238.6,T*20

\$GPRMC,082734,A,3452.5772,N,07438.3029,W,3.9,242.1,060414,11.9,W*4A

\$GPVTG,242.1,T,254.0,M,3.9,N,7.2,K*47

\$GPZDA,082734,06,04,2014,00,00*47

\$GPGBS,082734,,,,,,,,*4B

\$GPGGA,082735,3452.5772,N,07438.3029,W,2,9,0.3,11,M,,M,,*55

\$HEHDT,238.9,T*2F

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PORT 4 04-06-2014 08:28:25

\$GPGLL,3452.5772,N,07438.3029,W,082735,A*34

\$GPRMC,082735,A,3452.5772,N,07438.3029,W,3.9,242.1,060414,11.9,W*4B

\$HEHDT,238.6,T*20

\$GPVTG,242.1,T,254.0,M,3.9,N,7.2,K*47

\$GPZDA,082735,06,04,2014,00,00*46

\$GPGBS,082735,,,,,,,,*4A

\$GPGGA,082736,3452.5764,N,07438.3055,W,2,9,0.3,11,M,,M,,*5A

\$HEHDT,239.1,T*26

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PORT 4 04-06-2014 08:28:26

\$GPGLL,3452.5764,N,07438.3055,W,082736,A*3B

\$GPRMC,082736,A,3452.5764,N,07438.3055,W,4.0,243.2,060414,11.9,W*48

\$GPVTG,243.2,T,255.1,M,4.0,N,7.4,K*4D

\$HEHDT,238.1,T*27

\$GPZDA,082736,06,04,2014,00,00*45

\$GPGBS,082736,,,,,,,,*49

\$GPGGA,082737,3452.5759,N,07438.3069,W,2,9,0.3,11,M,,M,,*5A

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PORT 4 04-06-2014 08:28:28

\$HEHDT,238.2,T*24

\$GPGLL,3452.5759,N,07438.3069,W,082737,A*3B

\$GPRMC,082737,A,3452.5759,N,07438.3069,W,4.1,245.0,060414,11.9,W*4D

\$GPVTG,245.0,T,256.9,M,4.1,N,7.6,K*41

\$HEHDT,238.0,T*26

\$GPZDA,082737,06,04,2014,00,00*44

\$GPGBS,082737,,,,,,,,*48

\$GPGGA,082738,3452.5755,N,07438.3081,W,2,9,0.3,11,M,,M,,*5F

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PORT 4 04-06-2014 08:28:29

\$HEHDT,237.7,T*2E

\$GPGLL,3452.5755,N,07438.3081,W,082738,A*3E

\$GPRMC,082738,A,3452.5755,N,07438.3081,W,4.1,245.8,060414,11.9,W*40

\$GPVTG,245.8,T,257.7,M,4.1,N,7.6,K*46

\$GPZDA,082738,06,04,2014,00,00*4B

\$GPGBS,082738,,,,,,,,*47

\$GPGGA,082739,3452.5750,N,07438.3094,W,2,9,0.3,11,M,,M,,*5F

\$HEHDT,237.8,T*21

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PORT 4 04-06-2014 08:28:30

S01_C04_survey.Log

\$GPGLL,3452.5750,N,07438.3094,w,082739,A*3E
\$HEHDT,237.5,T*2C
\$GPRMC,082739,A,3452.5750,N,07438.3094,w,4.1,245.4,060414,11.9,w*4C
\$GPVTG,245.4,T,257.3,M,4.1,N,7.6,K*4E
\$GPZDA,082739,06,04,2014,00,00*4A
\$GPGBS,082739,,,,,,,,*46
\$GPGGA,082740,3452.5743,N,07438.3105,w,2,9,0.3,11,M,,M,,*5A
\$HEHDT,238.0,T*26

PORT 4 04-06-2014 08:28:31
\$GPGLL,3452.5743,N,07438.3105,w,082740,A*3B
\$GPRMC,082740,A,3452.5743,N,07438.3105,w,4.1,243.8,060414,11.9,w*43
\$HEHDT,238.4,T*22
\$GPVTG,243.8,T,255.7,M,4.1,N,7.6,K*42
\$GPZDA,082740,06,04,2014,00,00*44
\$GPGBS,082740,,,,,,,,*48
\$GPGGA,082741,3452.5736,N,07438.3116,w,2,9,0.3,11,M,,M,,*5B
\$HEHDT,238.3,T*25

PORT 4 04-06-2014 08:28:32
\$GPGLL,3452.5736,N,07438.3116,w,082741,A*3A
\$GPRMC,082741,A,3452.5736,N,07438.3116,w,4.0,242.2,060414,11.9,w*48
\$GPVTG,242.2,T,254.1,M,4.0,N,7.4,K*4D
\$HEHDT,238.6,T*20
\$GPZDA,082741,06,04,2014,00,00*45
\$GPGBS,082741,,,,,,,,*49
\$GPGGA,082742,3452.5732,N,07438.3127,w,2,9,0.3,11,M,,M,,*5E
\$HEHDT,238.2,T*24

PORT 4 04-06-2014 08:28:33
\$GPGLL,3452.5732,N,07438.3127,w,082742,A*3F
\$GPRMC,082742,A,3452.5732,N,07438.3127,w,4.0,241.6,060414,11.9,w*4A
\$GPVTG,241.6,T,253.5,M,4.0,N,7.4,K*49
\$HEHDT,238.5,T*23
\$GPZDA,082742,06,04,2014,00,00*46
\$GPGBS,082742,,,,,,,,*4A
\$GPGGA,082743,3452.5728,N,07438.3141,w,2,9,0.3,11,M,,M,,*54
PORT 12000 04-06-2014 08:28:33
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:28:34
\$HEHDT,237.9,T*20
\$GPGLL,3452.5728,N,07438.3141,w,082743,A*35
\$GPRMC,082743,A,3452.5728,N,07438.3141,w,4.0,242.6,060414,11.9,w*43
\$GPVTG,242.6,T,254.5,M,4.0,N,7.4,K*4D
\$GPZDA,082743,06,04,2014,00,00*47
\$HEHDT,237.8,T*21
\$GPGBS,082743,,,,,,,,*4B
\$GPGGA,082744,3452.5723,N,07438.3156,w,2,9,0.3,11,M,,M,,*5E

PORT 4 04-06-2014 08:28:35
\$HEHDT,238.1,T*27
\$GPGLL,3452.5723,N,07438.3156,w,082744,A*3F
\$GPRMC,082744,A,3452.5723,N,07438.3156,w,4.1,244.3,060414,11.9,w*4B
\$GPVTG,244.3,T,256.2,M,4.1,N,7.6,K*48
\$GPZDA,082744,06,04,2014,00,00*40
\$GPGBS,082744,,,,,,,,*4C
\$GPGGA,082745,3452.5719,N,07438.3168,w,2,9,0.3,11,M,,M,,*5B
\$HEHDT,238.0,T*26

PORT 4 04-06-2014 08:28:36
\$GPGLL,3452.5719,N,07438.3168,w,082745,A*3A
\$HEHDT,237.4,T*2D

S01_C04_survey.Log

\$GPRMC,082745,A,3452.5719,N,07438.3168,W,4.2,244.9,060414,11.9,w*47
\$GPVTG,244.9,T,256.8,M,4.2,N,7.8,K*45
\$GPZDA,082745,06,04,2014,00,00*41
\$GPGBS,082745,,,,,,,,*4D
\$GPGGA,082746,3452.5714,N,07438.3181,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,237.8,T*21

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PORT 4 04-06-2014 08:28:37
\$GPGLL,3452.5714,N,07438.3181,W,082746,A*33
\$GPRMC,082746,A,3452.5714,N,07438.3181,W,4.2,244.4,060414,11.9,w*43
\$HEHDT,237.9,T*20
\$GPVTG,244.4,T,256.3,M,4.2,N,7.8,K*43
\$GPZDA,082746,06,04,2014,00,00*42
\$GPGBS,082746,,,,,,,,*4E
\$GPGGA,082747,3452.5707,N,07438.3192,W,2,9,0.3,11,M,,M,,*53
\$HEHDT,237.9,T*20

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PORT 4 04-06-2014 08:28:38
\$GPGLL,3452.5707,N,07438.3192,W,082747,A*32
\$GPRMC,082747,A,3452.5707,N,07438.3192,W,4.2,244.4,060414,11.9,w*42
\$HEHDT,238.1,T*27
\$GPVTG,244.4,T,256.3,M,4.2,N,7.8,K*43
\$GPZDA,082747,06,04,2014,00,00*43
\$GPGBS,082747,,,,,,,,*4F
\$GPGGA,082748,3452.5701,N,07438.3204,W,2,9,0.3,11,M,,M,,*56
\$HEHDT,238.2,T*24

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PORT 4 04-06-2014 08:28:39
\$GPGLL,3452.5701,N,07438.3204,W,082748,A*37
\$GPRMC,082748,A,3452.5701,N,07438.3204,W,4.2,243.5,060414,11.9,w*41
\$GPVTG,243.5,T,255.4,M,4.2,N,7.8,K*41
\$GPZDA,082748,06,04,2014,00,00*4C
\$HEHDT,238.7,T*21
\$GPGBS,082748,,,,,,,,*40
\$GPGGA,082749,3452.5694,N,07438.3217,W,2,9,0.3,11,M,,M,,*58

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PORT 4 04-06-2014 08:28:40
\$HEHDT,238.3,T*25
\$GPGLL,3452.5694,N,07438.3217,W,082749,A*39
\$GPRMC,082749,A,3452.5694,N,07438.3217,W,4.2,242.3,060414,11.9,w*48
\$GPVTG,242.3,T,254.2,M,4.2,N,7.8,K*41
\$GPZDA,082749,06,04,2014,00,00*4D
\$GPGBS,082749,,,,,,,,*41
\$GPGGA,082750,3452.5690,N,07438.3228,W,2,9,0.3,11,M,,M,,*58
\$HEHDT,238.7,T*21

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PORT 4 04-06-2014 08:28:41
\$GPGLL,3452.5690,N,07438.3228,W,082750,A*39
\$HEHDT,238.7,T*21
\$GPRMC,082750,A,3452.5690,N,07438.3228,W,4.1,241.6,060414,11.9,w*4D
\$GPVTG,241.6,T,253.5,M,4.1,N,7.6,K*4A
\$GPZDA,082750,06,04,2014,00,00*45
\$GPGBS,082750,,,,,,,,*49
\$GPGGA,082751,3452.5686,N,07438.3239,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,238.6,T*20

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PORT 4 04-06-2014 08:28:42
\$GPGLL,3452.5686,N,07438.3239,W,082751,A*3F
\$GPRMC,082751,A,3452.5686,N,07438.3239,W,4.1,241.6,060414,11.9,w*4B
\$HEHDT,238.4,T*22
\$GPVTG,241.6,T,253.5,M,4.1,N,7.6,K*4A
\$GPZDA,082751,06,04,2014,00,00*44
\$GPGBS,082751,,,,,,,,*48

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\$GPGGA,082752,3452.5681,N,07438.3251,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,238.1,T*27

PORT 4 04-06-2014 08:28:43
\$GPGLL,3452.5681,N,07438.3251,W,082752,A*35
\$GPRMC,082752,A,3452.5681,N,07438.3251,W,4.0,243.0,060414,11.9,W*44
\$HEHDT,238.1,T*27
\$GPVTG,243.0,T,254.9,M,4.0,N,7.4,K*46
\$GPZDA,082752,06,04,2014,00,00*47
\$GPGBS,082752,,,,,,,,*4B
\$GPGGA,082753,3452.5676,N,07438.3264,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,238.0,T*26
PORT 12000 04-06-2014 08:28:43
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:28:44
\$GPGLL,3452.5676,N,07438.3264,W,082753,A*3A
\$GPRMC,082753,A,3452.5676,N,07438.3264,W,4.0,243.0,060414,11.9,W*4B
\$HEHDT,237.8,T*21
\$GPVTG,243.0,T,254.9,M,4.0,N,7.4,K*46
\$GPZDA,082753,06,04,2014,00,00*46
\$GPGBS,082753,,,,,,,,*4A
\$GPGGA,082754,3452.5669,N,07438.3278,W,2,8,0.3,11,M,,M,,*5E
\$HEHDT,238.2,T*24

PORT 4 04-06-2014 08:28:45
\$GPGLL,3452.5669,N,07438.3278,W,082754,A*3E
\$GPRMC,082754,A,3452.5669,N,07438.3278,W,4.1,243.3,060414,11.9,W*4D
\$GPVTG,243.3,T,255.2,M,4.1,N,7.6,K*4C
\$GPZDA,082754,06,04,2014,00,00*41
\$GPGBS,082754,002.4,001.8,006.8,13,0.05,0013.3,012.5*4C
\$HEHDT,237.8,T*21
\$GPGGA,082755,3452.5663,N,07438.3289,W,2,8,0.3,11,M,,M,,*5B

PORT 4 04-06-2014 08:28:47
\$HEHDT,238.3,T*25
\$GPGLL,3452.5663,N,07438.3289,W,082755,A*3B
\$GPRMC,082755,A,3452.5663,N,07438.3289,W,4.1,242.8,060414,11.9,W*42
\$GPVTG,242.8,T,254.7,M,4.1,N,7.6,K*42
\$GPZDA,082755,06,04,2014,00,00*40
\$GPGBS,082755,,,,,,,,*4C
\$GPGGA,082756,3452.5657,N,07438.3302,W,2,8,0.3,11,M,,M,,*5D
\$HEHDT,238.9,T*2F
\$GPGLL,3452.5657,N,07438.3302,W,082756,A*3D
\$GPRMC,082756,A,3452.5657,N,07438.3302,W,4.1,242.1,060414,11.9,W*4D
\$HEHDT,238.9,T*2F
\$GPVTG,242.1,T,254.0,M,4.1,N,7.6,K*4C
\$GPZDA,082756,06,04,2014,00,00*43
\$GPGBS,082756,,,,,,,,*4F
\$GPGGA,082757,3452.5652,N,07438.3316,W,2,8,0.3,11,M,,M,,*5C
\$HEHDT,239.1,T*26

PORT 5 04-06-2014 08:28:48
IN
PORT 4 04-06-2014 08:28:48
\$GPGLL,3452.5652,N,07438.3316,W,082757,A*3C
\$GPRMC,082757,A,3452.5652,N,07438.3316,W,4.2,242.1,060414,11.9,W*4F
\$HEHDT,239.0,T*27
\$GPVTG,242.1,T,254.0,M,4.2,N,7.8,K*41
\$GPZDA,082757,06,04,2014,00,00*42
\$GPGBS,082757,,,,,,,,*4E
\$GPGGA,082758,3452.5648,N,07438.3330,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,239.4,T*23

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\$GPGLL,3452.

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PORT 4 04-06-2014 08:28:49

\$GPGLL,3452.5652,N,07438.3316,W,082757,A*3C

\$GPRMC,082757,A,3452.5652,N,07438.3316,W,4.2,242.1,060414,11.9,W*4F

\$HEHDT,239.0,T*27

\$GPVTG,242.1,T,254.0,M,4.2,N,7.8,K*41

\$GPZDA,082757,06,04,2014,00,00*42

\$GPGBS,082757,,,,,,,,*4E

\$GPGGA,082758,3452.5648,N,07438.3330,W,2,9,0.3,11,M,,M,,*5D

\$HEHDT,239.4,T*23

\$GPGLL,3452.5648,N,07438.3330,W,082758,A*3C

\$GPRMC,082758,A,3452.5648,N,07438.3330,W,4.2,242.9,060414,11.9,W*47

\$GPVTG,242.9,T,254.8,M,4.2,N,7.8,K*41

\$HEHDT,239.0,T*27

\$GPZDA,082758,06,04,2014,00,00*4D

\$GPGBS,082758,,,,,,,,*41

\$GPGGA,082759,3452.5642,N,07438.3344,W,2,9,0.3,11,M,,M,,*55

\$HEHDT,239.0,T*27

\$GPGLL,3452.5642,N,07438.3344,W,082759,A*34

\$GPRMC,082759,A,3452.5642,N,07438.3344,W,4.2,244.1,060414,11.9,W*41

\$GPVTG,244.1,T,256.0,M,4.2,N,7.8,K*45

\$GPZDA,082759,06,04,2014,00,00*4C

\$GPGBS,082759,,,,,,,,*40

\$HEHDT,239.1,T*26

\$GPGGA,082800,3452.5635,N,07438.3358,W,2,9,0.3,11,M,,M,,*5B

#

PORT 4 04-06-2014 08:28:50

\$HEHDT,239.0,T*27

\$GPGLL,3452.5635,N,07438.3358,W,082800,A*3A

\$GPRMC,082800,A,3452.5635,N,07438.3358,W,4.3,244.5,060414,11.9,W*4A

\$GPVTG,244.5,T,256.4,M,4.3,N,8.0,K*43

\$GPZDA,082800,06,04,2014,00,00*4F

\$GPGBS,082800,,,,,,,,*43

\$GPGGA,082801,3452.5627,N,07438.3369,W,2,9,0.3,11,M,,M,,*5B

\$HEHDT,238.9,T*2F

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PORT 5 04-06-2014 08:28:52

04173 mS

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PORT 4 04-06-2014 08:28:52

\$GPGLL,3452.5627,N,07438.3369,W,082801,A*3A

\$HEHDT,239.3,T*24

\$GPRMC,082801,A,3452.5627,N,07438.3369,W,4.4,243.6,060414,11.9,W*49

\$GPVTG,243.6,T,255.5,M,4.4,N,8.1,K*43

\$GPZDA,082801,06,04,2014,00,00*4E

\$GPGBS,082801,,,,,,,,*42

\$GPGGA,082802,3452.5621,N,07438.3380,W,2,9,0.3,11,M,,M,,*59

\$HEHDT,239.1,T*26

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PORT 4 04-06-2014 08:28:53

\$GPGLL,3452.5621,N,07438.3380,W,082802,A*38

\$GPRMC,082802,A,3452.5621,N,07438.3380,W,4.3,241.8,060414,11.9,W*40

\$HEHDT,239.6,T*21

\$GPVTG,241.8,T,253.7,M,4.3,N,8.0,K*4D

\$GPZDA,082802,06,04,2014,00,00*4D

\$GPGBS,082802,,,,,,,,*41

\$GPGGA,082803,3452.5617,N,07438.3392,W,2,9,0.3,11,M,,M,,*5E

\$HEHDT,239.3,T*24

PORT 12000 04-06-2014 08:28:53

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:28:54

S01_C04_survey.Log

\$GPGLL,3452.5617,N,07438.3392,W,082803,A*3F
\$GPRMC,082803,A,3452.5617,N,07438.3392,W,4.2,240.7,060414,11.9,w*48
\$GPVTG,240.7,T,252.6,M,4.2,N,7.8,K*45
\$HEHDT,239.8,T*2F
\$GPZDA,082803,06,04,2014,00,00*4C
\$GPGBS,082803,,,,,,,,*40
\$GPGGA,082804,3452.5614,N,07438.3406,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,239.2,T*25

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PORT 4 04-06-2014 08:28:55
\$GPGLL,3452.5614,N,07438.3406,W,082804,A*31
\$GPRMC,082804,A,3452.5614,N,07438.3406,W,4.2,241.2,060414,11.9,w*42
\$GPVTG,241.2,T,253.1,M,4.2,N,7.8,K*47
\$GPZDA,082804,06,04,2014,00,00*4B
\$GPGBS,082804,,,,,,,,*47
\$HEHDT,239.3,T*24
\$GPGGA,082805,3452.5610,N,07438.3421,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,239.5,T*22
\$GPGLL,3452.5610,N,07438.3421,W,082805,A*31
\$GPRMC,082805,A,3452.5610,N,07438.3421,W,4.2,243.3,060414,11.9,w*41
\$GPVTG,243.3,T,255.2,M,4.2,N,7.8,K*41
\$GPZDA,082805,06,04,2014,00,00*4A
\$GPGBS,082805,,,,,,,,*46
\$GPGGA,082806,3452.5605,N,07438.3435,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,239.0,T*27

#

PORT 4 04-06-2014 08:28:56
\$GPGLL,3452.5605,N,07438.3435,W,082806,A*33
\$HEHDT,239.0,T*27
\$GPRMC,082806,A,3452.5605,N,07438.3435,W,4.2,245.1,060414,11.9,w*47
\$GPVTG,245.1,T,257.0,M,4.2,N,7.8,K*45
\$GPZDA,082806,06,04,2014,00,00*49
\$GPGBS,082806,,,,,,,,*45
\$GPGGA,082807,3452.5599,N,07438.3448,W,2,9,0.3,11,M,,M,,*5F
\$HEHDT,239.4,T*23

#

PORT 4 04-06-2014 08:28:58
\$GPGLL,3452.5599,N,07438.3448,W,082807,A*3E
\$GPRMC,082807,A,3452.5599,N,07438.3448,W,4.2,245.5,060414,11.9,w*4E
\$HEHDT,239.5,T*22
\$GPVTG,245.5,T,257.4,M,4.2,N,7.8,K*45
\$GPZDA,082807,06,04,2014,00,00*48
\$GPGBS,082807,,,,,,,,*44
\$GPGGA,082808,3452.5592,N,07438.3459,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,239.5,T*22

#

PORT 4 04-06-2014 08:28:59
\$GPGLL,3452.5592,N,07438.3459,W,082808,A*3A
\$GPRMC,082808,A,3452.5592,N,07438.3459,W,4.2,244.7,060414,11.9,w*49
\$GPVTG,244.7,T,256.6,M,4.2,N,7.8,K*45
\$HEHDT,239.4,T*23
\$GPZDA,082808,06,04,2014,00,00*47
\$GPGBS,082808,,,,,,,,*4B
\$GPGGA,082809,3452.5587,N,07438.3470,W,2,9,0.3,11,M,,M,,*55
\$HEHDT,239.6,T*21

#

PORT 4 04-06-2014 08:29:00
\$GPGLL,3452.5587,N,07438.3470,W,082809,A*34
\$GPRMC,082809,A,3452.5587,N,07438.3470,W,4.2,243.3,060414,11.9,w*44
\$GPVTG,243.3,T,255.2,M,4.2,N,7.8,K*41
\$GPZDA,082809,06,04,2014,00,00*46
\$HEHDT,239.5,T*22
\$GPGBS,082809,,,,,,,,*4A

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\$GPGGA,082810,3452.5580,N,07438.3484,W,2,9,0.3,11,M,,M,,*51

PORT 4 04-06-2014 08:29:01
\$HEHDT,239.7,T*20
\$GPGLL,3452.5580,N,07438.3484,W,082810,A*30
\$GPRMC,082810,A,3452.5580,N,07438.3484,W,4.2,242.3,060414,11.9,w*41
\$GPVTG,242.3,T,254.2,M,4.2,N,7.8,K*41
\$GPZDA,082810,06,04,2014,00,00*4E
\$GPGBS,082810,,,,,,,,*42
\$GPGGA,082811,3452.5575,N,07438.3499,W,2,9,0.3,11,M,,M,,*56
\$HEHDT,239.6,T*21

PORT 4 04-06-2014 08:29:02
\$GPGLL,3452.5575,N,07438.3499,W,082811,A*37
\$HEHDT,239.5,T*22
\$GPRMC,082811,A,3452.5575,N,07438.3499,W,4.2,242.3,060414,11.9,w*46
\$GPVTG,242.3,T,254.2,M,4.2,N,7.8,K*41
\$GPZDA,082811,06,04,2014,00,00*4F
\$GPGBS,082811,,,,,,,,*43
\$GPGGA,082812,3452.5570,N,07438.3514,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,239.5,T*22

PORT 4 04-06-2014 08:29:03
\$GPGLL,3452.5570,N,07438.3514,W,082812,A*35
\$GPRMC,082812,A,3452.5570,N,07438.3514,W,4.3,243.1,060414,11.9,w*46
\$HEHDT,239.6,T*21
\$GPVTG,243.1,T,255.0,M,4.3,N,8.0,K*47
\$GPZDA,082812,06,04,2014,00,00*4C
\$GPGBS,082812,,,,,,,,*40
\$GPGGA,082813,3452.5566,N,07438.3528,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,239.4,T*23
PORT 12000 04-06-2014 08:29:03
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:29:04
\$GPGLL,3452.5566,N,07438.3528,W,082813,A*3C
\$GPRMC,082813,A,3452.5566,N,07438.3528,W,4.3,244.0,060414,11.9,w*49
\$HEHDT,239.5,T*22
\$GPVTG,244.0,T,255.9,M,4.3,N,8.0,K*48
\$GPZDA,082813,06,04,2014,00,00*4D
\$GPGBS,082813,,,,,,,,*41
\$GPGGA,082814,3452.5562,N,07438.3540,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,239.7,T*20

PORT 4 04-06-2014 08:29:05
\$GPGLL,3452.5562,N,07438.3540,W,082814,A*31
\$GPRMC,082814,A,3452.5562,N,07438.3540,W,4.3,244.8,060414,11.9,w*4C
\$GPVTG,244.8,T,256.7,M,4.3,N,8.0,K*4D
\$HEHDT,239.8,T*2F
\$GPZDA,082814,06,04,2014,00,00*4A
\$GPGBS,082814,,,,,,,,*46
\$GPGGA,082815,3452.5556,N,07438.3553,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,240.3,T*2A

PORT 4 04-06-2014 08:29:06
\$GPGLL,3452.5556,N,07438.3553,W,082815,A*35
\$GPRMC,082815,A,3452.5556,N,07438.3553,W,4.3,245.0,060414,11.9,w*41
\$GPVTG,245.0,T,256.9,M,4.3,N,8.0,K*4A
\$GPZDA,082815,06,04,2014,00,00*4B
\$HEHDT,240.2,T*2B
\$GPGBS,082815,,,,,,,,*47
\$GPGGA,082816,3452.5551,N,07438.3565,W,2,9,0.3,11,M,,M,,*55
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PORT 4 04-06-2014 08:29:08

\$HEHDT,240.6,T*2F
\$GPGLL,3452.5551,N,07438.3565,W,082816,A*34
\$GPRMC,082816,A,3452.5551,N,07438.3565,W,4.3,244.8,060414,11.9,W*49
\$GPVTG,244.8,T,256.7,M,4.3,N,8.0,K*4D
\$GPZDA,082816,06,04,2014,00,00*48
\$GPGGBS,082816,,,,,,,,*44
\$GPGGA,082817,3452.5545,N,07438.3578,W,2,9,0.3,12,M,,M,,*5E
\$HEHDT,240.2,T*2B
\$GPGLL,3452.5545,N,07438.3578,W,082817,A*3C
\$GPRMC,082817,A,3452.5545,N,07438.3578,W,4.3,244.6,060414,11.9,W*4F
\$HEHDT,240.2,T*2B
\$GPVTG,244.6,T,256.5,M,4.3,N,8.0,K*41
\$GPZDA,082817,06,04,2014,00,00*49
\$GPGGBS,082817,,,,,,,,*45
\$GPGGA,082818,3452.5540,N,07438.3591,W,2,9,0.3,12,M,,M,,*53
\$HEHDT,239.3,T*24

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PORT 4 04-06-2014 08:29:09

\$GPGLL,3452.5540,N,07438.3591,W,082818,A*31
\$GPRMC,082818,A,3452.5540,N,07438.3591,W,4.2,244.2,060414,11.9,W*47
\$GPVTG,244.2,T,256.1,M,4.2,N,7.8,K*47
\$HEHDT,239.5,T*22
\$GPZDA,082818,06,04,2014,00,00*46
\$GPGGBS,082818,,,,,,,,*4A
\$GPGGA,082819,3452.5533,N,07438.3604,W,2,9,0.3,12,M,,M,,*59
\$HEHDT,239.8,T*2F

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PORT 4 04-06-2014 08:29:10

\$GPGLL,3452.5533,N,07438.3604,W,082819,A*3B
\$GPRMC,082819,A,3452.5533,N,07438.3604,W,4.3,243.4,060414,11.9,W*4D
\$HEHDT,239.1,T*26
\$GPVTG,243.4,T,255.3,M,4.3,N,8.0,K*41
\$GPZDA,082819,06,04,2014,00,00*47
\$GPGGBS,082819,,,,,,,,*4B
\$GPGGA,082820,3452.5528,N,07438.3616,W,2,9,0.3,12,M,,M,,*5A

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PORT 4 04-06-2014 08:29:11

\$HEHDT,239.4,T*23
\$GPGLL,3452.5528,N,07438.3616,W,082820,A*38
\$GPRMC,082820,A,3452.5528,N,07438.3616,W,4.3,242.9,060414,11.9,W*42
\$GPVTG,242.9,T,254.8,M,4.3,N,8.0,K*47
\$GPZDA,082820,06,04,2014,00,00*4D
\$HEHDT,239.8,T*2F
\$GPGGBS,082820,,,,,,,,*41
\$GPGGA,082821,3452.5524,N,07438.3629,W,2,9,0.3,12,M,,M,,*5B

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PORT 4 04-06-2014 08:29:12

\$HEHDT,239.4,T*23
\$GPGLL,3452.5524,N,07438.3629,W,082821,A*39
\$GPRMC,082821,A,3452.5524,N,07438.3629,W,4.3,243.1,060414,11.9,W*4A
\$GPVTG,243.1,T,255.0,M,4.3,N,8.0,K*47
\$GPZDA,082821,06,04,2014,00,00*4C
\$GPGGBS,082821,,,,,,,,*40
\$GPGGA,082822,3452.5520,N,07438.3640,W,2,9,0.3,12,M,,M,,*53
\$HEHDT,239.4,T*23

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PORT 4 04-06-2014 08:29:13

\$HEHDT,239.7,T*20
\$GPGLL,3452.5520,N,07438.3640,W,082822,A*31
\$GPRMC,082822,A,3452.5520,N,07438.3640,W,4.2,243.7,060414,11.9,W*45
\$GPVTG,243.7,T,255.6,M,4.2,N,7.8,K*41
\$GPZDA,082822,06,04,2014,00,00*4F

S01_C04_survey.Log

\$GPGBS,082822,,,,,,,,*43
\$GPGGA,082823,3452.5516,N,07438.3654,W,2,9,0.3,12,M,,M,,*52
\$HEHDT,240.2,T*2B
PORT 12000 04-06-2014 08:29:13
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:29:14
\$GPGLL,3452.5516,N,07438.3654,W,082823,A*30
\$GPRMC,082823,A,3452.5516,N,07438.3654,W,4.2,244.6,060414,11.9,W*42
\$HEHDT,239.6,T*21
\$GPVTG,244.6,T,256.5,M,4.2,N,7.8,K*47
\$GPZDA,082823,06,04,2014,00,00*4E
\$GPGBS,082823,,,,,,,,*42
\$GPGGA,082824,3452.5511,N,07438.3669,W,2,9,0.3,12,M,,M,,*5C
\$HEHDT,239.9,T*2E

PORT 4 04-06-2014 08:29:15
\$GPGLL,3452.5511,N,07438.3669,W,082824,A*3E
\$GPRMC,082824,A,3452.5511,N,07438.3669,W,4.2,245.3,060414,11.9,W*48
\$HEHDT,240.0,T*29
\$GPVTG,245.3,T,257.2,M,4.2,N,7.8,K*45
\$GPZDA,082824,06,04,2014,00,00*49
\$GPGBS,082824,,,,,,,,*45
\$GPGGA,082825,3452.5505,N,07438.3680,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,240.1,T*28

PORT 4 04-06-2014 08:29:16
\$GPGLL,3452.5505,N,07438.3680,W,082825,A*3D
\$GPRMC,082825,A,3452.5505,N,07438.3680,W,4.3,245.4,060414,11.9,W*4D
\$GPVTG,245.4,T,257.3,M,4.3,N,8.0,K*45
\$GPZDA,082825,06,04,2014,00,00*48
\$GPGBS,082825,,,,,,,,*44
\$HEHDT,239.8,T*2F
\$GPGGA,082826,3452.5499,N,07438.3692,W,2,9,0.3,11,M,,M,,*58

PORT 4 04-06-2014 08:29:17
\$HEHDT,239.6,T*21
\$GPGLL,3452.5499,N,07438.3692,W,082826,A*39
\$GPRMC,082826,A,3452.5499,N,07438.3692,W,4.2,244.9,060414,11.9,W*44
\$GPVTG,244.9,T,256.8,M,4.2,N,7.8,K*45
\$GPZDA,082826,06,04,2014,00,00*4B
\$GPGBS,082826,,,,,,,,*47
\$HEHDT,239.7,T*20
\$GPGGA,082827,3452.5493,N,07438.3705,W,2,9,0.3,11,M,,M,,*5C

PORT 4 04-06-2014 08:29:18
\$HEHDT,239.0,T*27
\$GPGLL,3452.5493,N,07438.3705,W,082827,A*3D
\$GPRMC,082827,A,3452.5493,N,07438.3705,W,4.2,244.1,060414,11.9,W*48
\$GPVTG,244.1,T,256.0,M,4.2,N,7.8,K*45
\$GPZDA,082827,06,04,2014,00,00*4A
\$GPGBS,082827,,,,,,,,*46
\$GPGGA,082828,3452.5487,N,07438.3719,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,239.1,T*26

PORT 4 04-06-2014 08:29:19
\$GPGLL,3452.5487,N,07438.3719,W,082828,A*3A
\$HEHDT,239.1,T*26
\$GPRMC,082828,A,3452.5487,N,07438.3719,W,4.2,243.4,060414,11.9,W*4D
\$GPVTG,243.4,T,255.3,M,4.2,N,7.8,K*47
\$GPZDA,082828,06,04,2014,00,00*45
\$GPGBS,082828,,,,,,,,*49
\$GPGGA,082829,3452.5482,N,07438.3734,W,2,9,0.3,11,M,,M,,*50

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\$HEHDT,238.7,T*21

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PORT 4 04-06-2014 08:29:20

\$GPGLL,3452.5482,N,07438.3734,W,082829,A*31

\$GPRMC,082829,A,3452.5482,N,07438.3734,W,4.3,243.3,060414,11.9,W*40

\$HEHDT,239.0,T*27

\$GPVTG,243.3,T,255.2,M,4.3,N,8.0,K*47

\$GPZDA,082829,06,04,2014,00,00*44

\$GPGBS,082829,,,,,,,,*48

\$GPGBS,082830,3452.5479,N,07438.3746,W,2,9,0.3,11,M,,M,,*59

\$HEHDT,239.0,T*27

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PORT 4 04-06-2014 08:29:21

\$GPGLL,3452.5479,N,07438.3746,W,082830,A*38

\$GPRMC,082830,A,3452.5479,N,07438.3746,W,4.3,243.9,060414,11.9,W*43

\$GPVTG,243.9,T,255.8,M,4.3,N,8.0,K*47

\$HEHDT,238.9,T*2F

\$GPZDA,082830,06,04,2014,00,00*4C

\$GPGBS,082830,,,,,,,,*40

\$GPGBS,082831,3452.5473,N,07438.3759,W,2,9,0.3,11,M,,M,,*5C

\$HEHDT,239.0,T*27

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PORT 4 04-06-2014 08:29:22

\$GPGLL,3452.5473,N,07438.3759,W,082831,A*3D

\$GPRMC,082831,A,3452.5473,N,07438.3759,W,4.3,244.6,060414,11.9,W*4E

\$GPVTG,244.6,T,256.5,M,4.3,N,8.0,K*41

\$GPZDA,082831,06,04,2014,00,00*4D

\$HEHDT,239.0,T*27

\$GPGBS,082831,,,,,,,,*41

\$GPGBS,082832,3452.5469,N,07438.3773,W,2,9,0.3,11,M,,M,,*5C

\$HEHDT,239.5,T*22

\$GPGLL,3452.5469,N,07438.3773,W,082832,A*3D

\$GPRMC,082832,A,3452.5469,N,07438.3773,W,4.3,245.0,060414,11.9,W*49

\$GPVTG,245.0,T,256.9,M,4.3,N,8.0,K*4A

\$GPZDA,082832,06,04,2014,00,00*4E

\$GPGBS,082832,,,,,,,,*42

\$GPGBS,082833,3452.5463,N,07438.3785,W,2,9,0.3,11,M,,M,,*5E

\$HEHDT,239.0,T*27

PORT 12000 04-06-2014 08:29:22

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:29:23

\$GPGLL,3452.5463,N,07438.3785,W,082833,A*3F

\$HEHDT,239.5,T*22

\$GPRMC,082833,A,3452.5463,N,07438.3785,W,4.3,245.0,060414,11.9,W*4B

\$GPVTG,245.0,T,256.9,M,4.3,N,8.0,K*4A

\$GPZDA,082833,06,04,2014,00,00*4F

\$GPGBS,082833,,,,,,,,*43

\$GPGBS,082834,3452.5457,N,07438.3796,W,2,9,0.3,11,M,,M,,*5C

\$HEHDT,239.6,T*21

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PORT 4 04-06-2014 08:29:24

\$GPGLL,3452.5457,N,07438.3796,W,082834,A*3D

\$GPRMC,082834,A,3452.5457,N,07438.3796,W,4.3,244.1,060414,11.9,W*49

\$HEHDT,239.5,T*22

\$GPVTG,244.1,T,256.0,M,4.3,N,8.0,K*43

\$GPZDA,082834,06,04,2014,00,00*48

\$GPGBS,082834,,,,,,,,*44

\$GPGBS,082835,3452.5451,N,07438.3807,W,2,9,0.3,11,M,,M,,*5C

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PORT 4 04-06-2014 08:29:25

\$HEHDT,239.4,T*23

\$GPGLL,3452.5451,N,07438.3807,W,082835,A*3D

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\$GPRMC,082835,A,3452.5451,N,07438.3807,W,4.2,242.9,060414,11.9,w*46
\$GPVTG,242.9,T,254.8,M,4.2,N,7.8,K*41
\$HEHDT,238.9,T*2F
\$GPZDA,082835,06,04,2014,00,00*49
\$GPGBS,082835,,,,,,,,*45
\$GPGGA,082836,3452.5446,N,07438.3820,W,2,9,0.3,11,M,,M,,*5C

PORT 4 04-06-2014 08:29:27
\$HEHDT,238.6,T*20
\$GPGLL,3452.5446,N,07438.3820,W,082836,A*3D
\$GPRMC,082836,A,3452.5446,N,07438.3820,W,4.2,242.3,060414,11.9,w*4C
\$GPVTG,242.3,T,254.2,M,4.2,N,7.8,K*41
\$HEHDT,238.0,T*26
\$GPZDA,082836,06,04,2014,00,00*4A
\$GPGBS,082836,,,,,,,,*46
\$GPGGA,082837,3452.5441,N,07438.3832,W,2,9,0.3,11,M,,M,,*59

PORT 4 04-06-2014 08:29:28
\$HEHDT,238.3,T*25
\$GPGLL,3452.5441,N,07438.3832,W,082837,A*38
\$GPRMC,082837,A,3452.5441,N,07438.3832,W,4.2,242.4,060414,11.9,w*4E
\$GPVTG,242.4,T,254.3,M,4.2,N,7.8,K*47
\$GPZDA,082837,06,04,2014,00,00*4B
\$GPGBS,082837,000.8,002.5,002.2,25,0.05,0012.1,012.5*4E
\$HEHDT,238.4,T*22
\$GPGGA,082838,3452.5437,N,07438.3846,W,2,9,0.3,11,M,,M,,*54

PORT 4 04-06-2014 08:29:29
\$GPGLL,3452.5437,N,07438.3846,W,082838,A*35
\$HEHDT,238.6,T*20
\$GPRMC,082838,A,3452.5437,N,07438.3846,W,4.2,243.4,060414,11.9,w*42
\$GPVTG,243.4,T,255.3,M,4.2,N,7.8,K*47
\$GPZDA,082838,06,04,2014,00,00*44
\$GPGBS,082838,,,,,,,,*48
\$GPGGA,082839,3452.5432,N,07438.3857,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,238.7,T*21

PORT 4 04-06-2014 08:29:30
\$GPGLL,3452.5432,N,07438.3857,W,082839,A*31
\$GPRMC,082839,A,3452.5432,N,07438.3857,W,4.2,244.1,060414,11.9,w*44
\$HEHDT,238.7,T*21
\$GPVTG,244.1,T,256.0,M,4.2,N,7.8,K*45
\$GPZDA,082839,06,04,2014,00,00*45
\$GPGBS,082839,,,,,,,,*49
\$GPGGA,082840,3452.5425,N,07438.3868,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,239.0,T*27

PORT 4 04-06-2014 08:29:31
\$GPGLL,3452.5425,N,07438.3868,W,082840,A*35
\$GPRMC,082840,A,3452.5425,N,07438.3868,W,4.2,244.1,060414,11.9,w*40
\$GPVTG,244.1,T,256.0,M,4.2,N,7.8,K*45
\$HEHDT,238.7,T*21
\$GPZDA,082840,06,04,2014,00,00*4B
\$GPGBS,082840,,,,,,,,*47
\$GPGGA,082841,3452.5421,N,07438.3882,W,2,9,0.3,11,M,,M,,*55
\$HEHDT,239.1,T*26

PORT 4 04-06-2014 08:29:32
\$GPGLL,3452.5421,N,07438.3882,W,082841,A*34
\$GPRMC,082841,A,3452.5421,N,07438.3882,W,4.2,243.7,060414,11.9,w*40
\$GPVTG,243.7,T,255.6,M,4.2,N,7.8,K*41
\$GPZDA,082841,06,04,2014,00,00*4A
\$HEHDT,238.6,T*20

S01_C04_survey.Log

\$GPGBS,082841,,,,,,,,*46
\$GPGGA,082842,3452.5414,N,07438.3896,W,2,9,0.3,11,M,,M,,*55
\$HEHDT,239.0,T*27
\$GPGLL,3452.5414,N,07438.3896,W,082842,A*34
\$GPRMC,082842,A,3452.5414,N,07438.3896,W,4.3,243.7,060414,11.9,W*41
\$GPVTG,243.7,T,255.6,M,4.3,N,8.0,K*47
\$GPZDA,082842,06,04,2014,00,00*49
\$GPGBS,082842,,,,,,,,*45
\$GPGGA,082843,3452.5408,N,07438.3909,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,238.5,T*23
PORT 12000 04-06-2014 08:29:32
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:29:33
\$GPGLL,3452.5408,N,07438.3909,W,082843,A*3F
\$HEHDT,239.0,T*27
\$GPRMC,082843,A,3452.5408,N,07438.3909,W,4.3,243.7,060414,11.9,W*4A
\$GPVTG,243.7,T,255.6,M,4.3,N,8.0,K*47
\$GPZDA,082843,06,04,2014,00,00*48
\$GPGBS,082843,,,,,,,,*44
\$GPGGA,082844,3452.5401,N,07438.3922,W,2,9,0.3,11,M,,M,,*59
\$HEHDT,239.4,T*23

PORT 4 04-06-2014 08:29:35
\$GPGLL,3452.5401,N,07438.3922,W,082844,A*38
\$GPRMC,082844,A,3452.5401,N,07438.3922,W,4.4,243.8,060414,11.9,W*45
\$HEHDT,238.6,T*20
\$GPVTG,243.8,T,255.7,M,4.4,N,8.1,K*4F
\$GPZDA,082844,06,04,2014,00,00*4F
\$GPGBS,082844,,,,,,,,*43
\$GPGGA,082845,3452.5396,N,07438.3934,W,2,9,0.3,11,M,,M,,*56
\$HEHDT,239.2,T*25

PORT 4 04-06-2014 08:29:36
\$GPGLL,3452.5396,N,07438.3934,W,082845,A*37
\$GPRMC,082845,A,3452.5396,N,07438.3934,W,4.4,243.2,060414,11.9,W*40
\$GPVTG,243.2,T,255.1,M,4.4,N,8.1,K*43
\$HEHDT,239.3,T*24
\$GPZDA,082845,06,04,2014,00,00*4E
\$GPGBS,082845,,,,,,,,*42
\$GPGGA,082846,3452.5388,N,07438.3945,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,239.3,T*24

PORT 4 04-06-2014 08:29:37
\$GPGLL,3452.5388,N,07438.3945,W,082846,A*3D
\$GPRMC,082846,A,3452.5388,N,07438.3945,W,4.4,242.1,060414,11.9,W*48
\$GPVTG,242.1,T,254.0,M,4.4,N,8.1,K*41
\$GPZDA,082846,06,04,2014,00,00*4D
\$HEHDT,239.4,T*23
\$GPGBS,082846,,,,,,,,*41
\$GPGGA,082847,3452.5385,N,07438.3956,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,238.9,T*2F
\$GPGLL,3452.5385,N,07438.3956,W,082847,A*33
\$GPRMC,082847,A,3452.5385,N,07438.3956,W,4.3,241.3,060414,11.9,W*40
\$GPVTG,241.3,T,253.2,M,4.3,N,8.0,K*43
\$GPZDA,082847,06,04,2014,00,00*4C
\$GPGBS,082847,,,,,,,,*40
\$HEHDT,239.1,T*26
\$GPGGA,082848,3452.5380,N,07438.3969,W,2,9,0.3,11,M,,M,,*54

PORT 4 04-06-2014 08:29:38
\$HEHDT,238.7,T*21
\$GPGLL,3452.5380,N,07438.3969,W,082848,A*35

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\$GPRMC,082848,A,3452.5380,N,07438.3969,W,4.3,241.5,060414,11.9,w*40
\$GPVTG,241.5,T,253.4,M,4.3,N,8.0,K*43
\$GPZDA,082848,06,04,2014,00,00*43
\$GPGBS,082848,,,,,,,,*4F
\$GPGGA,082849,3452.5376,N,07438.3983,W,2,9,0.3,11,M,,M,,*58
\$HEHDT,238.6,T*20

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PORT 4 04-06-2014 08:29:39

\$GPGLL,3452.5376,N,07438.3983,W,082849,A*39
\$GPRMC,082849,A,3452.5376,N,07438.3983,W,4.2,242.8,060414,11.9,w*43
\$HEHDT,239.1,T*26
\$GPVTG,242.8,T,254.7,M,4.2,N,7.8,K*4F
\$GPZDA,082849,06,04,2014,00,00*42
\$GPGBS,082849,,,,,,,,*4E
\$GPGGA,082850,3452.5371,N,07438.3997,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,238.4,T*22

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PORT 4 04-06-2014 08:29:41

\$GPGLL,3452.5371,N,07438.3997,W,082850,A*33
\$GPRMC,082850,A,3452.5371,N,07438.3997,W,4.2,244.4,060414,11.9,w*43
\$HEHDT,238.6,T*20
\$GPVTG,244.4,T,256.3,M,4.2,N,7.8,K*43
\$GPZDA,082850,06,04,2014,00,00*4A
\$GPGBS,082850,,,,,,,,*46
\$GPGGA,082851,3452.5367,N,07438.4008,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,238.6,T*20

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PORT 4 04-06-2014 08:29:42

\$GPGLL,3452.5367,N,07438.4008,W,082851,A*3D
\$GPRMC,082851,A,3452.5367,N,07438.4008,W,4.2,244.8,060414,11.9,w*41
\$GPVTG,244.8,T,256.7,M,4.2,N,7.8,K*4B
\$GPZDA,082851,06,04,2014,00,00*4B
\$HEHDT,238.5,T*23
\$GPGBS,082851,,,,,,,,*47
\$GPGGA,082852,3452.5360,N,07438.4019,W,2,9,0.3,11,M,,M,,*58
\$HEHDT,238.3,T*25

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PORT 4 04-06-2014 08:29:43

\$GPGLL,3452.5360,N,07438.4019,W,082852,A*39
\$GPRMC,082852,A,3452.5360,N,07438.4019,W,4.2,244.3,060414,11.9,w*4E
\$GPVTG,244.3,T,256.2,M,4.2,N,7.8,K*45
\$GPZDA,082852,06,04,2014,00,00*48
\$GPGBS,082852,,,,,,,,*44
\$HEHDT,238.3,T*25
\$GPGGA,082853,3452.5353,N,07438.4031,W,2,9,0.3,11,M,,M,,*53
PORT 12000 04-06-2014 08:29:43
\$PPWBA,d2pc15,192.168.2.151,online

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PORT 5 04-06-2014 08:29:45

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PORT 4 04-06-2014 08:29:45

\$GPGLL,3452.5360,N,07438.4019,W,082852,A*39
\$GPRMC,082852,A,3452.5360,N,07438.4019,W,4.2,244.3,060414,11.9,w*4E
\$GPVTG,244.3,T,256.2,M,4.2,N,7.8,K*45
\$GPZDA,082852,06,04,2014,00,00*48
\$GPGBS,082852,,,,,,,,*44
\$HEHDT,238.3,T*25
\$GPGGA,082853,3452.5353,N,07438.4031,W,2,9,0.3,11,M,,M,,*53
\$HEHDT,238.2,T*24

\$GPGLL,3452.5353,N,07438.4031,W,082853,A*32
\$GPRMC,082853,A,3452.5353,N,07438.4031,W,4.2,243.4,060414,11.9,w*45
\$GPVTG,243.4,T,255.3,M,4.2,N,7.8,K*47
\$GPZDA,082853,06,04,2014,00,00*49

S01_C04_survey.Log

\$GPGBS,082853,,,,,,,,*45
\$GPGGA,082854,3452.5347,N,07438.4045,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,238.5,T*23
\$GPGLL,3452.5347,N,07438.4045,W,082854,A*33
\$HEHDT,238.9,T*2F
\$GPRMC,082854,A,3452.5347,N,07438.4045,W,4.2,242.5,060414,11.9,W*44
\$GPVTG,242.5,T,254.4,M,4.2,N,7.8,K*41
\$GPZDA,082854,06,04,2014,00,00*4E
\$GPGBS,082854,,,,,,,,*42
\$GPGGA,082855,3452.5340,N,07438.4059,W,2,9,0.3,11,M,,M,,*59
\$HEHDT,239.5,T*22

PORT 4 04-06-2014 08:29:46
\$GPGLL,3452.5340,N,07438.4059,W,082855,A*38
\$GPRMC,082855,A,3452.5340,N,07438.4059,W,4.3,242.3,060414,11.9,W*48
\$HEHDT,239.8,T*2F
\$GPVTG,242.3,T,254.2,M,4.3,N,8.0,K*47
\$GPZDA,082855,06,04,2014,00,00*4F
\$GPGBS,082855,,,,,,,,*43
\$GPGGA,082856,3452.5333,N,07438.4073,W,2,9,0.3,11,M,,M,,*56
\$HEHDT,239.8,T*2F

PORT 5 04-06-2014 08:29:47
04153 mS
*
PORT 4 04-06-2014 08:29:47
\$GPGLL,3452.5333,N,07438.4073,W,082856,A*37
\$GPRMC,082856,A,3452.5333,N,07438.4073,W,4.4,241.9,060414,11.9,W*49
\$HEHDT,240.2,T*2B
\$GPVTG,241.9,T,253.8,M,4.4,N,8.1,K*45
\$GPZDA,082856,06,04,2014,00,00*4C
\$GPGBS,082856,,,,,,,,*40
\$GPGGA,082857,3452.5327,N,07438.4085,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,239.7,T*20
\$GPGLL,3452.5327,N,07438.4085,W,082857,A*3A
\$GPRMC,082857,A,3452.5327,N,07438.4085,W,4.4,241.5,060414,11.9,W*48
\$GPVTG,241.5,T,253.4,M,4.4,N,8.1,K*45
\$GPZDA,082857,06,04,2014,00,00*4D
\$GPGBS,082857,,,,,,,,*41
\$HEHDT,239.4,T*23
\$GPGGA,082858,3452.5322,N,07438.4098,W,2,9,0.3,11,M,,M,,*5D

PORT 4 04-06-2014 08:29:48
\$HEHDT,238.4,T*22
\$GPGLL,3452.5322,N,07438.4098,W,082858,A*3C
\$GPRMC,082858,A,3452.5322,N,07438.4098,W,4.4,241.3,060414,11.9,W*48
\$GPVTG,241.3,T,253.2,M,4.4,N,8.1,K*45
\$GPZDA,082858,06,04,2014,00,00*42
\$GPGBS,082858,,,,,,,,*4E
\$HEHDT,237.9,T*20
\$GPGGA,082859,3452.5317,N,07438.4111,W,2,9,0.3,11,M,,M,,*5A

PORT 4 04-06-2014 08:29:49
\$GPGLL,3452.5317,N,07438.4111,W,082859,A*3B
\$HEHDT,237.2,T*2B
\$GPRMC,082859,A,3452.5317,N,07438.4111,W,4.3,241.4,060414,11.9,W*4F
\$GPVTG,241.4,T,253.3,M,4.3,N,8.0,K*45
\$GPZDA,082859,06,04,2014,00,00*43
\$GPGBS,082859,,,,,,,,*4F
\$GPGGA,082900,3452.5313,N,07438.4125,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,237.0,T*29

PORT 4 04-06-2014 08:29:51

S01_C04_survey.Log

\$GPGLL,3452.5313,N,07438.4125,W,082900,A*35
\$GPRMC,082900,A,3452.5313,N,07438.4125,W,4.4,242.1,060414,11.9,w*40
\$HEHDT,237.2,T*2B
\$GPVTG,242.1,T,254.0,M,4.4,N,8.1,K*41
\$GPZDA,082900,06,04,2014,00,00*4E
\$GPGBS,082900,,,,,,*42
\$GPGGA,082901,3452.5309,N,07438.4138,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,236.5,T*2D

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PORT 4 04-06-2014 08:29:52

\$GPGLL,3452.5309,N,07438.4138,W,082901,A*33
\$GPRMC,082901,A,3452.5309,N,07438.4138,W,4.4,242.8,060414,11.9,w*4F
\$HEHDT,237.3,T*2A
\$GPVTG,242.8,T,254.7,M,4.4,N,8.1,K*4F
\$GPZDA,082901,06,04,2014,00,00*4F
\$GPGBS,082901,,,,,,*43
\$GPGGA,082902,3452.5305,N,07438.4149,W,2,8,0.3,11,M,,M,,*5A
\$HEHDT,237.6,T*2F

#

PORT 4 04-06-2014 08:29:53

\$GPGLL,3452.5305,N,07438.4149,W,082902,A*3A
\$GPRMC,082902,A,3452.5305,N,07438.4149,W,4.3,243.6,060414,11.9,w*4E
\$HEHDT,237.9,T*20
\$GPVTG,243.6,T,255.5,M,4.3,N,8.0,K*45
\$GPZDA,082902,06,04,2014,00,00*4C
\$GPGBS,082902,,,,,,*40
\$GPGGA,082903,3452.5303,N,07438.4157,W,2,8,0.3,11,M,,M,,*52
\$HEHDT,238.0,T*26

PORT 12000 04-06-2014 08:29:53

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:29:54

\$GPGLL,3452.5303,N,07438.4157,W,082903,A*32
\$GPRMC,082903,A,3452.5303,N,07438.4157,W,4.2,244.1,060414,11.9,w*47
\$GPVTG,244.1,T,256.0,M,4.2,N,7.8,K*45
\$GPZDA,082903,06,04,2014,00,00*4D
\$HEHDT,238.5,T*23
\$GPGBS,082903,004.6,003.6,013.9,13,0.05,-027.2,012.5*56
\$GPGGA,082904,3452.5295,N,07438.4169,W,2,9,0.3,11,M,,M,,*57

#

PORT 4 04-06-2014 08:29:55

\$HEHDT,237.9,T*20
\$GPGLL,3452.5295,N,07438.4169,W,082904,A*36
\$GPRMC,082904,A,3452.5295,N,07438.4169,W,4.1,243.7,060414,11.9,w*41
\$GPVTG,243.7,T,255.6,M,4.1,N,7.6,K*4C
\$GPZDA,082904,06,04,2014,00,00*4A
\$GPGBS,082904,,,,,,*46
\$GPGGA,082905,3452.5287,N,07438.4182,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,238.3,T*25

#

PORT 4 04-06-2014 08:29:56

\$GPGLL,3452.5287,N,07438.4182,W,082905,A*31
\$HEHDT,238.5,T*23
\$GPRMC,082905,A,3452.5287,N,07438.4182,W,4.2,242.1,060414,11.9,w*42
\$GPVTG,242.1,T,254.0,M,4.2,N,7.8,K*41
\$GPZDA,082905,06,04,2014,00,00*4B
\$GPGBS,082905,,,,,,*47
\$GPGGA,082906,3452.5280,N,07438.4194,W,2,9,0.3,11,M,,M,,*53
\$HEHDT,237.8,T*21

#

PORT 4 04-06-2014 08:29:57

\$GPGLL,3452.5280,N,07438.4194,W,082906,A*32
\$GPRMC,082906,A,3452.5280,N,07438.4194,W,4.2,240.4,060414,11.9,w*46

S01_C04_survey.Log

\$HEHDT,237.6,T*2F
 \$GPVTG,240.4,T,252.3,M,4.2,N,7.8,K*43
 \$GPZDA,082906,06,04,2014,00,00*48
 \$GPGBS,082906,,,,,,,,*44
 \$GPGGA,082907,3452.5274,N,07438.4207,W,2,9,0.3,11,M,,M,,*50
 \$HEHDT,237.1,T*28
 #
 PORT 4 04-06-2014 08:29:58
 \$GPGLL,3452.5274,N,07438.4207,W,082907,A*31
 \$GPRMC,082907,A,3452.5274,N,07438.4207,W,4.2,239.5,060414,11.9,W*4A
 \$GPVTG,239.5,T,251.4,M,4.2,N,7.8,K*48
 \$HEHDT,236.6,T*2E
 \$GPZDA,082907,06,04,2014,00,00*49
 \$GPGBS,082907,,,,,,,,*45
 \$GPGGA,082908,3452.5269,N,07438.4221,W,2,9,0.3,11,M,,M,,*57
 \$HEHDT,236.4,T*2C
 #
 PORT 4 04-06-2014 08:29:59
 \$GPGLL,3452.5269,N,07438.4221,W,082908,A*36
 \$GPRMC,082908,A,3452.5269,N,07438.4221,W,4.2,239.7,060414,11.9,W*4F
 \$GPVTG,239.7,T,251.6,M,4.2,N,7.8,K*48
 \$GPZDA,082908,06,04,2014,00,00*46
 \$HEHDT,236.3,T*2B
 \$GPGBS,082908,,,,,,,,*4A
 \$GPGGA,082909,3452.5266,N,07438.4236,W,2,9,0.3,11,M,,M,,*5F
 \$HEHDT,236.4,T*2C
 #
 PORT 4 04-06-2014 08:30:00
 \$GPGLL,3452.5266,N,07438.4236,W,082909,A*3E
 \$GPRMC,082909,A,3452.5266,N,07438.4236,W,4.3,240.8,060414,11.9,W*47
 \$GPVTG,240.8,T,252.7,M,4.3,N,8.0,K*4D
 \$GPZDA,082909,06,04,2014,00,00*47
 \$GPGBS,082909,,,,,,,,*4B
 \$GPGGA,082910,3452.5259,N,07438.4250,W,2,9,0.3,11,M,,M,,*5B
 \$HEHDT,236.7,T*2F
 \$GPGLL,3452.5259,N,07438.4250,W,082910,A*3A
 \$HEHDT,237.2,T*2B
 \$GPRMC,082910,A,3452.5259,N,07438.4250,W,4.3,242.0,060414,11.9,W*49
 \$GPVTG,242.0,T,253.9,M,4.3,N,8.0,K*48
 \$GPZDA,082910,06,04,2014,00,00*4F
 \$GPGBS,082910,,,,,,,,*43
 \$GPGGA,082911,3452.5253,N,07438.4261,W,2,9,0.3,11,M,,M,,*52
 \$HEHDT,237.8,T*21
 #
 PORT 4 04-06-2014 08:30:02
 \$GPGLL,3452.5253,N,07438.4261,W,082911,A*33
 \$GPRMC,082911,A,3452.5253,N,07438.4261,W,4.3,242.4,060414,11.9,W*44
 \$HEHDT,237.7,T*2E
 \$GPVTG,242.4,T,254.3,M,4.3,N,8.0,K*41
 \$GPZDA,082911,06,04,2014,00,00*4E
 \$GPGBS,082911,,,,,,,,*42
 \$GPGGA,082912,3452.5246,N,07438.4272,W,2,9,0.3,11,M,,M,,*57
 \$HEHDT,238.1,T*27
 #
 PORT 4 04-06-2014 08:30:03
 \$GPGLL,3452.5246,N,07438.4272,W,082912,A*36
 \$GPRMC,082912,A,3452.5246,N,07438.4272,W,4.3,241.9,060414,11.9,W*4F
 \$GPVTG,241.9,T,253.8,M,4.3,N,8.0,K*43
 \$HEHDT,237.8,T*21
 \$GPZDA,082912,06,04,2014,00,00*4D
 \$GPGBS,082912,,,,,,,,*41
 \$GPGGA,082913,3452.5239,N,07438.4284,W,2,9,0.3,11,M,,M,,*57
 PORT 12000 04-06-2014 08:30:03

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:30:04

\$HEHDT,238.0,T*26

\$GPGLL,3452.5239,N,07438.4284,W,082913,A*36

\$GPRMC,082913,A,3452.5239,N,07438.4284,W,4.3,240.9,060414,11.9,W*4E

\$GPVTG,240.9,T,252.8,M,4.3,N,8.0,K*43

\$GPZDA,082913,06,04,2014,00,00*4C

\$HEHDT,237.3,T*2A

\$GPGBS,082913,,,,,,,,*40

\$GPGGA,082914,3452.5233,N,07438.4297,W,2,9,0.3,11,M,,M,,*58

#

PORT 4 04-06-2014 08:30:05

\$HEHDT,237.5,T*2C

\$GPGLL,3452.5233,N,07438.4297,W,082914,A*39

\$GPRMC,082914,A,3452.5233,N,07438.4297,W,4.3,239.9,060414,11.9,W*4F

\$GPVTG,239.9,T,251.8,M,4.3,N,8.0,K*4E

\$GPZDA,082914,06,04,2014,00,00*4B

\$GPGBS,082914,,,,,,,,*47

\$GPGGA,082915,3452.5227,N,07438.4309,W,2,9,0.3,11,M,,M,,*5A

\$HEHDT,237.2,T*2B

#

PORT 4 04-06-2014 08:30:06

\$HEHDT,237.0,T*29

\$GPGLL,3452.5227,N,07438.4309,W,082915,A*3B

\$GPRMC,082915,A,3452.5227,N,07438.4309,W,4.3,239.1,060414,11.9,W*45

\$GPVTG,239.1,T,251.0,M,4.3,N,8.0,K*4E

\$GPZDA,082915,06,04,2014,00,00*4A

\$GPGBS,082915,,,,,,,,*46

\$GPGGA,082916,3452.5222,N,07438.4322,W,2,9,0.3,11,M,,M,,*55

\$HEHDT,236.6,T*2E

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PORT 4 04-06-2014 08:30:07

\$GPGLL,3452.5222,N,07438.4322,W,082916,A*34

\$GPRMC,082916,A,3452.5222,N,07438.4322,W,4.2,239.3,060414,11.9,W*49

\$HEHDT,236.7,T*2F

\$GPVTG,239.3,T,251.2,M,4.2,N,7.8,K*48

\$GPZDA,082916,06,04,2014,00,00*49

\$GPGBS,082916,,,,,,,,*45

\$GPGGA,082917,3452.5217,N,07438.4334,W,2,9,0.3,11,M,,M,,*55

\$HEHDT,237.3,T*2A

#

PORT 4 04-06-2014 08:30:08

\$GPGLL,3452.5217,N,07438.4334,W,082917,A*34

\$GPRMC,082917,A,3452.5217,N,07438.4334,W,4.2,240.2,060414,11.9,W*46

\$HEHDT,237.3,T*2A

\$GPVTG,240.2,T,252.1,M,4.2,N,7.8,K*47

\$GPZDA,082917,06,04,2014,00,00*48

\$GPGBS,082917,,,,,,,,*44

\$GPGGA,082918,3452.5212,N,07438.4348,W,2,9,0.3,11,M,,M,,*54

\$HEHDT,237.6,T*2F

#

PORT 4 04-06-2014 08:30:09

\$GPGLL,3452.5212,N,07438.4348,W,082918,A*35

\$GPRMC,082918,A,3452.5212,N,07438.4348,W,4.2,241.4,060414,11.9,W*40

\$GPVTG,241.4,T,253.3,M,4.2,N,7.8,K*43

\$GPZDA,082918,06,04,2014,00,00*47

\$HEHDT,238.2,T*24

\$GPGBS,082918,,,,,,,,*4B

\$GPGGA,082919,3452.5205,N,07438.4359,W,2,9,0.3,11,M,,M,,*53

#

PORT 4 04-06-2014 08:30:10

\$HEHDT,238.7,T*21

S01_C04_survey.Log

\$GPGLL,3452.5205,N,07438.4359,W,082919,A*32
\$GPRMC,082919,A,3452.5205,N,07438.4359,W,4.2,241.7,060414,11.9,W*44
\$GPVTG,241.7,T,253.6,M,4.2,N,7.8,K*45
\$GPZDA,082919,06,04,2014,00,00*46
\$GPGBS,082919,,,,,,*4A
\$HEHDT,239.0,T*27
\$GPGGA,082920,3452.5198,N,07438.4370,W,2,9,0.3,11,M,,M,,*55

PORT 4 04-06-2014 08:30:11
\$HEHDT,239.0,T*27
\$GPGLL,3452.5198,N,07438.4370,W,082920,A*34
\$GPRMC,082920,A,3452.5198,N,07438.4370,W,4.2,241.0,060414,11.9,W*45
\$GPVTG,241.0,T,252.9,M,4.2,N,7.8,K*4C
\$GPZDA,082920,06,04,2014,00,00*4C
\$GPGBS,082920,,,,,,*40
\$GPGGA,082921,3452.5191,N,07438.4384,W,2,9,0.3,11,M,,M,,*56
\$HEHDT,239.5,T*22

PORT 4 04-06-2014 08:30:12
\$GPGLL,3452.5191,N,07438.4384,W,082921,A*37
\$GPRMC,082921,A,3452.5191,N,07438.4384,W,4.2,239.8,060414,11.9,W*41
\$HEHDT,238.7,T*21
\$GPVTG,239.8,T,251.7,M,4.2,N,7.8,K*46
\$GPZDA,082921,06,04,2014,00,00*4D
\$GPGBS,082921,,,,,,*41
\$GPGGA,082922,3452.5186,N,07438.4398,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,238.7,T*21

PORT 4 04-06-2014 08:30:13
\$GPGLL,3452.5186,N,07438.4398,W,082922,A*3F
\$GPRMC,082922,A,3452.5186,N,07438.4398,W,4.2,239.2,060414,11.9,W*43
\$HEHDT,238.6,T*20
\$GPVTG,239.2,T,251.1,M,4.2,N,7.8,K*4A
\$GPZDA,082922,06,04,2014,00,00*4E
\$GPGBS,082922,,,,,,*42
\$GPGGA,082923,3452.5179,N,07438.4414,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,238.0,T*26
PORT 12000 04-06-2014 08:30:13
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:30:14
\$GPGLL,3452.5179,N,07438.4414,W,082923,A*3D
\$GPRMC,082923,A,3452.5179,N,07438.4414,W,4.3,239.7,060414,11.9,W*45
\$GPVTG,239.7,T,251.6,M,4.3,N,8.0,K*4E
\$HEHDT,238.0,T*26
\$GPZDA,082923,06,04,2014,00,00*4F
\$GPGBS,082923,,,,,,*43
\$GPGGA,082924,3452.5173,N,07438.4429,W,2,9,0.3,11,M,,M,,*5F
\$HEHDT,238.3,T*25

PORT 4 04-06-2014 08:30:15
\$GPGLL,3452.5173,N,07438.4429,W,082924,A*3E
\$GPRMC,082924,A,3452.5173,N,07438.4429,W,4.4,240.6,060414,11.9,W*4E
\$GPVTG,240.6,T,252.5,M,4.4,N,8.1,K*47
\$GPZDA,082924,06,04,2014,00,00*48
\$GPGBS,082924,,,,,,*44
\$HEHDT,237.8,T*21
\$GPGGA,082925,3452.5168,N,07438.4442,W,2,9,0.3,11,M,,M,,*59

PORT 4 04-06-2014 08:30:16
\$HEHDT,238.0,T*26
\$GPGLL,3452.5168,N,07438.4442,W,082925,A*38
\$GPRMC,082925,A,3452.5168,N,07438.4442,W,4.5,241.3,060414,11.9,W*4D

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\$GPVTG,241.3,T,253.2,M,4.5,N,8.3,K*46
\$GPZDA,082925,06,04,2014,00,00*49
\$GPGBS,082925,,,,,,,,*45
\$GPGGA,082926,3452.5163,N,07438.4453,W,2,9,0.3,11,M,,M,,*51
\$HEHDT,238.3,T*25

PORT 4 04-06-2014 08:30:17
\$GPGLL,3452.5163,N,07438.4453,W,082926,A*30
\$HEHDT,238.0,T*26
\$GPRMC,082926,A,3452.5163,N,07438.4453,W,4.4,241.9,060414,11.9,W*4E
\$GPVTG,241.9,T,253.8,M,4.4,N,8.1,K*45
\$GPZDA,082926,06,04,2014,00,00*4A
\$GPGBS,082926,,,,,,,,*46
\$GPGGA,082927,3452.5158,N,07438.4465,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,238.5,T*23

PORT 4 04-06-2014 08:30:18
\$GPGLL,3452.5158,N,07438.4465,W,082927,A*3C
\$GPRMC,082927,A,3452.5158,N,07438.4465,W,4.3,242.0,060414,11.9,W*4F
\$HEHDT,237.8,T*21
\$GPVTG,242.0,T,253.9,M,4.3,N,8.0,K*48
\$GPZDA,082927,06,04,2014,00,00*4B
\$GPGBS,082927,,,,,,,,*47
\$GPGGA,082928,3452.5152,N,07438.4478,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,238.1,T*27
\$GPGLL,3452.5152,N,07438.4478,W,082928,A*35
\$GPRMC,082928,A,3452.5152,N,07438.4478,W,4.2,241.9,060414,11.9,W*4D
\$GPVTG,241.9,T,253.8,M,4.2,N,7.8,K*45
\$HEHDT,238.3,T*25
\$GPZDA,082928,06,04,2014,00,00*44
\$GPGBS,082928,,,,,,,,*48
\$GPGGA,082929,3452.5147,N,07438.4490,W,2,9,0.3,11,M,,M,,*57

PORT 4 04-06-2014 08:30:19
\$HEHDT,238.9,T*2F
\$GPGLL,3452.5147,N,07438.4490,W,082929,A*36
\$GPRMC,082929,A,3452.5147,N,07438.4490,W,4.2,241.9,060414,11.9,W*4E
\$GPVTG,241.9,T,253.8,M,4.2,N,7.8,K*45
\$GPZDA,082929,06,04,2014,00,00*45
\$HEHDT,238.3,T*25
\$GPGBS,082929,,,,,,,,*49
\$GPGGA,082930,3452.5143,N,07438.4503,W,2,9,0.3,11,M,,M,,*50

PORT 4 04-06-2014 08:30:20
\$HEHDT,238.9,T*2F
\$GPGLL,3452.5143,N,07438.4503,W,082930,A*31
\$GPRMC,082930,A,3452.5143,N,07438.4503,W,4.2,241.9,060414,11.9,W*49
\$GPVTG,241.9,T,253.8,M,4.2,N,7.8,K*45
\$GPZDA,082930,06,04,2014,00,00*4D
\$GPGBS,082930,,,,,,,,*41
\$GPGGA,082931,3452.5135,N,07438.4514,W,2,9,0.3,11,M,,M,,*56
\$HEHDT,239.1,T*26

PORT 4 04-06-2014 08:30:21
\$GPGLL,3452.5135,N,07438.4514,W,082931,A*37
\$HEHDT,239.1,T*26
\$GPRMC,082931,A,3452.5135,N,07438.4514,W,4.2,241.9,060414,11.9,W*4F
\$GPVTG,241.9,T,253.8,M,4.2,N,7.8,K*45
\$GPZDA,082931,06,04,2014,00,00*4C
\$GPGBS,082931,,,,,,,,*40
\$GPGGA,082932,3452.5129,N,07438.4528,W,2,9,0.3,11,M,,M,,*57
\$HEHDT,239.4,T*23
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PORT 4 04-06-2014 08:30:22

\$GPGLL,3452.5129,N,07438.4528,W,082932,A*36
\$GPRMC,082932,A,3452.5129,N,07438.4528,W,4.2,241.3,060414,11.9,w*44
\$HEHDT,239.4,T*23
\$GPVTG,241.3,T,253.2,M,4.2,N,7.8,K*45
\$GPZDA,082932,06,04,2014,00,00*4F
\$GPGBS,082932,,,,,,,,*43
\$GPGGA,082933,3452.5123,N,07438.4540,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,239.7,T*20

PORT 12000 04-06-2014 08:30:22

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:30:23

\$GPGLL,3452.5123,N,07438.4540,W,082933,A*33
\$GPRMC,082933,A,3452.5123,N,07438.4540,W,4.2,240.6,060414,11.9,w*45
\$GPVTG,240.6,T,252.5,M,4.2,N,7.8,K*47
\$HEHDT,238.9,T*2F
\$GPZDA,082933,06,04,2014,00,00*4E
\$GPGBS,082933,,,,,,,,*42
\$GPGGA,082934,3452.5117,N,07438.4554,W,2,9,0.3,11,M,,M,,*57

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PORT 4 04-06-2014 08:30:25

\$HEHDT,239.1,T*26
\$GPGLL,3452.5117,N,07438.4554,W,082934,A*36
\$GPRMC,082934,A,3452.5117,N,07438.4554,W,4.3,240.5,060414,11.9,w*42
\$GPVTG,240.5,T,252.4,M,4.3,N,8.0,K*43
\$HEHDT,239.0,T*27
\$GPZDA,082934,06,04,2014,00,00*49
\$GPGBS,082934,,,,,,,,*45
\$GPGGA,082935,3452.5112,N,07438.4568,W,2,9,0.3,11,M,,M,,*5C

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PORT 4 04-06-2014 08:30:26

\$HEHDT,238.5,T*23
\$GPGLL,3452.5112,N,07438.4568,W,082935,A*3D
\$GPRMC,082935,A,3452.5112,N,07438.4568,W,4.3,240.9,060414,11.9,w*45
\$GPVTG,240.9,T,252.8,M,4.3,N,8.0,K*43
\$GPZDA,082935,06,04,2014,00,00*48
\$GPGBS,082935,,,,,,,,*44
\$GPGGA,082936,3452.5107,N,07438.4583,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,238.5,T*23

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PORT 4 04-06-2014 08:30:27

\$GPGLL,3452.5107,N,07438.4583,W,082936,A*3F
\$HEHDT,238.9,T*2F
\$GPRMC,082936,A,3452.5107,N,07438.4583,W,4.3,241.6,060414,11.9,w*49
\$GPVTG,241.6,T,253.5,M,4.3,N,8.0,K*41
\$GPZDA,082936,06,04,2014,00,00*4B
\$GPGBS,082936,,,,,,,,*47
\$GPGGA,082937,3452.5103,N,07438.4597,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,238.1,T*27

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PORT 4 04-06-2014 08:30:28

\$GPGLL,3452.5103,N,07438.4597,W,082937,A*3F
\$GPRMC,082937,A,3452.5103,N,07438.4597,W,4.4,242.8,060414,11.9,w*43
\$HEHDT,238.3,T*25
\$GPVTG,242.8,T,254.7,M,4.4,N,8.1,K*4F
\$GPZDA,082937,06,04,2014,00,00*4A
\$GPGBS,082937,,,,,,,,*46
\$GPGGA,082938,3452.5097,N,07438.4608,W,2,6,0.4,11,M,,M,,*50
\$HEHDT,238.4,T*22

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PORT 4 04-06-2014 08:30:29

\$GPGLL,3452.5097,N,07438.4608,W,082938,A*39

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\$GPRMC,082938,A,3452.5097,N,07438.4608,W,4.4,244.1,060414,11.9,w*4A
\$GPVTG,244.1,T,256.0,M,4.4,N,8.1,K*45
\$HEHDT,238.1,T*27
\$GPZDA,082938,06,04,2014,00,00*45
\$GPGBS,082938,,,,,,,,*49
\$GPGGA,082939,3452.5090,N,07438.4619,W,2,6,0.4,11,M,,M,,*56
\$HEHDT,238.5,T*23

PORT 4 04-06-2014 08:30:30
\$GPGLL,3452.5090,N,07438.4619,W,082939,A*3F
\$GPRMC,082939,A,3452.5090,N,07438.4619,W,4.3,244.6,060414,11.9,w*4C
\$GPVTG,244.6,T,256.5,M,4.3,N,8.0,K*41
\$GPZDA,082939,06,04,2014,00,00*44
\$HEHDT,238.7,T*21
\$GPGBS,082939,,,,,,,,*48
\$GPGGA,082940,3452.5083,N,07438.4630,W,1,9,1.1,11,M,,M,,*59

PORT 4 04-06-2014 08:30:31
\$HEHDT,238.6,T*20
\$GPGLL,3452.5083,N,07438.4630,W,082940,A*38
\$GPRMC,082940,A,3452.5083,N,07438.4630,W,4.3,243.7,060414,11.9,w*4D
\$GPVTG,243.7,T,255.6,M,4.3,N,8.0,K*47
\$GPZDA,082940,06,04,2014,00,00*4A
\$GPGBS,082940,,,,,,,,*46
\$GPGGA,082941,3452.5076,N,07438.4641,W,1,9,1.1,11,M,,M,,*54
\$HEHDT,239.0,T*27

PORT 4 04-06-2014 08:30:32
\$HEHDT,239.3,T*24
\$GPGLL,3452.5076,N,07438.4641,W,082941,A*35
\$GPRMC,082941,A,3452.5076,N,07438.4641,W,4.3,242.0,060414,11.9,w*46
\$GPVTG,242.0,T,253.9,M,4.3,N,8.0,K*48
\$GPZDA,082941,06,04,2014,00,00*4B
\$GPGBS,082941,,,,,,,,*47
\$HEHDT,238.6,T*20
\$GPGGA,082942,3452.5070,N,07438.4655,W,2,6,0.4,11,M,,M,,*5C

PORT 4 04-06-2014 08:30:33
\$GPGLL,3452.5070,N,07438.4655,W,082942,A*35
\$GPRMC,082942,A,3452.5070,N,07438.4655,W,4.3,240.7,060414,11.9,w*43
\$HEHDT,238.7,T*21
\$GPVTG,240.7,T,252.6,M,4.3,N,8.0,K*43
\$GPZDA,082942,06,04,2014,00,00*48
\$GPGBS,082942,,,,,,,,*44
\$GPGGA,082943,3452.5067,N,07438.4669,W,2,6,0.4,11,M,,M,,*54
\$HEHDT,239.1,T*26
PORT 12000 04-06-2014 08:30:33
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:30:34
\$GPGLL,3452.5067,N,07438.4669,W,082943,A*3D
\$GPRMC,082943,A,3452.5067,N,07438.4669,W,4.2,240.4,060414,11.9,w*49
\$HEHDT,238.7,T*21
\$GPVTG,240.4,T,252.3,M,4.2,N,7.8,K*43
\$GPZDA,082943,06,04,2014,00,00*49
\$GPGBS,082943,,,,,,,,*45
\$GPGGA,082944,3452.5062,N,07438.4681,W,2,6,0.3,11,M,,M,,*57
\$HEHDT,239.3,T*24

PORT 4 04-06-2014 08:30:35
\$GPGLL,3452.5062,N,07438.4681,W,082944,A*39
\$GPRMC,082944,A,3452.5062,N,07438.4681,W,4.2,242.6,060414,11.9,w*4D
\$GPVTG,242.6,T,254.5,M,4.2,N,7.8,K*43

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\$HEHDT,239.3,T*24
\$GPZDA,082944,06,04,2014,00,00*4E
\$GPGBS,082944,,,,,,*42
\$GPGGA,082945,3452.5057,N,07438.4695,W,2,6,0.3,11,M,,M,,*55
\$HEHDT,239.5,T*22

PORT 4 04-06-2014 08:30:36
\$GPGLL,3452.5057,N,07438.4695,W,082945,A*3B
\$GPRMC,082945,A,3452.5057,N,07438.4695,W,4.2,242.6,060414,11.9,W*4F
\$GPVTG,242.6,T,254.5,M,4.2,N,7.8,K*43
\$GPZDA,082945,06,04,2014,00,00*4F
\$HEHDT,239.9,T*2E
\$GPGBS,082945,,,,,,*43
\$GPGGA,082946,3452.5051,N,07438.4710,W,2,9,0.3,11,M,,M,,*53

PORT 4 04-06-2014 08:30:37
\$HEHDT,239.3,T*24
\$GPGLL,3452.5051,N,07438.4710,W,082946,A*32
\$GPRMC,082946,A,3452.5051,N,07438.4710,W,4.2,243.0,060414,11.9,W*41
\$GPVTG,243.0,T,254.9,M,4.2,N,7.8,K*48
\$GPZDA,082946,06,04,2014,00,00*4C
\$HEHDT,239.6,T*21
\$GPGBS,082946,,,,,,*40
\$GPGGA,082947,3452.5044,N,07438.4724,W,2,9,0.3,12,M,,M,,*52

PORT 5 04-06-2014 08:30:39
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PORT 4 04-06-2014 08:30:39
\$HEHDT,239.3,T*24
\$GPGLL,3452.5051,N,07438.4710,W,082946,A*32
\$GPRMC,082946,A,3452.5051,N,07438.4710,W,4.2,243.0,060414,11.9,W*41
\$GPVTG,243.0,T,254.9,M,4.2,N,7.8,K*48
\$GPZDA,082946,06,04,2014,00,00*4C
\$HEHDT,239.6,T*21
\$GPGBS,082946,,,,,,*40
\$GPGGA,082947,3452.5044,N,07438.4724,W,2,9,0.3,12,M,,M,,*52
\$GPGLL,3452.5044,N,07438.4724,W,082947,A*30
\$HEHDT,239.9,T*2E
\$GPRMC,082947,A,3452.5044,N,07438.4724,W,4.3,242.9,060414,11.9,W*4A
\$GPVTG,242.9,T,254.8,M,4.3,N,8.0,K*47
\$GPZDA,082947,06,04,2014,00,00*4D
\$GPGBS,082947,,,,,,*41
\$GPGGA,082948,3452.5038,N,07438.4736,W,2,9,0.3,12,M,,M,,*55
\$HEHDT,239.7,T*20
\$GPGLL,3452.5038,N,07438.4736,W,082948,A*37
\$HEHDT,240.2,T*2B
\$GPRMC,082948,A,3452.5038,N,07438.4736,W,4.4,242.4,060414,11.9,W*47
\$GPVTG,242.4,T,254.3,M,4.4,N,8.1,K*47
\$GPZDA,082948,06,04,2014,00,00*42
\$GPGBS,082948,,,,,,*4E
\$GPGGA,082949,3452.5032,N,07438.4750,W,2,9,0.3,12,M,,M,,*5E
\$HEHDT,239.8,T*2F

PORT 4 04-06-2014 08:30:40
\$GPGLL,3452.5032,N,07438.4750,W,082949,A*3C
\$GPRMC,082949,A,3452.5032,N,07438.4750,W,4.4,242.0,060414,11.9,W*48
\$HEHDT,240.1,T*28
\$GPVTG,242.0,T,253.9,M,4.4,N,8.1,K*4E
\$GPZDA,082949,06,04,2014,00,00*43
\$GPGBS,082949,,,,,,*4F
\$GPGGA,082950,3452.5027,N,07438.4764,W,2,9,0.3,12,M,,M,,*55
\$HEHDT,239.3,T*24
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PORT 4 04-06-2014 08:30:41

\$GPGLL,3452.5027,N,07438.4764,W,082950,A*37
\$GPRMC,082950,A,3452.5027,N,07438.4764,W,4.4,242.0,060414,11.9,w*43
\$GPVTG,242.0,T,253.9,M,4.4,N,8.1,K*4E
\$GPZDA,082950,06,04,2014,00,00*4B
\$HEHDT,239.3,T*24
\$GPGBS,082950,,,,,,,,*47
\$GPGGA,082951,3452.5022,N,07438.4778,W,2,9,0.3,12,M,,M,,*5C
\$HEHDT,239.3,T*24

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PORT 5 04-06-2014 08:30:42

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PORT 4 04-06-2014 08:30:42

\$GPGLL,3452.5022,N,07438.4778,W,082951,A*3E
\$GPRMC,082951,A,3452.5022,N,07438.4778,W,4.4,242.7,060414,11.9,w*4D
\$GPVTG,242.7,T,254.6,M,4.4,N,8.1,K*41
\$GPZDA,082951,06,04,2014,00,00*4A
\$HEHDT,238.5,T*23
\$GPGBS,082951,,,,,,,,*46
\$GPGGA,082952,3452.5016,N,07438.4792,W,2,9,0.3,12,M,,M,,*5C
\$HEHDT,238.9,T*2F
\$GPGLL,3452.5016

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PORT 4 04-06-2014 08:30:44

\$GPGLL,3452.5022,N,07438.4778,W,082951,A*3E
\$GPRMC,082951,A,3452.5022,N,07438.4778,W,4.4,242.7,060414,11.9,w*4D
\$GPVTG,242.7,T,254.6,M,4.4,N,8.1,K*41
\$GPZDA,082951,06,04,2014,00,00*4A
\$HEHDT,238.5,T*23
\$GPGBS,082951,,,,,,,,*46
\$GPGGA,082952,3452.5016,N,07438.4792,W,2,9,0.3,12,M,,M,,*5C
\$HEHDT,238.9,T*2F
\$GPGLL,3452.5016,N,07438.4792,W,082952,A*3E
\$GPRMC,082952,A,3452.5016,N,07438.4792,W,4.4,243.3,060414,11.9,w*48
\$GPVTG,243.3,T,255.2,M,4.4,N,8.1,K*41
\$GPZDA,082952,06,04,2014,00,00*49
\$GPGBS,082952,,,,,,,,*45
\$GPGGA,082953,3452.5010,N,07438.4803,W,2,9,0.3,12,M,,M,,*5C
\$HEHDT,239.1,T*26
\$GPGLL,3452.5010,N,07438.4803,W,082953,A*3E
\$HEHDT,239.4,T*23
\$GPRMC,082953,A,3452.5010,N,07438.4803,W,4.4,243.1,060414,11.9,w*4A
\$GPVTG,243.1,T,255.0,M,4.4,N,8.1,K*41
\$GPZDA,082953,06,04,2014,00,00*48
\$GPGBS,082953,,,,,,,,*44
\$GPGGA,082954,3452.5005,N,07438.4814,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,239.4,T*23

PORT 12000 04-06-2014 08:30:44

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:30:45

\$GPGLL,3452.5005,N,07438.4814,W,082954,A*3B
\$GPRMC,082954,A,3452.5005,N,07438.4814,W,4.3,242.0,060414,11.9,w*48
\$HEHDT,239.5,T*22
\$GPVTG,242.0,T,253.9,M,4.3,N,8.0,K*48
\$GPZDA,082954,06,04,2014,00,00*4F
\$GPGBS,082954,,,,,,,,*43
\$GPGGA,082955,3452.5000,N,07438.4826,W,2,9,0.3,11,M,,M,,*5F
\$HEHDT,239.7,T*20

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PORT 4 04-06-2014 08:30:46

\$GPGLL,3452.5000,N,07438.4826,W,082955,A*3E

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\$GPRMC,082955,A,3452.5000,N,07438.4826,W,4.2,242.4,060414,11.9,w*48
 \$HEHDT,239.8,T*2F
 \$GPVTG,242.4,T,254.3,M,4.2,N,7.8,K*47
 \$GPZDA,082955,06,04,2014,00,00*4E
 \$GPGBS,082955,,,,,,,,*42
 \$GPGGA,082956,3452.4995,N,07438.4841,W,2,9,0.3,11,M,,M,,*59
 #
 PORT 4 04-06-2014 08:30:47
 \$HEHDT,239.8,T*2F
 \$GPGLL,3452.4995,N,07438.4841,W,082956,A*38
 \$GPRMC,082956,A,3452.4995,N,07438.4841,W,4.3,243.2,060414,11.9,w*48
 \$GPVTG,243.2,T,255.1,M,4.3,N,8.0,K*45
 \$GPZDA,082956,06,04,2014,00,00*4D
 \$HEHDT,240.2,T*2B
 \$GPGBS,082956,,,,,,,,*41
 \$GPGGA,082957,3452.4991,N,07438.4855,W,2,9,0.3,11,M,,M,,*59
 #
 PORT 4 04-06-2014 08:30:48
 \$HEHDT,239.8,T*2F
 \$GPGLL,3452.4991,N,07438.4855,W,082957,A*38
 \$GPRMC,082957,A,3452.4991,N,07438.4855,W,4.3,243.2,060414,11.9,w*48
 \$GPVTG,243.2,T,255.1,M,4.3,N,8.0,K*45
 \$GPZDA,082957,06,04,2014,00,00*4C
 \$GPGBS,082957,,,,,,,,*40
 \$GPGGA,082958,3452.4984,N,07438.4868,W,2,9,0.3,11,M,,M,,*5C
 \$HEHDT,239.9,T*2E
 #
 PORT 4 04-06-2014 08:30:49
 \$GPGLL,3452.4984,N,07438.4868,W,082958,A*3D
 \$HEHDT,240.1,T*28
 \$GPRMC,082958,A,3452.4984,N,07438.4868,W,4.3,243.6,060414,11.9,w*49
 \$GPVTG,243.6,T,255.5,M,4.3,N,8.0,K*45
 \$GPZDA,082958,06,04,2014,00,00*43
 \$GPGBS,082958,,,,,,,,*4F
 \$GPGGA,082959,3452.4978,N,07438.4880,W,2,9,0.3,11,M,,M,,*58
 \$HEHDT,239.9,T*2E
 #
 PORT 4 04-06-2014 08:30:50
 \$GPGLL,3452.4978,N,07438.4880,W,082959,A*39
 \$GPRMC,082959,A,3452.4978,N,07438.4880,W,4.3,243.1,060414,11.9,w*4A
 \$HEHDT,240.5,T*2C
 \$GPVTG,243.1,T,255.0,M,4.3,N,8.0,K*47
 \$GPZDA,082959,06,04,2014,00,00*42
 \$GPGBS,082959,,,,,,,,*4E
 \$GPGGA,083000,3452.4973,N,07438.4893,W,2,9,0.3,11,M,,M,,*55
 \$HEHDT,240.2,T*2B
 #
 PORT 4 04-06-2014 08:30:51
 \$GPGLL,3452.4973,N,07438.4893,W,083000,A*34
 \$GPRMC,083000,A,3452.4973,N,07438.4893,W,4.3,242.6,060414,11.9,w*41
 \$HEHDT,240.5,T*2C
 \$GPVTG,242.6,T,254.5,M,4.3,N,8.0,K*45
 \$GPZDA,083000,06,04,2014,00,00*46
 \$GPGBS,083000,,,,,,,,*4A
 \$GPGGA,083001,3452.4967,N,07438.4908,W,2,9,0.3,11,M,,M,,*52
 \$HEHDT,240.4,T*2D
 #
 PORT 4 04-06-2014 08:30:53
 \$GPGLL,3452.4967,N,07438.4908,W,083001,A*33
 \$GPRMC,083001,A,3452.4967,N,07438.4908,W,4.3,242.6,060414,11.9,w*46
 \$GPVTG,242.6,T,254.5,M,4.3,N,8.0,K*45
 \$GPZDA,083001,06,04,2014,00,00*47
 \$HEHDT,240.1,T*28

S01_C04_survey.Log

\$GPGBS,083001,,,,,,,,*4B
\$GPGGA,083002,3452.4962,N,07438.4922,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,239.4,T*23
\$GPGLL,3452.4962,N,07438.4922,W,083002,A*3D
\$GPRMC,083002,A,3452.4962,N,07438.4922,W,4.4,243.5,060414,11.9,W*4D
\$GPVTG,243.5,T,255.4,M,4.4,N,8.1,K*41
\$GPZDA,083002,06,04,2014,00,00*44
\$GPGBS,083002,,,,,,,,*48
\$HEHDT,239.8,T*2F
\$GPGGA,083003,3452.4957,N,07438.4935,W,2,9,0.4,11,M,,M,,*5A
PORT 12000 04-06-2014 08:30:53
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:30:54
\$HEHDT,239.4,T*23
\$GPGLL,3452.4957,N,07438.4935,W,083003,A*3C
\$GPRMC,083003,A,3452.4957,N,07438.4935,W,4.4,243.8,060414,11.9,W*41
\$GPVTG,243.8,T,255.7,M,4.4,N,8.1,K*4F
\$GPZDA,083003,06,04,2014,00,00*45
\$GPGBS,083003,,,,,,,,*49
\$GPGGA,083004,3452.4952,N,07438.4948,W,2,6,0.4,11,M,,M,,*5D
\$HEHDT,239.9,T*2E

PORT 4 04-06-2014 08:30:55
\$GPGLL,3452.4952,N,07438.4948,W,083004,A*34
\$HEHDT,239.5,T*22
\$GPRMC,083004,A,3452.4952,N,07438.4948,W,4.4,243.8,060414,11.9,W*49
\$GPVTG,243.8,T,255.7,M,4.4,N,8.1,K*4F
\$GPZDA,083004,06,04,2014,00,00*42
\$GPGBS,083004,,,,,,,,*4E
\$GPGGA,083005,3452.4945,N,07438.4962,W,2,6,0.4,11,M,,M,,*52
\$HEHDT,239.8,T*2F

PORT 4 04-06-2014 08:30:56
\$GPGLL,3452.4945,N,07438.4962,W,083005,A*3B
\$GPRMC,083005,A,3452.4945,N,07438.4962,W,4.3,243.7,060414,11.9,W*4E
\$HEHDT,240.2,T*2B
\$GPVTG,243.7,T,255.6,M,4.3,N,8.0,K*47
\$GPZDA,083005,06,04,2014,00,00*43
\$GPGBS,083005,,,,,,,,*4F
\$GPGGA,083006,3452.4939,N,07438.4976,W,2,6,0.4,11,M,,M,,*5F
\$HEHDT,240.0,T*29

PORT 4 04-06-2014 08:30:57
\$GPGLL,3452.4939,N,07438.4976,W,083006,A*36
\$GPRMC,083006,A,3452.4939,N,07438.4976,W,4.4,242.6,060414,11.9,W*44
\$GPVTG,242.6,T,254.5,M,4.4,N,8.1,K*43
\$HEHDT,240.3,T*2A
\$GPZDA,083006,06,04,2014,00,00*40
\$GPGBS,083006,,,,,,,,*4C
\$GPGGA,083007,3452.4935,N,07438.4988,W,2,6,0.4,11,M,,M,,*53
\$HEHDT,240.5,T*2C

PORT 4 04-06-2014 08:30:58
\$GPGLL,3452.4935,N,07438.4988,W,083007,A*3A
\$GPRMC,083007,A,3452.4935,N,07438.4988,W,4.4,242.6,060414,11.9,W*48
\$GPVTG,242.6,T,254.5,M,4.4,N,8.1,K*43
\$GPZDA,083007,06,04,2014,00,00*41
\$GPGBS,083007,,,,,,,,*4D
\$GPGGA,083008,3452.4931,N,07438.5002,W,2,6,0.4,11,M,,M,,*52
\$HEHDT,240.4,T*2D

PORT 4 04-06-2014 08:31:00

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\$GPGLL,3452.4931,N,07438.5002,w,083008,A*3B
\$HEHDT,240.7,T*2E
\$GPRMC,083008,A,3452.4931,N,07438.5002,w,4.3,243.1,060414,11.9,w*48
\$GPVTG,243.1,T,255.0,M,4.3,N,8.0,K*47
\$GPZDA,083008,06,04,2014,00,00*4E
\$GPGBS,083008,,,,,,,,*42
\$GPGGA,083009,3452.4926,N,07438.5016,w,2,6,0.4,11,M,,M,,*50
\$HEHDT,240.6,T*2F
\$GPGLL,3452.4926,N,07438.5016,w,083009,A*39
\$GPRMC,083009,A,3452.4926,N,07438.5016,w,4.3,244.0,060414,11.9,w*4C
\$HEHDT,240.9,T*20
\$GPVTG,244.0,T,255.9,M,4.3,N,8.0,K*48
\$GPZDA,083009,06,04,2014,00,00*4F
\$GPGBS,083009,,,,,,,,*43
\$GPGGA,083010,3452.4921,N,07438.5028,w,2,6,0.4,11,M,,M,,*52
\$HEHDT,240.9,T*20

PORT 4 04-06-2014 08:31:01
\$GPGLL,3452.4921,N,07438.5028,w,083010,A*3B
\$GPRMC,083010,A,3452.4921,N,07438.5028,w,4.3,244.6,060414,11.9,w*48
\$GPVTG,244.6,T,256.5,M,4.3,N,8.0,K*41
\$HEHDT,240.7,T*2E
\$GPZDA,083010,06,04,2014,00,00*47
\$GPGBS,083010,,,,,,,,*4B
\$GPGGA,083011,3452.4916,N,07438.5042,w,2,6,0.3,11,M,,M,,*5C
\$HEHDT,240.9,T*20

PORT 4 04-06-2014 08:31:02
\$GPGLL,3452.4916,N,07438.5042,w,083011,A*32
\$GPRMC,083011,A,3452.4916,N,07438.5042,w,4.3,244.5,060414,11.9,w*42
\$GPVTG,244.5,T,256.4,M,4.3,N,8.0,K*43
\$GPZDA,083011,06,04,2014,00,00*46
\$HEHDT,240.4,T*2D
\$GPGBS,083011,,,,,,,,*4A
\$GPGGA,083012,3452.4911,N,07438.5053,w,2,9,0.3,11,M,,M,,*57

PORT 4 04-06-2014 08:31:03
\$HEHDT,240.8,T*21
\$GPGLL,3452.4911,N,07438.5053,w,083012,A*36
\$GPRMC,083012,A,3452.4911,N,07438.5053,w,4.3,244.1,060414,11.9,w*42
\$GPVTG,244.1,T,256.0,M,4.3,N,8.0,K*43
\$GPZDA,083012,06,04,2014,00,00*45
\$GPGBS,083012,,,,,,,,*49
\$HEHDT,240.6,T*2F
\$GPGGA,083013,3452.4905,N,07438.5067,w,2,9,0.3,11,M,,M,,*54
PORT 12000 04-06-2014 08:31:03
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:31:04
\$GPGLL,3452.4905,N,07438.5067,w,083013,A*35
\$HEHDT,240.9,T*20
\$GPRMC,083013,A,3452.4905,N,07438.5067,w,4.3,243.7,060414,11.9,w*40
\$GPVTG,243.7,T,255.6,M,4.3,N,8.0,K*47
\$GPZDA,083013,06,04,2014,00,00*44
\$GPGBS,083013,,,,,,,,*48
\$GPGGA,083014,3452.4901,N,07438.5081,w,2,9,0.3,11,M,,M,,*5F
\$HEHDT,241.2,T*2A

PORT 4 04-06-2014 08:31:05
\$GPGLL,3452.4901,N,07438.5081,w,083014,A*3E
\$GPRMC,083014,A,3452.4901,N,07438.5081,w,4.3,243.7,060414,11.9,w*4B
\$HEHDT,241.3,T*2B
\$GPVTG,243.7,T,255.6,M,4.3,N,8.0,K*47

S01_C04_survey.Log

\$GPZDA,083014,06,04,2014,00,00*43
\$GPGBS,083014,,,,,,,,*4F
\$GPGGA,083015,3452.4897,N,07438.5096,W,2,9,0.3,11,M,,M,,*56
\$HEHDT,240.9,T*20

PORT 4 04-06-2014 08:31:06
\$GPGLL,3452.4897,N,07438.5096,W,083015,A*37
\$GPRMC,083015,A,3452.4897,N,07438.5096,W,4.3,244.4,060414,11.9,W*46
\$HEHDT,241.2,T*2A
\$GPVTG,244.4,T,256.3,M,4.3,N,8.0,K*45
\$GPZDA,083015,06,04,2014,00,00*42
\$GPGBS,083015,,,,,,,,*4E
\$GPGGA,083016,3452.4891,N,07438.5110,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,241.0,T*28

PORT 4 04-06-2014 08:31:07
\$GPGLL,3452.4891,N,07438.5110,W,083016,A*3D
\$GPRMC,083016,A,3452.4891,N,07438.5110,W,4.4,245.7,060414,11.9,W*49
\$GPVTG,245.7,T,257.6,M,4.4,N,8.1,K*45
\$HEHDT,241.0,T*28
\$GPZDA,083016,06,04,2014,00,00*41
\$GPGBS,083016,,,,,,,,*4D
\$GPGGA,083017,3452.4884,N,07438.5124,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,240.6,T*2F

PORT 4 04-06-2014 08:31:08
\$GPGLL,3452.4884,N,07438.5124,W,083017,A*3F
\$GPRMC,083017,A,3452.4884,N,07438.5124,W,4.4,244.8,060414,11.9,W*45
\$GPVTG,244.8,T,256.7,M,4.4,N,8.1,K*4B
\$GPZDA,083017,06,04,2014,00,00*40
\$HEHDT,240.7,T*2E
\$GPGBS,083017,,,,,,,,*4C
\$GPGGA,083018,3452.4879,N,07438.5136,W,2,9,0.3,11,M,,M,,*50

PORT 4 04-06-2014 08:31:09
\$HEHDT,240.8,T*21
\$GPGLL,3452.4879,N,07438.5136,W,083018,A*31
\$GPRMC,083018,A,3452.4879,N,07438.5136,W,4.4,244.8,060414,11.9,W*4B
\$GPVTG,244.8,T,256.7,M,4.4,N,8.1,K*4B
\$GPZDA,083018,06,04,2014,00,00*4F
\$GPGBS,083018,,,,,,,,*43
\$GPGGA,083019,3452.4872,N,07438.5150,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,240.5,T*2C

PORT 4 04-06-2014 08:31:10
\$GPGLL,3452.4872,N,07438.5150,W,083019,A*3B
\$HEHDT,240.6,T*2F
\$GPRMC,083019,A,3452.4872,N,07438.5150,W,4.5,243.8,060414,11.9,W*47
\$GPVTG,243.8,T,255.7,M,4.5,N,8.3,K*4C
\$GPZDA,083019,06,04,2014,00,00*4E
\$GPGBS,083019,,,,,,,,*42
\$GPGGA,083020,3452.4867,N,07438.5164,W,2,9,0.3,11,M,,M,,*53
\$HEHDT,240.6,T*2F

PORT 4 04-06-2014 08:31:11
\$GPGLL,3452.4867,N,07438.5164,W,083020,A*32
\$GPRMC,083020,A,3452.4867,N,07438.5164,W,4.5,243.4,060414,11.9,W*42
\$HEHDT,240.9,T*20
\$GPVTG,243.4,T,255.3,M,4.5,N,8.3,K*44
\$GPZDA,083020,06,04,2014,00,00*44
\$GPGBS,083020,,,,,,,,*48
\$GPGGA,083021,3452.4865,N,07438.5177,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,241.3,T*2B

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\$GPGLL,3452.4865,N,07438.5177,W,083021,A*33
\$GPRMC,083021,A,3452.4865,N,07438.5177,W,4.4,245.3,060414,11.9,w*43
\$GPVTG,245.3,T,257.2,M,4.4,N,8.1,K*45
\$HEHDT,240.7,T*2E
\$GPZDA,083021,06,04,2014,00,00*45
\$GPGBS,083021,,,,,,,,*49
\$GPGGA,083022,3452.4861,N,07438.5190,W,2,9,0.3,11,M,,M,,*5C

PORT 4 04-06-2014 08:31:12
\$HEHDT,241.1,T*29
\$GPGLL,3452.4861,N,07438.5190,W,083022,A*3D
\$GPRMC,083022,A,3452.4861,N,07438.5190,W,4.4,245.3,060414,11.9,w*4D
\$GPVTG,245.3,T,257.2,M,4.4,N,8.1,K*45
\$GPZDA,083022,06,04,2014,00,00*46
\$HEHDT,241.2,T*2A
\$GPGBS,083022,,,,,,,,*4A
\$GPGGA,083023,3452.4854,N,07438.5201,W,2,9,0.3,11,M,,M,,*50

PORT 4 04-06-2014 08:31:13
\$HEHDT,240.9,T*20
\$GPGLL,3452.4854,N,07438.5201,W,083023,A*31
\$GPRMC,083023,A,3452.4854,N,07438.5201,W,4.3,245.4,060414,11.9,w*41
\$GPVTG,245.4,T,257.3,M,4.3,N,8.0,K*45
\$GPZDA,083023,06,04,2014,00,00*47
\$GPGBS,083023,,,,,,,,*4B
\$HEHDT,241.1,T*29
\$GPGGA,083024,3452.4848,N,07438.5215,W,2,9,0.3,11,M,,M,,*5F
PORT 12000 04-06-2014 08:31:13
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:31:14
\$HEHDT,240.6,T*2F
\$GPGLL,3452.4848,N,07438.5215,W,083024,A*3E
\$GPRMC,083024,A,3452.4848,N,07438.5215,W,4.3,244.8,060414,11.9,w*43
\$GPVTG,244.8,T,256.7,M,4.3,N,8.0,K*4D
\$GPZDA,083024,06,04,2014,00,00*40
\$GPGBS,083024,,,,,,,,*4C
\$GPGGA,083025,3452.4843,N,07438.5227,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,240.6,T*2F

PORT 4 04-06-2014 08:31:15
\$GPGLL,3452.4843,N,07438.5227,W,083025,A*35
\$HEHDT,240.7,T*2E
\$GPRMC,083025,A,3452.4843,N,07438.5227,W,4.3,244.3,060414,11.9,w*43
\$GPVTG,244.3,T,256.2,M,4.3,N,8.0,K*43
\$GPZDA,083025,06,04,2014,00,00*41
\$GPGBS,083025,,,,,,,,*4D
\$GPGGA,083026,3452.4838,N,07438.5240,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,240.5,T*2C

PORT 4 04-06-2014 08:31:16
\$GPGLL,3452.4838,N,07438.5240,W,083026,A*3B
\$GPRMC,083026,A,3452.4838,N,07438.5240,W,4.3,244.6,060414,11.9,w*48
\$HEHDT,240.5,T*2C
\$GPVTG,244.6,T,256.5,M,4.3,N,8.0,K*41
\$GPZDA,083026,06,04,2014,00,00*42
\$GPGBS,083026,,,,,,,,*4E
\$GPGGA,083027,3452.4834,N,07438.5255,W,2,9,0.3,11,M,,M,,*53

PORT 4 04-06-2014 08:31:17
\$HEHDT,240.9,T*20
\$GPGLL,3452.4834,N,07438.5255,W,083027,A*32
\$GPRMC,083027,A,3452.4834,N,07438.5255,W,4.3,245.5,060414,11.9,w*43

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\$GPVTG,245.5,T,257.4,M,4.3,N,8.0,K*43
\$HEHDT,240.7,T*2E
\$GPZDA,083027,06,04,2014,00,00*43
\$GPGBS,083027,,,,,,,,*4F
\$GPGGA,083028,3452.4829,N,07438.5270,W,2,9,0.3,11,M,,M,,*57

PORT 4 04-06-2014 08:31:18
\$HEHDT,241.5,T*2D
\$GPGLL,3452.4829,N,07438.5270,W,083028,A*36
\$GPRMC,083028,A,3452.4829,N,07438.5270,W,4.4,246.3,060414,11.9,w*45
\$GPVTG,246.3,T,258.2,M,4.4,N,8.1,K*49
\$GPZDA,083028,06,04,2014,00,00*4C
\$HEHDT,241.2,T*2A
\$GPGBS,083028,,,,,,,,*40
\$GPGGA,083029,3452.4823,N,07438.5285,W,2,9,0.3,11,M,,M,,*56

PORT 4 04-06-2014 08:31:20
\$HEHDT,241.4,T*2C
\$GPGLL,3452.4823,N,07438.5285,W,083029,A*37
\$GPRMC,083029,A,3452.4823,N,07438.5285,W,4.5,246.1,060414,11.9,w*47
\$GPVTG,246.1,T,258.0,M,4.5,N,8.3,K*4A
\$GPZDA,083029,06,04,2014,00,00*4D
\$GPGBS,083029,,,,,,,,*41
\$GPGGA,083030,3452.4816,N,07438.5301,W,2,9,0.3,11,M,,M,,*55
\$HEHDT,241.1,T*29

PORT 4 04-06-2014 08:31:21
\$GPGLL,3452.4816,N,07438.5301,W,083030,A*34
\$HEHDT,241.4,T*2C
\$GPRMC,083030,A,3452.4816,N,07438.5301,W,4.5,245.1,060414,11.9,w*47
\$GPVTG,245.1,T,257.0,M,4.5,N,8.3,K*46
\$GPZDA,083030,06,04,2014,00,00*45
\$GPGBS,083030,,,,,,,,*49
\$GPGGA,083031,3452.4810,N,07438.5313,W,2,9,0.3,11,M,,M,,*51
\$HEHDT,241.5,T*2D

PORT 4 04-06-2014 08:31:22
\$GPGLL,3452.4810,N,07438.5313,W,083031,A*30
\$GPRMC,083031,A,3452.4810,N,07438.5313,W,4.5,243.9,060414,11.9,w*4D
\$HEHDT,241.1,T*29
\$GPVTG,243.9,T,255.8,M,4.5,N,8.3,K*42
\$GPZDA,083031,06,04,2014,00,00*44
\$GPGBS,083031,,,,,,,,*48
\$GPGGA,083032,3452.4803,N,07438.5325,W,2,9,0.3,11,M,,M,,*55
\$HEHDT,241.3,T*2B

PORT 4 04-06-2014 08:31:23
\$GPGLL,3452.4803,N,07438.5325,W,083032,A*34
\$GPRMC,083032,A,3452.4803,N,07438.5325,W,4.5,243.9,060414,11.9,w*49
\$GPVTG,243.9,T,255.8,M,4.5,N,8.3,K*42
\$HEHDT,240.8,T*21
\$GPZDA,083032,06,04,2014,00,00*47
\$GPGBS,083032,,,,,,,,*4B
\$GPGGA,083033,3452.4798,N,07438.5338,W,2,9,0.3,11,M,,M,,*55
PORT 12000 04-06-2014 08:31:23
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:31:24
\$HEHDT,240.9,T*20
\$GPGLL,3452.4798,N,07438.5338,W,083033,A*34
\$GPRMC,083033,A,3452.4798,N,07438.5338,W,4.5,243.2,060414,11.9,w*42
\$GPVTG,243.2,T,255.1,M,4.5,N,8.3,K*40
\$GPZDA,083033,06,04,2014,00,00*46

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\$HEHDT,240.5,T*2C
\$GPGBS,083033,,,,,,,,*4A
\$GPGGA,083034,3452.4796,N,07438.5352,W,2,9,0.3,11,M,,M,,*50

PORT 4 04-06-2014 08:31:25
\$HEHDT,240.7,T*2E
\$GPGLL,3452.4796,N,07438.5352,W,083034,A*31
\$GPRMC,083034,A,3452.4796,N,07438.5352,W,4.4,244.3,060414,11.9,W*40
\$GPVTG,244.3,T,256.2,M,4.4,N,8.1,K*45
\$GPZDA,083034,06,04,2014,00,00*41
\$GPGBS,083034,,,,,,,,*4D
\$GPGGA,083035,3452.4791,N,07438.5367,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,240.1,T*28

PORT 4 04-06-2014 08:31:26
\$GPGLL,3452.4791,N,07438.5367,W,083035,A*31
\$HEHDT,240.3,T*2A
\$GPRMC,083035,A,3452.4791,N,07438.5367,W,4.4,245.5,060414,11.9,W*47
\$GPVTG,245.5,T,257.4,M,4.4,N,8.1,K*45
\$GPZDA,083035,06,04,2014,00,00*40
\$GPGBS,083035,,,,,,,,*4C
\$GPGGA,083036,3452.4787,N,07438.5381,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,240.6,T*2F

PORT 4 04-06-2014 08:31:27
\$GPGLL,3452.4787,N,07438.5381,W,083036,A*3D
\$GPRMC,083036,A,3452.4787,N,07438.5381,W,4.4,246.4,060414,11.9,W*49
\$HEHDT,240.2,T*2B
\$GPVTG,246.4,T,258.3,M,4.4,N,8.1,K*4F
\$GPZDA,083036,06,04,2014,00,00*43
\$GPGBS,083036,,,,,,,,*4F
\$GPGGA,083037,3452.4783,N,07438.5393,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,240.7,T*2E

PORT 4 04-06-2014 08:31:28
\$GPGLL,3452.4783,N,07438.5393,W,083037,A*3B
\$GPRMC,083037,A,3452.4783,N,07438.5393,W,4.4,247.0,060414,11.9,W*4A
\$HEHDT,241.2,T*2A
\$GPVTG,247.0,T,258.9,M,4.4,N,8.1,K*40
\$GPZDA,083037,06,04,2014,00,00*42
\$GPGBS,083037,,,,,,,,*4E
\$GPGGA,083038,3452.4778,N,07438.5406,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,240.8,T*21

PORT 4 04-06-2014 08:31:29
\$GPGLL,3452.4778,N,07438.5406,W,083038,A*3B
\$GPRMC,083038,A,3452.4778,N,07438.5406,W,4.3,246.6,060414,11.9,W*4A
\$GPVTG,246.6,T,258.5,M,4.3,N,8.0,K*4D
\$GPZDA,083038,06,04,2014,00,00*4D
\$HEHDT,241.3,T*2B
\$GPGBS,083038,,,,,,,,*41
\$GPGGA,083039,3452.4771,N,07438.5419,W,2,9,0.3,11,M,,M,,*5C

PORT 4 04-06-2014 08:31:30
\$HEHDT,240.7,T*2E
\$GPGLL,3452.4771,N,07438.5419,W,083039,A*3D
\$GPRMC,083039,A,3452.4771,N,07438.5419,W,4.3,245.0,060414,11.9,W*49
\$GPVTG,245.0,T,256.9,M,4.3,N,8.0,K*4A
\$GPZDA,083039,06,04,2014,00,00*4C
\$GPGBS,083039,,,,,,,,*40
\$GPGGA,083040,3452.4763,N,07438.5433,W,2,9,0.3,11,M,,M,,*59
\$HEHDT,240.6,T*2F
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PORT 4 04-06-2014 08:31:31

\$HEHDT,240.2,T*2B
\$GPGLL,3452.4763,N,07438.5433,W,083040,A*38
\$GPRMC,083040,A,3452.4763,N,07438.5433,W,4.4,243.3,060414,11.9,W*4E
\$GPVTG,243.3,T,255.2,M,4.4,N,8.1,K*41
\$GPZDA,083040,06,04,2014,00,00*42
\$GPGBS,083040,,,,,,,,*4E
\$GPGGA,083041,3452.4756,N,07438.5447,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,240.5,T*2C

#

PORT 5 04-06-2014 08:31:33

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PORT 4 04-06-2014 08:31:33

\$HEHDT,240.2,T*2B
\$GPGLL,3452.4763,N,07438.5433,W,083040,A*38
\$GPRMC,083040,A,3452.4763,N,07438.5433,W,4.4,243.3,060414,11.9,W*4E
\$GPVTG,243.3,T,255.2,M,4.4,N,8.1,K*41
\$GPZDA,083040,06,04,2014,00,00*42
\$GPGBS,083040,,,,,,,,*4E
\$GPGGA,083041,3452.4756,N,07438.5447,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,240.5,T*2C
\$GPGLL,3452.4756,N,07438.5447,W,083041,A*3C
\$HEHDT,239.9,T*2E
\$GPRMC,083041,A,3452.4756,N,07438.5447,W,4.5,242.7,060414,11.9,W*4E
\$GPVTG,242.7,T,254.6,M,4.5,N,8.3,K*42
\$GPZDA,083041,06,04,2014,00,00*43
\$GPGBS,083041,,,,,,,,*4F
\$GPGGA,083042,3452.4751,N,07438.5462,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,240.1,T*28
\$GPGLL,3452.4751,N,07438.5462,W,083042,A*3F
\$GPRMC,083042,A,3452.4751,N,07438.5462,W,4.6,242.9,060414,11.9,W*40
\$HEHDT,240.1,T*28
\$GPVTG,242.9,T,254.8,M,4.6,N,8.5,K*47
\$GPZDA,083042,06,04,2014,00,00*40
\$GPGBS,083042,,,,,,,,*4C
\$GPGGA,083043,3452.4746,N,07438.5476,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,240.0,T*29

PORT 12000 04-06-2014 08:31:33

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:31:34

\$GPGLL,3452.4746,N,07438.5476,W,083043,A*3D
\$GPRMC,083043,A,3452.4746,N,07438.5476,W,4.5,243.7,060414,11.9,W*4E
\$GPVTG,243.7,T,255.6,M,4.5,N,8.3,K*42
\$GPZDA,083043,06,04,2014,00,00*41
\$HEHDT,240.1,T*28
\$GPGBS,083043,,,,,,,,*4D
\$GPGGA,083044,3452.4742,N,07438.5491,W,2,9,0.3,11,M,,M,,*56

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PORT 4 04-06-2014 08:31:35

\$HEHDT,240.2,T*2B
\$GPGLL,3452.4742,N,07438.5491,W,083044,A*37
\$GPRMC,083044,A,3452.4742,N,07438.5491,W,4.5,244.5,060414,11.9,W*41
\$GPVTG,244.5,T,256.4,M,4.5,N,8.3,K*46
\$GPZDA,083044,06,04,2014,00,00*46
\$HEHDT,240.6,T*2F
\$GPGBS,083044,,,,,,,,*4A
\$GPGGA,083045,3452.4738,N,07438.5505,W,2,9,0.3,11,M,,M,,*56

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PORT 5 04-06-2014 08:31:36

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PORT 4 04-06-2014 08:31:36

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\$HEHDT,240.1,T*28
 \$GPGLL,3452.4738,N,07438.5505,W,083045,A*37
 \$GPRMC,083045,A,3452.4738,N,07438.5505,W,4.5,245.5,060414,11.9,w*40
 \$GPVTG,245.5,T,257.4,M,4.5,N,8.3,K*46
 \$GPZDA,083045,06,04,2014,00,00*47
 \$GPGBS,083045,,,,,,,,*4B
 \$GPGGA,083046,3452.4733,N,07438.5519,W,2,9,0.3,11,M,,M,,*53
 \$HEHDT,240.5,T*2C
 #
 PORT 4 04-06-2014 08:31:37
 \$GPGLL,3452.4733,N,07438.5519,W,083046,A*32
 \$HEHDT,240.5,T*2C
 \$GPRMC,083046,A,3452.4733,N,07438.5519,W,4.5,245.8,060414,11.9,w*48
 \$GPVTG,245.8,T,257.7,M,4.5,N,8.3,K*48
 \$GPZDA,083046,06,04,2014,00,00*44
 \$GPGBS,083046,,,,,,,,*48
 \$GPGGA,083047,3452.4727,N,07438.5533,W,2,9,0.3,11,M,,M,,*5F
 \$HEHDT,240.4,T*2D
 #
 PORT 4 04-06-2014 08:31:38
 \$GPGLL,3452.4727,N,07438.5533,W,083047,A*3E
 \$GPRMC,083047,A,3452.4727,N,07438.5533,W,4.5,245.3,060414,11.9,w*4F
 \$HEHDT,240.5,T*2C
 \$GPVTG,245.3,T,257.2,M,4.5,N,8.3,K*46
 \$GPZDA,083047,06,04,2014,00,00*45
 \$GPGBS,083047,,,,,,,,*49
 \$GPGGA,083048,3452.4721,N,07438.5544,W,2,9,0.3,11,M,,M,,*56
 \$HEHDT,240.4,T*2D
 #
 PORT 4 04-06-2014 08:31:39
 \$GPGLL,3452.4721,N,07438.5544,W,083048,A*37
 \$GPRMC,083048,A,3452.4721,N,07438.5544,W,4.5,245.3,060414,11.9,w*46
 \$GPVTG,245.3,T,257.2,M,4.5,N,8.3,K*46
 \$HEHDT,240.5,T*2C
 \$GPZDA,083048,06,04,2014,00,00*4A
 \$GPGBS,083048,,,,,,,,*46
 \$GPGGA,083049,3452.4721,N,07438.5544,W,2,9,0.3,11,M,,M,,*57
 \$HEHDT,240.3,T*2A
 #
 PORT 4 04-06-2014 08:31:40
 \$GPGLL,3452.4721,N,07438.5544,W,083049,A*36
 \$GPRMC,083049,A,3452.4721,N,07438.5544,W,4.4,244.4,060414,11.9,w*40
 \$GPVTG,244.4,T,256.3,M,4.4,N,8.1,K*43
 \$GPZDA,083049,06,04,2014,00,00*4B
 \$HEHDT,240.7,T*2E
 \$GPGBS,083049,,,,,,,,*47
 \$GPGGA,083050,3452.4709,N,07438.5570,W,2,9,0.3,11,M,,M,,*52
 \$HEHDT,240.9,T*20
 \$GPGLL,3452.4709,N,07438.5570,W,083050,A*33
 \$GPRMC,083050,A,3452.4709,N,07438.5570,W,4.4,243.1,060414,11.9,w*47
 \$GPVTG,243.1,T,255.0,M,4.4,N,8.1,K*41
 \$GPZDA,083050,06,04,2014,00,00*43
 \$GPGBS,083050,,,,,,,,*4F
 \$GPGGA,083051,3452.4704,N,07438.5583,W,2,9,0.3,11,M,,M,,*52
 \$HEHDT,240.8,T*21
 #
 PORT 4 04-06-2014 08:31:42
 \$GPGLL,3452.4704,N,07438.5583,W,083051,A*33
 \$HEHDT,241.0,T*28
 \$GPRMC,083051,A,3452.4704,N,07438.5583,W,4.4,242.7,060414,11.9,w*40
 \$GPVTG,242.7,T,254.6,M,4.4,N,8.1,K*41
 \$GPZDA,083051,06,04,2014,00,00*42
 \$GPGBS,083051,,,,,,,,*4E

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\$GPGGA,083052,3452.4698,N,07438.5598,W,2,9,0.3,11,M,,M,,*5F
\$HEHDT,240.9,T*20

PORT 4 04-06-2014 08:31:43
\$GPGLL,3452.4698,N,07438.5598,W,083052,A*3E
\$GPRMC,083052,A,3452.4698,N,07438.5598,W,4.4,243.1,060414,11.9,w*4A
\$HEHDT,241.1,T*29
\$GPVTG,243.1,T,255.0,M,4.4,N,8.1,K*41
\$GPZDA,083052,06,04,2014,00,00*41
\$GPGBS,083052,,,,,,,,*4D
\$GPGGA,083053,3452.4695,N,07438.5612,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,240.5,T*2C
PORT 12000 04-06-2014 08:31:43
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PORT 4 04-06-2014 08:31:44
\$GPGLL,3452.4695,N,07438.5612,W,083053,A*33
\$GPRMC,083053,A,3452.4695,N,07438.5612,W,4.4,243.1,060414,11.9,w*47
\$GPVTG,243.1,T,255.0,M,4.4,N,8.1,K*41
\$HEHDT,240.7,T*2E
\$GPZDA,083053,06,04,2014,00,00*40
\$GPGBS,083053,,,,,,,,*4C
\$GPGGA,083054,3452.4689,N,07438.5627,W,2,9,0.3,11,M,,M,,*5E

PORT 4 04-06-2014 08:31:45
\$HEHDT,240.9,T*20
\$GPGLL,3452.4689,N,07438.5627,W,083054,A*3F
\$GPRMC,083054,A,3452.4689,N,07438.5627,W,4.5,244.5,060414,11.9,w*49
\$GPVTG,244.5,T,256.4,M,4.5,N,8.3,K*46
\$GPZDA,083054,06,04,2014,00,00*47
\$HEHDT,240.8,T*21
\$GPGBS,083054,,,,,,,,*4B
\$GPGGA,083055,3452.4684,N,07438.5639,W,2,9,0.3,11,M,,M,,*5D

PORT 4 04-06-2014 08:31:46
\$HEHDT,241.3,T*2B
\$GPGLL,3452.4684,N,07438.5639,W,083055,A*3C
\$GPRMC,083055,A,3452.4684,N,07438.5639,W,4.5,244.9,060414,11.9,w*46
\$GPVTG,244.9,T,256.8,M,4.5,N,8.3,K*46
\$GPZDA,083055,06,04,2014,00,00*46
\$GPGBS,083055,,,,,,,,*4A
\$GPGGA,083056,3452.4684,N,07438.5639,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,240.8,T*21

PORT 4 04-06-2014 08:31:47
\$GPGLL,3452.4684,N,07438.5639,W,083056,A*3F
\$HEHDT,240.9,T*20
\$GPRMC,083056,A,3452.4684,N,07438.5639,W,4.5,244.9,060414,11.9,w*45
\$GPVTG,244.9,T,256.8,M,4.5,N,8.3,K*46
\$GPZDA,083056,06,04,2014,00,00*45
\$GPGBS,083056,,,,,,,,*49
\$GPGGA,083057,3452.4679,N,07438.5653,W,2,9,0.3,11,M,,M,,*51
\$HEHDT,240.3,T*2A

PORT 4 04-06-2014 08:31:48
\$GPGLL,3452.4679,N,07438.5653,W,083057,A*30
\$GPRMC,083057,A,3452.4679,N,07438.5653,W,4.5,245.0,060414,11.9,w*42
\$HEHDT,240.6,T*2F
\$GPVTG,245.0,T,256.9,M,4.5,N,8.3,K*4F
\$GPZDA,083057,06,04,2014,00,00*44
\$GPGBS,083057,,,,,,,,*48
\$GPGGA,083058,3452.4667,N,07438.5684,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,241.0,T*28

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PORT 4 04-06-2014 08:31:49
$GPGLL,3452.4667,N,07438.5684,W,083058,A*3A
$GPRMC,083058,A,3452.4667,N,07438.5684,W,4.5,245.1,060414,11.9,W*49
$GPVTG,245.1,T,257.0,M,4.5,N,8.3,K*46
$HEHDT,240.9,T*20
$GPZDA,083058,06,04,2014,00,00*4B
$GPGBS,083058,,,,,,,,*47
$GPGGA,083059,3452.4661,N,07438.5696,W,2,9,0.3,11,M,,M,,*5F
$HEHDT,241.6,T*2E
#
PORT 4 04-06-2014 08:31:50
$GPGLL,3452.4661,N,07438.5696,W,083059,A*3E
$GPRMC,083059,A,3452.4661,N,07438.5696,W,4.6,244.5,060414,11.9,W*4B
$GPVTG,244.5,T,256.4,M,4.6,N,8.5,K*43
$GPZDA,083059,06,04,2014,00,00*4A
$HEHDT,241.4,T*2C
$GPGBS,083059,,,,,,,,*46
$GPGGA,083100,3452.4656,N,07438.5708,W,2,9,0.3,11,M,,M,,*50
#
PORT 4 04-06-2014 08:31:51
$HEHDT,242.0,T*2B
$GPGLL,3452.4656,N,07438.5708,W,083100,A*31
$GPRMC,083100,A,3452.4656,N,07438.5708,W,4.5,244.0,060414,11.9,W*42
$GPVTG,244.0,T,255.9,M,4.5,N,8.3,K*4D
$GPZDA,083100,06,04,2014,00,00*47
$GPGBS,083100,,,,,,,,*4B
$HEHDT,241.7,T*2F
$GPGGA,083101,3452.4651,N,07438.5722,W,2,9,0.3,11,M,,M,,*5E
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PORT 4 04-06-2014 08:31:52
$HEHDT,241.6,T*2E
$GPGLL,3452.4651,N,07438.5722,W,083101,A*3F
$GPRMC,083101,A,3452.4651,N,07438.5722,W,4.5,244.2,060414,11.9,W*4E
$GPVTG,244.2,T,256.1,M,4.5,N,8.3,K*44
$GPZDA,083101,06,04,2014,00,00*46
$GPGBS,083101,,,,,,,,*4A
$GPGGA,083102,3452.4646,N,07438.5736,W,2,9,0.3,11,M,,M,,*5E
$HEHDT,241.5,T*2D
#
PORT 4 04-06-2014 08:31:53
$GPGLL,3452.4646,N,07438.5736,W,083102,A*3F
$HEHDT,241.2,T*2A
$GPRMC,083102,A,3452.4646,N,07438.5736,W,4.5,244.2,060414,11.9,W*4E
$GPVTG,244.2,T,256.1,M,4.5,N,8.3,K*44
$GPZDA,083102,06,04,2014,00,00*45
$GPGBS,083102,,,,,,,,*49
$GPGGA,083103,3452.4641,N,07438.5750,W,2,9,0.3,11,M,,M,,*58
$HEHDT,241.5,T*2D
PORT 12000 04-06-2014 08:31:53
$PPWBA,d2pc15,192.168.2.151,Online
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PORT 4 04-06-2014 08:31:54
$GPGLL,3452.4641,N,07438.5750,W,083103,A*39
$GPRMC,083103,A,3452.4641,N,07438.5750,W,4.5,244.7,060414,11.9,W*4D
$HEHDT,240.9,T*20
$GPVTG,244.7,T,256.6,M,4.5,N,8.3,K*46
$GPZDA,083103,06,04,2014,00,00*44
$GPGBS,083103,,,,,,,,*48
$GPGGA,083104,3452.4637,N,07438.5764,W,2,9,0.3,11,M,,M,,*59
$HEHDT,241.0,T*28
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PORT 4 04-06-2014 08:31:55
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S01_C04_survey.Log

\$GPGLL,3452.4637,N,07438.5764,W,083104,A*38
\$GPRMC,083104,A,3452.4637,N,07438.5764,W,4.5,245.1,060414,11.9,W*4B
\$GPVTG,245.1,T,257.0,M,4.5,N,8.3,K*46
\$HEHDT,241.5,T*2D
\$GPZDA,083104,06,04,2014,00,00*43
\$GPGBS,083104,,,,,,,,*4F
\$GPGGA,083105,3452.4632,N,07438.5775,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,241.1,T*29

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PORT 4 04-06-2014 08:31:56

\$GPGLL,3452.4632,N,07438.5775,W,083105,A*3C
\$GPRMC,083105,A,3452.4632,N,07438.5775,W,4.4,245.5,060414,11.9,W*4A
\$GPVTG,245.5,T,257.4,M,4.4,N,8.1,K*45
\$HEHDT,241.5,T*2D
\$GPZDA,083105,06,04,2014,00,00*42
\$GPGBS,083105,,,,,,,,*4E
\$GPGGA,083106,3452.4627,N,07438.5789,W,2,9,0.3,11,M,,M,,*59
\$HEHDT,240.9,T*20

\$GPGLL,3452.4627,N,07438.5789,W,083106,A*38
\$GPRMC,083106,A,3452.4627,N,07438.5789,W,4.4,245.6,060414,11.9,W*4D
\$GPVTG,245.6,T,257.5,M,4.4,N,8.1,K*47
\$GPZDA,083106,06,04,2014,00,00*41
\$GPGBS,083106,,,,,,,,*4D
\$GPGGA,083107,3452.4622,N,07438.5802,W,2,9,0.3,11,M,,M,,*51
\$HEHDT,241.2,T*2A

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PORT 4 04-06-2014 08:31:57

\$GPGLL,3452.4622,N,07438.5802,W,083107,A*30
\$GPRMC,083107,A,3452.4622,N,07438.5802,W,4.4,245.5,060414,11.9,W*46
\$HEHDT,241.5,T*2D
\$GPVTG,245.5,T,257.4,M,4.4,N,8.1,K*45
\$GPZDA,083107,06,04,2014,00,00*40
\$GPGBS,083107,,,,,,,,*4C
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\$HEHDT,241.1,T*29

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PORT 4 04-06-2014 08:31:59

\$GPGLL,3452.4616,N,07438.5816,W,083108,A*3D
\$GPRMC,083108,A,3452.4616,N,07438.5816,W,4.4,245.4,060414,11.9,W*4A
\$HEHDT,241.6,T*2E
\$GPVTG,245.4,T,257.3,M,4.4,N,8.1,K*43
\$GPZDA,083108,06,04,2014,00,00*4F
\$GPGBS,083108,,,,,,,,*43
\$GPGGA,083109,3452.4616,N,07438.5816,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,241.3,T*2B

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PORT 4 04-06-2014 08:32:00

\$GPGLL,3452.4616,N,07438.5816,W,083109,A*3C
\$GPRMC,083109,A,3452.4616,N,07438.5816,W,4.4,245.1,060414,11.9,W*4E
\$HEHDT,241.6,T*2E
\$GPVTG,245.1,T,257.0,M,4.4,N,8.1,K*45
\$GPZDA,083109,06,04,2014,00,00*4E
\$GPGBS,083109,,,,,,,,*42
\$GPGGA,083110,3452.4605,N,07438.5844,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,241.4,T*2C

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PORT 4 04-06-2014 08:32:01

\$GPGLL,3452.4605,N,07438.5844,W,083110,A*31
\$GPRMC,083110,A,3452.4605,N,07438.5844,W,4.5,244.9,060414,11.9,W*4B
\$GPVTG,244.9,T,256.8,M,4.5,N,8.3,K*46
\$GPZDA,083110,06,04,2014,00,00*46
\$HEHDT,241.2,T*2A
\$GPGBS,083110,,,,,,,,*4A

S01_C04_survey.Log

\$GPGGA,083111,3452.4599,N,07438.5859,W,2,9,0.3,11,M,,M,,*5B

PORT 4 04-06-2014 08:32:02
\$HEHDT,241.2,T*2A
\$GPGLL,3452.4599,N,07438.5859,W,083111,A*3A
\$GPRMC,083111,A,3452.4599,N,07438.5859,W,4.5,245.0,060414,11.9,W*48
\$GPVTG,245.0,T,256.9,M,4.5,N,8.3,K*4F
\$GPZDA,083111,06,04,2014,00,00*47
\$GPGBS,083111,,,,,,,,*4B
\$HEHDT,240.9,T*20
\$GPGGA,083112,3452.4594,N,07438.5873,W,2,6,0.4,11,M,,M,,*55

PORT 4 04-06-2014 08:32:03
\$HEHDT,241.3,T*2B
\$GPGLL,3452.4594,N,07438.5873,W,083112,A*3C
\$GPRMC,083112,A,3452.4594,N,07438.5873,W,4.5,245.5,060414,11.9,W*4B
\$GPVTG,245.5,T,257.4,M,4.5,N,8.3,K*46
\$GPZDA,083112,06,04,2014,00,00*44
\$GPGBS,083112,,,,,,,,*48
\$GPGGA,083113,3452.4588,N,07438.5887,W,2,6,0.4,11,M,,M,,*52
\$HEHDT,240.9,T*20
PORT 12000 04-06-2014 08:32:03
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:32:04
\$GPGLL,3452.4588,N,07438.5887,W,083113,A*3B
\$HEHDT,241.2,T*2A
\$GPRMC,083113,A,3452.4588,N,07438.5887,W,4.6,245.5,060414,11.9,W*4F
\$GPVTG,245.5,T,257.4,M,4.6,N,8.5,K*43
\$GPZDA,083113,06,04,2014,00,00*45
\$GPGBS,083113,,,,,,,,*49
\$GPGGA,083114,3452.4583,N,07438.5901,W,2,6,0.4,11,M,,M,,*51
\$HEHDT,240.8,T*21

PORT 4 04-06-2014 08:32:05
\$GPGLL,3452.4583,N,07438.5901,W,083114,A*38
\$GPRMC,083114,A,3452.4583,N,07438.5901,W,4.6,245.5,060414,11.9,W*4C
\$HEHDT,241.0,T*28
\$GPVTG,245.5,T,257.4,M,4.6,N,8.5,K*43
\$GPZDA,083114,06,04,2014,00,00*42
\$GPGBS,083114,,,,,,,,*4E
\$GPGGA,083115,3452.4579,N,07438.5916,W,2,6,0.4,11,M,,M,,*53
\$HEHDT,240.7,T*2E

PORT 4 04-06-2014 08:32:06
\$GPGLL,3452.4579,N,07438.5916,W,083115,A*3A
\$GPRMC,083115,A,3452.4579,N,07438.5916,W,4.5,246.0,060414,11.9,W*4B
\$GPVTG,246.0,T,257.9,M,4.5,N,8.3,K*4D
\$HEHDT,241.0,T*28
\$GPZDA,083115,06,04,2014,00,00*43
\$GPGBS,083115,,,,,,,,*4F
\$GPGGA,083116,3452.4574,N,07438.5928,W,2,6,0.4,11,M,,M,,*50
\$HEHDT,241.3,T*2B

PORT 4 04-06-2014 08:32:07
\$GPGLL,3452.4574,N,07438.5928,W,083116,A*39
\$GPRMC,083116,A,3452.4574,N,07438.5928,W,4.5,246.7,060414,11.9,W*4F
\$GPVTG,246.7,T,258.6,M,4.5,N,8.3,K*4A
\$GPZDA,083116,06,04,2014,00,00*40
\$GPGBS,083116,,,,,,,,*4C
\$HEHDT,241.0,T*28
\$GPGGA,083117,3452.4568,N,07438.5941,W,2,6,0.4,11,M,,M,,*53
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PORT 4 04-06-2014 08:32:08

\$HEHDT,241.5,T*2D
\$GPGLL,3452.4568,N,07438.5941,W,083117,A*3A
\$GPRMC,083117,A,3452.4568,N,07438.5941,W,4.5,246.9,060414,11.9,W*42
\$GPVTG,246.9,T,258.8,M,4.5,N,8.3,K*4A
\$GPZDA,083117,06,04,2014,00,00*41
\$GPGBS,083117,,,,,,,,*4D
\$GPGGA,083118,3452.4562,N,07438.5952,W,2,6,0.4,11,M,,M,,*54
\$HEHDT,241.7,T*2F

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PORT 4 04-06-2014 08:32:09

\$GPGLL,3452.4562,N,07438.5952,W,083118,A*3D
\$HEHDT,241.5,T*2D
\$GPRMC,083118,A,3452.4562,N,07438.5952,W,4.4,246.1,060414,11.9,W*4C
\$GPVTG,246.1,T,258.0,M,4.4,N,8.1,K*49
\$GPZDA,083118,06,04,2014,00,00*4E
\$GPGBS,083118,,,,,,,,*42
\$GPGGA,083119,3452.4557,N,07438.5964,W,2,6,0.3,11,M,,M,,*51
\$HEHDT,241.4,T*2C

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PORT 4 04-06-2014 08:32:10

\$GPGLL,3452.4557,N,07438.5964,W,083119,A*3F
\$GPRMC,083119,A,3452.4557,N,07438.5964,W,4.4,245.1,060414,11.9,W*4D
\$HEHDT,241.1,T*29
\$GPVTG,245.1,T,257.0,M,4.4,N,8.1,K*45
\$GPZDA,083119,06,04,2014,00,00*4F
\$GPGBS,083119,,,,,,,,*43
\$GPGGA,083120,3452.4554,N,07438.5979,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,241.1,T*29
\$GPGLL,3452.4554,N,07438.5979,W,083120,A*3A
\$GPRMC,083120,A,3452.4554,N,07438.5979,W,4.3,244.7,060414,11.9,W*48
\$GPVTG,244.7,T,256.6,M,4.3,N,8.0,K*43
\$HEHDT,240.6,T*2F
\$GPZDA,083120,06,04,2014,00,00*45
\$GPGBS,083120,,,,,,,,*49
\$GPGGA,083121,3452.4548,N,07438.5995,W,2,9,0.3,11,M,,M,,*55

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PORT 4 04-06-2014 08:32:11

\$HEHDT,241.0,T*28
\$GPGLL,3452.4548,N,07438.5995,W,083121,A*34
\$GPRMC,083121,A,3452.4548,N,07438.5995,W,4.3,245.3,060414,11.9,W*43
\$GPVTG,245.3,T,257.2,M,4.3,N,8.0,K*43
\$GPZDA,083121,06,04,2014,00,00*44
\$HEHDT,240.4,T*2D
\$GPGBS,083121,,,,,,,,*48
\$GPGGA,083122,3452.4543,N,07438.6010,W,2,9,0.3,11,M,,M,,*5A

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PORT 4 04-06-2014 08:32:12

\$HEHDT,240.7,T*2E
\$GPGLL,3452.4543,N,07438.6010,W,083122,A*3B
\$GPRMC,083122,A,3452.4543,N,07438.6010,W,4.4,246.1,060414,11.9,W*4A
\$GPVTG,246.1,T,258.0,M,4.4,N,8.1,K*49
\$GPZDA,083122,06,04,2014,00,00*47
\$GPGBS,083122,,,,,,,,*4B
\$GPGGA,083123,3452.4537,N,07438.6025,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,240.9,T*20

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PORT 4 04-06-2014 08:32:14

\$GPGLL,3452.4537,N,07438.6025,W,083123,A*3F
\$HEHDT,240.3,T*2A
\$GPRMC,083123,A,3452.4537,N,07438.6025,W,4.5,246.4,060414,11.9,W*4A
\$GPVTG,246.4,T,258.3,M,4.5,N,8.3,K*4C
\$GPZDA,083123,06,04,2014,00,00*46

S01_C04_survey.Log

\$GPGBS,083123,,,,,,,,*4A
\$GPGGA,083124,3452.4531,N,07438.6039,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,240.6,T*2F
PORT 12000 04-06-2014 08:32:14
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:32:15
\$GPGLL,3452.4531,N,07438.6039,W,083124,A*33
\$GPRMC,083124,A,3452.4531,N,07438.6039,W,4.6,246.5,060414,11.9,W*44
\$HEHDT,240.3,T*2A
\$GPVTG,246.5,T,258.4,M,4.6,N,8.5,K*4F
\$GPZDA,083124,06,04,2014,00,00*41
\$GPGBS,083124,,,,,,,,*4D
\$GPGGA,083125,3452.4525,N,07438.6053,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,240.6,T*2F

PORT 4 04-06-2014 08:32:16
\$GPGLL,3452.4525,N,07438.6053,W,083125,A*3B
\$GPRMC,083125,A,3452.4525,N,07438.6053,W,4.6,245.7,060414,11.9,W*4D
\$GPVTG,245.7,T,257.6,M,4.6,N,8.5,K*43
\$HEHDT,240.3,T*2A
\$GPZDA,083125,06,04,2014,00,00*40
\$GPGBS,083125,,,,,,,,*4C
\$GPGGA,083126,3452.4520,N,07438.6067,W,2,9,0.3,11,M,,M,,*5B

PORT 4 04-06-2014 08:32:17
\$HEHDT,240.6,T*2F
\$GPGLL,3452.4520,N,07438.6067,W,083126,A*3A
\$GPRMC,083126,A,3452.4520,N,07438.6067,W,4.5,245.1,060414,11.9,W*49
\$GPVTG,245.1,T,257.0,M,4.5,N,8.3,K*46
\$GPZDA,083126,06,04,2014,00,00*43
\$HEHDT,240.0,T*29
\$GPGBS,083126,,,,,,,,*4F
\$GPGGA,083127,3452.4515,N,07438.6082,W,2,9,0.3,11,M,,M,,*57

PORT 4 04-06-2014 08:32:18
\$HEHDT,240.3,T*2A
\$GPGLL,3452.4515,N,07438.6082,W,083127,A*36
\$GPRMC,083127,A,3452.4515,N,07438.6082,W,4.5,245.0,060414,11.9,W*44
\$GPVTG,245.0,T,256.9,M,4.5,N,8.3,K*4F
\$GPZDA,083127,06,04,2014,00,00*42
\$GPGBS,083127,,,,,,,,*4E
\$GPGGA,083128,3452.4510,N,07438.6096,W,2,9,0.3,11,M,,M,,*58
\$HEHDT,240.4,T*2D

PORT 4 04-06-2014 08:32:19
\$GPGLL,3452.4510,N,07438.6096,W,083128,A*39
\$HEHDT,240.5,T*2C
\$GPRMC,083128,A,3452.4510,N,07438.6096,W,4.5,245.4,060414,11.9,W*4F
\$GPVTG,245.4,T,257.3,M,4.5,N,8.3,K*40
\$GPZDA,083128,06,04,2014,00,00*4D
\$GPGBS,083128,,,,,,,,*41
\$GPGGA,083129,3452.4505,N,07438.6107,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,240.6,T*2F

PORT 4 04-06-2014 08:32:20
\$GPGLL,3452.4505,N,07438.6107,W,083129,A*35
\$GPRMC,083129,A,3452.4505,N,07438.6107,W,4.5,245.6,060414,11.9,W*41
\$HEHDT,240.6,T*2F
\$GPVTG,245.6,T,257.5,M,4.5,N,8.3,K*44
\$GPZDA,083129,06,04,2014,00,00*4C
\$GPGBS,083129,,,,,,,,*40
\$GPGGA,083130,3452.4500,N,07438.6119,W,2,9,0.3,11,M,,M,,*56

S01_C04_survey.Log

\$HEHDT,240.4,T*2D

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PORT 4 04-06-2014 08:32:21

\$GPGLL,3452.4500,N,07438.6119,W,083130,A*37

\$GPRMC,083130,A,3452.4500,N,07438.6119,W,4.5,245.3,060414,11.9,W*46

\$HEHDT,240.9,T*20

\$GPVTG,245.3,T,257.2,M,4.5,N,8.3,K*46

\$GPZDA,083130,06,04,2014,00,00*44

\$GPGBS,083130,,,,,,,,*48

\$GPGGA,083131,3452.4493,N,07438.6133,W,2,9,0.3,11,M,,M,,*54

\$HEHDT,240.3,T*2A

#

PORT 4 04-06-2014 08:32:22

\$GPGLL,3452.4493,N,07438.6133,W,083131,A*35

\$GPRMC,083131,A,3452.4493,N,07438.6133,W,4.4,244.5,060414,11.9,W*42

\$GPVTG,244.5,T,256.4,M,4.4,N,8.1,K*45

\$GPZDA,083131,06,04,2014,00,00*45

\$HEHDT,240.5,T*2C

\$GPGBS,083131,,,,,,,,*49

\$GPGGA,083132,3452.4489,N,07438.6147,W,2,9,0.3,11,M,,M,,*5F

#

PORT 4 04-06-2014 08:32:23

\$HEHDT,239.8,T*2F

\$GPGLL,3452.4489,N,07438.6147,W,083132,A*3E

\$GPRMC,083132,A,3452.4489,N,07438.6147,W,4.4,243.9,060414,11.9,W*42

\$GPVTG,243.9,T,255.8,M,4.4,N,8.1,K*41

\$GPZDA,083132,06,04,2014,00,00*46

\$GPGBS,083132,,,,,,,,*4A

\$GPGGA,083133,3452.4484,N,07438.6161,W,2,9,0.3,11,M,,M,,*57

\$HEHDT,239.7,T*20

PORT 12000 04-06-2014 08:32:23

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:32:24

\$HEHDT,239.3,T*24

\$GPGLL,3452.4484,N,07438.6161,W,083133,A*36

\$GPRMC,083133,A,3452.4484,N,07438.6161,W,4.4,244.2,060414,11.9,W*46

\$GPVTG,244.2,T,256.1,M,4.4,N,8.1,K*47

\$GPZDA,083133,06,04,2014,00,00*47

\$GPGBS,083133,,,,,,,,*4B

\$GPGGA,083134,3452.4482,N,07438.6176,W,2,9,0.3,11,M,,M,,*50

\$HEHDT,239.6,T*21

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PORT 5 04-06-2014 08:32:25

IN

PORT 4 04-06-2014 08:32:25

\$HEHDT,239.3,T*24

\$GPGLL,3452.4484,N,07438.6161,W,083133,A*36

\$GPRMC,083133,A,3452.4484,N,07438.6161,W,4.4,244.2,060414,11.9,W*46

\$GPVTG,244.2,T,256.1,M,4.4,N,8.1,K*47

\$GPZDA,083133,06,04,2014,00,00*47

\$GPGBS,083133,,,,,,,,*4B

\$GPGGA,083134,3452.4482,N,07438.6176,W,2,9,0.3,11,M,,M,,*50

\$HEHDT,239.6,T*21

\$GPGLL,3452.4482,N,07438.6176,W,083134,A*31

\$GPRMC,083134,A,3452.4482,N,07438.6176,W,4.4,245.5,060414,11.9,W*47

\$HEHDT,239.9,T*2E

\$GPVTG,245.5,T,257.4,M,4.4,N,8.1,K*45

\$GPZDA,083134,06,04,2014,00,00*40

\$GPGBS,083134,,,,,,,,*4C

\$GPGGA,083135,3452.4475,N,07438.6190,W,2,9,0.3,11,M,,M,,*51

\$HEHDT,239.3,T*24

\$GPGLL,3452.4475,N,07438.6190,W,083135,A*30

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\$GPRMC,083135,A,3452.4475,N,07438.6190,W,4.4,246.8,060414,11.9,w*48
\$HEHDT,239.8,T*2F
\$GPVTG,246.8,T,258.7,M,4.4,N,8.1,K*47
\$GPZDA,083135,06,04,2014,00,00*41
\$GPGGBS,083135,,,,,,,,*4D
\$GPGGA,083136,3452.4469,N,07438.6202,W,2,9,0.3,11,M,,M,,*57

PORT 4 04-06-2014 08:32:26
\$HEHDT,240.1,T*28
\$GPGLL,3452.4469,N,07438.6202,W,083136,A*36
\$GPRMC,083136,A,3452.4469,N,07438.6202,W,4.5,246.8,060414,11.9,w*4F
\$GPVTG,246.8,T,258.7,M,4.5,N,8.3,K*44
\$HEHDT,240.0,T*29
\$GPZDA,083136,06,04,2014,00,00*42
\$GPGGBS,083136,,,,,,,,*4E
\$GPGGA,083137,3452.4461,N,07438.6214,W,2,9,0.3,11,M,,M,,*59

PORT 4 04-06-2014 08:32:27
\$HEHDT,240.1,T*28
\$GPGLL,3452.4461,N,07438.6214,W,083137,A*38
\$GPRMC,083137,A,3452.4461,N,07438.6214,W,4.5,245.5,060414,11.9,w*4F
\$GPVTG,245.5,T,257.4,M,4.5,N,8.3,K*46
\$GPZDA,083137,06,04,2014,00,00*43
\$GPGGBS,083137,,,,,,,,*4F
\$HEHDT,239.6,T*21
\$GPGGA,083138,3452.4453,N,07438.6227,W,2,9,0.3,11,M,,M,,*57

PORT 5 04-06-2014 08:32:29
04131 mS
*
PORT 4 04-06-2014 08:32:29
\$HEHDT,239.9,T*2E
\$GPGLL,3452.4453,N,07438.6227,W,083138,A*36
\$GPRMC,083138,A,3452.4453,N,07438.6227,W,4.5,243.5,060414,11.9,w*47
\$GPVTG,243.5,T,255.4,M,4.5,N,8.3,K*42
\$GPZDA,083138,06,04,2014,00,00*4C
\$GPGGBS,083138,,,,,,,,*40
\$GPGGA,083139,3452.4447,N,07438.6241,W,2,9,0.3,11,M,,M,,*53
\$HEHDT,239.7,T*20

PORT 4 04-06-2014 08:32:30
\$GPGLL,3452.4447,N,07438.6241,W,083139,A*32
\$HEHDT,240.0,T*29
\$GPRMC,083139,A,3452.4447,N,07438.6241,W,4.5,242.0,060414,11.9,w*47
\$GPVTG,242.0,T,253.9,M,4.5,N,8.3,K*4D
\$GPZDA,083139,06,04,2014,00,00*4D
\$GPGGBS,083139,,,,,,,,*41
\$GPGGA,083140,3452.4442,N,07438.6256,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,239.4,T*23

PORT 4 04-06-2014 08:32:31
\$GPGLL,3452.4442,N,07438.6256,W,083140,A*3F
\$GPRMC,083140,A,3452.4442,N,07438.6256,W,4.5,241.8,060414,11.9,w*41
\$HEHDT,239.6,T*21
\$GPVTG,241.8,T,253.7,M,4.5,N,8.3,K*48
\$GPZDA,083140,06,04,2014,00,00*43
\$GPGGBS,083140,,,,,,,,*4F
\$GPGGA,083141,3452.4437,N,07438.6270,W,2,9,0.3,11,M,,M,,*59
\$HEHDT,239.7,T*20

PORT 4 04-06-2014 08:32:32
\$GPGLL,3452.4437,N,07438.6270,W,083141,A*38
\$GPRMC,083141,A,3452.4437,N,07438.6270,W,4.5,242.4,060414,11.9,w*49

S01_C04_survey.Log

\$HEHDT,239.3,T*24
\$GPVTG,242.4,T,254.3,M,4.5,N,8.3,K*44
\$GPZDA,083141,06,04,2014,00,00*42
\$GPGBS,083141,,,,,,,,*4E
\$GPGGA,083142,3452.4435,N,07438.6285,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,239.2,T*25

PORT 4 04-06-2014 08:32:33
\$GPGLL,3452.4435,N,07438.6285,W,083142,A*33
\$GPRMC,083142,A,3452.4435,N,07438.6285,W,4.6,243.5,060414,11.9,w*41
\$GPVTG,243.5,T,255.4,M,4.6,N,8.5,K*47
\$HEHDT,239.3,T*24
\$GPZDA,083142,06,04,2014,00,00*41
\$GPGBS,083142,,,,,,,,*4D
\$GPGGA,083143,3452.4429,N,07438.6299,W,2,9,0.3,11,M,,M,,*53
PORT 12000 04-06-2014 08:32:33
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:32:34
\$HEHDT,239.1,T*26
\$GPGLL,3452.4429,N,07438.6299,W,083143,A*32
\$GPRMC,083143,A,3452.4429,N,07438.6299,W,4.6,245.0,060414,11.9,w*43
\$GPVTG,245.0,T,256.9,M,4.6,N,8.5,K*4A
\$GPZDA,083143,06,04,2014,00,00*40
\$GPGBS,083143,,,,,,,,*4C
\$GPGGA,083144,3452.4424,N,07438.6311,W,2,9,0.3,11,M,,M,,*58
\$HEHDT,239.2,T*25

PORT 4 04-06-2014 08:32:35
\$HEHDT,239.1,T*26
\$GPGLL,3452.4424,N,07438.6311,W,083144,A*39
\$GPRMC,083144,A,3452.4424,N,07438.6311,W,4.5,245.8,060414,11.9,w*43
\$GPVTG,245.8,T,257.7,M,4.5,N,8.3,K*48
\$GPZDA,083144,06,04,2014,00,00*47
\$GPGBS,083144,,,,,,,,*4B
\$GPGGA,083145,3452.4418,N,07438.6324,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,239.5,T*22

PORT 4 04-06-2014 08:32:36
\$GPGLL,3452.4418,N,07438.6324,W,083145,A*31
\$GPRMC,083145,A,3452.4418,N,07438.6324,W,4.4,245.7,060414,11.9,w*45
\$HEHDT,239.9,T*2E
\$GPVTG,245.7,T,257.6,M,4.4,N,8.1,K*45
\$GPZDA,083145,06,04,2014,00,00*46
\$GPGBS,083145,,,,,,,,*4A
\$GPGGA,083146,3452.4413,N,07438.6335,W,2,9,0.3,11,M,,M,,*58
\$HEHDT,239.5,T*22

PORT 4 04-06-2014 08:32:37
\$GPGLL,3452.4413,N,07438.6335,W,083146,A*39
\$GPRMC,083146,A,3452.4413,N,07438.6335,W,4.4,244.7,060414,11.9,w*4C
\$GPVTG,244.7,T,256.6,M,4.4,N,8.1,K*45
\$HEHDT,239.9,T*2E
\$GPZDA,083146,06,04,2014,00,00*45
\$GPGBS,083146,,,,,,,,*49
\$GPGGA,083147,3452.4406,N,07438.6349,W,2,9,0.4,11,M,,M,,*51
\$HEHDT,239.7,T*20

PORT 4 04-06-2014 08:32:38
\$GPGLL,3452.4406,N,07438.6349,W,083147,A*37
\$GPRMC,083147,A,3452.4406,N,07438.6349,W,4.4,243.6,060414,11.9,w*44
\$GPVTG,243.6,T,255.5,M,4.4,N,8.1,K*43
\$HEHDT,240.1,T*28

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\$GPZDA,083147,06,04,2014,00,00*44
\$GPGBS,083147,,,,,,,,*48
\$GPGGA,083148,3452.4400,N,07438.6362,W,2,6,0.4,11,M,,M,,*5E
\$HEHDT,239.8,T*2F

PORT 4 04-06-2014 08:32:39
\$GPGLL,3452.4400,N,07438.6362,W,083148,A*37
\$GPRMC,083148,A,3452.4400,N,07438.6362,W,4.4,243.1,060414,11.9,W*43
\$GPVTG,243.1,T,255.0,M,4.4,N,8.1,K*41
\$GPZDA,083148,06,04,2014,00,00*4B
\$GPGBS,083148,,,,,,,,*47
\$HEHDT,240.2,T*2B
\$GPGGA,083149,3452.4395,N,07438.6376,W,2,6,0.4,11,M,,M,,*51
\$GPGLL,3452.4395,N,07438.6376,W,083149,A*38
\$HEHDT,239.8,T*2F
\$GPRMC,083149,A,3452.4395,N,07438.6376,W,4.4,243.1,060414,11.9,W*4C
\$GPVTG,243.1,T,255.0,M,4.4,N,8.1,K*41
\$GPZDA,083149,06,04,2014,00,00*4A
\$GPGBS,083149,,,,,,,,*46
\$GPGGA,083150,3452.4388,N,07438.6391,W,2,6,0.4,11,M,,M,,*5C
\$HEHDT,239.7,T*20

PORT 4 04-06-2014 08:32:41
\$GPGLL,3452.4388,N,07438.6391,W,083150,A*35
\$GPRMC,083150,A,3452.4388,N,07438.6391,W,4.4,243.1,060414,11.9,W*41
\$HEHDT,239.6,T*21
\$GPVTG,243.1,T,255.0,M,4.4,N,8.1,K*41
\$GPZDA,083150,06,04,2014,00,00*42
\$GPGBS,083150,,,,,,,,*4E
\$GPGGA,083151,3452.4382,N,07438.6404,W,2,6,0.3,11,M,,M,,*5B
\$HEHDT,238.7,T*21

PORT 4 04-06-2014 08:32:42
\$GPGLL,3452.4382,N,07438.6404,W,083151,A*35
\$GPRMC,083151,A,3452.4382,N,07438.6404,W,4.5,242.8,060414,11.9,W*48
\$GPVTG,242.8,T,254.7,M,4.5,N,8.3,K*4C
\$HEHDT,238.9,T*2F
\$GPZDA,083151,06,04,2014,00,00*43
\$GPGBS,083151,,,,,,,,*4F
\$GPGGA,083152,3452.4377,N,07438.6418,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,238.5,T*23

PORT 4 04-06-2014 08:32:43
\$GPGLL,3452.4377,N,07438.6418,W,083152,A*31
\$GPRMC,083152,A,3452.4377,N,07438.6418,W,4.5,242.4,060414,11.9,W*40
\$GPVTG,242.4,T,254.3,M,4.5,N,8.3,K*44
\$HEHDT,239.1,T*26
\$GPZDA,083152,06,04,2014,00,00*40
\$GPGBS,083152,,,,,,,,*4C
\$GPGGA,083153,3452.4373,N,07438.6432,W,2,9,0.3,11,M,,M,,*5D
PORT 12000 04-06-2014 08:32:43
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:32:44
\$HEHDT,239.0,T*27
\$GPGLL,3452.4373,N,07438.6432,W,083153,A*3C
\$GPRMC,083153,A,3452.4373,N,07438.6432,W,4.5,242.5,060414,11.9,W*4C
\$GPVTG,242.5,T,254.4,M,4.5,N,8.3,K*42
\$GPZDA,083153,06,04,2014,00,00*41
\$HEHDT,239.3,T*24
\$GPGBS,083153,,,,,,,,*4D
\$GPGGA,083154,3452.4370,N,07438.6447,W,2,9,0.3,11,M,,M,,*5B
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PORT 4 04-06-2014 08:32:45

\$HEHDT,239.5,T*22
\$GPGLL,3452.4370,N,07438.6447,W,083154,A*3A
\$GPRMC,083154,A,3452.4370,N,07438.6447,W,4.4,243.8,060414,11.9,W*47
\$GPVTG,243.8,T,255.7,M,4.4,N,8.1,K*4F
\$GPZDA,083154,06,04,2014,00,00*46
\$GPGBS,083154,,,,,,,,*4A
\$GPGGA,083155,3452.4363,N,07438.6461,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,239.2,T*25

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PORT 4 04-06-2014 08:32:46

\$GPGLL,3452.4363,N,07438.6461,W,083155,A*3D
\$HEHDT,239.6,T*21
\$GPRMC,083155,A,3452.4363,N,07438.6461,W,4.5,245.4,060414,11.9,W*4B
\$GPVTG,245.4,T,257.3,M,4.5,N,8.3,K*40
\$GPZDA,083155,06,04,2014,00,00*47
\$GPGBS,083155,,,,,,,,*4B
\$GPGGA,083156,3452.4357,N,07438.6472,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,240.1,T*28

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PORT 4 04-06-2014 08:32:47

\$GPGLL,3452.4357,N,07438.6472,W,083156,A*3B
\$GPRMC,083156,A,3452.4357,N,07438.6472,W,4.5,245.6,060414,11.9,W*4F
\$HEHDT,239.6,T*21
\$GPVTG,245.6,T,257.5,M,4.5,N,8.3,K*44
\$GPZDA,083156,06,04,2014,00,00*44
\$GPGBS,083156,,,,,,,,*48
\$GPGGA,083157,3452.4350,N,07438.6483,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,240.1,T*28

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PORT 4 04-06-2014 08:32:48

\$GPGLL,3452.4350,N,07438.6483,W,083157,A*33
\$GPRMC,083157,A,3452.4350,N,07438.6483,W,4.5,244.3,060414,11.9,W*43
\$GPVTG,244.3,T,256.2,M,4.5,N,8.3,K*46
\$HEHDT,239.8,T*2F
\$GPZDA,083157,06,04,2014,00,00*45
\$GPGBS,083157,,,,,,,,*49
\$GPGGA,083158,3452.4344,N,07438.6495,W,2,9,0.3,11,M,,M,,*5F
\$HEHDT,239.8,T*2F

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PORT 4 04-06-2014 08:32:49

\$GPGLL,3452.4344,N,07438.6495,W,083158,A*3E
\$GPRMC,083158,A,3452.4344,N,07438.6495,W,4.4,242.9,060414,11.9,W*43
\$GPVTG,242.9,T,254.8,M,4.4,N,8.1,K*41
\$GPZDA,083158,06,04,2014,00,00*4A
\$HEHDT,239.3,T*24
\$GPGBS,083158,,,,,,,,*46
\$GPGGA,083159,3452.4339,N,07438.6510,W,2,9,0.3,11,M,,M,,*58

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PORT 4 04-06-2014 08:32:50

\$HEHDT,239.3,T*24
\$GPGLL,3452.4339,N,07438.6510,W,083159,A*39
\$GPRMC,083159,A,3452.4339,N,07438.6510,W,4.3,242.1,060414,11.9,W*4B
\$GPVTG,242.1,T,254.0,M,4.3,N,8.0,K*47
\$GPZDA,083159,06,04,2014,00,00*4B
\$GPGBS,083159,,,,,,,,*47
\$HEHDT,238.5,T*23
\$GPGGA,083200,3452.4334,N,07438.6526,W,2,9,0.3,11,M,,M,,*5F

#

PORT 4 04-06-2014 08:32:51

\$GPGLL,3452.4334,N,07438.6526,W,083200,A*3E
\$HEHDT,238.9,T*2F
\$GPRMC,083200,A,3452.4334,N,07438.6526,W,4.4,242.5,060414,11.9,W*4F

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\$GPVTG,242.5,T,254.4,M,4.4,N,8.1,K*41
\$GPZDA,083200,06,04,2014,00,00*44
\$GPGBS,083200,,,,,,*48
\$GPGGA,083201,3452.4330,N,07438.6541,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,239.0,T*27

PORT 4 04-06-2014 08:32:52
\$GPGLL,3452.4330,N,07438.6541,W,083201,A*3A
\$GPRMC,083201,A,3452.4330,N,07438.6541,W,4.5,243.7,060414,11.9,W*49
\$HEHDT,238.6,T*20
\$GPVTG,243.7,T,255.6,M,4.5,N,8.3,K*42
\$GPZDA,083201,06,04,2014,00,00*45
\$GPGBS,083201,,,,,,*49
\$GPGGA,083202,3452.4323,N,07438.6553,W,2,9,0.3,10,M,,M,,*58
\$HEHDT,239.4,T*23

PORT 4 04-06-2014 08:32:53
\$GPGLL,3452.4323,N,07438.6553,W,083202,A*38
\$GPRMC,083202,A,3452.4323,N,07438.6553,W,4.5,244.7,060414,11.9,W*4C
\$HEHDT,239.3,T*24
\$GPVTG,244.7,T,256.6,M,4.5,N,8.3,K*46
\$GPZDA,083202,06,04,2014,00,00*46
\$GPGBS,083202,,,,,,*4A
\$GPGGA,083203,3452.4317,N,07438.6566,W,2,9,0.3,10,M,,M,,*58
\$HEHDT,239.7,T*20
PORT 12000 04-06-2014 08:32:53
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:32:54
\$GPGLL,3452.4317,N,07438.6566,W,083203,A*38
\$GPRMC,083203,A,3452.4317,N,07438.6566,W,4.5,244.5,060414,11.9,W*4E
\$GPVTG,244.5,T,256.4,M,4.5,N,8.3,K*46
\$HEHDT,239.3,T*24
\$GPZDA,083203,06,04,2014,00,00*47
\$GPGBS,083203,,,,,,*4B
\$GPGGA,083204,3452.4312,N,07438.6580,W,2,9,0.3,10,M,,M,,*52
\$HEHDT,239.6,T*21

PORT 4 04-06-2014 08:32:55
\$GPGLL,3452.4312,N,07438.6580,W,083204,A*32
\$GPRMC,083204,A,3452.4312,N,07438.6580,W,4.4,243.7,060414,11.9,W*40
\$GPVTG,243.7,T,255.6,M,4.4,N,8.1,K*41
\$GPZDA,083204,06,04,2014,00,00*40
\$GPGBS,083204,,,,,,*4C
\$HEHDT,239.8,T*2F
\$GPGGA,083205,3452.4305,N,07438.6592,W,2,9,0.3,10,M,,M,,*56
\$GPGLL,3452.4305,N,07438.6592,W,083205,A*36
\$HEHDT,239.3,T*24
\$GPRMC,083205,A,3452.4305,N,07438.6592,W,4.4,243.0,060414,11.9,W*43
\$GPVTG,243.0,T,254.9,M,4.4,N,8.1,K*48
\$GPZDA,083205,06,04,2014,00,00*41
\$GPGBS,083205,,,,,,*4D
\$GPGGA,083206,3452.4299,N,07438.6606,W,2,9,0.3,10,M,,M,,*5F
\$HEHDT,239.2,T*25

PORT 4 04-06-2014 08:32:57
\$GPGLL,3452.4299,N,07438.6606,W,083206,A*3F
\$GPRMC,083206,A,3452.4299,N,07438.6606,W,4.5,242.6,060414,11.9,W*4C
\$HEHDT,238.7,T*21
\$GPVTG,242.6,T,254.5,M,4.5,N,8.3,K*40
\$GPZDA,083206,06,04,2014,00,00*42
\$GPGBS,083206,,,,,,*4E
\$GPGGA,083207,3452.4294,N,07438.6620,W,2,9,0.3,10,M,,M,,*57

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\$HEHDT,239.0,T*27

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PORT 4 04-06-2014 08:32:58

\$GPGLL,3452.4294,N,07438.6620,W,083207,A*37

\$GPRMC,083207,A,3452.4294,N,07438.6620,W,4.4,242.4,060414,11.9,W*47

\$HEHDT,238.9,T*2F

\$GPVTG,242.4,T,254.3,M,4.4,N,8.1,K*47

\$GPZDA,083207,06,04,2014,00,00*43

\$GPGBS,083207,,,,,,,,*4F

\$GPGBA,083208,3452.4290,N,07438.6633,W,2,9,0.3,10,M,,M,,*5E

\$HEHDT,238.5,T*23

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PORT 4 04-06-2014 08:32:59

\$GPGLL,3452.4290,N,07438.6633,W,083208,A*3E

\$GPRMC,083208,A,3452.4290,N,07438.6633,W,4.4,243.1,060414,11.9,W*4A

\$GPVTG,243.1,T,255.0,M,4.4,N,8.1,K*41

\$GPZDA,083208,06,04,2014,00,00*4C

\$HEHDT,238.4,T*22

\$GPGBS,083208,,,,,,,,*40

\$GPGBA,083209,3452.4284,N,07438.6647,W,2,9,0.3,10,M,,M,,*59

\$HEHDT,238.6,T*20

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PORT 4 04-06-2014 08:33:00

\$GPGLL,3452.4284,N,07438.6647,W,083209,A*39

\$GPRMC,083209,A,3452.4284,N,07438.6647,W,4.4,243.9,060414,11.9,W*45

\$GPVTG,243.9,T,255.8,M,4.4,N,8.1,K*41

\$GPZDA,083209,06,04,2014,00,00*4D

\$GPGBS,083209,,,,,,,,*41

\$HEHDT,238.1,T*27

\$GPGBA,083210,3452.4278,N,07438.6660,W,2,9,0.3,10,M,,M,,*57

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PORT 4 04-06-2014 08:33:01

\$HEHDT,238.6,T*20

\$GPGLL,3452.4278,N,07438.6660,W,083210,A*37

\$GPRMC,083210,A,3452.4278,N,07438.6660,W,4.5,244.3,060414,11.9,W*47

\$GPVTG,244.3,T,256.2,M,4.5,N,8.3,K*46

\$GPZDA,083210,06,04,2014,00,00*45

\$GPGBS,083210,,,,,,,,*49

\$GPGBA,083211,3452.4272,N,07438.6674,W,2,9,0.3,10,M,,M,,*59

\$HEHDT,238.6,T*20

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PORT 4 04-06-2014 08:33:02

\$GPGLL,3452.4272,N,07438.6674,W,083211,A*39

\$HEHDT,239.3,T*24

\$GPRMC,083211,A,3452.4272,N,07438.6674,W,4.4,243.9,060414,11.9,W*45

\$GPVTG,243.9,T,255.8,M,4.4,N,8.1,K*41

\$GPZDA,083211,06,04,2014,00,00*44

\$GPGBS,083211,,,,,,,,*48

\$GPGBA,083212,3452.4266,N,07438.6686,W,2,9,0.3,10,M,,M,,*52

\$HEHDT,239.8,T*2F

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PORT 4 04-06-2014 08:33:03

\$GPGLL,3452.4266,N,07438.6686,W,083212,A*32

\$GPRMC,083212,A,3452.4266,N,07438.6686,W,4.4,243.4,060414,11.9,W*43

\$HEHDT,239.8,T*2F

\$GPVTG,243.4,T,255.3,M,4.4,N,8.1,K*47

\$GPZDA,083212,06,04,2014,00,00*47

\$GPGBS,083212,,,,,,,,*4B

\$GPGBA,083213,3452.4260,N,07438.6700,W,2,9,0.3,10,M,,M,,*5A

\$HEHDT,240.1,T*28

PORT 12000 04-06-2014 08:33:03

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:33:04

\$GPGLL,3452.4260,N,07438.6700,W,083213,A*3A
\$GPRMC,083213,A,3452.4260,N,07438.6700,W,4.5,242.8,060414,11.9,W*47
\$GPVTG,242.8,T,254.7,M,4.5,N,8.3,K*4C
\$HEHDT,239.7,T*20
\$GPZDA,083213,06,04,2014,00,00*46
\$GPGBS,083213,,,,,,,,*4A
\$GPGBS,083214,3452.4254,N,07438.6714,W,2,9,0.3,10,M,,M,,*5F
\$HEHDT,239.8,T*2F

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PORT 4 04-06-2014 08:33:05

\$GPGLL,3452.4254,N,07438.6714,W,083214,A*3F
\$GPRMC,083214,A,3452.4254,N,07438.6714,W,4.5,242.7,060414,11.9,W*4D
\$GPVTG,242.7,T,254.6,M,4.5,N,8.3,K*42
\$GPZDA,083214,06,04,2014,00,00*41
\$GPGBS,083214,,,,,,,,*4D
\$HEHDT,239.6,T*21
\$GPGBS,083215,3452.4247,N,07438.6727,W,2,9,0.3,10,M,,M,,*5C
\$HEHDT,239.2,T*25
\$GPGLL,3452.4247,N,07438.6727,W,083215,A*3C
\$GPRMC,083215,A,3452.4247,N,07438.6727,W,4.5,242.6,060414,11.9,W*4F
\$GPVTG,242.6,T,254.5,M,4.5,N,8.3,K*40
\$GPZDA,083215,06,04,2014,00,00*40
\$GPGBS,083215,,,,,,,,*4C
\$GPGBS,083216,3452.4241,N,07438.6740,W,2,9,0.3,10,M,,M,,*58
\$HEHDT,238.9,T*2F

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PORT 4 04-06-2014 08:33:06

\$GPGLL,3452.4241,N,07438.6740,W,083216,A*38
\$HEHDT,238.3,T*25
\$GPRMC,083216,A,3452.4241,N,07438.6740,W,4.5,242.2,060414,11.9,W*4F
\$GPVTG,242.2,T,254.1,M,4.5,N,8.3,K*40
\$GPZDA,083216,06,04,2014,00,00*43
\$GPGBS,083216,,,,,,,,*4F
\$GPGBS,083217,3452.4236,N,07438.6754,W,2,9,0.3,10,M,,M,,*5C
\$HEHDT,238.4,T*22

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PORT 4 04-06-2014 08:33:08

\$GPGLL,3452.4236,N,07438.6754,W,083217,A*3C
\$GPRMC,083217,A,3452.4236,N,07438.6754,W,4.5,241.8,060414,11.9,W*42
\$HEHDT,238.5,T*23
\$GPVTG,241.8,T,253.7,M,4.5,N,8.3,K*48
\$GPZDA,083217,06,04,2014,00,00*42
\$GPGBS,083217,,,,,,,,*4E
\$GPGBS,083218,3452.4231,N,07438.6768,W,2,9,0.3,10,M,,M,,*5B
\$HEHDT,238.4,T*22

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PORT 4 04-06-2014 08:33:09

\$GPGLL,3452.4231,N,07438.6768,W,083218,A*3B
\$GPRMC,083218,A,3452.4231,N,07438.6768,W,4.5,241.9,060414,11.9,W*44
\$GPVTG,241.9,T,253.8,M,4.5,N,8.3,K*46
\$HEHDT,238.9,T*2F
\$GPZDA,083218,06,04,2014,00,00*4D
\$GPGBS,083218,,,,,,,,*41
\$GPGBS,083219,3452.4227,N,07438.6781,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,238.4,T*22

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PORT 4 04-06-2014 08:33:10

\$GPGLL,3452.4227,N,07438.6781,W,083219,A*3A
\$GPRMC,083219,A,3452.4227,N,07438.6781,W,4.5,242.6,060414,11.9,W*49
\$GPVTG,242.6,T,254.5,M,4.5,N,8.3,K*40
\$GPZDA,083219,06,04,2014,00,00*4C
\$HEHDT,238.9,T*2F

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\$GPGBS,083219,,,,,,*40
\$GPGGA,083220,3452.4222,N,07438.6794,W,2,9,0.3,10,M,,M,,*51

PORT 4 04-06-2014 08:33:11
\$HEHDT,239.3,T*24
\$GPGLL,3452.4222,N,07438.6794,W,083220,A*31
\$GPRMC,083220,A,3452.4222,N,07438.6794,W,4.4,243.7,060414,11.9,W*43
\$GPVTG,243.7,T,255.6,M,4.4,N,8.1,K*41
\$GPZDA,083220,06,04,2014,00,00*46
\$GPGBS,083220,,,,,,*4A
\$GPGGA,083221,3452.4218,N,07438.6808,W,2,9,0.3,10,M,,M,,*53
\$HEHDT,238.4,T*22

PORT 4 04-06-2014 08:33:12
\$GPGLL,3452.4218,N,07438.6808,W,083221,A*33
\$HEHDT,238.5,T*23
\$GPRMC,083221,A,3452.4218,N,07438.6808,W,4.4,244.5,060414,11.9,W*44
\$GPVTG,244.5,T,256.4,M,4.4,N,8.1,K*45
\$GPZDA,083221,06,04,2014,00,00*47
\$GPGBS,083221,,,,,,*4B
\$GPGGA,083222,3452.4211,N,07438.6823,W,2,9,0.3,10,M,,M,,*50
\$HEHDT,238.9,T*2F

PORT 4 04-06-2014 08:33:13
\$GPGLL,3452.4211,N,07438.6823,W,083222,A*30
\$HEHDT,238.1,T*27
\$GPRMC,083222,A,3452.4211,N,07438.6823,W,4.4,244.6,060414,11.9,W*44
\$GPVTG,244.6,T,256.5,M,4.4,N,8.1,K*47
\$GPZDA,083222,06,04,2014,00,00*44
\$GPGBS,083222,,,,,,*48
\$GPGGA,083223,3452.4203,N,07438.6835,W,2,9,0.3,10,M,,M,,*55
\$HEHDT,238.7,T*21
PORT 12000 04-06-2014 08:33:13
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PORT 4 04-06-2014 08:33:14
\$GPGLL,3452.4203,N,07438.6835,W,083223,A*35
\$GPRMC,083223,A,3452.4203,N,07438.6835,W,4.5,243.8,060414,11.9,W*49
\$HEHDT,238.5,T*23
\$GPVTG,243.8,T,255.7,M,4.5,N,8.3,K*4C
\$GPZDA,083223,06,04,2014,00,00*45
\$GPGBS,083223,,,,,,*49
\$GPGGA,083224,3452.4196,N,07438.6848,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,239.1,T*26

PORT 4 04-06-2014 08:33:15
\$GPGLL,3452.4196,N,07438.6848,W,083224,A*37
\$GPRMC,083224,A,3452.4196,N,07438.6848,W,4.5,242.3,060414,11.9,W*41
\$GPVTG,242.3,T,254.2,M,4.5,N,8.3,K*42
\$HEHDT,239.0,T*27
\$GPZDA,083224,06,04,2014,00,00*42
\$GPGBS,083224,,,,,,*4E
\$GPGGA,083225,3452.4190,N,07438.6862,W,2,9,0.3,10,M,,M,,*58
\$HEHDT,239.0,T*27

PORT 4 04-06-2014 08:33:16
\$GPGLL,3452.4190,N,07438.6862,W,083225,A*38
\$GPRMC,083225,A,3452.4190,N,07438.6862,W,4.5,241.1,060414,11.9,W*4F
\$GPVTG,241.1,T,253.0,M,4.5,N,8.3,K*46
\$GPZDA,083225,06,04,2014,00,00*43
\$GPGBS,083225,,,,,,*4F
\$GPGGA,083226,3452.4185,N,07438.6877,W,2,9,0.3,10,M,,M,,*5B
\$HEHDT,238.7,T*21

S01_C04_survey.Log

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PORT 5 04-06-2014 08:33:18
IN
PORT 4 04-06-2014 08:33:18
$GPGLL,3452.4190,N,07438.6862,W,083225,A*38
$GPRMC,083225,A,3452.4190,N,07438.6862,W,4.5,241.1,060414,11.9,W*4F
$GPVTG,241.1,T,253.0,M,4.5,N,8.3,K*46
$GPZDA,083225,06,04,2014,00,00*43
$GPGBS,083225,,,,,,,,*4F
$GPGBS,083226,3452.4185,N,07438.6877,W,2,9,0.3,10,M,,M,,*5B
$HEHDT,238.7,T*21
$GPGLL,3452.4185,N,07438.6877,W,083226,A*3B
$HEHDT,238.7,T*21
$GPRMC,083226,A,3452.4185,N,07438.6877,W,4.5,241.1,060414,11.9,W*4C
$GPVTG,241.1,T,253.0,M,4.5,N,8.3,K*46
$GPZDA,083226,06,04,2014,00,00*40
$GPGBS,083226,,,,,,,,*4C
$GPGBS,083227,3452.4180,N,07438.6891,W,2,9,0.3,10,M,,M,,*57
$HEHDT,239.1,T*26
$GPGLL,3452.4180,N,07438.6891,W,083227,A*37
$GPRMC,083227,A,3452.4180,N,07438.6891,W,4.5,242.2,060414,11.9,W*40
$HEHDT,238.3,T*25
$GPVTG,242.2,T,254.1,M,4.5,N,8.3,K*40
$GPZDA,083227,06,04,2014,00,00*41
$GPGBS,083227,,,,,,,,*4D
$GPGBS,083228,3452.4175,N,07438.6903,W,2,9,0.3,10,M,,M,,*58
$HEHDT,238.9,T*2F
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PORT 4 04-06-2014 08:33:19
$GPGLL,3452.4175,N,07438.6903,W,083228,A*38
$GPRMC,083228,A,3452.4175,N,07438.6903,W,4.6,243.4,060414,11.9,W*4B
$HEHDT,239.4,T*23
$GPVTG,243.4,T,255.3,M,4.6,N,8.5,K*41
$GPZDA,083228,06,04,2014,00,00*4E
$GPGBS,083228,,,,,,,,*42
$GPGBS,083229,3452.4168,N,07438.6914,W,2,9,0.3,10,M,,M,,*53
$HEHDT,238.7,T*21
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PORT 4 04-06-2014 08:33:20
$GPGLL,3452.4168,N,07438.6914,W,083229,A*33
$GPRMC,083229,A,3452.4168,N,07438.6914,W,4.5,243.5,060414,11.9,W*42
$GPVTG,243.5,T,255.4,M,4.5,N,8.3,K*42
$GPZDA,083229,06,04,2014,00,00*4F
$HEHDT,239.3,T*24
$GPGBS,083229,,,,,,,,*43
$GPGBS,083230,3452.4160,N,07438.6927,W,2,9,0.3,10,M,,M,,*53
$HEHDT,238.5,T*23
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PORT 5 04-06-2014 08:33:21
04138 ms
*
PORT 4 04-06-2014 08:33:21
$GPGLL,3452.4160,N,07438.6927,W,083230,A*33
$GPRMC,083230,A,3452.4160,N,07438.6927,W,4.4,242.2,060414,11.9,W*45
$GPVTG,242.2,T,254.1,M,4.4,N,8.1,K*43
$GPZDA,083230,06,04,2014,00,00*47
$HEHDT,238.5,T*23
$GPGBS,083230,,,,,,,,*4B
$GPGBS,083231,3452.4155,N,07438.6942,W,2,9,0.3,10,M,,M,,*57
$HEHDT,238.4,T*22
$GPGLL,3452.4155
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PORT 4 04-06-2014 08:33:22
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\$GPGLL,3452.4160,N,07438.6927,W,083230,A*33
\$GPRMC,083230,A,3452.4160,N,07438.6927,W,4.4,242.2,060414,11.9,w*45
\$GPVTG,242.2,T,254.1,M,4.4,N,8.1,K*43
\$GPZDA,083230,06,04,2014,00,00*47
\$HEHDT,238.5,T*23
\$GPGBS,083230,,,,,,,,*4B
\$GPGGA,083231,3452.4155,N,07438.6942,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,238.4,T*22
\$GPGLL,3452.4155,N,07438.6942,W,083231,A*37
\$GPRMC,083231,A,3452.4155,N,07438.6942,W,4.4,240.7,060414,11.9,w*46
\$GPVTG,240.7,T,252.6,M,4.4,N,8.1,K*45
\$GPZDA,083231,06,04,2014,00,00*46
\$GPGBS,083231,,,,,,,,*4A
\$GPGGA,083232,3452.4151,N,07438.6956,W,2,9,0.3,10,M,,M,,*55
\$HEHDT,238.0,T*26
\$GPGLL,3452.4151,N,07438.6956,W,083232,A*35
\$GPRMC,083232,A,3452.4151,N,07438.6956,W,4.5,241.2,060414,11.9,w*41
\$HEHDT,238.2,T*24
\$GPVTG,241.2,T,253.1,M,4.5,N,8.3,K*44
\$GPZDA,083232,06,04,2014,00,00*45
\$GPGBS,083232,,,,,,,,*49
\$GPGGA,083233,3452.4146,N,07438.6971,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,238.3,T*25

PORT 4 04-06-2014 08:33:23
\$GPGLL,3452.4146,N,07438.6971,W,083233,A*37
\$GPRMC,083233,A,3452.4146,N,07438.6971,W,4.5,242.9,060414,11.9,w*4B
\$HEHDT,238.2,T*24
\$GPVTG,242.9,T,254.8,M,4.5,N,8.3,K*42
\$GPZDA,083233,06,04,2014,00,00*44
\$GPGBS,083233,,,,,,,,*48
\$GPGGA,083234,3452.4140,N,07438.6985,W,2,9,0.3,10,M,,M,,*5D
\$HEHDT,239.0,T*27
PORT 12000 04-06-2014 08:33:23
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:33:25
\$GPGLL,3452.4140,N,07438.6985,W,083234,A*3D
\$GPRMC,083234,A,3452.4140,N,07438.6985,W,4.5,243.8,060414,11.9,w*41
\$HEHDT,238.5,T*23
\$GPVTG,243.8,T,255.7,M,4.5,N,8.3,K*4C
\$GPZDA,083234,06,04,2014,00,00*43
\$GPGBS,083234,,,,,,,,*4F
\$GPGGA,083235,3452.4133,N,07438.6999,W,2,9,0.3,10,M,,M,,*55

PORT 4 04-06-2014 08:33:26
\$HEHDT,239.1,T*26
\$GPGLL,3452.4133,N,07438.6999,W,083235,A*35
\$GPRMC,083235,A,3452.4133,N,07438.6999,W,4.5,243.7,060414,11.9,w*46
\$GPVTG,243.7,T,255.6,M,4.5,N,8.3,K*42
\$HEHDT,239.3,T*24
\$GPZDA,083235,06,04,2014,00,00*42
\$GPGBS,083235,,,,,,,,*4E
\$GPGGA,083236,3452.4126,N,07438.7011,W,2,9,0.3,10,M,,M,,*5A

PORT 4 04-06-2014 08:33:27
\$HEHDT,239.0,T*27
\$GPGLL,3452.4126,N,07438.7011,W,083236,A*3A
\$GPRMC,083236,A,3452.4126,N,07438.7011,W,4.5,242.9,060414,11.9,w*46
\$GPVTG,242.9,T,254.8,M,4.5,N,8.3,K*42
\$GPZDA,083236,06,04,2014,00,00*41
\$GPGBS,083236,,,,,,,,*4D
\$HEHDT,239.4,T*23

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\$GPGGA,083237,3452.4119,N,07438.7025,W,2,9,0.3,10,M,,M,,*50

PORT 4 04-06-2014 08:33:28
\$HEHDT,238.7,T*21
\$GPGLL,3452.4119,N,07438.7025,W,083237,A*30
\$GPRMC,083237,A,3452.4119,N,07438.7025,W,4.5,241.9,060414,11.9,W*4F
\$GPVTG,241.9,T,253.8,M,4.5,N,8.3,K*46
\$GPZDA,083237,06,04,2014,00,00*40
\$GPGBS,083237,,,,,,,,*4C
\$GPGGA,083238,3452.4113,N,07438.7036,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,239.3,T*24

PORT 4 04-06-2014 08:33:29
\$GPGLL,3452.4113,N,07438.7036,W,083238,A*37
\$GPRMC,083238,A,3452.4113,N,07438.7036,W,4.5,240.9,060414,11.9,W*49
\$HEHDT,239.1,T*26
\$GPVTG,240.9,T,252.8,M,4.5,N,8.3,K*46
\$GPZDA,083238,06,04,2014,00,00*4F
\$GPGBS,083238,,,,,,,,*43
\$GPGGA,083239,3452.4108,N,07438.7050,W,2,9,0.3,9,M,,M,,*64
\$HEHDT,239.6,T*21

PORT 4 04-06-2014 08:33:30
\$GPGLL,3452.4108,N,07438.7050,W,083239,A*3C
\$GPRMC,083239,A,3452.4108,N,07438.7050,W,4.5,240.6,060414,11.9,W*4D
\$HEHDT,240.1,T*28
\$GPVTG,240.6,T,252.5,M,4.5,N,8.3,K*44
\$GPZDA,083239,06,04,2014,00,00*4E
\$GPGBS,083239,,,,,,,,*42
\$GPGGA,083240,3452.4104,N,07438.7065,W,2,9,0.3,9,M,,M,,*60
\$HEHDT,239.6,T*21

PORT 4 04-06-2014 08:33:31
\$GPGLL,3452.4104,N,07438.7065,W,083240,A*38
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\$GPVTG,241.4,T,253.3,M,4.5,N,8.3,K*40
\$HEHDT,240.0,T*29
\$GPZDA,083240,06,04,2014,00,00*40
\$GPGBS,083240,,,,,,,,*4C
\$GPGGA,083241,3452.4099,N,07438.7079,W,2,9,0.3,9,M,,M,,*69

PORT 4 04-06-2014 08:33:32
\$HEHDT,240.1,T*28
\$GPGLL,3452.4099,N,07438.7079,W,083241,A*31
\$GPRMC,083241,A,3452.4099,N,07438.7079,W,4.5,242.8,060414,11.9,W*4C
\$GPVTG,242.8,T,254.7,M,4.5,N,8.3,K*4C
\$GPZDA,083241,06,04,2014,00,00*41
\$GPGBS,083241,,,,,,,,*4D
\$HEHDT,239.7,T*20
\$GPGGA,083242,3452.4093,N,07438.7093,W,2,9,0.3,9,M,,M,,*64

PORT 4 04-06-2014 08:33:33
\$HEHDT,239.9,T*2E
\$GPGLL,3452.4093,N,07438.7093,W,083242,A*3C
\$GPRMC,083242,A,3452.4093,N,07438.7093,W,4.5,243.5,060414,11.9,W*4D
\$GPVTG,243.5,T,255.4,M,4.5,N,8.3,K*42
\$GPZDA,083242,06,04,2014,00,00*42
\$GPGBS,083242,,,,,,,,*4E
\$GPGGA,083243,3452.4086,N,07438.7105,W,2,9,0.3,9,M,,M,,*6F
\$HEHDT,239.3,T*24
PORT 12000 04-06-2014 08:33:33
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PORT 4 04-06-2014 08:33:34
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\$HEHDT,239.3,T*24
\$GPRMC,083243,A,3452.4086,N,07438.7105,W,4.5,243.2,060414,11.9,w*41
\$GPVTG,243.2,T,255.1,M,4.5,N,8.3,K*40
\$GPZDA,083243,06,04,2014,00,00*43
\$GPGBS,083243,,,,,,,,*4F
\$GPGGA,083244,3452.4081,N,07438.7120,W,2,9,0.3,9,M,,M,,*68
\$HEHDT,238.7,T*21

PORT 4 04-06-2014 08:33:35
\$GPGLL,3452.4081,N,07438.7120,W,083244,A*30
\$GPRMC,083244,A,3452.4081,N,07438.7120,W,4.5,242.5,060414,11.9,w*40
\$HEHDT,239.1,T*26
\$GPVTG,242.5,T,254.4,M,4.5,N,8.3,K*42
\$GPZDA,083244,06,04,2014,00,00*44
\$GPGBS,083244,,,,,,,,*48
\$GPGGA,083245,3452.4075,N,07438.7134,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,239.1,T*26

PORT 4 04-06-2014 08:33:36
\$GPGLL,3452.4075,N,07438.7134,W,083245,A*3F
\$GPRMC,083245,A,3452.4075,N,07438.7134,W,4.5,242.5,060414,11.9,w*4F
\$GPVTG,242.5,T,254.4,M,4.5,N,8.3,K*42
\$HEHDT,239.0,T*27
\$GPZDA,083245,06,04,2014,00,00*45
\$GPGBS,083245,,,,,,,,*49
\$GPGGA,083246,3452.4070,N,07438.7148,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,239.3,T*24

PORT 4 04-06-2014 08:33:37
\$GPGLL,3452.4070,N,07438.7148,W,083246,A*32
\$GPRMC,083246,A,3452.4070,N,07438.7148,W,4.6,242.9,060414,11.9,w*4D
\$GPVTG,242.9,T,254.8,M,4.6,N,8.5,K*47
\$GPZDA,083246,06,04,2014,00,00*46
\$GPGBS,083246,,,,,,,,*4A
\$HEHDT,239.4,T*23
\$GPGGA,083247,3452.4061,N,07438.7162,W,2,9,0.3,9,M,,M,,*63

PORT 4 04-06-2014 08:33:38
\$HEHDT,239.3,T*24
\$GPGLL,3452.4061,N,07438.7162,W,083247,A*3B
\$GPRMC,083247,A,3452.4061,N,07438.7162,W,4.6,242.9,060414,11.9,w*44
\$GPVTG,242.9,T,254.8,M,4.6,N,8.5,K*47
\$GPZDA,083247,06,04,2014,00,00*47
\$GPGBS,083247,,,,,,,,*4B
\$GPGGA,083248,3452.4054,N,07438.7174,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,239.5,T*22

PORT 4 04-06-2014 08:33:39
\$GPGLL,3452.4054,N,07438.7174,W,083248,A*35
\$HEHDT,239.0,T*27
\$GPRMC,083248,A,3452.4054,N,07438.7174,W,4.6,242.0,060414,11.9,w*43
\$GPVTG,242.0,T,253.9,M,4.6,N,8.5,K*48
\$GPZDA,083248,06,04,2014,00,00*48
\$GPGBS,083248,,,,,,,,*44
\$GPGGA,083249,3452.4049,N,07438.7187,W,2,9,0.3,9,M,,M,,*6C
\$HEHDT,239.4,T*23

PORT 4 04-06-2014 08:33:40
\$GPGLL,3452.4049,N,07438.7187,W,083249,A*34
\$GPRMC,083249,A,3452.4049,N,07438.7187,W,4.6,241.0,060414,11.9,w*41
\$HEHDT,239.2,T*25

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\$GPVTG,241.0,T,252.9,M,4.6,N,8.5,K*4A
\$GPZDA,083249,06,04,2014,00,00*49
\$GPGBS,083249,,,,,,*45
\$GPGGA,083250,3452.4044,N,07438.7200,W,2,9,0.3,9,M,,M,,*65
\$HEHDT,239.4,T*23

PORT 4 04-06-2014 08:33:41
\$GPGLL,3452.4044,N,07438.7200,W,083250,A*3D
\$GPRMC,083250,A,3452.4044,N,07438.7200,W,4.5,240.8,060414,11.9,W*42
\$GPVTG,240.8,T,252.7,M,4.5,N,8.3,K*48
\$HEHDT,238.6,T*20
\$GPZDA,083250,06,04,2014,00,00*41
\$GPGBS,083250,,,,,,*4D
\$GPGGA,083251,3452.4039,N,07438.7216,W,2,9,0.3,9,M,,M,,*69
\$HEHDT,238.6,T*20

PORT 4 04-06-2014 08:33:42
\$GPGLL,3452.4039,N,07438.7216,W,083251,A*31
\$GPRMC,083251,A,3452.4039,N,07438.7216,W,4.5,241.8,060414,11.9,W*4F
\$GPVTG,241.8,T,253.7,M,4.5,N,8.3,K*48
\$GPZDA,083251,06,04,2014,00,00*40
\$HEHDT,238.5,T*23
\$GPGBS,083251,,,,,,*4C
\$GPGGA,083252,3452.4035,N,07438.7229,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,238.2,T*24
\$GPGLL,3452.4035,N,07438.7229,W,083252,A*32
\$GPRMC,083252,A,3452.4035,N,07438.7229,W,4.5,243.2,060414,11.9,W*44
\$GPVTG,243.2,T,255.1,M,4.5,N,8.3,K*40
\$GPZDA,083252,06,04,2014,00,00*43
\$GPGBS,083252,,,,,,*4F
\$GPGGA,083253,3452.4030,N,07438.7242,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,238.0,T*26

PORT 4 04-06-2014 08:33:43
\$GPGLL,3452.4030,N,07438.7242,W,083253,A*3B
\$HEHDT,238.0,T*26
\$GPRMC,083253,A,3452.4030,N,07438.7242,W,4.5,244.1,060414,11.9,W*49
\$GPVTG,244.1,T,256.0,M,4.5,N,8.3,K*46
\$GPZDA,083253,06,04,2014,00,00*42
\$GPGBS,083253,,,,,,*4E
\$GPGGA,083254,3452.4024,N,07438.7256,W,2,9,0.3,9,M,,M,,*64
\$HEHDT,238.0,T*26
PORT 12000 04-06-2014 08:33:43
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PORT 4 04-06-2014 08:33:44
\$GPGLL,3452.4024,N,07438.7256,W,083254,A*3C
\$GPRMC,083254,A,3452.4024,N,07438.7256,W,4.5,244.0,060414,11.9,W*4F
\$HEHDT,237.9,T*20
\$GPVTG,244.0,T,255.9,M,4.5,N,8.3,K*4D
\$GPZDA,083254,06,04,2014,00,00*45
\$GPGBS,083254,,,,,,*49
\$GPGGA,083255,3452.4018,N,07438.7270,W,2,9,0.3,9,M,,M,,*6E
\$HEHDT,238.2,T*24

PORT 4 04-06-2014 08:33:45
\$GPGLL,3452.4018,N,07438.7270,W,083255,A*36
\$GPRMC,083255,A,3452.4018,N,07438.7270,W,4.4,243.9,060414,11.9,W*4A
\$HEHDT,237.7,T*2E
\$GPVTG,243.9,T,255.8,M,4.4,N,8.1,K*41
\$GPZDA,083255,06,04,2014,00,00*44
\$GPGBS,083255,,,,,,*48
\$GPGGA,083256,3452.4012,N,07438.7282,W,2,9,0.3,9,M,,M,,*6A

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PORT 4 04-06-2014 08:33:46
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$GPGLL,3452.4012,N,07438.7282,W,083256,A*32
$GPRMC,083256,A,3452.4012,N,07438.7282,W,4.4,243.5,060414,11.9,W*42
$GPVTG,243.5,T,255.4,M,4.4,N,8.1,K*41
$GPZDA,083256,06,04,2014,00,00*47
$HEHDT,237.6,T*2F
$GPGBS,083256,,,,,,,,*4B
$GPGGA,083257,3452.4003,N,07438.7296,W,2,9,0.3,9,M,,M,,*6E
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PORT 4 04-06-2014 08:33:48
$HEHDT,237.2,T*2B
$GPGLL,3452.4003,N,07438.7296,W,083257,A*36
$GPRMC,083257,A,3452.4003,N,07438.7296,W,4.5,242.6,060414,11.9,W*45
$GPVTG,242.6,T,254.5,M,4.5,N,8.3,K*40
$GPZDA,083257,06,04,2014,00,00*46
$GPGBS,083257,,,,,,,,*4A
$HEHDT,237.2,T*2B
$GPGGA,083258,3452.3995,N,07438.7310,W,2,9,0.3,9,M,,M,,*6F
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PORT 4 04-06-2014 08:33:49
$GPGLL,3452.3995,N,07438.7310,W,083258,A*37
$HEHDT,236.6,T*2E
$GPRMC,083258,A,3452.3995,N,07438.7310,W,4.5,241.2,060414,11.9,W*43
$GPVTG,241.2,T,253.1,M,4.5,N,8.3,K*44
$GPZDA,083258,06,04,2014,00,00*49
$GPGBS,083258,,,,,,,,*45
$GPGGA,083259,3452.3989,N,07438.7323,W,2,9,0.3,9,M,,M,,*63
$HEHDT,237.0,T*29
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PORT 4 04-06-2014 08:33:50
$GPGLL,3452.3989,N,07438.7323,W,083259,A*3B
$HEHDT,236.3,T*2B
$GPRMC,083259,A,3452.3989,N,07438.7323,W,4.6,239.9,060414,11.9,W*48
$GPVTG,239.9,T,251.8,M,4.6,N,8.5,K*4E
$GPZDA,083259,06,04,2014,00,00*48
$GPGBS,083259,,,,,,,,*44
$GPGGA,083300,3452.3984,N,07438.7339,W,2,9,0.3,9,M,,M,,*68
$HEHDT,236.7,T*2F
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PORT 4 04-06-2014 08:33:51
$GPGLL,3452.3984,N,07438.7339,W,083300,A*30
$GPRMC,083300,A,3452.3984,N,07438.7339,W,4.6,240.0,060414,11.9,W*44
$HEHDT,236.7,T*2F
$GPVTG,240.0,T,251.9,M,4.6,N,8.5,K*48
$GPZDA,083300,06,04,2014,00,00*45
$GPGBS,083300,,,,,,,,*49
$GPGGA,083301,3452.3979,N,07438.7354,W,2,9,0.3,9,M,,M,,*60
$HEHDT,237.3,T*2A
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PORT 4 04-06-2014 08:33:52
$GPGLL,3452.3979,N,07438.7354,W,083301,A*38
$GPRMC,083301,A,3452.3979,N,07438.7354,W,4.6,241.3,060414,11.9,W*4E
$GPVTG,241.3,T,253.2,M,4.6,N,8.5,K*43
$HEHDT,237.4,T*2D
$GPZDA,083301,06,04,2014,00,00*44
$GPGBS,083301,,,,,,,,*48
$GPGGA,083302,3452.3974,N,07438.7368,W,2,9,0.3,9,M,,M,,*61
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PORT 4 04-06-2014 08:33:53
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$GPGLL,3452.3974,N,07438.7368,W,083302,A*39
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\$GPRMC,083302,A,3452.3974,N,07438.7368,W,4.6,242.4,060414,11.9,w*4B
\$GPVTG,242.4,T,254.3,M,4.6,N,8.5,K*41
\$GPZDA,083302,06,04,2014,00,00*47
\$GPGBS,083302,,,,,,,,*4B
\$HEHDT,237.5,T*2C
\$GPGGA,083303,3452.3969,N,07438.7379,W,2,9,0.3,9,M,,M,,*6C

PORT 4 04-06-2014 08:33:54
\$HEHDT,237.1,T*28
\$GPGLL,3452.3969,N,07438.7379,W,083303,A*34
\$GPRMC,083303,A,3452.3969,N,07438.7379,W,4.6,242.9,060414,11.9,w*4B
\$GPVTG,242.9,T,254.8,M,4.6,N,8.5,K*47
\$GPZDA,083303,06,04,2014,00,00*46
\$GPGBS,083303,,,,,,,,*4A
\$GPGGA,083304,3452.3962,N,07438.7390,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,237.2,T*2B
PORT 12000 04-06-2014 08:33:54
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PORT 4 04-06-2014 08:33:55
\$GPGLL,3452.3962,N,07438.7390,W,083304,A*3F
\$HEHDT,236.2,T*2A
\$GPRMC,083304,A,3452.3962,N,07438.7390,W,4.5,242.4,060414,11.9,w*4E
\$GPVTG,242.4,T,254.3,M,4.5,N,8.3,K*44
\$GPZDA,083304,06,04,2014,00,00*41
\$GPGBS,083304,,,,,,,,*4D
\$GPGGA,083305,3452.3955,N,07438.7402,W,2,9,0.3,9,M,,M,,*6E
\$HEHDT,236.3,T*2B

PORT 4 04-06-2014 08:33:56
\$GPGLL,3452.3955,N,07438.7402,W,083305,A*36
\$HEHDT,236.2,T*2A
\$GPRMC,083305,A,3452.3955,N,07438.7402,W,4.4,241.3,060414,11.9,w*42
\$GPVTG,241.3,T,253.2,M,4.4,N,8.1,K*45
\$GPZDA,083305,06,04,2014,00,00*40
\$GPGBS,083305,,,,,,,,*4C
\$GPGGA,083306,3452.3949,N,07438.7416,W,2,6,0.4,9,M,,M,,*6D
\$HEHDT,236.1,T*29

PORT 4 04-06-2014 08:33:57
\$GPGLL,3452.3949,N,07438.7416,W,083306,A*3D
\$GPRMC,083306,A,3452.3949,N,07438.7416,W,4.4,240.4,060414,11.9,w*4F
\$GPVTG,240.4,T,252.3,M,4.4,N,8.1,K*43
\$HEHDT,236.3,T*2B
\$GPZDA,083306,06,04,2014,00,00*43
\$GPGBS,083306,,,,,,,,*4F
\$GPGGA,083307,3452.3942,N,07438.7430,W,2,6,0.4,9,M,,M,,*63
\$HEHDT,236.8,T*20

PORT 4 04-06-2014 08:33:58
\$GPGLL,3452.3942,N,07438.7430,W,083307,A*33
\$GPRMC,083307,A,3452.3942,N,07438.7430,W,4.4,240.0,060414,11.9,w*45
\$GPVTG,240.0,T,251.9,M,4.4,N,8.1,K*4E
\$GPZDA,083307,06,04,2014,00,00*42
\$GPGBS,083307,,,,,,,,*4E
\$HEHDT,237.0,T*29
\$GPGGA,083308,3452.3936,N,07438.7442,W,2,6,0.4,9,M,,M,,*6A

PORT 4 04-06-2014 08:33:59
\$HEHDT,236.7,T*2F
\$GPGLL,3452.3936,N,07438.7442,W,083308,A*3A
\$GPRMC,083308,A,3452.3936,N,07438.7442,W,4.4,239.6,060414,11.9,w*44
\$GPVTG,239.6,T,251.5,M,4.4,N,8.1,K*4A

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\$GPZDA,083308,06,04,2014,00,00*4D
\$GPGBS,083308,,,,,,,,*41
\$GPGGA,083309,3452.3930,N,07438.7455,W,2,6,0.4,9,M,,M,,*6B
\$HEHDT,236.3,T*2B

PORT 4 04-06-2014 08:34:00
\$HEHDT,236.3,T*2B
\$GPGLL,3452.3930,N,07438.7455,W,083309,A*3B
\$GPRMC,083309,A,3452.3930,N,07438.7455,W,4.4,239.4,060414,11.9,W*47
\$GPVTG,239.4,T,251.3,M,4.4,N,8.1,K*4E
\$GPZDA,083309,06,04,2014,00,00*4C
\$GPGBS,083309,,,,,,,,*40
\$GPGGA,083310,3452.3926,N,07438.7469,W,2,6,0.4,9,M,,M,,*6B
\$HEHDT,235.6,T*2D

PORT 4 04-06-2014 08:34:01
\$GPGLL,3452.3926,N,07438.7469,W,083310,A*3B
\$HEHDT,235.2,T*29
\$GPRMC,083310,A,3452.3926,N,07438.7469,W,4.4,239.6,060414,11.9,W*45
\$GPVTG,239.6,T,251.5,M,4.4,N,8.1,K*4A
\$GPZDA,083310,06,04,2014,00,00*44
\$GPGBS,083310,,,,,,,,*48
\$GPGGA,083311,3452.3920,N,07438.7485,W,1,6,1.1,9,M,,M,,*69
\$HEHDT,235.1,T*2A

PORT 4 04-06-2014 08:34:02
\$GPGLL,3452.3920,N,07438.7485,W,083311,A*3E
\$GPRMC,083311,A,3452.3920,N,07438.7485,W,4.5,240.6,060414,11.9,W*4F
\$GPVTG,240.6,T,252.5,M,4.5,N,8.3,K*44
\$HEHDT,234.9,T*23
\$GPZDA,083311,06,04,2014,00,00*45
\$GPGBS,083311,,,,,,,,*49
\$GPGGA,083312,3452.3913,N,07438.7498,W,2,6,0.4,9,M,,M,,*61
\$HEHDT,235.1,T*2A

PORT 4 04-06-2014 08:34:03
\$GPGLL,3452.3913,N,07438.7498,W,083312,A*31
\$GPRMC,083312,A,3452.3913,N,07438.7498,W,4.5,241.7,060414,11.9,W*40
\$GPVTG,241.7,T,253.6,M,4.5,N,8.3,K*46
\$HEHDT,235.4,T*2F
\$GPZDA,083312,06,04,2014,00,00*46
\$GPGBS,083312,,,,,,,,*4A
\$GPGGA,083313,3452.3906,N,07438.7510,W,2,6,0.4,9,M,,M,,*65
\$HEHDT,235.4,T*2F
\$GPGLL,3452.3906,N,07438.7510,W,083313,A*35
\$GPRMC,083313,A,3452.3906,N,07438.7510,W,4.6,241.6,060414,11.9,W*46
\$GPVTG,241.6,T,253.5,M,4.6,N,8.5,K*41
\$GPZDA,083313,06,04,2014,00,00*47
\$GPGBS,083313,,,,,,,,*4B
\$GPGGA,083314,3452.3900,N,07438.7521,W,2,6,0.4,9,M,,M,,*66
\$HEHDT,236.0,T*28
PORT 12000 04-06-2014 08:34:03
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PORT 4 04-06-2014 08:34:04
\$HEHDT,235.8,T*23
\$GPGLL,3452.3900,N,07438.7521,W,083314,A*36
\$GPRMC,083314,A,3452.3900,N,07438.7521,W,4.5,240.7,060414,11.9,W*46
\$GPVTG,240.7,T,252.6,M,4.5,N,8.3,K*46
\$GPZDA,083314,06,04,2014,00,00*40
\$GPGBS,083314,,,,,,,,*4C
\$GPGGA,083315,3452.3893,N,07438.7534,W,2,6,0.4,9,M,,M,,*68
\$HEHDT,236.2,T*2A

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PORT 4 04-06-2014 08:34:06
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$HEHDT,235.9,T*22
$GPRMC,083315,A,3452.3893,N,07438.7534,W,4.5,239.7,060414,11.9,W*46
$GPVTG,239.7,T,251.6,M,4.5,N,8.3,K*4B
$GPZDA,083315,06,04,2014,00,00*41
$GPGGBS,083315,,,,,,,,*4D
$GPGGA,083316,3452.3884,N,07438.7546,W,2,6,0.4,9,M,,M,,*68
$HEHDT,236.3,T*2B
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PORT 4 04-06-2014 08:34:07
$GPGLL,3452.3884,N,07438.7546,W,083316,A*38
$GPRMC,083316,A,3452.3884,N,07438.7546,W,4.4,239.0,060414,11.9,W*40
$HEHDT,236.3,T*2B
$GPVTG,239.0,T,250.9,M,4.4,N,8.1,K*41
$GPZDA,083316,06,04,2014,00,00*42
$GPGGBS,083316,,,,,,,,*4E
$GPGGA,083317,3452.3878,N,07438.7560,W,2,6,0.4,9,M,,M,,*6E
$HEHDT,235.8,T*23
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PORT 4 04-06-2014 08:34:08
$GPGLL,3452.3878,N,07438.7560,W,083317,A*3E
$GPRMC,083317,A,3452.3878,N,07438.7560,W,4.4,238.8,060414,11.9,W*4F
$HEHDT,235.6,T*2D
$GPVTG,238.8,T,250.7,M,4.4,N,8.1,K*46
$GPZDA,083317,06,04,2014,00,00*43
$GPGGBS,083317,,,,,,,,*4F
$GPGGA,083318,3452.3872,N,07438.7572,W,2,9,0.3,9,M,,M,,*60
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PORT 5 04-06-2014 08:34:09
IN
PORT 4 04-06-2014 08:34:09
$GPGLL,3452.3872,N,07438.7572,W,083318,A*38
$GPRMC,083318,A,3452.3872,N,07438.7572,W,4.5,238.8,060414,11.9,W*48
$GPVTG,238.8,T,250.7,M,4.5,N,8.3,K*45
$GPZDA,083318,06,04,2014,00,00*4C
$HEHDT,234.3,T*29
$GPGGBS,083318,,,,,,,,*40
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PORT 4 04-06-2014 08:34:11
$GPGLL,3452.3872,N,07438.7572,W,083318,A*38
$GPRMC,083318,A,3452.3872,N,07438.7572,W,4.5,238.8,060414,11.9,W*48
$GPVTG,238.8,T,250.7,M,4.5,N,8.3,K*45
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$HEHDT,234.0,T*2A
$GPGLL,3452.3866,N,07438.7583,W,083319,A*32
$GPRMC,083319,A,3452.3866,N,07438.7583,W,4.4,238.8,060414,11.9,W*43
$GPVTG,238.8,T,250.7,M,4.4,N,8.1,K*46
$GPZDA,083319,06,04,2014,00,00*4D
$GPGGBS,083319,,,,,,,,*41
$GPGGA,083320,3452.3861,N,07438.7596,W,2,9,0.3,9,M,,M,,*63
$HEHDT,233.4,T*29
$GPGLL,3452.3861,N,07438.7596,W,083320,A*3B
$HEHDT,233.5,T*28
$GPRMC,083320,A,3452.3861,N,07438.7596,W,4.4,238.8,060414,11.9,W*4A
$GPVTG,238.8,T,250.7,M,4.4,N,8.1,K*46

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S01_C04_survey.Log

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PORT 4 04-06-2014 08:34:12
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\$HEHDT,233.7,T*2A
\$GPVTG,239.1,T,251.0,M,4.3,N,8.0,K*4E
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\$HEHDT,234.2,T*28

PORT 5 04-06-2014 08:34:13
04149 ms
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PORT 4 04-06-2014 08:34:13
\$GPGLL,3452.3850,N,07438.7621,W,083322,A*34
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\$GPVTG,239.5,T,251.4,M,4.3,N,8.0,K*4E
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PORT 4 04-06-2014 08:34:14
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PORT 12000 04-06-2014 08:34:14
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PORT 4 04-06-2014 08:34:15
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\$GPVTG,238.6,T,250.5,M,4.3,N,8.0,K*4C
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\$GPGBS,083324,,,,,,,,*4F
\$GPGGA,083325,3452.3825,N,07438.7657,W,2,9,0.3,9,M,,M,,*68
\$HEHDT,233.7,T*2A

PORT 4 04-06-2014 08:34:16
\$HEHDT,233.0,T*2D
\$GPGLL,3452.3825,N,07438.7657,W,083325,A*30
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\$GPVTG,237.1,T,249.0,M,4.4,N,8.1,K*4F
\$GPZDA,083325,06,04,2014,00,00*42

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\$GPGBS,083325,,,,,,,,*4E
\$GPGGA,083326,3452.3817,N,07438.7672,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,232.9,T*25

PORT 4 04-06-2014 08:34:17
\$GPGLL,3452.3817,N,07438.7672,W,083326,A*35
\$GPRMC,083326,A,3452.3817,N,07438.7672,W,4.4,235.9,060414,11.9,W*48
\$HEHDT,232.3,T*2F
\$GPVTG,235.9,T,247.8,M,4.4,N,8.1,K*43
\$GPZDA,083326,06,04,2014,00,00*41
\$GPGBS,083326,,,,,,,,*4D
\$GPGGA,083327,3452.3810,N,07438.7686,W,2,9,0.3,9,M,,M,,*60
\$HEHDT,232.2,T*2E

PORT 4 04-06-2014 08:34:18
\$GPGLL,3452.3810,N,07438.7686,W,083327,A*38
\$GPRMC,083327,A,3452.3810,N,07438.7686,W,4.5,235.5,060414,11.9,W*48
\$HEHDT,231.7,T*28
\$GPVTG,235.5,T,247.4,M,4.5,N,8.3,K*40
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PORT 4 04-06-2014 08:34:19
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\$GPRMC,083328,A,3452.3804,N,07438.7700,W,4.6,236.2,060414,11.9,W*4A
\$GPVTG,236.2,T,248.1,M,4.6,N,8.5,K*4B
\$GPZDA,083328,06,04,2014,00,00*4F
\$HEHDT,232.4,T*28
\$GPGBS,083328,,,,,,,,*43
\$GPGGA,083329,3452.3797,N,07438.7711,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,232.4,T*28

PORT 4 04-06-2014 08:34:20
\$GPGLL,3452.3797,N,07438.7711,W,083329,A*39
\$GPRMC,083329,A,3452.3797,N,07438.7711,W,4.6,237.0,060414,11.9,W*4D
\$GPVTG,237.0,T,248.9,M,4.6,N,8.5,K*40
\$GPZDA,083329,06,04,2014,00,00*4E
\$GPGBS,083329,,,,,,,,*42
\$GPGGA,083330,3452.3789,N,07438.7722,W,2,9,0.3,9,M,,M,,*66
\$HEHDT,232.7,T*2B

PORT 4 04-06-2014 08:34:21
\$HEHDT,232.8,T*24
\$GPGLL,3452.3789,N,07438.7722,W,083330,A*3E
\$GPRMC,083330,A,3452.3789,N,07438.7722,W,4.5,236.8,060414,11.9,W*40
\$GPVTG,236.8,T,248.7,M,4.5,N,8.3,K*42
\$GPZDA,083330,06,04,2014,00,00*46
\$GPGBS,083330,,,,,,,,*4A
\$GPGGA,083331,3452.3783,N,07438.7733,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,232.9,T*25

PORT 4 04-06-2014 08:34:22
\$GPGLL,3452.3783,N,07438.7733,W,083331,A*35
\$GPRMC,083331,A,3452.3783,N,07438.7733,W,4.5,235.9,060414,11.9,W*49
\$HEHDT,233.1,T*2C
\$GPVTG,235.9,T,247.8,M,4.5,N,8.3,K*40
\$GPZDA,083331,06,04,2014,00,00*47
\$GPGBS,083331,,,,,,,,*4B
\$GPGGA,083332,3452.3777,N,07438.7744,W,2,9,0.3,9,M,,M,,*65
\$HEHDT,232.7,T*2B
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PORT 4 04-06-2014 08:34:23

\$GPGLL,3452.3777,N,07438.7744,W,083332,A*3D
\$GPRMC,083332,A,3452.3777,N,07438.7744,W,4.4,235.1,060414,11.9,w*48
\$HEHDT,231.9,T*26
\$GPVTG,235.1,T,247.0,M,4.4,N,8.1,K*43
\$GPZDA,083332,06,04,2014,00,00*44
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\$GPGGA,083333,3452.3770,N,07438.7755,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,231.9,T*26

PORT 12000 04-06-2014 08:34:23

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:34:24

\$GPGLL,3452.3770,N,07438.7755,W,083333,A*3B
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\$GPVTG,234.8,T,246.7,M,4.3,N,8.0,K*4B
\$HEHDT,231.2,T*2D
\$GPZDA,083333,06,04,2014,00,00*45
\$GPGBS,083333,,,,,,,,*49
\$GPGGA,083334,3452.3763,N,07438.7767,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,231.0,T*2F
\$GPGLL,3452.3763,N,07438.7767,W,083334,A*3F
\$GPRMC,083334,A,3452.3763,N,07438.7767,W,4.3,234.8,060414,11.9,w*45
\$GPVTG,234.8,T,246.7,M,4.3,N,8.0,K*4B
\$GPZDA,083334,06,04,2014,00,00*42
\$GPGBS,083334,,,,,,,,*4E
\$HEHDT,230.6,T*28
\$GPGGA,083335,3452.3756,N,07438.7780,W,2,9,0.3,9,M,,M,,*69

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PORT 4 04-06-2014 08:34:25

\$HEHDT,231.1,T*2E
\$GPGLL,3452.3756,N,07438.7780,W,083335,A*31
\$GPRMC,083335,A,3452.3756,N,07438.7780,W,4.3,235.3,060414,11.9,w*41
\$GPVTG,235.3,T,247.2,M,4.3,N,8.0,K*45
\$GPZDA,083335,06,04,2014,00,00*43
\$GPGBS,083335,,,,,,,,*4F
\$GPGGA,083336,3452.3748,N,07438.7791,W,2,9,0.3,9,M,,M,,*65
\$HEHDT,231.6,T*29

#

PORT 4 04-06-2014 08:34:26

\$GPGLL,3452.3748,N,07438.7791,W,083336,A*3D
\$HEHDT,231.8,T*27
\$GPRMC,083336,A,3452.3748,N,07438.7791,W,4.3,235.2,060414,11.9,w*4C
\$GPVTG,235.2,T,247.1,M,4.3,N,8.0,K*47
\$GPZDA,083336,06,04,2014,00,00*40
\$GPGBS,083336,,,,,,,,*4C
\$GPGGA,083337,3452.3741,N,07438.7802,W,2,9,0.3,9,M,,M,,*68
\$HEHDT,232.1,T*2D

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PORT 4 04-06-2014 08:34:28

\$GPGLL,3452.3741,N,07438.7802,W,083337,A*30
\$GPRMC,083337,A,3452.3741,N,07438.7802,W,4.3,234.5,060414,11.9,w*47
\$HEHDT,232.7,T*2B
\$GPVTG,234.5,T,246.4,M,4.3,N,8.0,K*45
\$GPZDA,083337,06,04,2014,00,00*41
\$GPGBS,083337,,,,,,,,*4D
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#

PORT 4 04-06-2014 08:34:29

\$GPGLL,3452.3734,N,07438.7816,W,083338,A*38
\$GPRMC,083338,A,3452.3734,N,07438.7816,W,4.3,234.0,060414,11.9,w*4A
\$GPVTG,234.0,T,245.9,M,4.3,N,8.0,K*4E

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\$HEHDT,232.5,T*29
\$GPZDA,083338,06,04,2014,00,00*4E
\$GPGBS,083338,,,,,*42
\$GPGGA,083339,3452.3727,N,07438.7827,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,232.3,T*2F

PORT 4 04-06-2014 08:34:30
\$GPGLL,3452.3727,N,07438.7827,W,083339,A*39
\$GPRMC,083339,A,3452.3727,N,07438.7827,W,4.4,233.9,060414,11.9,W*42
\$GPVTG,233.9,T,245.8,M,4.4,N,8.1,K*47
\$GPZDA,083339,06,04,2014,00,00*4F
\$GPGBS,083339,,,,,*43
\$HEHDT,232.5,T*29
\$GPGGA,083340,3452.3719,N,07438.7839,W,2,9,0.3,9,M,,M,,*6D

PORT 4 04-06-2014 08:34:31
\$HEHDT,231.9,T*26
\$GPGLL,3452.3719,N,07438.7839,W,083340,A*35
\$GPRMC,083340,A,3452.3719,N,07438.7839,W,4.4,234.1,060414,11.9,W*41
\$GPVTG,234.1,T,246.0,M,4.4,N,8.1,K*43
\$GPZDA,083340,06,04,2014,00,00*41
\$GPGBS,083340,,,,,*4D
\$GPGGA,083341,3452.3710,N,07438.7852,W,2,9,0.3,9,M,,M,,*68
\$HEHDT,232.2,T*2E

PORT 4 04-06-2014 08:34:32
\$GPGLL,3452.3710,N,07438.7852,W,083341,A*30
\$HEHDT,232.1,T*2D
\$GPRMC,083341,A,3452.3710,N,07438.7852,W,4.4,234.0,060414,11.9,W*45
\$GPVTG,234.0,T,245.9,M,4.4,N,8.1,K*48
\$GPZDA,083341,06,04,2014,00,00*40
\$GPGBS,083341,,,,,*4C
\$GPGGA,083342,3452.3702,N,07438.7864,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,231.8,T*27

PORT 4 04-06-2014 08:34:33
\$GPGLL,3452.3702,N,07438.7864,W,083342,A*35
\$GPRMC,083342,A,3452.3702,N,07438.7864,W,4.5,233.5,060414,11.9,W*43
\$HEHDT,232.2,T*2E
\$GPVTG,233.5,T,245.4,M,4.5,N,8.3,K*44
\$GPZDA,083342,06,04,2014,00,00*43
\$GPGBS,083342,,,,,*4F
\$GPGGA,083343,3452.3695,N,07438.7877,W,2,9,0.3,9,M,,M,,*61
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PORT 12000 04-06-2014 08:34:33
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PORT 4 04-06-2014 08:34:34
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\$GPRMC,083343,A,3452.3695,N,07438.7877,W,4.5,233.1,060414,11.9,W*4B
\$HEHDT,231.9,T*26
\$GPVTG,233.1,T,245.0,M,4.5,N,8.3,K*44
\$GPZDA,083343,06,04,2014,00,00*42
\$GPGBS,083343,,,,,*4E
\$GPGGA,083344,3452.3689,N,07438.7888,W,2,9,0.3,9,M,,M,,*6B
\$HEHDT,232.2,T*2E

PORT 4 04-06-2014 08:34:35
\$GPGLL,3452.3689,N,07438.7888,W,083344,A*33
\$GPRMC,083344,A,3452.3689,N,07438.7888,W,4.4,233.4,060414,11.9,W*45
\$GPVTG,233.4,T,245.3,M,4.4,N,8.1,K*41
\$GPZDA,083344,06,04,2014,00,00*45
\$HEHDT,232.1,T*2D

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\$GPGBS,083344,,,,,,,,*49
\$GPGGA,083345,3452.3684,N,07438.7899,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,232.7,T*2B

PORT 4 04-06-2014 08:34:36
\$GPGLL,3452.3684,N,07438.7899,W,083345,A*3F
\$GPRMC,083345,A,3452.3684,N,07438.7899,W,4.4,233.4,060414,11.9,W*49
\$GPVTG,233.4,T,245.3,M,4.4,N,8.1,K*41
\$GPZDA,083345,06,04,2014,00,00*44
\$GPGBS,083345,,,,,,,,*48
\$GPGGA,083346,3452.3680,N,07438.7911,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,232.4,T*28

PORT 4 04-06-2014 08:34:37
\$HEHDT,232.6,T*2A
\$GPGLL,3452.3680,N,07438.7911,W,083346,A*39
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\$GPVTG,234.4,T,246.3,M,4.3,N,8.0,K*43
\$GPZDA,083346,06,04,2014,00,00*47
\$GPGBS,083346,,,,,,,,*4B
\$GPGGA,083347,3452.3673,N,07438.7924,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,232.8,T*24

PORT 4 04-06-2014 08:34:38
\$GPGLL,3452.3673,N,07438.7924,W,083347,A*32
\$HEHDT,232.5,T*29
\$GPRMC,083347,A,3452.3673,N,07438.7924,W,4.3,236.3,060414,11.9,W*41
\$GPVTG,236.3,T,248.2,M,4.3,N,8.0,K*49
\$GPZDA,083347,06,04,2014,00,00*46
\$GPGBS,083347,,,,,,,,*4A
\$GPGGA,083348,3452.3665,N,07438.7935,W,2,9,0.3,9,M,,M,,*62
\$HEHDT,232.7,T*2B
\$GPGLL,3452.3665,N,07438.7935,W,083348,A*3A
\$GPRMC,083348,A,3452.3665,N,07438.7935,W,4.3,235.0,060414,11.9,W*49
\$GPVTG,235.0,T,246.9,M,4.3,N,8.0,K*4C
\$HEHDT,233.0,T*2D
\$GPZDA,083348,06,04,2014,00,00*49
\$GPGBS,083348,,,,,,,,*45
\$GPGGA,083349,3452.3655,N,07438.7943,W,2,9,0.3,9,M,,M,,*61

PORT 4 04-06-2014 08:34:39
\$HEHDT,232.8,T*24
\$GPGLL,3452.3655,N,07438.7943,W,083349,A*39
\$GPRMC,083349,A,3452.3655,N,07438.7943,W,4.3,235.0,060414,11.9,W*4A
\$GPVTG,235.0,T,246.9,M,4.3,N,8.0,K*4C
\$GPZDA,083349,06,04,2014,00,00*48
\$HEHDT,233.2,T*2F
\$GPGBS,083349,,,,,,,,*44
\$GPGGA,083350,3452.3647,N,07438.7954,W,2,9,0.3,9,M,,M,,*6C

PORT 4 04-06-2014 08:34:40
\$HEHDT,233.0,T*2D
\$GPGLL,3452.3647,N,07438.7954,W,083350,A*34
\$GPRMC,083350,A,3452.3647,N,07438.7954,W,4.3,232.7,060414,11.9,W*47
\$GPVTG,232.7,T,244.6,M,4.3,N,8.0,K*41
\$GPZDA,083350,06,04,2014,00,00*40
\$GPGBS,083350,,,,,,,,*4C
\$GPGGA,083351,3452.3640,N,07438.7968,W,2,9,0.3,9,M,,M,,*65
\$HEHDT,233.1,T*2C

PORT 4 04-06-2014 08:34:41
\$GPGLL,3452.3640,N,07438.7968,W,083351,A*3D
\$HEHDT,233.0,T*2D

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\$GPRMC,083351,A,3452.3640,N,07438.7968,W,4.3,231.1,060414,11.9,w*4B
\$GPVTG,231.1,T,243.0,M,4.3,N,8.0,K*45
\$GPZDA,083351,06,04,2014,00,00*41
\$GPGBS,083351,,,,,,,,*4D
\$GPGGA,083352,3452.3633,N,07438.7982,W,2,9,0.3,9,M,,M,,*66
\$HEHDT,233.1,T*2C

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PORT 4 04-06-2014 08:34:42
\$GPGLL,3452.3633,N,07438.7982,W,083352,A*3E
\$GPRMC,083352,A,3452.3633,N,07438.7982,W,4.4,231.5,060414,11.9,w*4B
\$HEHDT,232.8,T*24
\$GPVTG,231.5,T,243.4,M,4.4,N,8.1,K*43
\$GPZDA,083352,06,04,2014,00,00*42
\$GPGBS,083352,,,,,,,,*4E
\$GPGGA,083353,3452.3626,N,07438.7997,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,232.8,T*24

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PORT 4 04-06-2014 08:34:43
\$GPGLL,3452.3626,N,07438.7997,W,083353,A*3F
\$GPRMC,083353,A,3452.3626,N,07438.7997,W,4.5,233.4,060414,11.9,w*48
\$HEHDT,233.1,T*2C
\$GPVTG,233.4,T,245.3,M,4.5,N,8.3,K*42
\$GPZDA,083353,06,04,2014,00,00*43
\$GPGBS,083353,,,,,,,,*4F
\$GPGGA,083354,3452.3619,N,07438.8008,W,2,9,0.3,9,M,,M,,*6C
PORT 12000 04-06-2014 08:34:43
\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:34:44
\$HEHDT,232.7,T*2B
\$GPGLL,3452.3619,N,07438.8008,W,083354,A*34
\$GPRMC,083354,A,3452.3619,N,07438.8008,W,4.5,234.9,060414,11.9,w*49
\$GPVTG,234.9,T,246.8,M,4.5,N,8.3,K*40
\$GPZDA,083354,06,04,2014,00,00*44
\$HEHDT,232.9,T*25
\$GPGBS,083354,,,,,,,,*48
\$GPGGA,083355,3452.3612,N,07438.8019,W,2,9,0.3,9,M,,M,,*66

#

PORT 4 04-06-2014 08:34:45
\$HEHDT,232.7,T*2B
\$GPGLL,3452.3612,N,07438.8019,W,083355,A*3E
\$GPRMC,083355,A,3452.3612,N,07438.8019,W,4.5,235.3,060414,11.9,w*48
\$GPVTG,235.3,T,247.2,M,4.5,N,8.3,K*40
\$GPZDA,083355,06,04,2014,00,00*45
\$GPGBS,083355,,,,,,,,*49
\$GPGGA,083356,3452.3605,N,07438.8031,W,2,9,0.3,9,M,,M,,*69
\$HEHDT,233.0,T*2D

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PORT 4 04-06-2014 08:34:47
\$HEHDT,233.0,T*2D
\$GPGLL,3452.3605,N,07438.8031,W,083356,A*31
\$GPRMC,083356,A,3452.3605,N,07438.8031,W,4.4,235.3,060414,11.9,w*46
\$GPVTG,235.3,T,247.2,M,4.4,N,8.1,K*43
\$GPZDA,083356,06,04,2014,00,00*46
\$HEHDT,232.7,T*2B
\$GPGBS,083356,,,,,,,,*4A
\$GPGGA,083357,3452.3602,N,07438.8044,W,2,9,0.3,9,M,,M,,*6D

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PORT 4 04-06-2014 08:34:48
\$HEHDT,233.0,T*2D
\$GPGLL,3452.3602,N,07438.8044,W,083357,A*35
\$GPRMC,083357,A,3452.3602,N,07438.8044,W,4.4,235.3,060414,11.9,w*42
\$GPVTG,235.3,T,247.2,M,4.4,N,8.1,K*43

S01_C04_survey.Log

\$GPZDA,083357,06,04,2014,00,00*47
\$GPGBS,083357,008.0,002.4,005.6,26,0.05,0025.5,012.5*43
\$GPGGA,083358,3452.3597,N,07438.8058,W,2,9,0.3,9,M,,M,,*60
\$HEHDT,232.1,T*2D

PORT 4 04-06-2014 08:34:49
\$HEHDT,232.6,T*2A
\$GPGLL,3452.3597,N,07438.8058,W,083358,A*38
\$GPRMC,083358,A,3452.3597,N,07438.8058,W,4.3,235.3,060414,11.9,W*48
\$GPVTG,235.3,T,247.2,M,4.3,N,8.0,K*45
\$GPZDA,083358,06,04,2014,00,00*48
\$GPGBS,083358,,,,,,*44
\$GPGGA,083359,3452.3591,N,07438.8069,W,2,9,0.3,9,M,,M,,*65
\$HEHDT,232.7,T*2B

PORT 4 04-06-2014 08:34:50
\$GPGLL,3452.3591,N,07438.8069,W,083359,A*3D
\$GPRMC,083359,A,3452.3591,N,07438.8069,W,4.3,235.3,060414,11.9,W*4D
\$HEHDT,232.7,T*2B
\$GPVTG,235.3,T,247.2,M,4.3,N,8.0,K*45
\$GPZDA,083359,06,04,2014,00,00*49
\$GPGBS,083359,006.1,001.9,003.7,26,0.05,0013.2,012.5*49
\$GPGGA,083400,3452.3586,N,07438.8080,W,2,9,0.3,9,M,,M,,*6F
\$HEHDT,233.5,T*28

PORT 4 04-06-2014 08:34:51
\$GPGLL,3452.3586,N,07438.8080,W,083400,A*37
\$GPRMC,083400,A,3452.3586,N,07438.8080,W,4.3,234.4,060414,11.9,W*41
\$GPVTG,234.4,T,246.3,M,4.3,N,8.0,K*43
\$HEHDT,233.2,T*2F
\$GPZDA,083400,06,04,2014,00,00*42
\$GPGBS,083400,,,,,,*4E
\$GPGGA,083401,3452.3579,N,07438.8092,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,233.9,T*24
\$GPGLL,3452.3579,N,07438.8092,W,083401,A*35
\$GPRMC,083401,A,3452.3579,N,07438.8092,W,4.3,234.0,060414,11.9,W*47
\$GPVTG,234.0,T,245.9,M,4.3,N,8.0,K*4E
\$GPZDA,083401,06,04,2014,00,00*43
\$GPGBS,083401,,,,,,*4F
\$HEHDT,233.7,T*2A
\$GPGGA,083402,3452.3572,N,07438.8105,W,2,9,0.3,9,M,,M,,*6A

PORT 4 04-06-2014 08:34:52
\$HEHDT,234.1,T*2B
\$GPGLL,3452.3572,N,07438.8105,W,083402,A*32
\$GPRMC,083402,A,3452.3572,N,07438.8105,W,4.3,234.2,060414,11.9,W*42
\$GPVTG,234.2,T,246.1,M,4.3,N,8.0,K*47
\$GPZDA,083402,06,04,2014,00,00*40
\$GPGBS,083402,,,,,,*4C
\$GPGGA,083403,3452.3565,N,07438.8120,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,234.2,T*28

PORT 4 04-06-2014 08:34:53
\$GPGLL,3452.3565,N,07438.8120,W,083403,A*32
\$HEHDT,234.2,T*28
\$GPRMC,083403,A,3452.3565,N,07438.8120,W,4.4,234.8,060414,11.9,W*4F
\$GPVTG,234.8,T,246.7,M,4.4,N,8.1,K*4D
\$GPZDA,083403,06,04,2014,00,00*41
\$GPGBS,083403,,,,,,*4D
\$GPGGA,083404,3452.3558,N,07438.8132,W,2,9,0.3,9,M,,M,,*60
\$HEHDT,234.2,T*28
PORT 12000 04-06-2014 08:34:53
\$PPWBA,d2pc15,192.168.2.151,Online

S01_C04_survey.Log

PORT 4 04-06-2014 08:34:55
\$GPGLL,3452.3558,N,07438.8132,W,083404,A*38
\$GPRMC,083404,A,3452.3558,N,07438.8132,W,4.5,235.2,060414,11.9,W*4F
\$HEHDT,234.0,T*2A
\$GPVTG,235.2,T,247.1,M,4.5,N,8.3,K*42
\$GPZDA,083404,06,04,2014,00,00*46
\$GPGBS,083404,,,,,,,,*4A
\$GPGGA,083405,3452.3549,N,07438.8145,W,2,9,0.3,9,M,,M,,*61

PORT 4 04-06-2014 08:34:56
\$HEHDT,233.7,T*2A
\$GPGLL,3452.3549,N,07438.8145,W,083405,A*39
\$GPRMC,083405,A,3452.3549,N,07438.8145,W,4.5,234.9,060414,11.9,W*44
\$GPVTG,234.9,T,246.8,M,4.5,N,8.3,K*40
\$HEHDT,233.4,T*29
\$GPZDA,083405,06,04,2014,00,00*47
\$GPGBS,083405,,,,,,,,*4B
\$GPGGA,083406,3452.3543,N,07438.8156,W,2,8,0.3,9,M,,M,,*6B

PORT 4 04-06-2014 08:34:57
\$HEHDT,232.8,T*24
\$GPGLL,3452.3543,N,07438.8156,W,083406,A*32
\$GPRMC,083406,A,3452.3543,N,07438.8156,W,4.4,234.8,060414,11.9,W*4F
\$GPVTG,234.8,T,246.7,M,4.4,N,8.1,K*4D
\$GPZDA,083406,06,04,2014,00,00*44
\$GPGBS,083406,,,,,,,,*48
\$HEHDT,233.1,T*2C
\$GPGGA,083407,3452.3537,N,07438.8170,W,2,8,0.3,9,M,,M,,*6D

PORT 4 04-06-2014 08:34:58
\$HEHDT,233.3,T*2E
\$GPGLL,3452.3537,N,07438.8170,W,083407,A*34
\$GPRMC,083407,A,3452.3537,N,07438.8170,W,4.4,235.6,060414,11.9,W*46
\$GPVTG,235.6,T,247.5,M,4.4,N,8.1,K*41
\$GPZDA,083407,06,04,2014,00,00*45
\$GPGBS,083407,,,,,,,,*49
\$GPGGA,083408,3452.3532,N,07438.8184,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,233.0,T*2D

PORT 4 04-06-2014 08:34:59
\$GPGLL,3452.3532,N,07438.8184,W,083408,A*35
\$HEHDT,233.3,T*2E
\$GPRMC,083408,A,3452.3532,N,07438.8184,W,4.4,236.3,060414,11.9,W*41
\$GPVTG,236.3,T,248.2,M,4.4,N,8.1,K*4F
\$GPZDA,083408,06,04,2014,00,00*4A
\$GPGBS,083408,,,,,,,,*46
\$GPGGA,083409,3452.3526,N,07438.8195,W,2,9,0.3,9,M,,M,,*69
\$HEHDT,233.7,T*2A

PORT 4 04-06-2014 08:35:00
\$GPGLL,3452.3526,N,07438.8195,W,083409,A*31
\$GPRMC,083409,A,3452.3526,N,07438.8195,W,4.4,236.8,060414,11.9,W*4E
\$HEHDT,233.8,T*25
\$GPVTG,236.8,T,248.7,M,4.4,N,8.1,K*41
\$GPZDA,083409,06,04,2014,00,00*4B
\$GPGBS,083409,,,,,,,,*47
\$GPGGA,083410,3452.3518,N,07438.8207,W,2,9,0.3,9,M,,M,,*64
\$HEHDT,234.0,T*2A

PORT 4 04-06-2014 08:35:01
\$GPGLL,3452.3518,N,07438.8207,W,083410,A*3C
\$GPRMC,083410,A,3452.3518,N,07438.8207,W,4.4,237.2,060414,11.9,W*48

S01_C04_survey.Log

\$GPVTG,237.2,T,249.1,M,4.4,N,8.1,K*4D
\$HEHDT,234.3,T*29
\$GPZDA,083410,06,04,2014,00,00*43
\$GPGBS,083410,,,,,,,,*4F
\$GPGGA,083411,3452.3510,N,07438.8218,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,233.7,T*2A

PORT 4 04-06-2014 08:35:02
\$GPGLL,3452.3510,N,07438.8218,W,083411,A*3B
\$GPRMC,083411,A,3452.3510,N,07438.8218,W,4.4,236.5,060414,11.9,w*49
\$GPVTG,236.5,T,248.4,M,4.4,N,8.1,K*4F
\$GPZDA,083411,06,04,2014,00,00*42
\$HEHDT,233.9,T*24
\$GPGBS,083411,,,,,,,,*4E
\$GPGGA,083412,3452.3500,N,07438.8229,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,233.6,T*2B

PORT 5 04-06-2014 08:35:04
IN
PORT 4 04-06-2014 08:35:04
\$GPGLL,3452.3510,N,07438.8218,W,083411,A*3B
\$GPRMC,083411,A,3452.3510,N,07438.8218,W,4.4,236.5,060414,11.9,w*49
\$GPVTG,236.5,T,248.4,M,4.4,N,8.1,K*4F
\$GPZDA,083411,06,04,2014,00,00*42
\$HEHDT,233.9,T*24
\$GPGBS,083411,,,,,,,,*4E
\$GPGGA,083412,3452.3500,N,07438.8229,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,233.6,T*2B
\$GPGLL,3452.3500,N,07438.8229,W,083412,A*3B
\$GPRMC,083412,A,3452.3500,N,07438.8229,W,4.4,235.0,060414,11.9,w*4F
\$GPVTG,235.0,T,246.9,M,4.4,N,8.1,K*4A
\$GPZDA,083412,06,04,2014,00,00*41
\$GPGBS,083412,,,,,,,,*4D
\$GPGGA,083413,3452.3493,N,07438.8240,W,2,9,0.3,9,M,,M,,*66
\$HEHDT,233.8,T*25
\$GPGLL,3452.3493,N,07438.8240,W,083413,A*3E
\$HEHDT,233.8,T*25
\$GPRMC,083413,A,3452.3493,N,07438.8240,W,4.4,234.2,060414,11.9,w*49
\$GPVTG,234.2,T,246.1,M,4.4,N,8.1,K*41
\$GPZDA,083413,06,04,2014,00,00*40
\$GPGBS,083413,,,,,,,,*4C
\$GPGGA,083414,3452.3486,N,07438.8253,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,233.7,T*2A
PORT 12000 04-06-2014 08:35:04
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:35:05
\$GPGLL,3452.3486,N,07438.8253,W,083414,A*3F
\$GPRMC,083414,A,3452.3486,N,07438.8253,W,4.4,234.5,060414,11.9,w*4F
\$HEHDT,234.1,T*2B
\$GPVTG,234.5,T,246.4,M,4.4,N,8.1,K*43
\$GPZDA,083414,06,04,2014,00,00*47
\$GPGBS,083414,,,,,,,,*4B
\$GPGGA,083415,3452.3481,N,07438.8266,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,233.5,T*28

PORT 4 04-06-2014 08:35:06
\$GPGLL,3452.3481,N,07438.8266,W,083415,A*3F
\$GPRMC,083415,A,3452.3481,N,07438.8266,W,4.4,236.2,060414,11.9,w*4A
\$GPVTG,236.2,T,248.1,M,4.4,N,8.1,K*4D
\$HEHDT,234.0,T*2A
\$GPZDA,083415,06,04,2014,00,00*46
\$GPGBS,083415,,,,,,,,*4A

S01_C04_survey.Log

\$GPGGA,083416,3452.3474,N,07438.8280,W,2,9,0.3,9,M,,M,,*66
\$HEHDT,234.2,T*28

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PORT 5 04-06-2014 08:35:07
04174 mS

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PORT 4 04-06-2014 08:35:07

\$GPGLL,3452.3474,N,07438.8280,W,083416,A*3E
\$GPRMC,083416,A,3452.3474,N,07438.8280,W,4.5,237.1,060414,11.9,W*48
\$GPVTG,237.1,T,249.0,M,4.5,N,8.3,K*4C
\$GPZDA,083416,06,04,2014,00,00*45

\$HEHDT,234.4,T*2E

\$GPGBS,083416,,,,,,*49

\$GPGGA,083417,3452.3466,N,07438.8293,W,2,9,0.3,9,M,,M,,*66

\$HEHDT,234.5,T*2F

\$GPGLL,3452.3466,N,0

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PORT 4 04-06-2014 08:35:08

\$GPGLL,3452.3474,N,07438.8280,W,083416,A*3E
\$GPRMC,083416,A,3452.3474,N,07438.8280,W,4.5,237.1,060414,11.9,W*48
\$GPVTG,237.1,T,249.0,M,4.5,N,8.3,K*4C
\$GPZDA,083416,06,04,2014,00,00*45

\$HEHDT,234.4,T*2E

\$GPGBS,083416,,,,,,*49

\$GPGGA,083417,3452.3466,N,07438.8293,W,2,9,0.3,9,M,,M,,*66

\$HEHDT,234.5,T*2F

\$GPGLL,3452.3466,N,07438.8293,W,083417,A*3E

\$GPRMC,083417,A,3452.3466,N,07438.8293,W,4.5,236.9,060414,11.9,W*41

\$GPVTG,236.9,T,248.8,M,4.5,N,8.3,K*4C

\$GPZDA,083417,06,04,2014,00,00*44

\$GPGBS,083417,,,,,,*48

\$GPGGA,083418,3452.3458,N,07438.8305,W,2,9,0.3,9,M,,M,,*6A

\$HEHDT,235.1,T*2A

\$GPGLL,3452.3458,N,07438.8305,W,083418,A*32

\$HEHDT,234.4,T*2E

\$GPRMC,083418,A,3452.3458,N,07438.8305,W,4.5,236.2,060414,11.9,W*46

\$GPVTG,236.2,T,248.1,M,4.5,N,8.3,K*4E

\$GPZDA,083418,06,04,2014,00,00*4B

\$GPGBS,083418,,,,,,*47

\$GPGGA,083419,3452.3449,N,07438.8318,W,2,9,0.3,9,M,,M,,*67

\$HEHDT,234.9,T*23

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PORT 4 04-06-2014 08:35:09

\$GPGLL,3452.3449,N,07438.8318,W,083419,A*3F
\$GPRMC,083419,A,3452.3449,N,07438.8318,W,4.5,235.6,060414,11.9,W*4C
\$HEHDT,234.4,T*2E

\$GPVTG,235.6,T,247.5,M,4.5,N,8.3,K*42

\$GPZDA,083419,06,04,2014,00,00*4A

\$GPGBS,083419,,,,,,*46

\$GPGGA,083420,3452.3441,N,07438.8329,W,2,8,0.3,9,M,,M,,*66

\$HEHDT,234.5,T*2F

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PORT 4 04-06-2014 08:35:10

\$GPGLL,3452.3441,N,07438.8329,W,083420,A*3F
\$GPRMC,083420,A,3452.3441,N,07438.8329,W,4.5,235.6,060414,11.9,W*4C
\$GPVTG,235.6,T,247.5,M,4.5,N,8.3,K*42

\$HEHDT,234.2,T*28

\$GPZDA,083420,06,04,2014,00,00*40

\$GPGBS,083420,,,,,,*4C

\$GPGGA,083421,3452.3434,N,07438.8344,W,2,8,0.3,9,M,,M,,*6E

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PORT 4 04-06-2014 08:35:12

\$HEHDT,233.7,T*2A

S01_C04_survey.Log

\$GPGLL,3452.3434,N,07438.8344,W,083421,A*37
\$GPRMC,083421,A,3452.3434,N,07438.8344,W,4.5,236.1,060414,11.9,w*40
\$HEHDT,233.5,T*28
\$GPVTG,236.1,T,248.0,M,4.5,N,8.3,K*4C
\$GPZDA,083421,06,04,2014,00,00*41
\$GPGBS,083421,,,,,,,,*4D
\$GPGGA,083422,3452.3429,N,07438.8358,W,2,8,0.3,9,M,,M,,*6C
\$HEHDT,233.5,T*28

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PORT 4 04-06-2014 08:35:14

\$GPGLL,3452.3429,N,07438.8358,W,083422,A*35
\$GPRMC,083422,A,3452.3429,N,07438.8358,W,4.5,236.1,060414,11.9,w*42
\$GPVTG,236.1,T,248.0,M,4.5,N,8.3,K*4C
\$GPZDA,083422,06,04,2014,00,00*42
\$HEHDT,232.8,T*24
\$GPGBS,083422,007.1,002.6,005.2,26,0.05,0021.1,012.5*4E
\$GPGGA,083423,3452.3425,N,07438.8370,W,2,8,0.3,9,M,,M,,*6B
\$HEHDT,233.3,T*2E
\$GPGLL,3452.3425,N,07438.8370,W,083423,A*32
\$GPRMC,083423,A,3452.3425,N,07438.8370,W,4.5,236.6,060414,11.9,w*42
\$GPVTG,236.6,T,248.5,M,4.5,N,8.3,K*4E
\$GPZDA,083423,06,04,2014,00,00*43
\$GPGBS,083423,006.4,001.5,004.4,26,0.05,0017.4,012.5*4C
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PORT 4 04-06-2014 08:35:15

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\$HEHDT,234.1,T*2B
\$GPVTG,236.9,T,248.8,M,4.4,N,8.1,K*4F
\$GPZDA,083424,06,04,2014,00,00*44
\$GPGBS,083424,,,,,,,,*48
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\$HEHDT,234.6,T*2C

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PORT 4 04-06-2014 08:35:16

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\$HEHDT,234.3,T*29
\$GPVTG,236.2,T,248.1,M,4.4,N,8.1,K*4D
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\$HEHDT,234.8,T*22

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PORT 4 04-06-2014 08:35:17

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\$GPVTG,235.7,T,247.6,M,4.4,N,8.1,K*43
\$HEHDT,235.1,T*2A
\$GPZDA,083426,06,04,2014,00,00*46
\$GPGBS,083426,,,,,,,,*4A
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PORT 4 04-06-2014 08:35:18

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\$GPVTG,235.7,T,247.6,M,4.4,N,8.1,K*43
\$GPZDA,083427,06,04,2014,00,00*47

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$HEHDT,234.3,T*29
$GPVTG,236.5,T,248.4,M,4.5,N,8.3,K*4C
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$GPZDA,083430,06,04,2014,00,00*41
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PORT 4 04-06-2014 08:35:22
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$HEHDT,234.2,T*28
$GPVTG,236.2,T,248.1,M,4.5,N,8.3,K*4E
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PORT 4 04-06-2014 08:35:24
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\$GPVTG,236.3,T,248.2,M,4.5,N,8.3,K*4C

\$GPZDA,083434,06,04,2014,00,00*45

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\$HEHDT,234.6,T*2C

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PORT 4 04-06-2014 08:35:26

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\$GPVTG,236.3,T,248.2,M,4.5,N,8.3,K*4C

\$GPZDA,083435,06,04,2014,00,00*44

\$GPGBS,083435,,,,,,,,*48

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\$HEHDT,234.1,T*2B

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PORT 4 04-06-2014 08:35:27

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\$GPRMC,083436,A,3452.3331,N,07438.8533,W,4.5,236.6,060414,11.9,w*45

\$HEHDT,234.5,T*2F

\$GPVTG,236.6,T,248.5,M,4.5,N,8.3,K*4E

\$GPZDA,083436,06,04,2014,00,00*47

\$GPGBS,083436,,,,,,,,*4B

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\$HEHDT,234.6,T*2C

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PORT 4 04-06-2014 08:35:28

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\$GPRMC,083437,A,3452.3324,N,07438.8546,W,4.5,236.8,060414,11.9,w*4C

\$GPVTG,236.8,T,248.7,M,4.5,N,8.3,K*42

\$HEHDT,234.6,T*2C

\$GPZDA,083437,06,04,2014,00,00*46

\$GPGBS,083437,,,,,,,,*4A

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PORT 4 04-06-2014 08:35:30

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\$GPVTG,236.4,T,248.3,M,4.5,N,8.3,K*4A

\$GPZDA,083438,06,04,2014,00,00*49

\$GPGBS,083438,,,,,,,,*45

\$HEHDT,234.4,T*2E

\$GPGBA,083439,3452.3311,N,07438.8571,W,2,9,0.3,9,M,,M,,*66

\$HEHDT,234.9,T*23

\$GPGLL,3452.3311,N,07438.8571,W,083439,A*3E

\$GPRMC,083439,A,3452.3311,N,07438.8571,W,4.5,235.6,060414,11.9,w*4D

\$GPVTG,235.6,T,247.5,M,4.5,N,8.3,K*42

\$GPZDA,083439,06,04,2014,00,00*48

\$GPGBS,083439,,,,,,,,*44

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\$HEHDT,234.5,T*2F

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PORT 4 04-06-2014 08:35:31

\$GPGLL,3452.3304,N,07438.8583,W,083440,A*39

\$HEHDT,234.9,T*23

\$GPRMC,083440,A,3452.3304,N,07438.8583,W,4.5,235.9,060414,11.9,w*45

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\$GPVTG,235.9,T,247.8,M,4.5,N,8.3,K*40
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PORT 4 04-06-2014 08:35:32
\$GPGLL,3452.3298,N,07438.8597,W,083441,A*39
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\$HEHDT,235.0,T*2B
\$GPVTG,235.9,T,247.8,M,4.5,N,8.3,K*40
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PORT 4 04-06-2014 08:35:33
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\$GPVTG,237.5,T,249.4,M,4.5,N,8.3,K*4C
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PORT 4 04-06-2014 08:35:34
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PORT 4 04-06-2014 08:35:36
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\$GPVTG,236.9,T,248.8,M,4.5,N,8.3,K*4C
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\$HEHDT,235.9,T*22

PORT 4 04-06-2014 08:35:37
\$GPGLL,3452.3264,N,07438.8663,W,083446,A*35
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\$HEHDT,236.2,T*2A
\$GPVTG,236.7,T,248.6,M,4.5,N,8.3,K*4C
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PORT 4 04-06-2014 08:35:38
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\$HEHDT,235.9,T*22
\$GPVTG,236.8,T,248.7,M,4.6,N,8.5,K*47
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PORT 4 04-06-2014 08:35:39
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PORT 4 04-06-2014 08:35:41
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\$HEHDT,234.7,T*2D
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\$GPGBS,083450,,,,,,,,*4B
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PORT 4 04-06-2014 08:35:42
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\$GPRMC,083451,A,3452.3232,N,07438.8727,W,4.5,237.9,060414,11.9,W*4F
\$GPVTG,237.9,T,249.8,M,4.5,N,8.3,K*4C
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\$HEHDT,235.8,T*23

PORT 4 04-06-2014 08:35:43
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\$HEHDT,235.6,T*2D
\$GPVTG,237.9,T,249.8,M,4.5,N,8.3,K*4C
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PORT 4 04-06-2014 08:35:44
\$GPGLL,3452.3221,N,07438.8752,W,083453,A*33

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\$GPVTG,239.1,T,251.0,M,4.4,N,8.1,K*48
\$GPZDA,083453,06,04,2014,00,00*44
\$HEHDT,235.5,T*2E
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PORT 4 04-06-2014 08:35:45
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\$GPVTG,239.9,T,251.8,M,4.4,N,8.1,K*48
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\$GPGBS,083454,,,,,,,,*4F
\$HEHDT,236.0,T*28
\$GPGBS,083455,3452.3207,N,07438.8778,W,2,9,0.3,9,M,,M,,*61

PORT 4 04-06-2014 08:35:46
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\$GPVTG,240.1,T,252.0,M,4.4,N,8.1,K*45
\$GPZDA,083455,06,04,2014,00,00*42
\$GPGBS,083455,,,,,,,,*4E
\$GPGBS,083456,3452.3199,N,07438.8792,W,2,9,0.3,9,M,,M,,*62
\$HEHDT,236.0,T*28

PORT 4 04-06-2014 08:35:47
\$GPGLL,3452.3199,N,07438.8792,W,083456,A*3A
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\$HEHDT,235.8,T*23
\$GPVTG,238.8,T,250.7,M,4.5,N,8.3,K*45
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\$GPGBS,083456,,,,,,,,*4D
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\$HEHDT,235.8,T*23

PORT 4 04-06-2014 08:35:48
\$GPGLL,3452.3190,N,07438.8804,W,083457,A*32
\$GPRMC,083457,A,3452.3190,N,07438.8804,W,4.5,237.4,060414,11.9,w*41
\$HEHDT,235.7,T*2C
\$GPVTG,237.4,T,249.3,M,4.5,N,8.3,K*4A
\$GPZDA,083457,06,04,2014,00,00*40
\$GPGBS,083457,,,,,,,,*4C
\$GPGBS,083458,3452.3183,N,07438.8818,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,235.4,T*2F
\$GPGLL,3452.3183,N,07438.8818,W,083458,A*32
\$GPRMC,083458,A,3452.3183,N,07438.8818,W,4.6,236.6,060414,11.9,w*41
\$GPVTG,236.6,T,248.5,M,4.6,N,8.5,K*4B
\$HEHDT,235.8,T*23
\$GPZDA,083458,06,04,2014,00,00*4F
\$GPGBS,083458,,,,,,,,*43
\$GPGBS,083459,3452.3177,N,07438.8832,W,2,9,0.3,9,M,,M,,*68

PORT 4 04-06-2014 08:35:49
\$HEHDT,235.1,T*2A
\$GPGLL,3452.3177,N,07438.8832,W,083459,A*30
\$GPRMC,083459,A,3452.3177,N,07438.8832,W,4.6,236.4,060414,11.9,w*41
\$GPVTG,236.4,T,248.3,M,4.6,N,8.5,K*4F
\$GPZDA,083459,06,04,2014,00,00*4E
\$HEHDT,235.5,T*2E

S01_C04_survey.Log

\$GPGBS,083459,,,,,,,,*42
\$GPGGA,083500,3452.3171,N,07438.8846,W,2,9,0.3,9,M,,M,,*60

PORT 4 04-06-2014 08:35:50
\$HEHDT,235.6,T*2D
\$GPGLL,3452.3171,N,07438.8846,W,083500,A*38
\$GPRMC,083500,A,3452.3171,N,07438.8846,W,4.6,237.2,060414,11.9,W*4E
\$GPVTG,237.2,T,249.1,M,4.6,N,8.5,K*4B
\$GPZDA,083500,06,04,2014,00,00*43
\$GPGBS,083500,,,,,,,,*4F
\$GPGGA,083501,3452.3167,N,07438.8858,W,2,9,0.3,9,M,,M,,*69
\$HEHDT,235.3,T*28

PORT 4 04-06-2014 08:35:51
\$GPGLL,3452.3167,N,07438.8858,W,083501,A*31
\$HEHDT,235.5,T*2E
\$GPRMC,083501,A,3452.3167,N,07438.8858,W,4.5,238.3,060414,11.9,W*4A
\$GPVTG,238.3,T,250.2,M,4.5,N,8.3,K*4B
\$GPZDA,083501,06,04,2014,00,00*42
\$GPGBS,083501,,,,,,,,*4E
\$GPGGA,083502,3452.3159,N,07438.8871,W,2,9,0.3,9,M,,M,,*6C
\$HEHDT,235.7,T*2C

PORT 4 04-06-2014 08:35:53
\$GPGLL,3452.3159,N,07438.8871,W,083502,A*34
\$GPRMC,083502,A,3452.3159,N,07438.8871,W,4.5,239.2,060414,11.9,W*4F
\$HEHDT,235.4,T*2F
\$GPVTG,239.2,T,251.1,M,4.5,N,8.3,K*49
\$GPZDA,083502,06,04,2014,00,00*41
\$GPGBS,083502,,,,,,,,*4D
\$GPGGA,083503,3452.3152,N,07438.8885,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,235.7,T*2C

PORT 4 04-06-2014 08:35:54
\$GPGLL,3452.3152,N,07438.8885,W,083503,A*35
\$GPRMC,083503,A,3452.3152,N,07438.8885,W,4.5,239.2,060414,11.9,W*4E
\$GPVTG,239.2,T,251.1,M,4.5,N,8.3,K*49
\$HEHDT,236.0,T*28
\$GPZDA,083503,06,04,2014,00,00*40
\$GPGBS,083503,,,,,,,,*4C
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PORT 12000 04-06-2014 08:35:54
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PORT 5 04-06-2014 08:35:56
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PORT 4 04-06-2014 08:35:56
\$GPGLL,3452.3152,N,07438.8885,W,083503,A*35
\$GPRMC,083503,A,3452.3152,N,07438.8885,W,4.5,239.2,060414,11.9,W*4E
\$GPVTG,239.2,T,251.1,M,4.5,N,8.3,K*49
\$HEHDT,236.0,T*28
\$GPZDA,083503,06,04,2014,00,00*40
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\$GPGGA,083504,3452.3145,N,07438.8896,W,2,9,0.3,9,M,,M,,*6E
\$HEHDT,235.4,T*2F
\$GPGLL,3452.3145,N,07438.8896,W,083504,A*36
\$GPRMC,083504,A,3452.3145,N,07438.8896,W,4.5,238.3,060414,11.9,W*4D
\$GPVTG,238.3,T,250.2,M,4.5,N,8.3,K*4B
\$GPZDA,083504,06,04,2014,00,00*47
\$GPGBS,083504,,,,,,,,*4B
\$HEHDT,235.4,T*2F
\$GPGGA,083505,3452.3138,N,07438.8907,W,2,9,0.3,9,M,,M,,*6C

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\$HEHDT,235.0,T*2B
\$GPGLL,3452.3138,N,07438.8907,W,083505,A*34
\$GPRMC,083505,A,3452.3138,N,07438.8907,W,4.4,237.3,060414,11.9,W*41
\$GPVTG,237.3,T,249.2,M,4.4,N,8.1,K*4F
\$GPZDA,083505,06,04,2014,00,00*46
\$GPGBS,083505,,,,,,,,*4A
\$GPGGA,083506,3452.3132,N,07438.8922,W,2,9,0.3,9,M,,M,,*62
\$HEHDT,234.9,T*23

PORT 4 04-06-2014 08:35:57
\$GPGLL,3452.3132,N,07438.8922,W,083506,A*3A
\$HEHDT,234.3,T*29
\$GPRMC,083506,A,3452.3132,N,07438.8922,W,4.4,237.3,060414,11.9,W*4F
\$GPVTG,237.3,T,249.2,M,4.4,N,8.1,K*4F
\$GPZDA,083506,06,04,2014,00,00*45
\$GPGBS,083506,,,,,,,,*49
\$GPGGA,083507,3452.3125,N,07438.8936,W,2,9,0.3,9,M,,M,,*60
\$HEHDT,234.8,T*22

PORT 4 04-06-2014 08:35:58
\$GPGLL,3452.3125,N,07438.8936,W,083507,A*38
\$GPRMC,083507,A,3452.3125,N,07438.8936,W,4.4,238.1,060414,11.9,W*40
\$HEHDT,235.5,T*2E
\$GPVTG,238.1,T,250.0,M,4.4,N,8.1,K*48
\$GPZDA,083507,06,04,2014,00,00*44
\$GPGBS,083507,,,,,,,,*48
\$GPGGA,083508,3452.3117,N,07438.8948,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,235.3,T*28

PORT 5 04-06-2014 08:35:59
04202 ms
*
PORT 4 04-06-2014 08:35:59
\$GPGLL,3452.3117,N,07438.8948,W,083508,A*3F
\$GPRMC,083508,A,3452.3117,N,07438.8948,W,4.5,238.6,060414,11.9,W*41
\$GPVTG,238.6,T,250.5,M,4.5,N,8.3,K*49
\$HEHDT,236.0,T*28
\$GPZDA,083508,06,04,2014,00,00*4B
\$GPGBS,083508,,,,,,,,*47
\$GPGGA,083509,3452.3109,N,07438.8961,W,2,9,0.3,9,M,,M,,*62
\$HEHDT,236.3,T*2B
\$GPG

PORT 4 04-06-2014 08:36:00
\$GPGLL,3452.3117,N,07438.8948,W,083508,A*3F
\$GPRMC,083508,A,3452.3117,N,07438.8948,W,4.5,238.6,060414,11.9,W*41
\$GPVTG,238.6,T,250.5,M,4.5,N,8.3,K*49
\$HEHDT,236.0,T*28
\$GPZDA,083508,06,04,2014,00,00*4B
\$GPGBS,083508,,,,,,,,*47
\$GPGGA,083509,3452.3109,N,07438.8961,W,2,9,0.3,9,M,,M,,*62
\$HEHDT,236.3,T*2B
\$GPGLL,3452.3109,N,07438.8961,W,083509,A*3A
\$GPRMC,083509,A,3452.3109,N,07438.8961,W,4.5,238.1,060414,11.9,W*43
\$GPVTG,238.1,T,250.0,M,4.5,N,8.3,K*4B
\$GPZDA,083509,06,04,2014,00,00*4A
\$HEHDT,236.0,T*28
\$GPGBS,083509,,,,,,,,*46
\$GPGGA,083510,3452.3102,N,07438.8972,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,236.5,T*2D
\$GPGLL,3452.3102,N,07438.8972,W,083510,A*3B
\$GPRMC,083510,A,3452.3102,N,07438.8972,W,4.5,237.1,060414,11.9,W*4D
\$GPVTG,237.1,T,249.0,M,4.5,N,8.3,K*4C

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\$GPZDA,083510,06,04,2014,00,00*42
\$GPGBS,083510,,,,,,,,*4E
\$GPGGA,083511,3452.3095,N,07438.8986,W,2,9,0.3,9,M,,M,,*66
\$HEHDT,235.8,T*23

PORT 4 04-06-2014 08:36:01
\$GPGLL,3452.3095,N,07438.8986,W,083511,A*3E
\$HEHDT,235.9,T*22
\$GPRMC,083511,A,3452.3095,N,07438.8986,W,4.5,236.3,060414,11.9,W*4B
\$GPVTG,236.3,T,248.2,M,4.5,N,8.3,K*4C
\$GPZDA,083511,06,04,2014,00,00*43
\$GPGBS,083511,,,,,,,,*4F
\$GPGGA,083512,3452.3091,N,07438.9001,W,2,9,0.3,9,M,,M,,*66
\$HEHDT,234.8,T*22

PORT 4 04-06-2014 08:36:02
\$GPGLL,3452.3091,N,07438.9001,W,083512,A*3E
\$GPRMC,083512,A,3452.3091,N,07438.9001,W,4.5,236.7,060414,11.9,W*4F
\$HEHDT,234.9,T*23
\$GPVTG,236.7,T,248.6,M,4.5,N,8.3,K*4C
\$GPZDA,083512,06,04,2014,00,00*40
\$GPGBS,083512,,,,,,,,*4C
\$GPGGA,083513,3452.3084,N,07438.9016,W,2,9,0.3,9,M,,M,,*65
\$HEHDT,234.8,T*22

PORT 4 04-06-2014 08:36:03
\$GPGLL,3452.3084,N,07438.9016,W,083513,A*3D
\$GPRMC,083513,A,3452.3084,N,07438.9016,W,4.5,238.2,060414,11.9,W*47
\$HEHDT,234.6,T*2C
\$GPVTG,238.2,T,250.1,M,4.5,N,8.3,K*49
\$GPZDA,083513,06,04,2014,00,00*41
\$GPGBS,083513,,,,,,,,*4D
\$GPGGA,083514,3452.3077,N,07438.9028,W,2,9,0.3,9,M,,M,,*63
PORT 12000 04-06-2014 08:36:03
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:36:05
\$HEHDT,234.5,T*2F
\$GPGLL,3452.3077,N,07438.9028,W,083514,A*3B
\$GPRMC,083514,A,3452.3077,N,07438.9028,W,4.6,239.1,060414,11.9,W*40
\$GPVTG,239.1,T,251.0,M,4.6,N,8.5,K*4E
\$GPZDA,083514,06,04,2014,00,00*46
\$HEHDT,234.6,T*2C
\$GPGBS,083514,,,,,,,,*4A
\$GPGGA,083515,3452.3070,N,07438.9039,W,2,9,0.3,9,M,,M,,*65

PORT 4 04-06-2014 08:36:06
\$HEHDT,235.3,T*28
\$GPGLL,3452.3070,N,07438.9039,W,083515,A*3D
\$GPRMC,083515,A,3452.3070,N,07438.9039,W,4.5,239.3,060414,11.9,W*47
\$GPVTG,239.3,T,251.2,M,4.5,N,8.3,K*4B
\$GPZDA,083515,06,04,2014,00,00*47
\$HEHDT,235.4,T*2F
\$GPGBS,083515,,,,,,,,*4B
\$GPGGA,083516,3452.3063,N,07438.9051,W,2,9,0.3,9,M,,M,,*6A

PORT 4 04-06-2014 08:36:07
\$HEHDT,235.9,T*22
\$GPGLL,3452.3063,N,07438.9051,W,083516,A*32
\$GPRMC,083516,A,3452.3063,N,07438.9051,W,4.5,238.8,060414,11.9,W*42
\$GPVTG,238.8,T,250.7,M,4.5,N,8.3,K*45
\$GPZDA,083516,06,04,2014,00,00*44
\$GPGBS,083516,,,,,,,,*48

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\$GPGGA,083517,3452.3055,N,07438.9062,W,2,9,0.3,9,M,,M,,*6E
\$HEHDT,236.0,T*28

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PORT 4 04-06-2014 08:36:08

\$GPGLL,3452.3055,N,07438.9062,W,083517,A*36
\$HEHDT,236.0,T*28
\$GPRMC,083517,A,3452.3055,N,07438.9062,W,4.4,237.6,060414,11.9,w*46
\$GPVTG,237.6,T,249.5,M,4.4,N,8.1,K*4D
\$GPZDA,083517,06,04,2014,00,00*45
\$GPGBS,083517,,,,,,,,*49
\$GPGGA,083518,3452.3048,N,07438.9074,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,235.3,T*28

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PORT 4 04-06-2014 08:36:09

\$GPGLL,3452.3048,N,07438.9074,W,083518,A*32
\$GPRMC,083518,A,3452.3048,N,07438.9074,W,4.4,236.4,060414,11.9,w*41
\$HEHDT,235.4,T*2F
\$GPVTG,236.4,T,248.3,M,4.4,N,8.1,K*49
\$GPZDA,083518,06,04,2014,00,00*4A
\$GPGBS,083518,,,,,,,,*46
\$GPGGA,083519,3452.3042,N,07438.9088,W,2,9,0.3,9,M,,M,,*62
\$HEHDT,235.5,T*2E

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PORT 4 04-06-2014 08:36:10

\$GPGLL,3452.3042,N,07438.9088,W,083519,A*3A
\$GPRMC,083519,A,3452.3042,N,07438.9088,W,4.4,236.3,060414,11.9,w*4E
\$HEHDT,234.6,T*2C
\$GPVTG,236.3,T,248.2,M,4.4,N,8.1,K*4F
\$GPZDA,083519,06,04,2014,00,00*4B
\$GPGBS,083519,,,,,,,,*47
\$GPGGA,083520,3452.3035,N,07438.9102,W,2,9,0.3,9,M,,M,,*6B
\$HEHDT,235.0,T*2B

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PORT 4 04-06-2014 08:36:11

\$GPGLL,3452.3035,N,07438.9102,W,083520,A*33
\$GPRMC,083520,A,3452.3035,N,07438.9102,W,4.4,237.1,060414,11.9,w*44
\$GPVTG,237.1,T,249.0,M,4.4,N,8.1,K*4F
\$GPZDA,083520,06,04,2014,00,00*41
\$HEHDT,235.4,T*2F
\$GPGBS,083520,,,,,,,,*4D
\$GPGGA,083521,3452.3028,N,07438.9115,W,2,9,0.3,9,M,,M,,*60
\$HEHDT,234.8,T*22
\$GPGLL,3452.3028,N,07438.9115,W,083521,A*38
\$GPRMC,083521,A,3452.3028,N,07438.9115,W,4.5,237.8,060414,11.9,w*47
\$GPVTG,237.8,T,249.7,M,4.5,N,8.3,K*42
\$GPZDA,083521,06,04,2014,00,00*40
\$GPGBS,083521,,,,,,,,*4C
\$GPGGA,083522,3452.3022,N,07438.9128,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,235.4,T*2F

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PORT 4 04-06-2014 08:36:12

\$GPGLL,3452.3022,N,07438.9128,W,083522,A*3F
\$HEHDT,235.8,T*23
\$GPRMC,083522,A,3452.3022,N,07438.9128,W,4.5,237.7,060414,11.9,w*4F
\$GPVTG,237.7,T,249.6,M,4.5,N,8.3,K*4C
\$GPZDA,083522,06,04,2014,00,00*43
\$GPGBS,083522,,,,,,,,*4F
\$GPGGA,083523,3452.3015,N,07438.9138,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,235.8,T*23

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PORT 4 04-06-2014 08:36:13

\$GPGLL,3452.3015,N,07438.9138,W,083523,A*3B
\$GPRMC,083523,A,3452.3015,N,07438.9138,W,4.4,237.5,060414,11.9,w*48

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\$HEHDT,235.9,T*22
\$GPVTG,237.5,T,249.4,M,4.4,N,8.1,K*4F
\$GPZDA,083523,06,04,2014,00,00*42
\$GPGBS,083523,,,,,,,,*4E
\$GPGGA,083524,3452.3009,N,07438.9153,W,2,9,0.3,9,M,,M,,*64
\$HEHDT,235.6,T*2D
PORT 12000 04-06-2014 08:36:13
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:36:15
\$GPGLL,3452.3009,N,07438.9153,W,083524,A*3C
\$GPRMC,083524,A,3452.3009,N,07438.9153,W,4.4,237.3,060414,11.9,w*49
\$HEHDT,235.8,T*23
\$GPVTG,237.3,T,249.2,M,4.4,N,8.1,K*4F
\$GPZDA,083524,06,04,2014,00,00*45
\$GPGBS,083524,,,,,,,,*49
\$GPGGA,083525,3452.3002,N,07438.9167,W,2,9,0.3,9,M,,M,,*69

PORT 4 04-06-2014 08:36:16
\$HEHDT,235.3,T*28
\$GPGLL,3452.3002,N,07438.9167,W,083525,A*31
\$GPRMC,083525,A,3452.3002,N,07438.9167,W,4.4,237.6,060414,11.9,w*41
\$GPVTG,237.6,T,249.5,M,4.4,N,8.1,K*4D
\$HEHDT,234.9,T*23
\$GPZDA,083525,06,04,2014,00,00*44
\$GPGBS,083525,,,,,,,,*48
\$GPGGA,083526,3452.2997,N,07438.9180,W,2,9,0.3,9,M,,M,,*67

PORT 4 04-06-2014 08:36:17
\$HEHDT,235.0,T*2B
\$GPGLL,3452.2997,N,07438.9180,W,083526,A*3F
\$GPRMC,083526,A,3452.2997,N,07438.9180,W,4.5,238.4,060414,11.9,w*43
\$GPVTG,238.4,T,250.3,M,4.5,N,8.3,K*4D
\$GPZDA,083526,06,04,2014,00,00*47
\$GPGBS,083526,,,,,,,,*4B
\$HEHDT,234.4,T*2E
\$GPGGA,083527,3452.2991,N,07438.9193,W,2,9,0.3,10,M,,M,,*5A

PORT 4 04-06-2014 08:36:18
\$HEHDT,235.1,T*2A
\$GPGLL,3452.2991,N,07438.9193,W,083527,A*3A
\$GPRMC,083527,A,3452.2991,N,07438.9193,W,4.5,239.2,060414,11.9,w*41
\$GPVTG,239.2,T,251.1,M,4.5,N,8.3,K*49
\$GPZDA,083527,06,04,2014,00,00*46
\$GPGBS,083527,,,,,,,,*4A
\$GPGGA,083528,3452.2984,N,07438.9204,W,2,9,0.3,10,M,,M,,*5C
\$HEHDT,235.9,T*22

PORT 4 04-06-2014 08:36:19
\$HEHDT,235.8,T*23
\$GPGLL,3452.2984,N,07438.9204,W,083528,A*3C
\$GPRMC,083528,A,3452.2984,N,07438.9204,W,4.5,239.6,060414,11.9,w*43
\$GPVTG,239.6,T,251.5,M,4.5,N,8.3,K*49
\$GPZDA,083528,06,04,2014,00,00*49
\$GPGBS,083528,,,,,,,,*45
\$GPGGA,083529,3452.2976,N,07438.9215,W,2,9,0.3,10,M,,M,,*50
\$HEHDT,236.4,T*2C

PORT 4 04-06-2014 08:36:20
\$GPGLL,3452.2976,N,07438.9215,W,083529,A*30
\$HEHDT,236.7,T*2F
\$GPRMC,083529,A,3452.2976,N,07438.9215,W,4.4,239.2,060414,11.9,w*4A
\$GPVTG,239.2,T,251.1,M,4.4,N,8.1,K*4A

S01_C04_survey.Log

\$GPZDA,083529,06,04,2014,00,00*48
\$GPGBS,083529,001.3,003.2,003.3,25,0.05,0012.6,012.5*46
\$GPGGA,083530,3452.2968,N,07438.9225,W,2,9,0.3,10,M,,M,,*54
\$HEHDT,236.7,T*2F

PORT 4 04-06-2014 08:36:21
\$GPGLL,3452.2968,N,07438.9225,W,083530,A*34
\$GPRMC,083530,A,3452.2968,N,07438.9225,W,4.4,238.4,060414,11.9,W*49
\$GPVTG,238.4,T,250.3,M,4.4,N,8.1,K*4E
\$HEHDT,237.1,T*28
\$GPZDA,083530,06,04,2014,00,00*40
\$GPGBS,083530,001.0,002.7,002.4,25,0.05,0009.2,012.5*41
\$GPGGA,083531,3452.2961,N,07438.9236,W,2,9,0.3,10,M,,M,,*5E
\$HEHDT,236.1,T*29

PORT 4 04-06-2014 08:36:22
\$GPGLL,3452.2961,N,07438.9236,W,083531,A*3E
\$GPRMC,083531,A,3452.2961,N,07438.9236,W,4.4,237.3,060414,11.9,W*4B
\$GPVTG,237.3,T,249.2,M,4.4,N,8.1,K*4F
\$GPZDA,083531,06,04,2014,00,00*41
\$GPGBS,083531,,,,,,*4D
\$HEHDT,236.1,T*29
\$GPGGA,083532,3452.2953,N,07438.9248,W,2,9,0.3,10,M,,M,,*55
\$HEHDT,236.1,T*29
\$GPGLL,3452.2953,N,07438.9248,W,083532,A*35
\$GPRMC,083532,A,3452.2953,N,07438.9248,W,4.4,236.3,060414,11.9,W*41
\$GPVTG,236.3,T,248.2,M,4.4,N,8.1,K*4F
\$GPZDA,083532,06,04,2014,00,00*42
\$GPGBS,083532,,,,,,*4E
\$GPGGA,083533,3452.2948,N,07438.9262,W,2,9,0.3,10,M,,M,,*56
\$HEHDT,235.8,T*23

PORT 4 04-06-2014 08:36:23
\$GPGLL,3452.2948,N,07438.9262,W,083533,A*36
\$HEHDT,235.7,T*2C
\$GPRMC,083533,A,3452.2948,N,07438.9262,W,4.4,236.2,060414,11.9,W*43
\$GPVTG,236.2,T,248.1,M,4.4,N,8.1,K*4D
\$GPZDA,083533,06,04,2014,00,00*43
\$GPGBS,083533,,,,,,*4F
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PORT 12000 04-06-2014 08:36:23
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PORT 4 04-06-2014 08:36:24
\$GPGLL,3452.2943,N,07438.9276,W,083534,A*3F
\$GPRMC,083534,A,3452.2943,N,07438.9276,W,4.4,237.4,060414,11.9,W*4D
\$HEHDT,235.6,T*2D
\$GPVTG,237.4,T,249.3,M,4.4,N,8.1,K*49
\$GPZDA,083534,06,04,2014,00,00*44
\$GPGBS,083534,,,,,,*48
\$GPGGA,083535,3452.2939,N,07438.9290,W,2,9,0.3,10,M,,M,,*5B

PORT 4 04-06-2014 08:36:25
\$HEHDT,235.8,T*23
\$GPGLL,3452.2939,N,07438.9290,W,083535,A*3B
\$GPRMC,083535,A,3452.2939,N,07438.9290,W,4.5,239.2,060414,11.9,W*40
\$GPVTG,239.2,T,251.1,M,4.5,N,8.3,K*49
\$HEHDT,235.9,T*22
\$GPZDA,083535,06,04,2014,00,00*45
\$GPGBS,083535,,,,,,*49
\$GPGGA,083536,3452.2932,N,07438.9302,W,2,9,0.3,10,M,,M,,*59
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s01_c04_survey.Log

PORT 4 04-06-2014 08:36:26

\$HEHDT,235.6,T*2D
\$GPGLL,3452.2932,N,07438.9302,W,083536,A*39
\$GPRMC,083536,A,3452.2932,N,07438.9302,W,4.4,240.5,060414,11.9,w*4A
\$GPVTG,240.5,T,252.4,M,4.4,N,8.1,K*45
\$GPZDA,083536,06,04,2014,00,00*46
\$HEHDT,235.9,T*22
\$GPGBS,083536,,,,,,,,*4A
\$GPGGA,083537,3452.2925,N,07438.9315,W,2,9,0.3,10,M,,M,,*58

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PORT 4 04-06-2014 08:36:28

\$HEHDT,236.2,T*2A
\$GPGLL,3452.2925,N,07438.9315,W,083537,A*38
\$GPRMC,083537,A,3452.2925,N,07438.9315,W,4.4,240.7,060414,11.9,w*49
\$GPVTG,240.7,T,252.6,M,4.4,N,8.1,K*45
\$GPZDA,083537,06,04,2014,00,00*47
\$GPGBS,083537,,,,,,,,*4B
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\$HEHDT,235.3,T*28

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PORT 4 04-06-2014 08:36:29

\$GPGLL,3452.2918,N,07438.9326,W,083538,A*39
\$HEHDT,235.6,T*2D
\$GPRMC,083538,A,3452.2918,N,07438.9326,W,4.4,239.9,060414,11.9,w*48
\$GPVTG,239.9,T,251.8,M,4.4,N,8.1,K*48
\$GPZDA,083538,06,04,2014,00,00*48
\$GPGBS,083538,,,,,,,,*44
\$GPGGA,083539,3452.2911,N,07438.9339,W,2,9,0.3,10,M,,M,,*5F
\$HEHDT,236.0,T*28

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PORT 4 04-06-2014 08:36:30

\$GPGLL,3452.2911,N,07438.9339,W,083539,A*3F
\$GPRMC,083539,A,3452.2911,N,07438.9339,W,4.4,239.0,060414,11.9,w*47
\$HEHDT,235.6,T*2D
\$GPVTG,239.0,T,250.9,M,4.4,N,8.1,K*41
\$GPZDA,083539,06,04,2014,00,00*49
\$GPGBS,083539,,,,,,,,*45
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\$HEHDT,236.2,T*2A

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PORT 4 04-06-2014 08:36:31

\$GPGLL,3452.2905,N,07438.9353,W,083540,A*38
\$GPRMC,083540,A,3452.2905,N,07438.9353,W,4.4,238.6,060414,11.9,w*47
\$GPVTG,238.6,T,250.5,M,4.4,N,8.1,K*4A
\$HEHDT,236.0,T*28
\$GPZDA,083540,06,04,2014,00,00*47
\$GPGBS,083540,,,,,,,,*4B
\$GPGGA,083541,3452.2898,N,07438.9367,W,2,9,0.3,10,M,,M,,*5B

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PORT 4 04-06-2014 08:36:32

\$HEHDT,236.6,T*2E
\$GPGLL,3452.2898,N,07438.9367,W,083541,A*3B
\$GPRMC,083541,A,3452.2898,N,07438.9367,W,4.4,238.6,060414,11.9,w*44
\$GPVTG,238.6,T,250.5,M,4.4,N,8.1,K*4A
\$GPZDA,083541,06,04,2014,00,00*46
\$HEHDT,237.3,T*2A
\$GPGBS,083541,,,,,,,,*4A
\$GPGGA,083542,3452.2892,N,07438.9380,W,2,9,0.3,10,M,,M,,*5B

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PORT 4 04-06-2014 08:36:33

\$HEHDT,236.5,T*2D
\$GPGLL,3452.2892,N,07438.9380,W,083542,A*3B
\$GPRMC,083542,A,3452.2892,N,07438.9380,W,4.5,238.7,060414,11.9,w*44

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\$GPVTG,238.7,T,250.6,M,4.5,N,8.3,K*4B
\$GPZDA,083542,06,04,2014,00,00*45
\$GPGBS,083542,,,,,,,,*49
\$GPGGA,083543,3452.2885,N,07438.9393,W,2,9,0.3,10,M,,M,,*5E
\$HEHDT,236.8,T*20

PORT 4 04-06-2014 08:36:34
\$GPGLL,3452.2885,N,07438.9393,W,083543,A*3E
\$HEHDT,236.8,T*20
\$GPRMC,083543,A,3452.2885,N,07438.9393,W,4.5,238.7,060414,11.9,W*41
\$GPVTG,238.7,T,250.6,M,4.5,N,8.3,K*4B
\$GPZDA,083543,06,04,2014,00,00*44
\$GPGBS,083543,,,,,,,,*48
\$GPGGA,083544,3452.2878,N,07438.9406,W,2,9,0.3,10,M,,M,,*50
\$HEHDT,236.2,T*2A
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PORT 4 04-06-2014 08:36:35
\$GPGLL,3452.2878,N,07438.9406,W,083544,A*30
\$GPRMC,083544,A,3452.2878,N,07438.9406,W,4.5,238.2,060414,11.9,W*4A
\$HEHDT,236.4,T*2C
\$GPVTG,238.2,T,250.1,M,4.5,N,8.3,K*49
\$GPZDA,083544,06,04,2014,00,00*43
\$GPGBS,083544,,,,,,,,*4F
\$GPGGA,083545,3452.2872,N,07438.9420,W,2,9,0.3,10,M,,M,,*5F
\$HEHDT,235.7,T*2C

PORT 4 04-06-2014 08:36:36
\$GPGLL,3452.2872,N,07438.9420,W,083545,A*3F
\$GPRMC,083545,A,3452.2872,N,07438.9420,W,4.5,238.1,060414,11.9,W*46
\$GPVTG,238.1,T,250.0,M,4.5,N,8.3,K*4B
\$HEHDT,235.9,T*22
\$GPZDA,083545,06,04,2014,00,00*42
\$GPGBS,083545,,,,,,,,*4E
\$GPGGA,083546,3452.2868,N,07438.9434,W,2,9,0.3,10,M,,M,,*52
\$HEHDT,236.2,T*2A

PORT 4 04-06-2014 08:36:37
\$GPGLL,3452.2868,N,07438.9434,W,083546,A*32
\$GPRMC,083546,A,3452.2868,N,07438.9434,W,4.5,239.0,060414,11.9,W*4B
\$GPVTG,239.0,T,250.9,M,4.5,N,8.3,K*42
\$GPZDA,083546,06,04,2014,00,00*41
\$HEHDT,235.7,T*2C
\$GPGBS,083546,,,,,,,,*4D
\$GPGGA,083547,3452.2863,N,07438.9446,W,2,9,0.3,10,M,,M,,*5D
\$HEHDT,236.3,T*2B
\$GPGLL,3452.2863,N,07438.9446,W,083547,A*3D
\$GPRMC,083547,A,3452.2863,N,07438.9446,W,4.4,240.6,060414,11.9,W*4D
\$GPVTG,240.6,T,252.5,M,4.4,N,8.1,K*47
\$GPZDA,083547,06,04,2014,00,00*40
\$GPGBS,083547,,,,,,,,*4C
\$GPGGA,083548,3452.2858,N,07438.9460,W,2,9,0.3,10,M,,M,,*5E
\$HEHDT,236.3,T*2B

PORT 4 04-06-2014 08:36:38
\$HEHDT,236.2,T*2A
\$GPGLL,3452.2858,N,07438.9460,W,083548,A*3E
\$GPRMC,083548,A,3452.2858,N,07438.9460,W,4.4,241.9,060414,11.9,W*40
\$GPVTG,241.9,T,253.8,M,4.4,N,8.1,K*45
\$GPZDA,083548,06,04,2014,00,00*4F
\$GPGBS,083548,,,,,,,,*43
\$GPGGA,083549,3452.2850,N,07438.9471,W,2,9,0.3,10,M,,M,,*57

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\$HEHDT,235.9,T*22

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PORT 4 04-06-2014 08:36:39

\$GPGLL,3452.2850,N,07438.9471,W,083549,A*37

\$GPRMC,083549,A,3452.2850,N,07438.9471,W,4.4,241.9,060414,11.9,W*49

\$HEHDT,236.0,T*28

\$GPVTG,241.9,T,253.8,M,4.4,N,8.1,K*45

\$GPZDA,083549,06,04,2014,00,00*4E

\$GPGBS,083549,,,,,,,,*42

\$GPGGGA,083550,3452.2841,N,07438.9482,W,2,9,0.3,10,M,,M,,*53

\$HEHDT,235.6,T*2D

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PORT 4 04-06-2014 08:36:40

\$GPGLL,3452.2841,N,07438.9482,W,083550,A*33

\$GPRMC,083550,A,3452.2841,N,07438.9482,W,4.4,240.3,060414,11.9,W*46

\$HEHDT,235.5,T*2E

\$GPVTG,240.3,T,252.2,M,4.4,N,8.1,K*45

\$GPZDA,083550,06,04,2014,00,00*46

\$GPGBS,083550,,,,,,,,*4A

\$GPGGGA,083551,3452.2834,N,07438.9496,W,2,9,0.3,10,M,,M,,*55

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PORT 4 04-06-2014 08:36:41

\$HEHDT,235.6,T*2D

\$GPGLL,3452.2834,N,07438.9496,W,083551,A*35

\$GPRMC,083551,A,3452.2834,N,07438.9496,W,4.4,238.4,060414,11.9,W*48

\$GPVTG,238.4,T,250.3,M,4.4,N,8.1,K*4E

\$GPZDA,083551,06,04,2014,00,00*47

\$HEHDT,235.4,T*2F

\$GPGBS,083551,,,,,,,,*4B

\$GPGGGA,083552,3452.2828,N,07438.9510,W,2,9,0.3,10,M,,M,,*54

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PORT 4 04-06-2014 08:36:42

\$HEHDT,235.9,T*22

\$GPGLL,3452.2828,N,07438.9510,W,083552,A*34

\$GPRMC,083552,A,3452.2828,N,07438.9510,W,4.4,238.0,060414,11.9,W*4D

\$GPVTG,238.0,T,249.9,M,4.4,N,8.1,K*48

\$GPZDA,083552,06,04,2014,00,00*44

\$GPGBS,083552,,,,,,,,*48

\$HEHDT,235.3,T*28

\$GPGGGA,083553,3452.2822,N,07438.9523,W,2,9,0.3,10,M,,M,,*5F

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PORT 4 04-06-2014 08:36:43

\$HEHDT,236.0,T*28

\$GPGLL,3452.2822,N,07438.9523,W,083553,A*3F

\$GPRMC,083553,A,3452.2822,N,07438.9523,W,4.5,238.8,060414,11.9,W*4F

\$GPVTG,238.8,T,250.7,M,4.5,N,8.3,K*45

\$GPZDA,083553,06,04,2014,00,00*45

\$GPGBS,083553,,,,,,,,*49

\$HEHDT,235.4,T*2F

\$GPGGGA,083554,3452.2816,N,07438.9539,W,2,9,0.3,10,M,,M,,*54

PORT 12000 04-06-2014 08:36:43

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PORT 4 04-06-2014 08:36:44

\$GPGLL,3452.2816,N,07438.9539,W,083554,A*34

\$HEHDT,235.9,T*22

\$GPRMC,083554,A,3452.2816,N,07438.9539,W,4.5,239.7,060414,11.9,W*4A

\$GPVTG,239.7,T,251.6,M,4.5,N,8.3,K*4B

\$GPZDA,083554,06,04,2014,00,00*42

\$GPGBS,083554,,,,,,,,*4E

\$GPGGGA,083555,3452.2809,N,07438.9552,W,2,9,0.3,10,M,,M,,*56

\$HEHDT,236.3,T*2B

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S01_C04_survey.Log

PORT 4 04-06-2014 08:36:46

\$GPGLL,3452.2809,N,07438.9552,W,083555,A*36
\$GPRMC,083555,A,3452.2809,N,07438.9552,W,4.6,240.1,060414,11.9,w*43
\$HEHDT,235.6,T*2D
\$GPVTG,240.1,T,252.0,M,4.6,N,8.5,K*43
\$GPZDA,083555,06,04,2014,00,00*43
\$GPGBS,083555,,,,,,,,*4F
\$GPGBGA,083556,3452.2802,N,07438.9565,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,236.0,T*28

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PORT 5 04-06-2014 08:36:47

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PORT 4 04-06-2014 08:36:47

\$GPGLL,3452.2802,N,07438.9565,W,083556,A*3A
\$GPRMC,083556,A,3452.2802,N,07438.9565,W,4.6,240.3,060414,11.9,w*4D
\$GPVTG,240.3,T,252.2,M,4.6,N,8.5,K*43
\$HEHDT,236.1,T*29
\$GPZDA,083556,06,04,2014,00,00*40
\$GPGBS,083556,,,,,,,,*4C
\$GPGBGA,083557,3452.2796,N,07438.9577,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,235.4,T*2F
\$GPGLL,3452.2796,N,07438.9577,W,083557,A*3A
\$GPRMC,083557,A,3452.2796,N,07438.9577,W,4.6,240.0,060414,11.9,w*4E
\$GPVTG,240.0,T,251.9,M,4.6,N,8.5,K*48
\$GPZDA,083557,06,04,2014,00,00*41
\$GPGBS,083557,,,,,,,,*4D
\$HEHDT,235.7,T*2C
\$GPGBGA,083558,3452.2791,N,07438.9590,W,2,9,0.3,10,M,,M,,*5B

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PORT 4 04-06-2014 08:36:48

\$HEHDT,234.9,T*23
\$GPGLL,3452.2791,N,07438.9590,W,083558,A*3B
\$GPRMC,083558,A,3452.2791,N,07438.9590,W,4.5,239.4,060414,11.9,w*46
\$GPVTG,239.4,T,251.3,M,4.5,N,8.3,K*4D
\$GPZDA,083558,06,04,2014,00,00*4E
\$GPGBS,083558,,,,,,,,*42
\$GPGBGA,083559,3452.2784,N,07438.9602,W,2,9,0.3,10,M,,M,,*56
\$HEHDT,235.2,T*29

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PORT 4 04-06-2014 08:36:50

\$HEHDT,235.2,T*29
\$GPGLL,3452.2784,N,07438.9602,W,083559,A*36
\$GPRMC,083559,A,3452.2784,N,07438.9602,W,4.5,239.1,060414,11.9,w*4E
\$GPVTG,239.1,T,251.0,M,4.5,N,8.3,K*4B
\$GPZDA,083559,06,04,2014,00,00*4F
\$GPGBS,083559,,,,,,,,*43
\$GPGBGA,083600,3452.2780,N,07438.9615,W,2,9,0.3,10,M,,M,,*5B
\$HEHDT,235.1,T*2A

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PORT 5 04-06-2014 08:36:51

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PORT 4 04-06-2014 08:36:51

\$GPGLL,3452.2780,N,07438.9615,W,083600,A*3B
\$HEHDT,235.4,T*2F
\$GPRMC,083600,A,3452.2780,N,07438.9615,W,4.4,239.4,060414,11.9,w*47
\$GPVTG,239.4,T,251.3,M,4.4,N,8.1,K*4E
\$GPZDA,083600,06,04,2014,00,00*40
\$GPGBS,083600,,,,,,,,*4C
\$GPGBGA,083601,3452.2773,N,07438.9626,W,2,9,0.3,10,M,,M,,*56
\$HEHDT,235.8,T*23

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PORT 4 04-06-2014 08:36:52

S01_C04_survey.Log

\$GPGLL,3452.2773,N,07438.9626,W,083601,A*36
\$GPRMC,083601,A,3452.2773,N,07438.9626,W,4.4,239.9,060414,11.9,w*47
\$HEHDT,235.2,T*29
\$GPVTG,239.9,T,251.8,M,4.4,N,8.1,K*48
\$GPZDA,083601,06,04,2014,00,00*41
\$GPGGBS,083601,,,,,,,,*4D
\$GPGGA,083602,3452.2767,N,07438.9637,W,2,9,0.3,10,M,,M,,*50
\$HEHDT,235.4,T*2F

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PORT 4 04-06-2014 08:36:53
\$GPGLL,3452.2767,N,07438.9637,W,083602,A*30
\$GPRMC,083602,A,3452.2767,N,07438.9637,W,4.3,239.9,060414,11.9,w*46
\$GPVTG,239.9,T,251.8,M,4.3,N,8.0,K*4E
\$HEHDT,234.7,T*2D
\$GPZDA,083602,06,04,2014,00,00*42
\$GPGGBS,083602,,,,,,,,*4E
\$GPGGA,083603,3452.2760,N,07438.9649,W,2,9,0.3,10,M,,M,,*5F

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PORT 4 04-06-2014 08:36:54
\$HEHDT,234.8,T*22
\$GPGLL,3452.2760,N,07438.9649,W,083603,A*3F
\$GPRMC,083603,A,3452.2760,N,07438.9649,W,4.3,239.4,060414,11.9,w*44
\$GPVTG,239.4,T,251.3,M,4.3,N,8.0,K*48
\$GPZDA,083603,06,04,2014,00,00*43
\$HEHDT,234.7,T*2D
\$GPGGBS,083603,,,,,,,,*4F
\$GPGGA,083604,3452.2752,N,07438.9663,W,2,9,0.3,10,M,,M,,*51

PORT 12000 04-06-2014 08:36:54
\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:36:55
\$HEHDT,234.5,T*2F
\$GPGLL,3452.2752,N,07438.9663,W,083604,A*31
\$GPRMC,083604,A,3452.2752,N,07438.9663,W,4.3,238.7,060414,11.9,w*48
\$GPVTG,238.7,T,250.6,M,4.3,N,8.0,K*4E
\$GPZDA,083604,06,04,2014,00,00*44
\$GPGGBS,083604,,,,,,,,*48
\$GPGGA,083605,3452.2745,N,07438.9677,W,2,9,0.3,10,M,,M,,*53
\$HEHDT,234.0,T*2A

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PORT 4 04-06-2014 08:36:56
\$GPGLL,3452.2745,N,07438.9677,W,083605,A*33
\$HEHDT,234.6,T*2C
\$GPRMC,083605,A,3452.2745,N,07438.9677,W,4.4,238.3,060414,11.9,w*49
\$GPVTG,238.3,T,250.2,M,4.4,N,8.1,K*48
\$GPZDA,083605,06,04,2014,00,00*45
\$GPGGBS,083605,,,,,,,,*49
\$GPGGA,083606,3452.2738,N,07438.9691,W,2,9,0.3,10,M,,M,,*52
\$HEHDT,234.4,T*2E

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PORT 4 04-06-2014 08:36:57
\$GPGLL,3452.2738,N,07438.9691,W,083606,A*32
\$GPRMC,083606,A,3452.2738,N,07438.9691,W,4.5,238.7,060414,11.9,w*4D
\$HEHDT,235.1,T*2A
\$GPVTG,238.7,T,250.6,M,4.5,N,8.3,K*4B
\$GPZDA,083606,06,04,2014,00,00*46
\$GPGGBS,083606,,,,,,,,*4A
\$GPGGA,083607,3452.2733,N,07438.9706,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,235.2,T*29

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PORT 4 04-06-2014 08:36:58
\$GPGLL,3452.2733,N,07438.9706,W,083607,A*37
\$GPRMC,083607,A,3452.2733,N,07438.9706,W,4.5,239.4,060414,11.9,w*4A

S01_C04_survey.Log

\$GPVTG,239.4,T,251.3,M,4.5,N,8.3,K*4D
\$HEHDT,235.5,T*2E
\$GPZDA,083607,06,04,2014,00,00*47
\$GPGBS,083607,,,,,,,,*4B
\$GPGGA,083608,3452.2724,N,07438.9720,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,235.5,T*2E

PORT 4 04-06-2014 08:37:00
\$GPGLL,3452.2724,N,07438.9720,W,083608,A*3A
\$GPRMC,083608,A,3452.2724,N,07438.9720,W,4.6,239.7,060414,11.9,w*47
\$GPVTG,239.7,T,251.6,M,4.6,N,8.5,K*4E
\$GPZDA,083608,06,04,2014,00,00*48
\$HEHDT,235.6,T*2D
\$GPGBS,083608,,,,,,,,*44
\$GPGGA,083609,3452.2716,N,07438.9734,W,2,9,0.3,10,M,,M,,*5F
\$HEHDT,235.5,T*2E
\$GPGLL,3452.2716,N,07438.9734,W,083609,A*3F
\$GPRMC,083609,A,3452.2716,N,07438.9734,W,4.6,239.4,060414,11.9,w*41
\$GPVTG,239.4,T,251.3,M,4.6,N,8.5,K*48
\$GPZDA,083609,06,04,2014,00,00*49
\$GPGBS,083609,,,,,,,,*45
\$GPGGA,083610,3452.2709,N,07438.9745,W,2,9,0.3,10,M,,M,,*5F
\$HEHDT,234.9,T*23

PORT 4 04-06-2014 08:37:01
\$GPGLL,3452.2709,N,07438.9745,W,083610,A*3F
\$HEHDT,235.2,T*29
\$GPRMC,083610,A,3452.2709,N,07438.9745,W,4.7,238.5,060414,11.9,w*40
\$GPVTG,238.5,T,250.4,M,4.7,N,8.7,K*4D
\$GPZDA,083610,06,04,2014,00,00*41
\$GPGBS,083610,,,,,,,,*4D
\$GPGGA,083611,3452.2702,N,07438.9756,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,235.2,T*29

PORT 4 04-06-2014 08:37:02
\$GPGLL,3452.2702,N,07438.9756,W,083611,A*37
\$GPRMC,083611,A,3452.2702,N,07438.9756,W,4.6,237.7,060414,11.9,w*44
\$HEHDT,235.0,T*2B
\$GPVTG,237.7,T,249.6,M,4.6,N,8.5,K*49
\$GPZDA,083611,06,04,2014,00,00*40
\$GPGBS,083611,,,,,,,,*4C
\$GPGGA,083612,3452.2697,N,07438.9767,W,2,9,0.3,10,M,,M,,*5B
\$HEHDT,235.4,T*2F

PORT 4 04-06-2014 08:37:03
\$GPGLL,3452.2697,N,07438.9767,W,083612,A*3B
\$GPRMC,083612,A,3452.2697,N,07438.9767,W,4.5,237.1,060414,11.9,w*4D
\$GPVTG,237.1,T,249.0,M,4.5,N,8.3,K*4C
\$HEHDT,235.1,T*2A
\$GPZDA,083612,06,04,2014,00,00*43
\$GPGBS,083612,,,,,,,,*4F
\$GPGGA,083613,3452.2691,N,07438.9779,W,2,9,0.3,10,M,,M,,*53

PORT 4 04-06-2014 08:37:04
\$HEHDT,235.2,T*29
\$GPGLL,3452.2691,N,07438.9779,W,083613,A*33
\$GPRMC,083613,A,3452.2691,N,07438.9779,W,4.4,237.1,060414,11.9,w*44
\$GPVTG,237.1,T,249.0,M,4.4,N,8.1,K*4F
\$GPZDA,083613,06,04,2014,00,00*42
\$HEHDT,235.3,T*28
\$GPGBS,083613,,,,,,,,*4E
\$GPGGA,083614,3452.2686,N,07438.9790,W,2,9,0.3,10,M,,M,,*55
PORT 12000 04-06-2014 08:37:04

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:37:05

\$HEHDT,235.1,T*2A

\$GPGLL,3452.2686,N,07438.9790,W,083614,A*35

\$GPRMC,083614,A,3452.2686,N,07438.9790,W,4.3,237.7,060414,11.9,W*43

\$GPVTG,237.7,T,249.6,M,4.3,N,8.0,K*49

\$GPZDA,083614,06,04,2014,00,00*45

\$GPGBS,083614,,,,,,,,*49

\$GPGBA,083615,3452.2681,N,07438.9803,W,2,9,0.3,10,M,,M,,*56

\$HEHDT,235.3,T*28

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PORT 4 04-06-2014 08:37:06

\$GPGLL,3452.2681,N,07438.9803,W,083615,A*36

\$HEHDT,234.8,T*22

\$GPRMC,083615,A,3452.2681,N,07438.9803,W,4.3,238.6,060414,11.9,W*4E

\$GPVTG,238.6,T,250.5,M,4.3,N,8.0,K*4C

\$GPZDA,083615,06,04,2014,00,00*44

\$GPGBS,083615,,,,,,,,*48

\$GPGBA,083616,3452.2674,N,07438.9815,W,2,9,0.3,10,M,,M,,*58

\$HEHDT,234.8,T*22

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PORT 4 04-06-2014 08:37:07

\$GPGLL,3452.2674,N,07438.9815,W,083616,A*38

\$GPRMC,083616,A,3452.2674,N,07438.9815,W,4.3,239.2,060414,11.9,W*45

\$HEHDT,235.1,T*2A

\$GPVTG,239.2,T,251.1,M,4.3,N,8.0,K*4C

\$GPZDA,083616,06,04,2014,00,00*47

\$GPGBS,083616,,,,,,,,*4B

\$GPGBA,083617,3452.2666,N,07438.9829,W,2,9,0.3,10,M,,M,,*55

\$HEHDT,234.8,T*22

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PORT 4 04-06-2014 08:37:08

\$GPGLL,3452.2666,N,07438.9829,W,083617,A*35

\$GPRMC,083617,A,3452.2666,N,07438.9829,W,4.3,239.1,060414,11.9,W*4B

\$HEHDT,235.1,T*2A

\$GPVTG,239.1,T,251.0,M,4.3,N,8.0,K*4E

\$GPZDA,083617,06,04,2014,00,00*46

\$GPGBS,083617,,,,,,,,*4A

\$GPGBA,083618,3452.2658,N,07438.9843,W,2,9,0.3,10,M,,M,,*5B

\$HEHDT,235.3,T*28

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PORT 4 04-06-2014 08:37:09

\$GPGLL,3452.2658,N,07438.9843,W,083618,A*3B

\$GPRMC,083618,A,3452.2658,N,07438.9843,W,4.4,238.5,060414,11.9,W*47

\$GPVTG,238.5,T,250.4,M,4.4,N,8.1,K*48

\$HEHDT,235.7,T*2C

\$GPZDA,083618,06,04,2014,00,00*49

\$GPGBS,083618,,,,,,,,*45

\$GPGBA,083619,3452.2650,N,07438.9854,W,2,9,0.3,10,M,,M,,*54

\$HEHDT,235.6,T*2D

\$GPGLL,3452.2650,N,07438.9854,W,083619,A*34

\$GPRMC,083619,A,3452.2650,N,07438.9854,W,4.5,237.7,060414,11.9,W*44

\$GPVTG,237.7,T,249.6,M,4.5,N,8.3,K*4C

\$GPZDA,083619,06,04,2014,00,00*48

\$GPGBS,083619,,,,,,,,*44

\$HEHDT,236.0,T*28

\$GPGBA,083620,3452.2643,N,07438.9868,W,2,9,0.3,10,M,,M,,*53

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PORT 4 04-06-2014 08:37:10

\$HEHDT,235.5,T*2E

\$GPGLL,3452.2643,N,07438.9868,W,083620,A*33

\$GPRMC,083620,A,3452.2643,N,07438.9868,W,4.5,236.9,060414,11.9,W*4C

S01_C04_survey.Log

\$GPVTG,236.9,T,248.8,M,4.5,N,8.3,K*4C
\$GPZDA,083620,06,04,2014,00,00*42
\$GPGBS,083620,,,,,,,,*4E
\$GPGGA,083621,3452.2636,N,07438.9880,W,2,9,0.3,10,M,,M,,*56
\$HEHDT,235.5,T*2E

PORT 4 04-06-2014 08:37:11
\$GPGLL,3452.2636,N,07438.9880,W,083621,A*36
\$GPRMC,083621,A,3452.2636,N,07438.9880,W,4.5,236.5,060414,11.9,W*45
\$HEHDT,235.1,T*2A
\$GPVTG,236.5,T,248.4,M,4.5,N,8.3,K*4C
\$GPZDA,083621,06,04,2014,00,00*43
\$GPGBS,083621,,,,,,,,*4F
\$GPGGA,083622,3452.2630,N,07438.9895,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,234.8,T*22

PORT 4 04-06-2014 08:37:12
\$GPGLL,3452.2630,N,07438.9895,W,083622,A*37
\$GPRMC,083622,A,3452.2630,N,07438.9895,W,4.5,237.1,060414,11.9,W*41
\$HEHDT,234.7,T*2D
\$GPVTG,237.1,T,249.0,M,4.5,N,8.3,K*4C
\$GPZDA,083622,06,04,2014,00,00*40
\$GPGBS,083622,,,,,,,,*4C
\$GPGGA,083623,3452.2625,N,07438.9908,W,2,9,0.3,10,M,,M,,*57

PORT 4 04-06-2014 08:37:14
\$HEHDT,234.7,T*2D
\$GPGLL,3452.2625,N,07438.9908,W,083623,A*37
\$GPRMC,083623,A,3452.2625,N,07438.9908,W,4.6,238.2,060414,11.9,W*4E
\$GPVTG,238.2,T,250.1,M,4.6,N,8.5,K*4C
\$HEHDT,235.0,T*2B
\$GPZDA,083623,06,04,2014,00,00*41
\$GPGBS,083623,,,,,,,,*4D
\$GPGGA,083624,3452.2618,N,07438.9919,W,2,9,0.3,10,M,,M,,*5E
PORT 12000 04-06-2014 08:37:14
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:37:15
\$HEHDT,235.2,T*29
\$GPGLL,3452.2618,N,07438.9919,W,083624,A*3E
\$GPRMC,083624,A,3452.2618,N,07438.9919,W,4.5,238.9,060414,11.9,W*4F
\$GPVTG,238.9,T,250.8,M,4.5,N,8.3,K*4B
\$GPZDA,083624,06,04,2014,00,00*46
\$GPGBS,083624,,,,,,,,*4A
\$HEHDT,235.7,T*2C
\$GPGGA,083625,3452.2612,N,07438.9930,W,2,9,0.3,10,M,,M,,*5E

PORT 4 04-06-2014 08:37:16
\$HEHDT,235.7,T*2C
\$GPGLL,3452.2612,N,07438.9930,W,083625,A*3E
\$GPRMC,083625,A,3452.2612,N,07438.9930,W,4.4,238.7,060414,11.9,W*40
\$GPVTG,238.7,T,250.6,M,4.4,N,8.1,K*48
\$GPZDA,083625,06,04,2014,00,00*47
\$GPGBS,083625,,,,,,,,*4B
\$GPGGA,083626,3452.2605,N,07438.9941,W,2,9,0.3,10,M,,M,,*5D
\$HEHDT,235.8,T*23

PORT 4 04-06-2014 08:37:17
\$GPGLL,3452.2605,N,07438.9941,W,083626,A*3D
\$HEHDT,235.8,T*23
\$GPRMC,083626,A,3452.2605,N,07438.9941,W,4.4,238.0,060414,11.9,W*44
\$GPVTG,238.0,T,249.9,M,4.4,N,8.1,K*48
\$GPZDA,083626,06,04,2014,00,00*44

S01_C04_survey.Log

\$GPGBS,083626,,,,,,,,*48
\$GPGGA,083627,3452.2598,N,07438.9955,W,2,9,0.3,10,M,,M,,*5E
\$HEHDT,235.2,T*29

PORT 4 04-06-2014 08:37:18
\$GPGLL,3452.2598,N,07438.9955,W,083627,A*3E
\$GPRMC,083627,A,3452.2598,N,07438.9955,W,4.3,237.6,060414,11.9,w*49
\$HEHDT,235.1,T*2A
\$GPVTG,237.6,T,249.5,M,4.3,N,8.0,K*4B
\$GPZDA,083627,06,04,2014,00,00*45
\$GPGBS,083627,,,,,,,,*49
\$GPGGA,083628,3452.2592,N,07438.9967,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,235.2,T*29

PORT 4 04-06-2014 08:37:19
\$GPGLL,3452.2592,N,07438.9967,W,083628,A*3A
\$GPRMC,083628,A,3452.2592,N,07438.9967,W,4.4,237.8,060414,11.9,w*44
\$GPVTG,237.8,T,249.7,M,4.4,N,8.1,K*41
\$HEHDT,234.7,T*2D
\$GPZDA,083628,06,04,2014,00,00*4A
\$GPGBS,083628,,,,,,,,*46
\$GPGGA,083629,3452.2585,N,07438.9980,W,2,9,0.3,9,M,,M,,*6C
\$HEHDT,234.9,T*23

PORT 4 04-06-2014 08:37:20
\$GPGLL,3452.2585,N,07438.9980,W,083629,A*34
\$GPRMC,083629,A,3452.2585,N,07438.9980,W,4.4,237.8,060414,11.9,w*4A
\$GPVTG,237.8,T,249.7,M,4.4,N,8.1,K*41
\$GPZDA,083629,06,04,2014,00,00*4B
\$HEHDT,235.1,T*2A
\$GPGBS,083629,,,,,,,,*47
\$GPGGA,083630,3452.2576,N,07438.9991,W,2,9,0.3,9,M,,M,,*68
\$HEHDT,235.1,T*2A

PORT 4 04-06-2014 08:37:21
\$GPGLL,3452.2576,N,07438.9991,W,083630,A*30
\$GPRMC,083630,A,3452.2576,N,07438.9991,W,4.4,237.0,060414,11.9,w*46
\$GPVTG,237.0,T,248.9,M,4.4,N,8.1,K*46
\$GPZDA,083630,06,04,2014,00,00*43
\$GPGBS,083630,,,,,,,,*4F
\$GPGGA,083631,3452.2570,N,07439.0005,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,235.3,T*28

PORT 4 04-06-2014 08:37:22
\$HEHDT,235.2,T*29
\$GPGLL,3452.2570,N,07439.0005,W,083631,A*3B
\$GPRMC,083631,A,3452.2570,N,07439.0005,W,4.4,236.3,060414,11.9,w*4F
\$GPVTG,236.3,T,248.2,M,4.4,N,8.1,K*4F
\$GPZDA,083631,06,04,2014,00,00*42
\$GPGBS,083631,,,,,,,,*4E
\$GPGGA,083632,3452.2563,N,07439.0018,W,2,9,0.3,9,M,,M,,*6E
\$HEHDT,235.4,T*2F
\$GPGLL,3452.2563,N,07439.0018,W,083632,A*36
\$GPRMC,083632,A,3452.2563,N,07439.0018,W,4.4,237.6,060414,11.9,w*46
\$HEHDT,234.6,T*2C
\$GPVTG,237.6,T,249.5,M,4.4,N,8.1,K*4D
\$GPZDA,083632,06,04,2014,00,00*41
\$GPGBS,083632,,,,,,,,*4D
\$GPGGA,083633,3452.2557,N,07439.0034,W,2,9,0.3,9,M,,M,,*66

PORT 4 04-06-2014 08:37:23
\$HEHDT,234.8,T*22
\$GPGLL,3452.2557,N,07439.0034,W,083633,A*3E

S01_C04_survey.Log

\$GPRMC,083633,A,3452.2557,N,07439.0034,W,4.4,237.6,060414,11.9,w*4E
\$GPVTG,237.6,T,249.5,M,4.4,N,8.1,K*4D
\$HEHDT,234.8,T*22
\$GPZDA,083633,06,04,2014,00,00*40
\$GPGBS,083633,,,,,,,,*4C
\$GPGGA,083634,3452.2551,N,07439.0046,W,2,9,0.3,9,M,,M,,*62
PORT 12000 04-06-2014 08:37:23
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:37:24
\$HEHDT,235.1,T*2A
\$GPGLL,3452.2551,N,07439.0046,W,083634,A*3A
\$GPRMC,083634,A,3452.2551,N,07439.0046,W,4.5,238.6,060414,11.9,w*44
\$GPVTG,238.6,T,250.5,M,4.5,N,8.3,K*49
\$GPZDA,083634,06,04,2014,00,00*47
\$HEHDT,234.5,T*2F
\$GPGBS,083634,,,,,,,,*4B
\$GPGGA,083635,3452.2544,N,07439.0057,W,2,9,0.3,9,M,,M,,*67

PORT 4 04-06-2014 08:37:25
\$HEHDT,235.2,T*29
\$GPGLL,3452.2544,N,07439.0057,W,083635,A*3F
\$GPRMC,083635,A,3452.2544,N,07439.0057,W,4.5,238.8,060414,11.9,w*4F
\$GPVTG,238.8,T,250.7,M,4.5,N,8.3,K*45
\$GPZDA,083635,06,04,2014,00,00*46
\$HEHDT,235.5,T*2E
\$GPGBS,083635,,,,,,,,*4A
\$GPGGA,083636,3452.2536,N,07439.0068,W,2,9,0.3,9,M,,M,,*6D

PORT 4 04-06-2014 08:37:26
\$HEHDT,235.6,T*2D
\$GPGLL,3452.2536,N,07439.0068,W,083636,A*35
\$GPRMC,083636,A,3452.2536,N,07439.0068,W,4.4,237.0,060414,11.9,w*43
\$GPVTG,237.0,T,248.9,M,4.4,N,8.1,K*46
\$GPZDA,083636,06,04,2014,00,00*45
\$GPGBS,083636,,,,,,,,*49
\$GPGGA,083637,3452.2528,N,07439.0079,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,236.1,T*29

PORT 4 04-06-2014 08:37:27
\$GPGLL,3452.2528,N,07439.0079,W,083637,A*3B
\$HEHDT,235.4,T*2F
\$GPRMC,083637,A,3452.2528,N,07439.0079,W,4.4,237.0,060414,11.9,w*4D
\$GPVTG,237.0,T,248.9,M,4.4,N,8.1,K*46
\$GPZDA,083637,06,04,2014,00,00*44
\$GPGBS,083637,,,,,,,,*48
\$GPGGA,083638,3452.2520,N,07439.0092,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,235.7,T*2C

PORT 4 04-06-2014 08:37:29
\$GPGLL,3452.2520,N,07439.0092,W,083638,A*39
\$GPRMC,083638,A,3452.2520,N,07439.0092,W,4.4,235.9,060414,11.9,w*44
\$HEHDT,236.0,T*28
\$GPVTG,235.9,T,247.8,M,4.4,N,8.1,K*43
\$GPZDA,083638,06,04,2014,00,00*4B
\$GPGBS,083638,,,,,,,,*47
\$GPGGA,083639,3452.2514,N,07439.0106,W,2,9,0.3,9,M,,M,,*6B
\$HEHDT,235.3,T*28

PORT 4 04-06-2014 08:37:30
\$GPGLL,3452.2514,N,07439.0106,W,083639,A*33
\$GPRMC,083639,A,3452.2514,N,07439.0106,W,4.4,235.6,060414,11.9,w*41
\$GPVTG,235.6,T,247.5,M,4.4,N,8.1,K*41

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\$GPZDA,083639,06,04,2014,00,00*4A
\$HEHDT,235.6,T*2D
\$GPGBS,083639,,,,,*46
\$GPGBS,083640,3452.2509,N,07439.0117,w,2,9,0.3,9,M,,M,,*69
\$HEHDT,235.8,T*23

PORT 4 04-06-2014 08:37:31
\$GPGLL,3452.2509,N,07439.0117,w,083640,A*31
\$GPRMC,083640,A,3452.2509,N,07439.0117,w,4.4,236.0,060414,11.9,w*46
\$GPVTG,236.0,T,247.9,M,4.4,N,8.1,K*48
\$GPZDA,083640,06,04,2014,00,00*44
\$GPGBS,083640,,,,,*48
\$GPGBS,083641,3452.2502,N,07439.0130,w,2,9,0.3,9,M,,M,,*66
\$HEHDT,235.2,T*29

PORT 4 04-06-2014 08:37:32
\$HEHDT,235.0,T*2B
\$GPGLL,3452.2502,N,07439.0130,w,083641,A*3E
\$GPRMC,083641,A,3452.2502,N,07439.0130,w,4.4,236.7,060414,11.9,w*4E
\$GPVTG,236.7,T,248.6,M,4.4,N,8.1,K*4F
\$GPZDA,083641,06,04,2014,00,00*45
\$GPGBS,083641,,,,,*49
\$HEHDT,235.0,T*2B
\$GPGBS,083642,3452.2496,N,07439.0144,w,2,9,0.3,9,M,,M,,*6A

PORT 4 04-06-2014 08:37:33
\$GPGLL,3452.2496,N,07439.0144,w,083642,A*32
\$GPRMC,083642,A,3452.2496,N,07439.0144,w,4.4,238.4,060414,11.9,w*4F
\$HEHDT,234.5,T*2F
\$GPVTG,238.4,T,250.3,M,4.4,N,8.1,K*4E
\$GPZDA,083642,06,04,2014,00,00*46
\$GPGBS,083642,,,,,*4A
\$GPGBS,083643,3452.2488,N,07439.0157,w,2,9,0.3,9,M,,M,,*66
\$HEHDT,234.5,T*2F

PORT 4 04-06-2014 08:37:34
\$GPGLL,3452.2488,N,07439.0157,w,083643,A*3E
\$HEHDT,234.7,T*2D
\$GPRMC,083643,A,3452.2488,N,07439.0157,w,4.4,238.4,060414,11.9,w*43
\$GPVTG,238.4,T,250.3,M,4.4,N,8.1,K*4E
\$GPZDA,083643,06,04,2014,00,00*47
\$GPGBS,083643,,,,,*4B
\$GPGBS,083644,3452.2481,N,07439.0168,w,2,6,0.4,9,M,,M,,*6C
\$HEHDT,234.5,T*2F
\$GPGLL,3452.2481,N,07439.0168,w,083644,A*3C
\$GPRMC,083644,A,3452.2481,N,07439.0168,w,4.4,238.3,060414,11.9,w*46
\$GPVTG,238.3,T,250.2,M,4.4,N,8.1,K*48
\$GPZDA,083644,06,04,2014,00,00*40
\$HEHDT,235.2,T*29
\$GPGBS,083644,,,,,*4C
\$GPGBS,083645,3452.2473,N,07439.0182,w,2,6,0.3,9,M,,M,,*63
PORT 12000 04-06-2014 08:37:34
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PORT 4 04-06-2014 08:37:35
\$HEHDT,235.9,T*22
\$GPGLL,3452.2473,N,07439.0182,w,083645,A*34
\$GPRMC,083645,A,3452.2473,N,07439.0182,w,4.4,237.7,060414,11.9,w*45
\$GPVTG,237.7,T,249.6,M,4.4,N,8.1,K*4F
\$GPZDA,083645,06,04,2014,00,00*41
\$GPGBS,083645,,,,,*4D
\$HEHDT,235.6,T*2D
\$GPGBS,083646,3452.2467,N,07439.0194,w,2,9,0.3,9,M,,M,,*6D

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PORT 4 04-06-2014 08:37:36
\$HEHDT,236.2,T*2A
\$GPGLL,3452.2467,N,07439.0194,W,083646,A*35
\$GPRMC,083646,A,3452.2467,N,07439.0194,W,4.4,237.2,060414,11.9,W*41
\$GPVTG,237.2,T,249.1,M,4.4,N,8.1,K*4D
\$GPZDA,083646,06,04,2014,00,00*42
\$GPGBS,083646,,,,,,,,*4E
\$GPGGA,083647,3452.2460,N,07439.0208,W,2,9,0.4,9,M,,M,,*6A
\$HEHDT,236.5,T*2D

PORT 4 04-06-2014 08:37:38
\$HEHDT,236.3,T*2B
\$GPGLL,3452.2460,N,07439.0208,W,083647,A*35
\$GPRMC,083647,A,3452.2460,N,07439.0208,W,4.4,237.0,060414,11.9,W*43
\$GPVTG,237.0,T,248.9,M,4.4,N,8.1,K*46
\$GPZDA,083647,06,04,2014,00,00*43
\$GPGBS,083647,,,,,,,,*4F
\$GPGGA,083648,3452.2455,N,07439.0220,W,2,6,0.4,9,M,,M,,*66
\$HEHDT,236.6,T*2E

PORT 4 04-06-2014 08:37:39
\$GPGLL,3452.2455,N,07439.0220,W,083648,A*36
\$HEHDT,235.9,T*22
\$GPRMC,083648,A,3452.2455,N,07439.0220,W,4.4,237.0,060414,11.9,W*40
\$GPVTG,237.0,T,248.9,M,4.4,N,8.1,K*46
\$GPZDA,083648,06,04,2014,00,00*4C
\$GPGBS,083648,,,,,,,,*40
\$GPGGA,083649,3452.2448,N,07439.0233,W,2,6,0.4,9,M,,M,,*69
\$HEHDT,236.1,T*29

PORT 5 04-06-2014 08:37:41
IN
PORT 4 04-06-2014 08:37:41
\$GPGLL,3452.2448,N,07439.0233,W,083649,A*39
\$GPRMC,083649,A,3452.2448,N,07439.0233,W,4.5,237.2,060414,11.9,W*4C
\$HEHDT,236.4,T*2C
\$GPVTG,237.2,T,249.1,M,4.5,N,8.3,K*4E
\$GPZDA,083649,06,04,2014,00,00*4D
\$GPGBS,083649,,,,,,,,*41
\$GPGGA,083650,3452.2442,N,07439.0245,W,2,6,0.4,9,M,,M,,*6A
\$HEHDT,236.0,T*28
\$GPGLL,3452.2442,N,07439.0245,W,083650,A*3A
\$GPRMC,083650,A,3452.2442,N,07439.0245,W,4.4,237.1,060414,11.9,W*4D
\$GPVTG,237.1,T,249.0,M,4.4,N,8.1,K*4F
\$GPZDA,083650,06,04,2014,00,00*45
\$HEHDT,236.6,T*2E
\$GPGBS,083650,,,,,,,,*49
\$GPGGA,083651,3452.2435,N,07439.0258,W,2,6,0.4,9,M,,M,,*67

PORT 4 04-06-2014 08:37:42
\$HEHDT,237.3,T*2A
\$GPGLL,3452.2435,N,07439.0258,W,083651,A*37
\$GPRMC,083651,A,3452.2435,N,07439.0258,W,4.4,237.1,060414,11.9,W*40
\$GPVTG,237.1,T,249.0,M,4.4,N,8.1,K*4F
\$GPZDA,083651,06,04,2014,00,00*44
\$HEHDT,237.0,T*29
\$GPGBS,083651,,,,,,,,*48
\$GPGGA,083652,3452.2430,N,07439.0270,W,2,8,0.3,9,M,,M,,*62

PORT 4 04-06-2014 08:37:43
\$HEHDT,237.6,T*2F
\$GPGLL,3452.2430,N,07439.0270,W,083652,A*3B

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\$GPRMC,083652,A,3452.2430,N,07439.0270,W,4.4,237.2,060414,11.9,w*4F
\$GPVTG,237.2,T,249.1,M,4.4,N,8.1,K*4D
\$GPZDA,083652,06,04,2014,00,00*47
\$GPGBS,083652,,,,,,,,*4B
\$GPGGA,083653,3452.2424,N,07439.0284,W,2,8,0.3,9,M,,M,,*6D
\$HEHDT,238.2,T*24

PORT 5 04-06-2014 08:37:44
04274 mS

*
PORT 4 04-06-2014 08:37:44
\$GPGLL,3452.2424,N,07439.0284,W,083653,A*34
\$HEHDT,237.8,T*21
\$GPRMC,083653,A,3452.2424,N,07439.0284,W,4.4,237.8,060414,11.9,w*4A
\$GPVTG,237.8,T,249.7,M,4.4,N,8.1,K*41
\$GPZDA,083653,06,04,2014,00,00*46
\$GPGBS,083653,,,,,,,,*4A
\$GPGGA,083654,3452.2419,N,07439.0296,W,2,9,0.3,9,M,,M,,*66
\$HEHDT,238.4,T*22

PORT 12000 04-06-2014 08:37:44
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:37:45
\$GPGLL,3452.2419,N,07439.0296,W,083654,A*3E
\$GPRMC,083654,A,3452.2419,N,07439.0296,W,4.4,238.6,060414,11.9,w*41
\$HEHDT,239.0,T*27
\$GPVTG,238.6,T,250.5,M,4.4,N,8.1,K*4A
\$GPZDA,083654,06,04,2014,00,00*41
\$GPGBS,083654,,,,,,,,*4D
\$GPGGA,083655,3452.2412,N,07439.0309,W,2,9,0.3,9,M,,M,,*6B
\$HEHDT,238.4,T*22

PORT 4 04-06-2014 08:37:46
\$GPGLL,3452.2412,N,07439.0309,W,083655,A*33
\$GPRMC,083655,A,3452.2412,N,07439.0309,W,4.4,239.0,060414,11.9,w*4B
\$GPVTG,239.0,T,250.9,M,4.4,N,8.1,K*41
\$HEHDT,239.1,T*26
\$GPZDA,083655,06,04,2014,00,00*40
\$GPGBS,083655,,,,,,,,*4C
\$GPGGA,083656,3452.2405,N,07439.0321,W,2,8,0.3,9,M,,M,,*65
\$HEHDT,239.6,T*21
\$GPGLL,3452.2405,N,07439.0321,W,083656,A*3C
\$GPRMC,083656,A,3452.2405,N,07439.0321,W,4.4,239.1,060414,11.9,w*45
\$GPVTG,239.1,T,251.0,M,4.4,N,8.1,K*48
\$GPZDA,083656,06,04,2014,00,00*43
\$GPGBS,083656,,,,,,,,*4F
\$HEHDT,239.8,T*2F
\$GPGGA,083657,3452.2399,N,07439.0334,W,2,8,0.3,9,M,,M,,*62

PORT 4 04-06-2014 08:37:47
\$HEHDT,240.3,T*2A
\$GPGLL,3452.2399,N,07439.0334,W,083657,A*3B
\$GPRMC,083657,A,3452.2399,N,07439.0334,W,4.4,239.1,060414,11.9,w*42
\$GPVTG,239.1,T,251.0,M,4.4,N,8.1,K*48
\$GPZDA,083657,06,04,2014,00,00*42
\$GPGBS,083657,,,,,,,,*4E
\$HEHDT,240.8,T*21
\$GPGGA,083658,3452.2393,N,07439.0348,W,2,9,0.3,9,M,,M,,*6D

PORT 4 04-06-2014 08:37:49
\$GPGLL,3452.2393,N,07439.0348,W,083658,A*35
\$HEHDT,241.0,T*28
\$GPRMC,083658,A,3452.2393,N,07439.0348,W,4.4,239.3,060414,11.9,w*4E

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\$GPVTG,239.3,T,251.2,M,4.4,N,8.1,K*48
\$GPZDA,083658,06,04,2014,00,00*4D
\$GPGBS,083658,,,,,,,,*41
\$GPGGA,083659,3452.2387,N,07439.0360,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,241.5,T*2D

PORT 4 04-06-2014 08:37:50
\$GPGLL,3452.2387,N,07439.0360,W,083659,A*3B
\$GPRMC,083659,A,3452.2387,N,07439.0360,W,4.4,239.3,060414,11.9,W*40
\$HEHDT,241.6,T*2E
\$GPVTG,239.3,T,251.2,M,4.4,N,8.1,K*48
\$GPZDA,083659,06,04,2014,00,00*4C
\$GPGBS,083659,,,,,,,,*40
\$GPGGA,083700,3452.2381,N,07439.0374,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,242.5,T*2E

PORT 4 04-06-2014 08:37:51
\$GPGLL,3452.2381,N,07439.0374,W,083700,A*35
\$GPRMC,083700,A,3452.2381,N,07439.0374,W,4.4,239.5,060414,11.9,W*48
\$GPVTG,239.5,T,251.4,M,4.4,N,8.1,K*48
\$HEHDT,243.1,T*2B
\$GPZDA,083700,06,04,2014,00,00*41
\$GPGBS,083700,,,,,,,,*4D
\$GPGGA,083701,3452.2377,N,07439.0388,W,2,9,0.3,9,M,,M,,*66

PORT 4 04-06-2014 08:37:52
\$HEHDT,243.8,T*22
\$GPGLL,3452.2377,N,07439.0388,W,083701,A*3E
\$GPRMC,083701,A,3452.2377,N,07439.0388,W,4.4,240.2,060414,11.9,W*4A
\$GPVTG,240.2,T,252.1,M,4.4,N,8.1,K*47
\$HEHDT,244.5,T*28
\$GPZDA,083701,06,04,2014,00,00*40
\$GPGBS,083701,,,,,,,,*4C
\$GPGGA,083702,3452.2372,N,07439.0401,W,2,9,0.3,9,M,,M,,*66

PORT 4 04-06-2014 08:37:53
\$HEHDT,245.1,T*2D
\$GPGLL,3452.2372,N,07439.0401,W,083702,A*3E
\$GPRMC,083702,A,3452.2372,N,07439.0401,W,4.4,242.4,060414,11.9,W*4E
\$GPVTG,242.4,T,254.3,M,4.4,N,8.1,K*47
\$GPZDA,083702,06,04,2014,00,00*43
\$GPGBS,083702,,,,,,,,*4F
\$GPGGA,083703,3452.2366,N,07439.0414,W,2,9,0.3,9,M,,M,,*66
\$HEHDT,245.5,T*29

PORT 4 04-06-2014 08:37:54
\$HEHDT,246.3,T*2C
\$GPGLL,3452.2366,N,07439.0414,W,083703,A*3E
\$GPRMC,083703,A,3452.2366,N,07439.0414,W,4.4,242.7,060414,11.9,W*4D
\$GPVTG,242.7,T,254.6,M,4.4,N,8.1,K*41
\$GPZDA,083703,06,04,2014,00,00*42
\$GPGBS,083703,,,,,,,,*4E
\$GPGGA,083704,3452.2362,N,07439.0428,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,246.1,T*2E
PORT 12000 04-06-2014 08:37:54
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:37:55
\$GPGLL,3452.2362,N,07439.0428,W,083704,A*32
\$GPRMC,083704,A,3452.2362,N,07439.0428,W,4.3,243.3,060414,11.9,W*43
\$HEHDT,246.7,T*28
\$GPVTG,243.3,T,255.2,M,4.3,N,8.0,K*47
\$GPZDA,083704,06,04,2014,00,00*45

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\$GPGBS,083704,,,,,,,,*49
\$GPGGA,083705,3452.2358,N,07439.0440,W,2,9,0.3,9,M,,M,,*6C
\$HEHDT,247.1,T*2F

PORT 4 04-06-2014 08:37:56
\$GPGLL,3452.2358,N,07439.0440,W,083705,A*34
\$GPRMC,083705,A,3452.2358,N,07439.0440,W,4.3,244.1,060414,11.9,W*40
\$HEHDT,247.4,T*2A
\$GPVTG,244.1,T,256.0,M,4.3,N,8.0,K*43
\$GPZDA,083705,06,04,2014,00,00*44
\$GPGBS,083705,,,,,,,,*48
\$GPGGA,083706,3452.2354,N,07439.0453,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,248.1,T*20

PORT 4 04-06-2014 08:37:57
\$GPGLL,3452.2354,N,07439.0453,W,083706,A*39
\$GPRMC,083706,A,3452.2354,N,07439.0453,W,4.3,245.2,060414,11.9,W*4F
\$GPVTG,245.2,T,257.1,M,4.3,N,8.0,K*41
\$GPZDA,083706,06,04,2014,00,00*47
\$HEHDT,248.8,T*29
\$GPGBS,083706,,,,,,,,*4B
\$GPGGA,083707,3452.2350,N,07439.0468,W,2,9,0.3,9,M,,M,,*6C

PORT 4 04-06-2014 08:37:58
\$HEHDT,249.8,T*28
\$GPGLL,3452.2350,N,07439.0468,W,083707,A*34
\$GPRMC,083707,A,3452.2350,N,07439.0468,W,4.3,245.6,060414,11.9,W*46
\$GPVTG,245.6,T,257.5,M,4.3,N,8.0,K*41
\$GPZDA,083707,06,04,2014,00,00*46
\$HEHDT,250.9,T*21
\$GPGBS,083707,,,,,,,,*4A
\$GPGGA,083708,3452.2344,N,07439.0482,W,2,9,0.3,8,M,,M,,*63

PORT 4 04-06-2014 08:37:59
\$HEHDT,252.0,T*2A
\$GPGLL,3452.2344,N,07439.0482,W,083708,A*3A
\$GPRMC,083708,A,3452.2344,N,07439.0482,W,4.3,245.8,060414,11.9,W*46
\$GPVTG,245.8,T,257.7,M,4.3,N,8.0,K*4D
\$GPZDA,083708,06,04,2014,00,00*49
\$GPGBS,083708,,,,,,,,*45
\$GPGGA,083709,3452.2339,N,07439.0494,W,2,9,0.3,8,M,,M,,*6F
\$HEHDT,252.4,T*2E

PORT 4 04-06-2014 08:38:00
\$GPGLL,3452.2339,N,07439.0494,W,083709,A*36
\$HEHDT,253.3,T*28
\$GPRMC,083709,A,3452.2339,N,07439.0494,W,4.3,245.9,060414,11.9,W*4B
\$GPVTG,245.9,T,257.8,M,4.3,N,8.0,K*43
\$GPZDA,083709,06,04,2014,00,00*48
\$GPGBS,083709,,,,,,,,*44
\$GPGGA,083710,3452.2336,N,07439.0507,W,2,9,0.3,8,M,,M,,*63
\$HEHDT,253.6,T*2D

PORT 4 04-06-2014 08:38:01
\$GPGLL,3452.2336,N,07439.0507,W,083710,A*3A
\$GPRMC,083710,A,3452.2336,N,07439.0507,W,4.3,245.9,060414,11.9,W*47
\$GPVTG,245.9,T,257.8,M,4.3,N,8.0,K*43
\$HEHDT,254.5,T*29
\$GPZDA,083710,06,04,2014,00,00*40
\$GPGBS,083710,,,,,,,,*4C
\$GPGGA,083711,3452.2332,N,07439.0522,W,2,9,0.3,8,M,,M,,*61
\$HEHDT,254.9,T*25
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PORT 4 04-06-2014 08:38:02

\$GPGLL,3452.2332,N,07439.0522,W,083711,A*38
\$GPRMC,083711,A,3452.2332,N,07439.0522,W,4.2,246.3,060414,11.9,W*4D
\$GPVTG,246.3,T,258.2,M,4.2,N,7.8,K*49
\$HEHDT,256.0,T*2E
\$GPZDA,083711,06,04,2014,00,00*41
\$GPGGBS,083711,,,,,,,,*4D
\$GPGGA,083712,3452.2332,N,07439.0536,W,2,9,0.3,8,M,,M,,*67
\$HEHDT,256.7,T*29

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PORT 4 04-06-2014 08:38:03

\$GPGLL,3452.2332,N,07439.0536,W,083712,A*3E
\$GPRMC,083712,A,3452.2332,N,07439.0536,W,4.3,250.5,060414,11.9,W*4B
\$GPVTG,250.5,T,262.4,M,4.3,N,8.0,K*41
\$GPZDA,083712,06,04,2014,00,00*42
\$GPGGBS,083712,,,,,,,,*4E
\$HEHDT,257.3,T*2C
\$GPGGA,083713,3452.2330,N,07439.0552,W,2,9,0.3,8,M,,M,,*66

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PORT 4 04-06-2014 08:38:05

\$GPGLL,3452.2330,N,07439.0552,W,083713,A*3F
\$HEHDT,257.9,T*26
\$GPRMC,083713,A,3452.2330,N,07439.0552,W,4.3,253.5,060414,11.9,W*49
\$GPVTG,253.5,T,265.4,M,4.3,N,8.0,K*45
\$GPZDA,083713,06,04,2014,00,00*43
\$GPGGBS,083713,,,,,,,,*4F
\$GPGGA,083714,3452.2329,N,07439.0565,W,2,8,0.3,8,M,,M,,*6C
\$HEHDT,258.9,T*29
\$GPGLL,3452.2329,N,07439.0565,W,083714,A*34
\$GPRMC,083714,A,3452.2329,N,07439.0565,W,4.3,253.5,060414,11.9,W*42
\$HEHDT,259.5,T*24
\$GPVTG,253.5,T,265.4,M,4.3,N,8.0,K*45
\$GPZDA,083714,06,04,2014,00,00*44
\$GPGGBS,083714,,,,,,,,*48
\$GPGGA,083715,3452.2326,N,07439.0577,W,2,8,0.3,8,M,,M,,*61
\$HEHDT,260.6,T*2D

PORT 12000 04-06-2014 08:38:05

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PORT 4 04-06-2014 08:38:06

\$GPGLL,3452.2326,N,07439.0577,W,083715,A*39
\$GPRMC,083715,A,3452.2326,N,07439.0577,W,4.2,255.1,060414,11.9,W*4C
\$HEHDT,261.2,T*28
\$GPVTG,255.1,T,267.0,M,4.2,N,7.8,K*47
\$GPZDA,083715,06,04,2014,00,00*45
\$GPGGBS,083715,,,,,,,,*49
\$GPGGA,083716,3452.2322,N,07439.0591,W,2,9,0.3,8,M,,M,,*6F
\$HEHDT,262.0,T*29

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PORT 4 04-06-2014 08:38:07

\$GPGLL,3452.2322,N,07439.0591,W,083716,A*36
\$GPRMC,083716,A,3452.2322,N,07439.0591,W,4.0,255.0,060414,11.9,W*40
\$HEHDT,262.6,T*2F
\$GPVTG,255.0,T,266.9,M,4.0,N,7.4,K*40
\$GPZDA,083716,06,04,2014,00,00*46
\$GPGGBS,083716,,,,,,,,*4A
\$GPGGA,083717,3452.2320,N,07439.0605,W,2,9,0.3,8,M,,M,,*62

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PORT 4 04-06-2014 08:38:08

\$HEHDT,263.8,T*20
\$GPGLL,3452.2320,N,07439.0605,W,083717,A*3B
\$GPRMC,083717,A,3452.2320,N,07439.0605,W,4.1,255.1,060414,11.9,W*4D
\$GPVTG,255.1,T,267.0,M,4.1,N,7.6,K*4A

S01_C04_survey.Log

\$GPZDA,083717,06,04,2014,00,00*47
\$GPGBS,083717,,,,,*4B
\$HEHDT,264.3,T*2C
\$GPGGA,083718,3452.2319,N,07439.0616,W,2,9,0.3,8,M,,M,,*65

PORT 4 04-06-2014 08:38:09
\$HEHDT,265.1,T*2F
\$GPGLL,3452.2319,N,07439.0616,W,083718,A*3C
\$GPRMC,083718,A,3452.2319,N,07439.0616,W,4.1,255.1,060414,11.9,W*4A
\$GPVTG,255.1,T,267.0,M,4.1,N,7.6,K*4A
\$GPZDA,083718,06,04,2014,00,00*48
\$GPGBS,083718,,,,,*44
\$GPGGA,083719,3452.2321,N,07439.0630,W,2,9,0.3,8,M,,M,,*6B
\$HEHDT,266.2,T*2F

PORT 4 04-06-2014 08:38:10
\$GPGLL,3452.2321,N,07439.0630,W,083719,A*32
\$HEHDT,267.1,T*2D
\$GPRMC,083719,A,3452.2321,N,07439.0630,W,4.0,258.8,060414,11.9,W*41
\$GPVTG,258.8,T,270.7,M,4.0,N,7.4,K*4C
\$GPZDA,083719,06,04,2014,00,00*49
\$GPGBS,083719,,,,,*45
\$GPGGA,083720,3452.2321,N,07439.0643,W,2,9,0.3,8,M,,M,,*65
\$HEHDT,268.0,T*23

PORT 4 04-06-2014 08:38:11
\$GPGLL,3452.2321,N,07439.0643,W,083720,A*3C
\$GPRMC,083720,A,3452.2321,N,07439.0643,W,4.0,258.8,060414,11.9,W*4F
\$HEHDT,269.1,T*23
\$GPVTG,258.8,T,270.7,M,4.0,N,7.4,K*4C
\$GPZDA,083720,06,04,2014,00,00*43
\$GPGBS,083720,,,,,*4F
\$GPGGA,083721,3452.2323,N,07439.0657,W,2,9,0.3,8,M,,M,,*63
\$HEHDT,269.7,T*25

PORT 4 04-06-2014 08:38:12
\$GPGLL,3452.2323,N,07439.0657,W,083721,A*3A
\$HEHDT,270.3,T*29
\$GPRMC,083721,A,3452.2323,N,07439.0657,W,4.0,264.1,060414,11.9,W*4F
\$GPVTG,264.1,T,276.0,M,4.0,N,7.4,K*4B
\$GPZDA,083721,06,04,2014,00,00*42
\$GPGBS,083721,,,,,*4E
\$GPGGA,083722,3452.2325,N,07439.0670,W,2,8,0.3,8,M,,M,,*62
\$HEHDT,271.3,T*28

PORT 4 04-06-2014 08:38:13
\$GPGLL,3452.2325,N,07439.0670,W,083722,A*3A
\$GPRMC,083722,A,3452.2325,N,07439.0670,W,4.0,264.1,060414,11.9,W*4F
\$GPVTG,264.1,T,276.0,M,4.0,N,7.4,K*4B
\$HEHDT,271.7,T*2C
\$GPZDA,083722,06,04,2014,00,00*41
\$GPGBS,083722,003.1,003.3,002.8,12,0.05,0018.2,012.5*4E
\$GPGGA,083723,3452.2325,N,07439.0681,W,2,8,0.3,8,M,,M,,*6D

PORT 4 04-06-2014 08:38:14
\$HEHDT,272.5,T*2D
\$GPGLL,3452.2325,N,07439.0681,W,083723,A*35
\$GPRMC,083723,A,3452.2325,N,07439.0681,W,4.0,266.5,060414,11.9,W*46
\$GPVTG,266.5,T,278.4,M,4.0,N,7.4,K*47
\$GPZDA,083723,06,04,2014,00,00*40
\$HEHDT,273.3,T*2A
\$GPGBS,083723,,,,,*4C
\$GPGGA,083724,3452.2325,N,07439.0695,W,2,9,0.3,8,M,,M,,*6E

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PORT 4 04-06-2014 08:38:15
\$HEHDT,274.6,T*28
\$GPGLL,3452.2325,N,07439.0695,W,083724,A*37
\$GPRMC,083724,A,3452.2325,N,07439.0695,W,3.9,267.1,060414,11.9,W*4F
\$GPVTG,267.1,T,279.0,M,3.9,N,7.2,K*4F
\$GPZDA,083724,06,04,2014,00,00*47
\$GPGBS,083724,,,,,,,,*4B
\$HEHDT,275.7,T*28
\$GPGGA,083725,3452.2328,N,07439.0706,W,2,9,0.3,8,M,,M,,*69

PORT 4 04-06-2014 08:38:16
\$GPGLL,3452.2328,N,07439.0706,W,083725,A*30
\$HEHDT,276.9,T*25
\$GPRMC,083725,A,3452.2328,N,07439.0706,W,3.9,267.1,060414,11.9,W*48
\$GPVTG,267.1,T,279.0,M,3.9,N,7.2,K*4F
\$GPZDA,083725,06,04,2014,00,00*46
\$GPGBS,083725,003.3,002.8,002.5,12,0.05,0019.1,012.5*4E
\$GPGGA,083726,3452.2331,N,07439.0721,W,2,9,0.3,8,M,,M,,*67
\$HEHDT,277.8,T*25

PORT 4 04-06-2014 08:38:17
\$GPGLL,3452.2331,N,07439.0721,W,083726,A*3E
\$GPRMC,083726,A,3452.2331,N,07439.0721,W,3.9,271.1,060414,11.9,W*41
\$GPVTG,271.1,T,283.0,M,3.9,N,7.2,K*4D
\$HEHDT,278.5,T*27
\$GPZDA,083726,06,04,2014,00,00*45
\$GPGBS,083726,,,,,,,,*49
\$GPGGA,083727,3452.2332,N,07439.0732,W,2,9,0.3,8,M,,M,,*67
\$HEHDT,279.0,T*23

PORT 4 04-06-2014 08:38:18
\$GPGLL,3452.2332,N,07439.0732,W,083727,A*3E
\$GPRMC,083727,A,3452.2332,N,07439.0732,W,3.9,273.0,060414,11.9,W*42
\$GPVTG,273.0,T,284.9,M,3.9,N,7.2,K*40
\$HEHDT,279.8,T*2B
\$GPZDA,083727,06,04,2014,00,00*44
\$GPGBS,083727,,,,,,,,*48
\$GPGGA,083728,3452.2334,N,07439.0744,W,2,9,0.3,8,M,,M,,*6F
\$HEHDT,280.3,T*26

PORT 4 04-06-2014 08:38:19
\$GPGLL,3452.2334,N,07439.0744,W,083728,A*36
\$GPRMC,083728,A,3452.2334,N,07439.0744,W,3.8,274.2,060414,11.9,W*4E
\$GPVTG,274.2,T,286.1,M,3.8,N,7.0,K*4C
\$GPZDA,083728,06,04,2014,00,00*4B
\$HEHDT,281.4,T*20
\$GPGBS,083728,,,,,,,,*47
\$GPGGA,083729,3452.2336,N,07439.0757,W,2,9,0.3,9,M,,M,,*6F

PORT 4 04-06-2014 08:38:20
\$HEHDT,282.4,T*23
\$GPGLL,3452.2336,N,07439.0757,W,083729,A*37
\$GPRMC,083729,A,3452.2336,N,07439.0757,W,3.8,275.2,060414,11.9,W*4E
\$GPVTG,275.2,T,287.1,M,3.8,N,7.0,K*4C
\$GPZDA,083729,06,04,2014,00,00*4A
\$GPGBS,083729,,,,,,,,*46
\$GPGGA,083730,3452.2338,N,07439.0771,W,2,8,0.3,9,M,,M,,*6C
\$HEHDT,283.4,T*22

PORT 4 04-06-2014 08:38:21

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\$GPGLL,3452.2338,N,07439.0771,w,083730,A*35
\$HEHDT,284.6,T*27
\$GPRMC,083730,A,3452.2338,N,07439.0771,w,3.8,276.2,060414,11.9,w*4F
\$GPVTG,276.2,T,288.1,M,3.8,N,7.0,K*40
\$GPZDA,083730,06,04,2014,00,00*42
\$GPGBS,083730,,,,,,,,*4E
\$GPGGA,083731,3452.2341,N,07439.0784,w,2,8,0.3,9,M,,M,,*69
\$HEHDT,285.6,T*26

PORT 4 04-06-2014 08:38:22
\$GPGLL,3452.2341,N,07439.0784,w,083731,A*30
\$HEHDT,286.3,T*20
\$GPRMC,083731,A,3452.2341,N,07439.0784,w,3.8,277.9,060414,11.9,w*40
\$GPVTG,277.9,T,289.8,M,3.8,N,7.0,K*42
\$GPZDA,083731,06,04,2014,00,00*43
\$GPGBS,083731,,,,,,,,*4F
\$GPGGA,083732,3452.2347,N,07439.0794,w,2,8,0.3,9,M,,M,,*6D
\$HEHDT,287.0,T*22

PORT 4 04-06-2014 08:38:23
\$GPGLL,3452.2347,N,07439.0794,w,083732,A*34
\$GPRMC,083732,A,3452.2347,N,07439.0794,w,3.8,277.9,060414,11.9,w*44
\$GPVTG,277.9,T,289.8,M,3.8,N,7.0,K*42
\$HEHDT,287.8,T*2A
\$GPZDA,083732,06,04,2014,00,00*40
\$GPGBS,083732,002.7,001.7,002.1,12,0.05,0017.8,012.5*42
\$GPGGA,083733,3452.2354,N,07439.0807,w,2,8,0.3,9,M,,M,,*6B
\$HEHDT,288.7,T*2A

PORT 4 04-06-2014 08:38:24
\$GPGLL,3452.2354,N,07439.0807,w,083733,A*32
\$GPRMC,083733,A,3452.2354,N,07439.0807,w,3.8,284.8,060414,11.9,w*4F
\$GPVTG,284.8,T,296.7,M,3.8,N,7.0,K*4E
\$HEHDT,289.7,T*2B
\$GPZDA,083733,06,04,2014,00,00*41
\$GPGBS,083733,,,,,,,,*4D
\$GPGGA,083734,3452.2364,N,07439.0814,w,2,8,0.3,9,M,,M,,*6D
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PORT 12000 04-06-2014 08:38:24
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\$GPGLL,3452.2364,N,07439.0814,w,083734,A*34
\$GPRMC,083734,A,3452.2364,N,07439.0814,w,3.8,284.8,060414,11.9,w*49
\$GPVTG,284.8,T,296.7,M,3.8,N,7.0,K*4E
\$GPZDA,083734,06,04,2014,00,00*46
\$HEHDT,291.8,T*2D
\$GPGBS,083734,008.3,007.9,007.5,12,0.05,0052.6,012.5*4C
\$GPGGA,083735,3452.2368,N,07439.0826,w,2,8,0.3,9,M,,M,,*61
\$HEHDT,292.7,T*21
\$GPGLL,3452.2368,N,07439.0826,w,083735,A*38
\$GPRMC,083735,A,3452.2368,N,07439.0826,w,3.8,287.5,060414,11.9,w*4B
\$GPVTG,287.5,T,299.4,M,3.8,N,7.0,K*4C
\$GPZDA,083735,06,04,2014,00,00*47
\$GPGBS,083735,002.2,001.9,001.7,12,0.05,0019.3,012.5*4E
\$HEHDT,293.5,T*22
\$GPGGA,083736,3452.2374,N,07439.0836,w,2,9,0.3,9,M,,M,,*6F

PORT 4 04-06-2014 08:38:27
\$GPGLL,3452.2374,N,07439.0836,w,083736,A*37
\$HEHDT,294.4,T*24
\$GPRMC,083736,A,3452.2374,N,07439.0836,w,3.9,288.8,060414,11.9,w*47
\$GPVTG,288.8,T,300.7,M,3.9,N,7.2,K*4F

S01_C04_survey.Log

\$GPZDA,083736,06,04,2014,00,00*44
\$GPGBS,083736,003.7,003.1,004.1,12,0.05,0017.6,012.5*4B
\$GPGGA,083737,3452.2378,N,07439.0847,W,2,9,0.3,9,M,,M,,*64
\$HEHDT,295.2,T*23

PORT 4 04-06-2014 08:38:28
\$GPGLL,3452.2378,N,07439.0847,W,083737,A*3C
\$GPRMC,083737,A,3452.2378,N,07439.0847,W,3.8,289.4,060414,11.9,W*40
\$HEHDT,296.1,T*23
\$GPVTG,289.4,T,301.3,M,3.8,N,7.0,K*44
\$GPZDA,083737,06,04,2014,00,00*45
\$GPGBS,083737,004.1,002.3,003.0,12,0.05,0017.2,012.5*4A
\$GPGGA,083738,3452.2382,N,07439.0859,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,296.8,T*2A

PORT 4 04-06-2014 08:38:29
\$GPGLL,3452.2382,N,07439.0859,W,083738,A*39
\$GPRMC,083738,A,3452.2382,N,07439.0859,W,3.8,290.5,060414,11.9,W*4C
\$GPVTG,290.5,T,302.4,M,3.8,N,7.0,K*49
\$GPZDA,083738,06,04,2014,00,00*4A
\$HEHDT,297.8,T*2B
\$GPGBS,083738,,,,,,*46
\$GPGGA,083739,3452.2388,N,07439.0870,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,298.1,T*2D
\$GPGLL,3452.2388,N,07439.0870,W,083739,A*39
\$GPRMC,083739,A,3452.2388,N,07439.0870,W,3.8,293.1,060414,11.9,W*4B
\$GPVTG,293.1,T,305.0,M,3.8,N,7.0,K*4D
\$GPZDA,083739,06,04,2014,00,00*4B
\$GPGBS,083739,,,,,,*47
\$HEHDT,299.2,T*2F
\$GPGGA,083740,3452.2388,N,07439.0870,W,2,8,0.3,9,M,,M,,*6E

PORT 4 04-06-2014 08:38:31
\$HEHDT,299.9,T*24
\$GPGLL,3452.2388,N,07439.0870,W,083740,A*37
\$GPRMC,083740,A,3452.2388,N,07439.0870,W,3.8,293.1,060414,11.9,W*45
\$GPVTG,293.1,T,305.0,M,3.8,N,7.0,K*4D
\$GPZDA,083740,06,04,2014,00,00*45
\$GPGBS,083740,,,,,,*49
\$HEHDT,300.8,T*24
\$GPGGA,083741,3452.2403,N,07439.0890,W,2,8,0.3,9,M,,M,,*65

PORT 4 04-06-2014 08:38:32
\$GPGLL,3452.2403,N,07439.0890,W,083741,A*3C
\$HEHDT,302.1,T*2F
\$GPRMC,083741,A,3452.2403,N,07439.0890,W,3.8,296.0,060414,11.9,W*4A
\$GPVTG,296.0,T,307.9,M,3.8,N,7.0,K*42
\$GPZDA,083741,06,04,2014,00,00*44
\$GPGBS,083741,004.2,002.9,003.6,12,0.05,0018.2,012.5*4B
\$GPGGA,083742,3452.2410,N,07439.0898,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,303.0,T*2F

PORT 4 04-06-2014 08:38:33
\$GPGLL,3452.2410,N,07439.0898,W,083742,A*35
\$GPRMC,083742,A,3452.2410,N,07439.0898,W,3.7,298.3,060414,11.9,W*41
\$HEHDT,304.1,T*29
\$GPVTG,298.3,T,310.2,M,3.7,N,6.9,K*45
\$GPZDA,083742,06,04,2014,00,00*47
\$GPGBS,083742,002.3,002.4,002.2,12,0.05,0013.5,012.5*4B
\$GPGGA,083743,3452.2417,N,07439.0908,W,2,9,0.3,9,M,,M,,*63
\$HEHDT,305.1,T*28

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\$GPGLL,3452.2417,N,07439.0908,W,083743,A*3B
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\$GPVTG,300.3,T,312.2,M,3.7,N,6.9,K*47
\$HEHDT,305.9,T*20
\$GPZDA,083743,06,04,2014,00,00*46
\$GPGBS,083743,001.8,002.3,002.1,12,0.05,0011.5,012.5*44
\$GPGGA,083744,3452.2422,N,07439.0919,W,2,9,0.4,9,M,,M,,*65
\$HEHDT,307.2,T*29
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\$GPGLL,3452.2422,N,07439.0919,W,083744,A*3A
\$GPRMC,083744,A,3452.2422,N,07439.0919,W,3.8,303.4,060414,11.9,W*45
\$GPVTG,303.4,T,315.3,M,3.8,N,7.0,K*42
\$GPZDA,083744,06,04,2014,00,00*41
\$GPGBS,083744,,,,,,*4D
\$HEHDT,308.1,T*25
\$GPGGA,083745,3452.2430,N,07439.0928,W,2,9,0.3,9,M,,M,,*62

PORT 4 04-06-2014 08:38:36
\$HEHDT,309.1,T*24
\$GPGLL,3452.2430,N,07439.0928,W,083745,A*3A
\$GPRMC,083745,A,3452.2430,N,07439.0928,W,3.8,304.4,060414,11.9,W*42
\$GPVTG,304.4,T,316.3,M,3.8,N,7.0,K*46
\$GPZDA,083745,06,04,2014,00,00*40
\$GPGBS,083745,,,,,,*4C
\$GPGGA,083746,3452.2437,N,07439.0938,W,2,9,0.3,9,M,,M,,*67
\$HEHDT,309.3,T*26

PORT 4 04-06-2014 08:38:37
\$HEHDT,310.1,T*2C
\$GPGLL,3452.2437,N,07439.0938,W,083746,A*3F
\$GPRMC,083746,A,3452.2437,N,07439.0938,W,3.8,305.3,060414,11.9,W*41
\$GPVTG,305.3,T,317.2,M,3.8,N,7.0,K*40
\$GPZDA,083746,06,04,2014,00,00*43
\$GPGBS,083746,,,,,,*4F
\$GPGGA,083747,3452.2444,N,07439.0946,W,2,9,0.3,9,M,,M,,*6B
\$HEHDT,310.1,T*2C

PORT 4 04-06-2014 08:38:38
\$GPGLL,3452.2444,N,07439.0946,W,083747,A*33
\$GPRMC,083747,A,3452.2444,N,07439.0946,W,3.8,305.3,060414,11.9,W*4D
\$HEHDT,310.7,T*2A
\$GPVTG,305.3,T,317.2,M,3.8,N,7.0,K*40
\$GPZDA,083747,06,04,2014,00,00*42
\$GPGBS,083747,002.0,002.5,002.3,12,0.05,0009.1,012.5*42
\$GPGGA,083748,3452.2451,N,07439.0956,W,2,9,0.3,9,M,,M,,*61
\$HEHDT,312.0,T*2F
\$GPGLL,3452.2451,N,07439.0956,W,083748,A*39
\$GPRMC,083748,A,3452.2451,N,07439.0956,W,3.8,308.0,060414,11.9,W*49
\$GPVTG,308.0,T,319.9,M,3.8,N,7.0,K*4B
\$HEHDT,313.4,T*2A
\$GPZDA,083748,06,04,2014,00,00*4D
\$GPGBS,083748,,,,,,*41
\$GPGGA,083749,3452.2462,N,07439.0963,W,2,9,0.3,9,M,,M,,*66

PORT 4 04-06-2014 08:38:40
\$HEHDT,314.0,T*29
\$GPGLL,3452.2462,N,07439.0963,W,083749,A*3E
\$GPRMC,083749,A,3452.2462,N,07439.0963,W,3.8,308.0,060414,11.9,W*4E
\$GPVTG,308.0,T,319.9,M,3.8,N,7.0,K*4B
\$HEHDT,314.8,T*21

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\$GPZDA,083749,06,04,2014,00,00*4C
\$GPGBS,083749,,,,,,,,*40
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PORT 4 04-06-2014 08:38:41
\$HEHDT,315.1,T*29
\$GPGLL,3452.2472,N,07439.0967,W,083750,A*33
\$GPRMC,083750,A,3452.2472,N,07439.0967,W,3.8,310.9,060414,11.9,W*43
\$GPVTG,310.9,T,322.8,M,3.8,N,7.0,K*42
\$GPZDA,083750,06,04,2014,00,00*44
\$GPGBS,083750,000.3,002.6,002.5,25,0.05,0009.8,012.5*4D
\$HEHDT,316.2,T*29
\$GPGGA,083751,3452.2480,N,07439.0974,W,2,8,0.3,9,M,,M,,*64

PORT 4 04-06-2014 08:38:42
\$HEHDT,317.3,T*29
\$GPGLL,3452.2480,N,07439.0974,W,083751,A*3D
\$GPRMC,083751,A,3452.2480,N,07439.0974,W,3.8,314.2,060414,11.9,W*42
\$GPVTG,314.2,T,326.1,M,3.8,N,7.0,K*40
\$GPZDA,083751,06,04,2014,00,00*45
\$GPGBS,083751,,,,,,,,*49
\$GPGGA,083752,3452.2480,N,07439.0974,W,2,9,0.3,9,M,,M,,*66
\$HEHDT,318.4,T*21

PORT 4 04-06-2014 08:38:43
\$GPGLL,3452.2480,N,07439.0974,W,083752,A*3E
\$HEHDT,318.9,T*2C
\$GPRMC,083752,A,3452.2480,N,07439.0974,W,3.7,316.5,060414,11.9,W*4B
\$GPVTG,316.5,T,328.4,M,3.7,N,6.9,K*49
\$GPZDA,083752,06,04,2014,00,00*46
\$GPGBS,083752,,,,,,,,*4A
\$GPGGA,083753,3452.2494,N,07439.0992,W,2,9,0.3,9,M,,M,,*6A
\$HEHDT,319.4,T*20

PORT 4 04-06-2014 08:38:44
\$GPGLL,3452.2494,N,07439.0992,W,083753,A*32
\$GPRMC,083753,A,3452.2494,N,07439.0992,W,3.8,316.9,060414,11.9,W*44
\$GPVTG,316.9,T,328.8,M,3.8,N,7.0,K*4E
\$HEHDT,320.7,T*29
\$GPZDA,083753,06,04,2014,00,00*47
\$GPGBS,083753,000.5,002.3,002.3,25,0.05,0016.2,012.5*4F
\$GPGGA,083754,3452.2494,N,07439.0992,W,2,9,0.3,9,M,,M,,*6D
\$HEHDT,321.2,T*2D
PORT 12000 04-06-2014 08:38:44
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PORT 4 04-06-2014 08:38:45
\$GPGLL,3452.2494,N,07439.0992,W,083754,A*35
\$GPRMC,083754,A,3452.2494,N,07439.0992,W,3.8,315.7,060414,11.9,W*4E
\$GPVTG,315.7,T,327.6,M,3.8,N,7.0,K*42
\$GPZDA,083754,06,04,2014,00,00*40
\$HEHDT,322.3,T*2F
\$GPGBS,083754,,,,,,,,*4C
\$GPGGA,083755,3452.2509,N,07439.1008,W,2,9,0.3,9,M,,M,,*62

PORT 4 04-06-2014 08:38:46
\$HEHDT,323.1,T*2C
\$GPGLL,3452.2509,N,07439.1008,W,083755,A*3A
\$GPRMC,083755,A,3452.2509,N,07439.1008,W,3.8,315.2,060414,11.9,W*44
\$GPVTG,315.2,T,327.1,M,3.8,N,7.0,K*40
\$GPZDA,083755,06,04,2014,00,00*41
\$GPGBS,083755,,,,,,,,*4D
\$HEHDT,323.9,T*24

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\$GPGGA,083756,3452.2520,N,07439.1013,W,2,8,0.3,10,M,,M,,*59

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PORT 4 04-06-2014 08:38:47

\$GPGLL,3452.2520,N,07439.1013,W,083756,A*38

\$HEHDT,324.3,T*29

\$GPRMC,083756,A,3452.2520,N,07439.1013,W,3.8,320.5,060414,11.9,W*47

\$GPVTG,320.5,T,332.4,M,3.8,N,7.0,K*40

\$GPZDA,083756,06,04,2014,00,00*42

\$GPGBS,083756,,,,,,,,*4E

\$GPGGA,083757,3452.2531,N,07439.1015,W,2,8,0.3,10,M,,M,,*5E

\$HEHDT,325.0,T*2B

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PORT 5 04-06-2014 08:38:49

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PORT 4 04-06-2014 08:38:49

\$GPGLL,3452.2520,N,07439.1013,W,083756,A*38

\$HEHDT,324.3,T*29

\$GPRMC,083756,A,3452.2520,N,07439.1013,W,3.8,320.5,060414,11.9,W*47

\$GPVTG,320.5,T,332.4,M,3.8,N,7.0,K*40

\$GPZDA,083756,06,04,2014,00,00*42

\$GPGBS,083756,,,,,,,,*4E

\$GPGGA,083757,3452.2531,N,07439.1015,W,2,8,0.3,10,M,,M,,*5E

\$HEHDT,325.0,T*2B

\$GPGLL,3452.2531,N,07439.1015,W,083757,A*3F

\$HEHDT,325.5,T*2E

\$GPRMC,083757,A,3452.2531,N,07439.1015,W,3.8,325.0,060414,11.9,W*40

\$GPVTG,325.0,T,336.9,M,3.8,N,7.0,K*49

\$GPZDA,083757,06,04,2014,00,00*43

\$GPGBS,083757,,,,,,,,*4F

\$GPGGA,083758,3452.2544,N,07439.1018,W,2,8,0.3,10,M,,M,,*5E

\$HEHDT,326.6,T*2E

\$GPGLL,3452.2544,N,07439.1018,W,083758,A*3F

\$GPRMC,083758,A,3452.2544,N,07439.1018,W,3.8,325.0,060414,11.9,W*40

\$HEHDT,327.0,T*29

\$GPVTG,325.0,T,336.9,M,3.8,N,7.0,K*49

\$GPZDA,083758,06,04,2014,00,00*4C

\$GPGBS,083758,,,,,,,,*40

\$GPGGA,083759,3452.2552,N,07439.1025,W,2,8,0.3,10,M,,M,,*56

\$HEHDT,327.8,T*21

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PORT 4 04-06-2014 08:38:50

\$GPGLL,3452.2552,N,07439.1025,W,083759,A*37

\$GPRMC,083759,A,3452.2552,N,07439.1025,W,3.9,328.7,060414,11.9,W*43

\$GPVTG,328.7,T,340.6,M,3.9,N,7.2,K*4E

\$HEHDT,328.8,T*2E

\$GPZDA,083759,06,04,2014,00,00*4D

\$GPGBS,083759,,,,,,,,*41

\$GPGGA,083800,3452.2560,N,07439.1032,W,2,8,0.3,10,M,,M,,*52

\$HEHDT,330.4,T*2B

\$GPGLL,3452.2560,N,07439.1032,W,083800,A*33

\$GPRMC,083800,A,3452.2560,N,07439.1032,W,3.8,329.7,060414,11.9,W*47

\$GPVTG,329.7,T,341.6,M,3.8,N,7.0,K*4D

\$GPZDA,083800,06,04,2014,00,00*4E

\$GPGBS,083800,,,,,,,,*42

\$GPGGA,083801,3452.2570,N,07439.1040,W,2,8,0.3,10,M,,M,,*57

\$HEHDT,330.8,T*27

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PORT 5 04-06-2014 08:38:52

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PORT 4 04-06-2014 08:38:52

\$HEHDT,332.2,T*2F

\$GPGLL,3452.2570,N,07439.1040,W,083801,A*36

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\$GPRMC,083801,A,3452.2570,N,07439.1040,W,3.8,328.7,060414,11.9,W*43
\$GPVTG,328.7,T,340.6,M,3.8,N,7.0,K*4D
\$GPZDA,083801,06,04,2014,00,00*4F
\$GPGBS,083801,,,,,,,,*43
\$HEHDT,332.3,T*2E
\$GPGGA,083802,3452.2578,N,07439.1049,W,2,8,0.3,10,M,,M,,*55

PORT 4 04-06-2014 08:38:53
\$GPGLL,3452.2578,N,07439.1049,W,083802,A*34
\$HEHDT,334.1,T*2A
\$GPRMC,083802,A,3452.2578,N,07439.1049,W,3.8,328.7,060414,11.9,W*41
\$GPVTG,328.7,T,340.6,M,3.8,N,7.0,K*4D
\$GPZDA,083802,06,04,2014,00,00*4C
\$GPGBS,083802,,,,,,,,*40
\$GPGGA,083803,3452.2587,N,07439.1055,W,2,8,0.3,10,M,,M,,*59
\$HEHDT,334.6,T*2D

PORT 4 04-06-2014 08:38:54
\$GPGLL,3452.2587,N,07439.1055,W,083803,A*38
\$HEHDT,335.4,T*2E
\$GPRMC,083803,A,3452.2587,N,07439.1055,W,3.8,327.9,060414,11.9,W*4C
\$GPVTG,327.9,T,339.8,M,3.8,N,7.0,K*4C
\$GPZDA,083803,06,04,2014,00,00*4D
\$GPGBS,083803,,,,,,,,*41
\$GPGGA,083804,3452.2598,N,07439.1060,W,2,8,0.3,10,M,,M,,*56
\$HEHDT,336.1,T*28
PORT 12000 04-06-2014 08:38:54
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PORT 4 04-06-2014 08:38:55
\$GPGLL,3452.2598,N,07439.1060,W,083804,A*37
\$GPRMC,083804,A,3452.2598,N,07439.1060,W,3.8,327.7,060414,11.9,W*4D
\$GPVTG,327.7,T,339.6,M,3.8,N,7.0,K*4C
\$GPZDA,083804,06,04,2014,00,00*4A
\$HEHDT,336.7,T*2E
\$GPGBS,083804,,,,,,,,*46
\$GPGGA,083805,3452.2609,N,07439.1062,W,2,8,0.3,10,M,,M,,*5E
\$HEHDT,337.0,T*28

PORT 4 04-06-2014 08:38:56
\$GPGLL,3452.2609,N,07439.1062,W,083805,A*3F
\$GPRMC,083805,A,3452.2609,N,07439.1062,W,3.8,329.1,060414,11.9,W*4D
\$GPVTG,329.1,T,341.0,M,3.8,N,7.0,K*4D
\$HEHDT,337.6,T*2E
\$GPZDA,083805,06,04,2014,00,00*4B
\$GPGBS,083805,,,,,,,,*47
\$GPGGA,083806,3452.2618,N,07439.1064,W,2,8,0.3,10,M,,M,,*5B

PORT 4 04-06-2014 08:38:57
\$HEHDT,338.5,T*22
\$GPGLL,3452.2618,N,07439.1064,W,083806,A*3A
\$GPRMC,083806,A,3452.2618,N,07439.1064,W,3.8,332.0,060414,11.9,W*43
\$GPVTG,332.0,T,343.9,M,3.8,N,7.0,K*4D
\$GPZDA,083806,06,04,2014,00,00*48
\$GPGBS,083806,,,,,,,,*44
\$GPGGA,083807,3452.2630,N,07439.1065,W,2,8,0.3,10,M,,M,,*51
\$HEHDT,339.1,T*27

PORT 4 04-06-2014 08:38:58
\$HEHDT,340.5,T*2D
\$GPGLL,3452.2630,N,07439.1065,W,083807,A*30
\$GPRMC,083807,A,3452.2630,N,07439.1065,W,3.8,335.1,060414,11.9,W*4F
\$GPVTG,335.1,T,347.0,M,3.8,N,7.0,K*46

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\$GPZDA,083807,06,04,2014,00,00*49
\$GPGBS,083807,,,,,,,,*45
\$GPGGA,083808,3452.2642,N,07439.1068,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,340.9,T*21

PORT 4 04-06-2014 08:38:59
\$GPGLL,3452.2642,N,07439.1068,W,083808,A*37
\$GPRMC,083808,A,3452.2642,N,07439.1068,W,3.8,338.0,060414,11.9,W*44
\$HEHDT,342.2,T*28
\$GPVTG,338.0,T,349.9,M,3.8,N,7.0,K*4D
\$GPZDA,083808,06,04,2014,00,00*46
\$GPGBS,083808,,,,,,,,*4A
\$GPGGA,083809,3452.2652,N,07439.1071,W,2,9,0.3,10,M,,M,,*5F
\$HEHDT,343.3,T*28

PORT 4 04-06-2014 08:39:00
\$GPGLL,3452.2652,N,07439.1071,W,083809,A*3F
\$GPRMC,083809,A,3452.2652,N,07439.1071,W,3.9,340.7,060414,11.9,W*45
\$HEHDT,343.8,T*23
\$GPVTG,340.7,T,352.6,M,3.9,N,7.2,K*43
\$GPZDA,083809,06,04,2014,00,00*47
\$GPGBS,083809,,,,,,,,*4B
\$GPGGA,083810,3452.2661,N,07439.1075,W,2,9,0.3,10,M,,M,,*53
\$HEHDT,344.6,T*2A

PORT 4 04-06-2014 08:39:01
\$GPGLL,3452.2661,N,07439.1075,W,083810,A*33
\$GPRMC,083810,A,3452.2661,N,07439.1075,W,3.9,341.7,060414,11.9,W*48
\$GPVTG,341.7,T,353.6,M,3.9,N,7.2,K*43
\$HEHDT,344.8,T*24
\$GPZDA,083810,06,04,2014,00,00*4F
\$GPGBS,083810,,,,,,,,*43
\$GPGGA,083811,3452.2671,N,07439.1079,W,2,9,0.3,10,M,,M,,*5F
\$HEHDT,345.2,T*2F

PORT 4 04-06-2014 08:39:02
\$GPGLL,3452.2671,N,07439.1079,W,083811,A*3F
\$GPRMC,083811,A,3452.2671,N,07439.1079,W,3.8,341.4,060414,11.9,W*46
\$GPVTG,341.4,T,353.3,M,3.8,N,7.0,K*46
\$GPZDA,083811,06,04,2014,00,00*4E
\$GPGBS,083811,,,,,,,,*42
\$HEHDT,345.8,T*25
\$GPGGA,083812,3452.2681,N,07439.1082,W,2,9,0.3,10,M,,M,,*57
\$HEHDT,346.6,T*28
\$GPGLL,3452.2681,N,07439.1082,W,083812,A*37
\$GPRMC,083812,A,3452.2681,N,07439.1082,W,3.8,340.7,060414,11.9,W*4C
\$GPVTG,340.7,T,352.6,M,3.8,N,7.0,K*40
\$GPZDA,083812,06,04,2014,00,00*4D
\$GPGBS,083812,,,,,,,,*41
\$GPGGA,083813,3452.2692,N,07439.1085,W,2,9,0.3,10,M,,M,,*53
\$HEHDT,347.5,T*2A

PORT 4 04-06-2014 08:39:03
\$GPGLL,3452.2692,N,07439.1085,W,083813,A*33
\$HEHDT,348.2,T*22
\$GPRMC,083813,A,3452.2692,N,07439.1085,W,3.8,340.6,060414,11.9,W*49
\$GPVTG,340.6,T,352.5,M,3.8,N,7.0,K*42
\$GPZDA,083813,06,04,2014,00,00*4C
\$GPGBS,083813,,,,,,,,*40
\$GPGGA,083814,3452.2703,N,07439.1086,W,2,9,0.3,10,M,,M,,*5E
\$HEHDT,349.3,T*22
PORT 12000 04-06-2014 08:39:03
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PORT 4 04-06-2014 08:39:04
\$GPGLL,3452.2703,N,07439.1086,W,083814,A*3E
\$GPRMC,083814,A,3452.2703,N,07439.1086,W,3.9,341.8,060414,11.9,w*4A
\$HEHDT,350.4,T*2D
\$GPVTG,341.8,T,353.7,M,3.9,N,7.2,K*4D
\$GPZDA,083814,06,04,2014,00,00*4B
\$GPGBS,083814,,,,,,,,*47
\$GPGGA,083815,3452.2712,N,07439.1085,W,2,9,0.3,10,M,,M,,*5C

PORT 4 04-06-2014 08:39:06
\$HEHDT,350.9,T*20
\$GPGLL,3452.2712,N,07439.1085,W,083815,A*3C
\$GPRMC,083815,A,3452.2712,N,07439.1085,W,3.9,343.6,060414,11.9,w*44
\$GPVTG,343.6,T,355.5,M,3.9,N,7.2,K*45
\$HEHDT,351.9,T*21
\$GPZDA,083815,06,04,2014,00,00*4A
\$GPGBS,083815,,,,,,,,*46
\$GPGGA,083816,3452.2722,N,07439.1084,W,2,9,0.3,10,M,,M,,*5D

PORT 4 04-06-2014 08:39:07
\$HEHDT,352.5,T*2E
\$GPGLL,3452.2722,N,07439.1084,W,083816,A*3D
\$GPRMC,083816,A,3452.2722,N,07439.1084,W,3.8,345.6,060414,11.9,w*42
\$GPVTG,345.6,T,357.5,M,3.8,N,7.0,K*42
\$GPZDA,083816,06,04,2014,00,00*49
\$HEHDT,352.8,T*23
\$GPGBS,083816,,,,,,,,*45
\$GPGGA,083817,3452.2733,N,07439.1086,W,2,9,0.3,10,M,,M,,*5E

PORT 4 04-06-2014 08:39:08
\$HEHDT,353.8,T*22
\$GPGLL,3452.2733,N,07439.1086,W,083817,A*3E
\$GPRMC,083817,A,3452.2733,N,07439.1086,W,3.8,347.5,060414,11.9,w*40
\$GPVTG,347.5,T,359.4,M,3.8,N,7.0,K*4C
\$GPZDA,083817,06,04,2014,00,00*48
\$GPGBS,083817,,,,,,,,*44
\$GPGGA,083818,3452.2744,N,07439.1086,W,2,8,0.3,10,M,,M,,*50
\$HEHDT,353.9,T*23

PORT 4 04-06-2014 08:39:09
\$GPGLL,3452.2744,N,07439.1086,W,083818,A*31
\$HEHDT,354.6,T*2B
\$GPRMC,083818,A,3452.2744,N,07439.1086,W,3.8,348.8,060414,11.9,w*4D
\$GPVTG,348.8,T,0.7,M,3.8,N,7.0,K*42
\$GPZDA,083818,06,04,2014,00,00*47
\$GPGBS,083818,,,,,,,,*4B
\$GPGGA,083819,3452.2755,N,07439.1086,W,2,8,0.3,11,M,,M,,*50
\$HEHDT,355.7,T*2B

PORT 4 04-06-2014 08:39:10
\$GPGLL,3452.2755,N,07439.1086,W,083819,A*30
\$GPRMC,083819,A,3452.2755,N,07439.1086,W,3.8,349.7,060414,11.9,w*42
\$HEHDT,356.5,T*2A
\$GPVTG,349.7,T,1.6,M,3.8,N,7.0,K*4C
\$GPZDA,083819,06,04,2014,00,00*46
\$GPGBS,083819,,,,,,,,*4A
\$GPGGA,083820,3452.2766,N,07439.1085,W,2,9,0.3,11,M,,M,,*58
\$HEHDT,357.5,T*2B

PORT 4 04-06-2014 08:39:11
\$GPGLL,3452.2766,N,07439.1085,W,083820,A*39
\$GPRMC,083820,A,3452.2766,N,07439.1085,W,3.9,351.3,060414,11.9,w*47

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\$GPVTG,351.3,T,3.2,M,3.9,N,7.2,K*44
\$HEHDT,358.3,T*22
\$GPZDA,083820,06,04,2014,00,00*4C
\$GPGBS,083820,,,,,,,,*40
\$GPGGA,083821,3452.2776,N,07439.1084,W,2,9,0.3,11,M,,M,,*59
\$HEHDT,358.7,T*26

PORT 4 04-06-2014 08:39:12
\$GPGLL,3452.2776,N,07439.1084,W,083821,A*38
\$GPRMC,083821,A,3452.2776,N,07439.1084,W,3.8,353.0,060414,11.9,w*46
\$GPVTG,353.0,T,4.9,M,3.8,N,7.0,K*4A
\$GPZDA,083821,06,04,2014,00,00*4D
\$HEHDT,359.6,T*26
\$GPGBS,083821,,,,,,,,*41
\$GPGGA,083822,3452.2786,N,07439.1085,W,2,8,0.3,11,M,,M,,*55
\$HEHDT,359.8,T*28

PORT 4 04-06-2014 08:39:13
\$GPGLL,3452.2786,N,07439.1085,W,083822,A*35
\$GPRMC,083822,A,3452.2786,N,07439.1085,W,3.8,354.8,060414,11.9,w*44
\$GPVTG,354.8,T,6.7,M,3.8,N,7.0,K*49
\$GPZDA,083822,06,04,2014,00,00*4E
\$GPGBS,083822,,,,,,,,*42
\$GPGGA,083823,3452.2795,N,07439.1086,W,2,8,0.3,11,M,,M,,*55
\$HEHDT,0.7,T*28

PORT 4 04-06-2014 08:39:14
\$HEHDT,1.4,T*2A
\$GPGLL,3452.2795,N,07439.1086,W,083823,A*35
\$GPRMC,083823,A,3452.2795,N,07439.1086,W,3.8,355.5,060414,11.9,w*48
\$GPVTG,355.5,T,7.4,M,3.8,N,7.0,K*47
\$GPZDA,083823,06,04,2014,00,00*4F
\$GPGBS,083823,,,,,,,,*43
\$HEHDT,2.2,T*2F
\$GPGGA,083824,3452.2805,N,07439.1086,W,2,8,0.3,11,M,,M,,*54
PORT 12000 04-06-2014 08:39:14
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PORT 4 04-06-2014 08:39:15
\$GPGLL,3452.2805,N,07439.1086,W,083824,A*34
\$HEHDT,3.0,T*2C
\$GPRMC,083824,A,3452.2805,N,07439.1086,W,3.8,354.8,060414,11.9,w*45
\$GPVTG,354.8,T,6.7,M,3.8,N,7.0,K*49
\$GPZDA,083824,06,04,2014,00,00*48
\$GPGBS,083824,000.0,000.0,000.0,29,0.05,0029.3,012.5*44
\$GPGGA,083825,3452.2813,N,07439.1085,W,2,8,0.3,11,M,,M,,*51
\$HEHDT,3.7,T*2B

PORT 4 04-06-2014 08:39:16
\$GPGLL,3452.2813,N,07439.1085,W,083825,A*31
\$GPRMC,083825,A,3452.2813,N,07439.1085,W,3.9,354.2,060414,11.9,w*4B
\$HEHDT,4.9,T*22
\$GPVTG,354.2,T,6.1,M,3.9,N,7.2,K*46
\$GPZDA,083825,06,04,2014,00,00*49
\$GPGBS,083825,000.0,000.0,000.0,29,0.05,0022.3,012.5*4E
\$GPGGA,083826,3452.2824,N,07439.1083,W,2,9,0.3,11,M,,M,,*51
\$HEHDT,5.1,T*2B
\$GPGLL,3452.2824,N,07439.1083,W,083826,A*30
\$GPRMC,083826,A,3452.2824,N,07439.1083,W,3.9,354.7,060414,11.9,w*4F
\$GPVTG,354.7,T,6.6,M,3.9,N,7.2,K*44
\$GPZDA,083826,06,04,2014,00,00*4A
\$HEHDT,5.6,T*2C
\$GPGBS,083826,,,,,,,,*46

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\$GPGGA,083827,3452.2834,N,07439.1079,W,2,9,0.3,11,M,,M,,*54

PORT 4 04-06-2014 08:39:17
\$HEHDT,6.0,T*29
\$GPGLL,3452.2834,N,07439.1079,W,083827,A*35
\$GPRMC,083827,A,3452.2834,N,07439.1079,W,3.9,356.4,060414,11.9,W*4B
\$GPVTG,356.4,T,8.3,M,3.9,N,7.2,K*4E
\$GPZDA,083827,06,04,2014,00,00*4B
\$HEHDT,7.0,T*28
\$GPGBS,083827,,,,,,,,*47
\$GPGGA,083828,3452.2841,N,07439.1073,W,2,9,0.3,11,M,,M,,*53

PORT 4 04-06-2014 08:39:18
\$HEHDT,7.4,T*2C
\$GPGLL,3452.2841,N,07439.1073,W,083828,A*32
\$GPRMC,083828,A,3452.2841,N,07439.1073,W,3.8,359.2,060414,11.9,W*44
\$GPVTG,359.2,T,11.1,M,3.8,N,7.0,K*7E
\$GPZDA,083828,06,04,2014,00,00*44
\$GPGBS,083828,000.0,000.0,000.0,29,0.05,0021.4,012.5*47
\$GPGGA,083829,3452.2852,N,07439.1071,W,2,9,0.3,11,M,,M,,*52
\$HEHDT,8.1,T*26

PORT 4 04-06-2014 08:39:20
\$GPGLL,3452.2852,N,07439.1071,W,083829,A*33
\$GPRMC,083829,A,3452.2852,N,07439.1071,W,3.8,1.7,060414,11.9,W*4E
\$HEHDT,9.3,T*25
\$GPVTG,1.7,T,13.6,M,3.8,N,7.0,K*70
\$GPZDA,083829,06,04,2014,00,00*45
\$GPGBS,083829,,,,,,,,*49
\$GPGGA,083830,3452.2865,N,07439.1069,W,2,8,0.3,11,M,,M,,*56
\$HEHDT,9.5,T*23

PORT 4 04-06-2014 08:39:21
\$GPGLL,3452.2865,N,07439.1069,W,083830,A*36
\$GPRMC,083830,A,3452.2865,N,07439.1069,W,3.8,3.7,060414,11.9,W*49
\$HEHDT,10.5,T*1B
\$GPVTG,3.7,T,15.6,M,3.8,N,7.0,K*74
\$GPZDA,083830,06,04,2014,00,00*4D
\$GPGBS,083830,,,,,,,,*41
\$GPGGA,083831,3452.2877,N,07439.1067,W,2,8,0.3,11,M,,M,,*5A
\$HEHDT,11.8,T*17

PORT 4 04-06-2014 08:39:22
\$GPGLL,3452.2877,N,07439.1067,W,083831,A*3A
\$GPRMC,083831,A,3452.2877,N,07439.1067,W,3.8,5.5,060414,11.9,W*41
\$GPVTG,5.5,T,17.4,M,3.8,N,7.0,K*70
\$GPZDA,083831,06,04,2014,00,00*4C
\$HEHDT,12.0,T*1C
\$GPGBS,083831,,,,,,,,*40
\$GPGGA,083832,3452.2888,N,07439.1068,W,2,8,0.3,11,M,,M,,*56
\$HEHDT,12.9,T*15

PORT 4 04-06-2014 08:39:23
\$GPGLL,3452.2888,N,07439.1068,W,083832,A*36
\$GPRMC,083832,A,3452.2888,N,07439.1068,W,3.9,6.7,060414,11.9,W*4D
\$GPVTG,6.7,T,18.6,M,3.9,N,7.2,K*7F
\$GPZDA,083832,06,04,2014,00,00*4F
\$GPGBS,083832,,,,,,,,*43
\$HEHDT,13.8,T*15
\$GPGGA,083833,3452.2899,N,07439.1068,W,2,8,0.3,11,M,,M,,*57

PORT 4 04-06-2014 08:39:24
\$HEHDT,14.9,T*13

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\$GPGLL,3452.2899,N,07439.1068,W,083833,A*37
\$GPRMC,083833,A,3452.2899,N,07439.1068,W,3.9,6.7,060414,11.9,W*4C
\$GPVTG,6.7,T,18.6,M,3.9,N,7.2,K*7F
\$GPZDA,083833,06,04,2014,00,00*4E
\$GPGBS,083833,,,,,,,,*42
\$GPGBA,083834,3452.2910,N,07439.1068,W,2,8,0.3,12,M,,M,,*53
\$HEHDT,15.2,T*19
PORT 12000 04-06-2014 08:39:24
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PORT 4 04-06-2014 08:39:25
\$GPGLL,3452.2910,N,07439.1068,W,083834,A*30
\$HEHDT,15.7,T*1C
\$GPRMC,083834,A,3452.2910,N,07439.1068,W,3.9,5.7,060414,11.9,W*48
\$GPVTG,5.7,T,17.6,M,3.9,N,7.2,K*73
\$GPZDA,083834,06,04,2014,00,00*49
\$GPGBS,083834,,,,,,,,*45
\$GPGBA,083835,3452.2921,N,07439.1066,W,2,8,0.3,12,M,,M,,*5E
\$HEHDT,16.6,T*1E

PORT 4 04-06-2014 08:39:26
\$GPGLL,3452.2921,N,07439.1066,W,083835,A*3D
\$GPRMC,083835,A,3452.2921,N,07439.1066,W,3.8,4.9,060414,11.9,W*4B
\$HEHDT,16.9,T*11
\$GPVTG,4.9,T,16.8,M,3.8,N,7.0,K*70
\$GPZDA,083835,06,04,2014,00,00*48
\$GPGBS,083835,,,,,,,,*44
\$GPGBA,083836,3452.2932,N,07439.1060,W,2,8,0.3,12,M,,M,,*59
\$HEHDT,17.8,T*11

PORT 4 04-06-2014 08:39:27
\$GPGLL,3452.2932,N,07439.1060,W,083836,A*3A
\$GPRMC,083836,A,3452.2932,N,07439.1060,W,3.9,5.8,060414,11.9,W*4D
\$GPVTG,5.8,T,17.7,M,3.9,N,7.2,K*7D
\$HEHDT,18.1,T*17
\$GPZDA,083836,06,04,2014,00,00*4B
\$GPGBS,083836,,,,,,,,*47
\$GPGBA,083837,3452.2943,N,07439.1054,W,2,8,0.3,12,M,,M,,*59
\$HEHDT,19.0,T*17

PORT 4 04-06-2014 08:39:28
\$GPGLL,3452.2943,N,07439.1054,W,083837,A*3A
\$GPRMC,083837,A,3452.2943,N,07439.1054,W,3.9,8.7,060414,11.9,W*4F
\$GPVTG,8.7,T,20.6,M,3.9,N,7.2,K*7A
\$GPZDA,083837,06,04,2014,00,00*4A
\$GPGBS,083837,,,,,,,,*46
\$HEHDT,19.7,T*10
\$GPGBA,083838,3452.2953,N,07439.1050,W,2,9,0.3,12,M,,M,,*52
\$HEHDT,20.6,T*1B
\$GPGLL,3452.2953,N,07439.1050,W,083838,A*30
\$GPRMC,083838,A,3452.2953,N,07439.1050,W,3.9,11.9,060414,11.9,W*73
\$GPVTG,11.9,T,23.8,M,3.9,N,7.2,K*41
\$GPZDA,083838,06,04,2014,00,00*45
\$GPGBS,083838,,,,,,,,*49
\$GPGBA,083839,3452.2964,N,07439.1046,W,2,9,0.3,12,M,,M,,*50
\$HEHDT,21.2,T*1E

PORT 4 04-06-2014 08:39:29
\$HEHDT,22.1,T*1E
\$GPGLL,3452.2964,N,07439.1046,W,083839,A*32
\$GPRMC,083839,A,3452.2964,N,07439.1046,W,3.8,14.1,060414,11.9,W*7D
\$GPVTG,14.1,T,26.0,M,3.8,N,7.0,K*42
\$GPZDA,083839,06,04,2014,00,00*44

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$GPGBS,083839,,,,,,,,*48
$GPGGA,083840,3452.2974,N,07439.1042,W,2,9,0.3,12,M,,M,,*5B
$HEHDT,22.8,T*17
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PORT 4 04-06-2014 08:39:30
$GPGLL,3452.2974,N,07439.1042,W,083840,A*39
$HEHDT,23.7,T*19
$GPRMC,083840,A,3452.2974,N,07439.1042,W,3.8,15.5,060414,11.9,W*73
$GPVTG,15.5,T,27.4,M,3.8,N,7.0,K*42
$GPZDA,083840,06,04,2014,00,00*4A
$GPGBS,083840,,,,,,,,*46
$GPGGA,083841,3452.2985,N,07439.1039,W,2,9,0.3,12,M,,M,,*58
$HEHDT,24.4,T*1D
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PORT 4 04-06-2014 08:39:31
$GPGLL,3452.2985,N,07439.1039,W,083841,A*3A
$GPRMC,083841,A,3452.2985,N,07439.1039,W,3.8,16.3,060414,11.9,W*75
$HEHDT,25.1,T*19
$GPVTG,16.3,T,28.2,M,3.8,N,7.0,K*4E
$GPZDA,083841,06,04,2014,00,00*4B
$GPGBS,083841,,,,,,,,*47
$GPGGA,083842,3452.2996,N,07439.1037,W,2,9,0.3,12,M,,M,,*57
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PORT 4 04-06-2014 08:39:33
$HEHDT,25.7,T*1F
$GPGLL,3452.2996,N,07439.1037,W,083842,A*35
$GPRMC,083842,A,3452.2996,N,07439.1037,W,3.8,16.3,060414,11.9,W*7A
$GPVTG,16.3,T,28.2,M,3.8,N,7.0,K*4E
$GPZDA,083842,06,04,2014,00,00*48
$HEHDT,26.6,T*1D
$GPGBS,083842,,,,,,,,*44
$GPGGA,083843,3452.3008,N,07439.1034,W,2,9,0.3,11,M,,M,,*59
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PORT 4 04-06-2014 08:39:34
$HEHDT,27.0,T*1A
$GPGLL,3452.3008,N,07439.1034,W,083843,A*38
$GPRMC,083843,A,3452.3008,N,07439.1034,W,3.9,15.6,060414,11.9,W*70
$GPVTG,15.6,T,27.5,M,3.9,N,7.2,K*43
$GPZDA,083843,06,04,2014,00,00*49
$HEHDT,28.0,T*15
$GPGBS,083843,,,,,,,,*45
$GPGGA,083844,3452.3017,N,07439.1030,W,2,9,0.3,11,M,,M,,*54
PORT 12000 04-06-2014 08:39:34
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PORT 4 04-06-2014 08:39:35
$HEHDT,29.2,T*16
$GPGLL,3452.3017,N,07439.1030,W,083844,A*35
$GPRMC,083844,A,3452.3017,N,07439.1030,W,3.9,15.0,060414,11.9,W*7B
$GPVTG,15.0,T,26.9,M,3.9,N,7.2,K*48
$GPZDA,083844,06,04,2014,00,00*4E
$GPGBS,083844,,,,,,,,*42
$GPGGA,083845,3452.3025,N,07439.1024,W,2,9,0.3,11,M,,M,,*51
$HEHDT,30.1,T*1D
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PORT 4 04-06-2014 08:39:36
$GPGLL,3452.3025,N,07439.1024,W,083845,A*30
$GPRMC,083845,A,3452.3025,N,07439.1024,W,3.9,15.5,060414,11.9,W*7B
$HEHDT,30.5,T*19
$GPVTG,15.5,T,27.4,M,3.9,N,7.2,K*41
$GPZDA,083845,06,04,2014,00,00*4F
$GPGBS,083845,,,,,,,,*43
$GPGGA,083846,3452.3035,N,07439.1016,W,2,9,0.3,11,M,,M,,*52

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\$HEHDT,31.7,T*1A

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PORT 4 04-06-2014 08:39:37

\$GPGLL,3452.3035,N,07439.1016,W,083846,A*33

\$GPRMC,083846,A,3452.3035,N,07439.1016,W,3.8,17.3,060414,11.9,W*7D

\$HEHDT,32.0,T*1E

\$GPVTG,17.3,T,29.2,M,3.8,N,7.0,K*4E

\$GPZDA,083846,06,04,2014,00,00*4C

\$GPGBS,083846,,,,,,,,*40

\$GPGGA,083847,3452.3044,N,07439.1007,W,2,9,0.3,11,M,,M,,*55

\$HEHDT,32.6,T*18

#

PORT 4 04-06-2014 08:39:38

\$GPGLL,3452.3044,N,07439.1007,W,083847,A*34

\$GPRMC,083847,A,3452.3044,N,07439.1007,W,3.8,20.4,060414,11.9,W*79

\$HEHDT,33.3,T*1C

\$GPVTG,20.4,T,32.3,M,3.8,N,7.0,K*46

\$GPZDA,083847,06,04,2014,00,00*4D

\$GPGBS,083847,,,,,,,,*41

\$GPGGA,083848,3452.3055,N,07439.0999,W,2,9,0.3,11,M,,M,,*55

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PORT 4 04-06-2014 08:39:39

\$HEHDT,34.2,T*1A

\$GPGLL,3452.3055,N,07439.0999,W,083848,A*34

\$GPRMC,083848,A,3452.3055,N,07439.0999,W,3.9,23.4,060414,11.9,W*7B

\$GPVTG,23.4,T,35.3,M,3.9,N,7.2,K*41

\$GPZDA,083848,06,04,2014,00,00*42

\$GPGBS,083848,,,,,,,,*4E

\$GPGGA,083849,3452.3062,N,07439.0994,W,2,9,0.3,11,M,,M,,*5D

\$HEHDT,35.1,T*18

#

PORT 4 04-06-2014 08:39:40

\$HEHDT,35.8,T*11

\$GPGLL,3452.3062,N,07439.0994,W,083849,A*3C

\$GPRMC,083849,A,3452.3062,N,07439.0994,W,3.9,25.3,060414,11.9,W*72

\$GPVTG,25.3,T,37.2,M,3.9,N,7.2,K*43

\$GPZDA,083849,06,04,2014,00,00*43

\$GPGBS,083849,,,,,,,,*4F

\$HEHDT,36.4,T*1E

\$GPGGA,083850,3452.3071,N,07439.0989,W,2,9,0.3,11,M,,M,,*5B

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PORT 4 04-06-2014 08:39:41

\$GPGLL,3452.3071,N,07439.0989,W,083850,A*3A

\$HEHDT,37.0,T*1B

\$GPRMC,083850,A,3452.3071,N,07439.0989,W,3.8,26.3,060414,11.9,W*76

\$GPVTG,26.3,T,38.2,M,3.8,N,7.0,K*4C

\$GPZDA,083850,06,04,2014,00,00*4B

\$GPGBS,083850,,,,,,,,*47

\$GPGGA,083851,3452.3080,N,07439.0984,W,2,9,0.3,11,M,,M,,*59

\$HEHDT,37.3,T*18

#

PORT 4 04-06-2014 08:39:42

\$GPGLL,3452.3080,N,07439.0984,W,083851,A*38

\$GPRMC,083851,A,3452.3080,N,07439.0984,W,3.7,26.7,060414,11.9,W*7F

\$HEHDT,38.2,T*16

\$GPVTG,26.7,T,38.6,M,3.7,N,6.9,K*4B

\$GPZDA,083851,06,04,2014,00,00*4A

\$GPGBS,083851,,,,,,,,*46

\$GPGGA,083852,3452.3090,N,07439.0977,W,2,9,0.3,11,M,,M,,*57

\$HEHDT,39.0,T*15

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PORT 4 04-06-2014 08:39:43

\$GPGLL,3452.3090,N,07439.0977,W,083852,A*36

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\$GPRMC,083852,A,3452.3090,N,07439.0977,W,3.7,26.6,060414,11.9,w*70
\$HEHDT,39.6,T*13
\$GPVTG,26.6,T,38.5,M,3.7,N,6.9,K*49
\$GPZDA,083852,06,04,2014,00,00*49
\$GPGBS,083852,,,,,,,,*45
\$GPGGA,083853,3452.3101,N,07439.0971,W,2,9,0.3,11,M,,M,,*59
\$HEHDT,39.9,T*1C

PORT 4 04-06-2014 08:39:44
\$GPGLL,3452.3101,N,07439.0971,W,083853,A*38
\$GPRMC,083853,A,3452.3101,N,07439.0971,W,3.8,26.8,060414,11.9,w*7F
\$GPVTG,26.8,T,38.7,M,3.8,N,7.0,K*42
\$GPZDA,083853,06,04,2014,00,00*48
\$HEHDT,40.3,T*18
\$GPGBS,083853,,,,,,,,*44
\$GPGGA,083854,3452.3109,N,07439.0965,W,2,9,0.3,11,M,,M,,*53
\$HEHDT,40.6,T*1D
PORT 12000 04-06-2014 08:39:44
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PORT 4 04-06-2014 08:39:45
\$GPGLL,3452.3109,N,07439.0965,W,083854,A*32
\$GPRMC,083854,A,3452.3109,N,07439.0965,W,3.8,27.0,060414,11.9,w*7C
\$GPVTG,27.0,T,38.9,M,3.8,N,7.0,K*45
\$GPZDA,083854,06,04,2014,00,00*4F
\$GPGBS,083854,,,,,,,,*43
\$HEHDT,41.0,T*1A
\$GPGGA,083855,3452.3116,N,07439.0959,W,2,9,0.3,11,M,,M,,*53
\$HEHDT,41.6,T*1C
\$GPGLL,3452.3116,N,07439.0959,W,083855,A*32
\$GPRMC,083855,A,3452.3116,N,07439.0959,W,3.8,27.1,060414,11.9,w*7D
\$GPVTG,27.1,T,39.0,M,3.8,N,7.0,K*4C
\$GPZDA,083855,06,04,2014,00,00*4E
\$GPGBS,083855,,,,,,,,*42
\$GPGGA,083856,3452.3125,N,07439.0950,W,2,9,0.3,11,M,,M,,*59
\$HEHDT,42.4,T*1D

PORT 4 04-06-2014 08:39:46
\$GPGLL,3452.3125,N,07439.0950,W,083856,A*38
\$HEHDT,42.9,T*10
\$GPRMC,083856,A,3452.3125,N,07439.0950,W,3.7,27.9,060414,11.9,w*70
\$GPVTG,27.9,T,39.8,M,3.7,N,6.9,K*4B
\$GPZDA,083856,06,04,2014,00,00*4D
\$GPGBS,083856,,,,,,,,*41
\$GPGGA,083857,3452.3134,N,07439.0940,W,2,9,0.3,11,M,,M,,*59
\$HEHDT,43.6,T*1E

PORT 4 04-06-2014 08:39:48
\$GPGLL,3452.3134,N,07439.0940,W,083857,A*38
\$GPRMC,083857,A,3452.3134,N,07439.0940,W,3.8,30.0,060414,11.9,w*70
\$HEHDT,43.7,T*1F
\$GPVTG,30.0,T,41.9,M,3.8,N,7.0,K*4D
\$GPZDA,083857,06,04,2014,00,00*4C
\$GPGBS,083857,,,,,,,,*40
\$GPGGA,083858,3452.3141,N,07439.0930,W,2,9,0.3,11,M,,M,,*53

PORT 4 04-06-2014 08:39:49
\$HEHDT,43.7,T*1F
\$GPGLL,3452.3141,N,07439.0930,W,083858,A*32
\$GPRMC,083858,A,3452.3141,N,07439.0930,W,3.8,32.5,060414,11.9,w*7D
\$GPVTG,32.5,T,44.4,M,3.8,N,7.0,K*42
\$HEHDT,43.7,T*1F
\$GPZDA,083858,06,04,2014,00,00*43

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\$GPGBS,083858,,,,,,,,*4F
\$GPGGA,083859,3452.3148,N,07439.0920,W,2,9,0.3,11,M,,M,,*5A

PORT 4 04-06-2014 08:39:50
\$HEHDT,44.2,T*1D
\$GPGLL,3452.3148,N,07439.0920,W,083859,A*3B
\$GPRMC,083859,A,3452.3148,N,07439.0920,W,3.8,34.8,060414,11.9,W*7F
\$GPVTG,34.8,T,46.7,M,3.8,N,7.0,K*48
\$GPZDA,083859,06,04,2014,00,00*42
\$GPGBS,083859,,,,,,,,*4E
\$HEHDT,44.6,T*19
\$GPGGA,083900,3452.3156,N,07439.0911,W,2,9,0.3,11,M,,M,,*5A

PORT 4 04-06-2014 08:39:51
\$HEHDT,45.1,T*1F
\$GPGLL,3452.3156,N,07439.0911,W,083900,A*3B
\$GPRMC,083900,A,3452.3156,N,07439.0911,W,3.8,36.8,060414,11.9,W*7D
\$GPVTG,36.8,T,48.7,M,3.8,N,7.0,K*44
\$GPZDA,083900,06,04,2014,00,00*4F
\$GPGBS,083900,,,,,,,,*43
\$GPGGA,083901,3452.3165,N,07439.0905,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,44.8,T*17

PORT 4 04-06-2014 08:39:52
\$GPGLL,3452.3165,N,07439.0905,W,083901,A*3F
\$HEHDT,45.3,T*1D
\$GPRMC,083901,A,3452.3165,N,07439.0905,W,3.8,38.0,060414,11.9,W*7F
\$GPVTG,38.0,T,49.9,M,3.8,N,7.0,K*4D
\$GPZDA,083901,06,04,2014,00,00*4E
\$GPGBS,083901,,,,,,,,*42
\$GPGGA,083902,3452.3174,N,07439.0899,W,2,9,0.3,11,M,,M,,*59
\$HEHDT,45.1,T*1F

PORT 5 04-06-2014 08:39:53
IN
PORT 4 04-06-2014 08:39:53
\$GPGLL,3452.3174,N,07439.0899,W,083902,A*38
\$GPRMC,083902,A,3452.3174,N,07439.0899,W,3.8,37.8,060414,11.9,W*7F
\$HEHDT,44.9,T*16
\$GPVTG,37.8,T,49.7,M,3.8,N,7.0,K*44
\$GPZDA,083902,06,04,2014,00,00*4D
\$GPGBS,083902,,,,,,,,*41
\$GPGGA,083903,3452.3183,N,07439.0892,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,45.3,T*1D
\$GPGLL,3452.3183,N,07439

PORT 4 04-06-2014 08:39:54
\$GPGLL,3452.3174,N,07439.0899,W,083902,A*38
\$GPRMC,083902,A,3452.3174,N,07439.0899,W,3.8,37.8,060414,11.9,W*7F
\$HEHDT,44.9,T*16
\$GPVTG,37.8,T,49.7,M,3.8,N,7.0,K*44
\$GPZDA,083902,06,04,2014,00,00*4D
\$GPGBS,083902,,,,,,,,*41
\$GPGGA,083903,3452.3183,N,07439.0892,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,45.3,T*1D
\$GPGLL,3452.3183,N,07439.0892,W,083903,A*3A
\$GPRMC,083903,A,3452.3183,N,07439.0892,W,3.8,36.7,060414,11.9,W*73
\$GPVTG,36.7,T,48.6,M,3.8,N,7.0,K*4A
\$HEHDT,45.3,T*1D
\$GPZDA,083903,06,04,2014,00,00*4C
\$GPGBS,083903,,,,,,,,*40
\$GPGGA,083904,3452.3192,N,07439.0883,W,2,9,0.3,11,M,,M,,*5C
\$HEHDT,45.6,T*18

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\$GPGLL,3452.3192,N,07439.0883,W,083904,A*3D
\$GPRMC,083904,A,3452.3192,N,07439.0883,W,3.8,36.2,060414,11.9,w*71
\$GPVTG,36.2,T,48.1,M,3.8,N,7.0,K*48
\$GPZDA,083904,06,04,2014,00,00*4B
\$HEHDT,45.9,T*17
\$GPGBS,083904,,,,,,,,*47
\$GPGBS,083905,3452.3202,N,07439.0874,W,2.9,0.3,11,M,,M,,*5F
PORT 12000 04-06-2014 08:39:54
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PORT 4 04-06-2014 08:39:55
\$HEHDT,46.3,T*1E
\$GPGLL,3452.3202,N,07439.0874,W,083905,A*3E
\$GPRMC,083905,A,3452.3202,N,07439.0874,W,3.9,36.3,060414,11.9,w*72
\$GPVTG,36.3,T,48.2,M,3.9,N,7.2,K*49
\$GPZDA,083905,06,04,2014,00,00*4A
\$GPGBS,083905,,,,,,,,*46
\$GPGBS,083906,3452.3209,N,07439.0866,W,2.9,0.3,11,M,,M,,*54
\$HEHDT,46.3,T*1E

PORT 5 04-06-2014 08:39:57
04243 ms
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PORT 4 04-06-2014 08:39:57
\$GPGLL,3452.3209,N,07439.0866,W,083906,A*35
\$HEHDT,46.3,T*1E
\$GPRMC,083906,A,3452.3209,N,07439.0866,W,3.9,36.6,060414,11.9,w*7C
\$GPVTG,36.6,T,48.5,M,3.9,N,7.2,K*4B
\$GPZDA,083906,06,04,2014,00,00*49
\$GPGBS,083906,,,,,,,,*45
\$GPGBS,083907,3452.3214,N,07439.0856,W,2.9,0.3,11,M,,M,,*5A
\$HEHDT,46.2,T*1F

PORT 4 04-06-2014 08:39:58
\$GPGLL,3452.3214,N,07439.0856,W,083907,A*3B
\$GPRMC,083907,A,3452.3214,N,07439.0856,W,3.8,37.5,060414,11.9,w*71
\$HEHDT,46.2,T*1F
\$GPVTG,37.5,T,49.4,M,3.8,N,7.0,K*4A
\$GPZDA,083907,06,04,2014,00,00*48
\$GPGBS,083907,,,,,,,,*44
\$GPGBS,083908,3452.3221,N,07439.0844,W,2.9,0.3,11,M,,M,,*50
\$HEHDT,45.9,T*17

PORT 4 04-06-2014 08:39:59
\$GPGLL,3452.3221,N,07439.0844,W,083908,A*31
\$GPRMC,083908,A,3452.3221,N,07439.0844,W,3.8,39.8,060414,11.9,w*78
\$GPVTG,39.8,T,51.7,M,3.8,N,7.0,K*43
\$HEHDT,45.8,T*16
\$GPZDA,083908,06,04,2014,00,00*47
\$GPGBS,083908,,,,,,,,*4B
\$GPGBS,083909,3452.3228,N,07439.0833,W,2.9,0.3,11,M,,M,,*58
\$HEHDT,45.8,T*16

PORT 4 04-06-2014 08:40:00
\$GPGLL,3452.3228,N,07439.0833,W,083909,A*39
\$GPRMC,083909,A,3452.3228,N,07439.0833,W,3.8,42.6,060414,11.9,w*72
\$GPVTG,42.6,T,54.5,M,3.8,N,7.0,K*46
\$GPZDA,083909,06,04,2014,00,00*46
\$HEHDT,45.3,T*1D
\$GPGBS,083909,,,,,,,,*4A
\$GPGBS,083910,3452.3237,N,07439.0824,W,2.9,0.3,11,M,,M,,*58

PORT 4 04-06-2014 08:40:01

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\$HEHDT,45.4,T*1A
\$GPGLL,3452.3237,N,07439.0824,W,083910,A*39
\$GPRMC,083910,A,3452.3237,N,07439.0824,W,3.9,44.5,060414,11.9,W*76
\$GPVTG,44.5,T,56.4,M,3.9,N,7.2,K*43
\$GPZDA,083910,06,04,2014,00,00*4E
\$GPGBS,083910,,,,,,*42
\$GPGGA,083911,3452.3246,N,07439.0817,W,2,9,0.3,11,M,,M,,*5F
\$HEHDT,45.5,T*1B

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PORT 4 04-06-2014 08:40:02

\$HEHDT,45.3,T*1D
\$GPGLL,3452.3246,N,07439.0817,W,083911,A*3E
\$GPRMC,083911,A,3452.3246,N,07439.0817,W,3.9,44.6,060414,11.9,W*72
\$GPVTG,44.6,T,56.5,M,3.9,N,7.2,K*41
\$GPZDA,083911,06,04,2014,00,00*4F
\$GPGBS,083911,,,,,,*43
\$GPGGA,083912,3452.3255,N,07439.0811,W,2,9,0.3,11,M,,M,,*58
\$HEHDT,45.2,T*1C

#

PORT 4 04-06-2014 08:40:03

\$GPGLL,3452.3255,N,07439.0811,W,083912,A*39
\$GPRMC,083912,A,3452.3255,N,07439.0811,W,3.9,43.1,060414,11.9,W*75
\$HEHDT,45.6,T*18
\$GPVTG,43.1,T,55.0,M,3.9,N,7.2,K*47
\$GPZDA,083912,06,04,2014,00,00*4C
\$GPGBS,083912,,,,,,*40
\$GPGGA,083913,3452.3264,N,07439.0804,W,2,9,0.3,11,M,,M,,*5F
\$HEHDT,45.3,T*1D

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PORT 4 04-06-2014 08:40:04

\$GPGLL,3452.3264,N,07439.0804,W,083913,A*3E
\$GPRMC,083913,A,3452.3264,N,07439.0804,W,3.8,41.0,060414,11.9,W*70
\$HEHDT,45.4,T*1A
\$GPVTG,41.0,T,52.9,M,3.8,N,7.0,K*49
\$GPZDA,083913,06,04,2014,00,00*4D
\$GPGBS,083913,,,,,,*41
\$GPGGA,083914,3452.3274,N,07439.0795,W,2,9,0.3,11,M,,M,,*5E
\$HEHDT,44.9,T*16

PORT 12000 04-06-2014 08:40:04

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PORT 4 04-06-2014 08:40:05

\$GPGLL,3452.3274,N,07439.0795,W,083914,A*3F
\$GPRMC,083914,A,3452.3274,N,07439.0795,W,3.8,39.4,060414,11.9,W*7A
\$GPVTG,39.4,T,51.3,M,3.8,N,7.0,K*4B
\$HEHDT,44.3,T*1C
\$GPZDA,083914,06,04,2014,00,00*4A
\$GPGBS,083914,,,,,,*46
\$GPGGA,083915,3452.3281,N,07439.0785,W,2,9,0.3,11,M,,M,,*54
\$HEHDT,43.4,T*1C

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PORT 4 04-06-2014 08:40:06

\$GPGLL,3452.3281,N,07439.0785,W,083915,A*35
\$GPRMC,083915,A,3452.3281,N,07439.0785,W,3.9,39.5,060414,11.9,W*70
\$GPVTG,39.5,T,51.4,M,3.9,N,7.2,K*4E
\$GPZDA,083915,06,04,2014,00,00*4B
\$HEHDT,43.1,T*19
\$GPGBS,083915,,,,,,*47
\$GPGGA,083916,3452.3289,N,07439.0774,W,2,9,0.3,11,M,,M,,*51

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PORT 4 04-06-2014 08:40:07

\$HEHDT,42.8,T*11
\$GPGLL,3452.3289,N,07439.0774,W,083916,A*30

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\$GPRMC,083916,A,3452.3289,N,07439.0774,W,4.0,40.6,060414,11.9,w*76
 \$GPVTG,40.6,T,52.5,M,4.0,N,7.4,K*49
 \$GPZDA,083916,06,04,2014,00,00*48
 \$GPGBS,083916,,,,,,,,*44
 \$HEHDT,42.7,T*1E
 \$GPGGA,083917,3452.3296,N,07439.0764,W,2,9,0.3,10,M,,M,,*5E
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 PORT 4 04-06-2014 08:40:08
 \$HEHDT,42.1,T*18
 \$GPGLL,3452.3296,N,07439.0764,W,083917,A*3E
 \$GPRMC,083917,A,3452.3296,N,07439.0764,W,3.9,41.9,060414,11.9,w*78
 \$GPVTG,41.9,T,53.8,M,3.9,N,7.2,K*43
 \$GPZDA,083917,06,04,2014,00,00*49
 \$GPGBS,083917,,,,,,,,*45
 \$GPGGA,083918,3452.3304,N,07439.0753,W,2,9,0.3,10,M,,M,,*5F
 \$HEHDT,42.1,T*18
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 PORT 4 04-06-2014 08:40:09
 \$GPGLL,3452.3304,N,07439.0753,W,083918,A*3F
 \$HEHDT,41.5,T*1F
 \$GPRMC,083918,A,3452.3304,N,07439.0753,W,4.0,43.4,060414,11.9,w*78
 \$GPVTG,43.4,T,55.3,M,4.0,N,7.4,K*49
 \$GPZDA,083918,06,04,2014,00,00*46
 \$GPGBS,083918,,,,,,,,*4A
 \$GPGGA,083919,3452.3311,N,07439.0745,W,2,9,0.3,10,M,,M,,*5D
 \$HEHDT,41.5,T*1F
 \$GPGLL,3452.3311,N,07439.0745,W,083919,A*3D
 \$GPRMC,083919,A,3452.3311,N,07439.0745,W,4.0,44.5,060414,11.9,w*7C
 \$GPVTG,44.5,T,56.4,M,4.0,N,7.4,K*4B
 \$HEHDT,41.0,T*1A
 \$GPZDA,083919,06,04,2014,00,00*47
 \$GPGBS,083919,,,,,,,,*4B
 \$GPGGA,083920,3452.3320,N,07439.0736,W,2,9,0.3,10,M,,M,,*51
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 PORT 4 04-06-2014 08:40:10
 \$HEHDT,40.6,T*1D
 \$GPGLL,3452.3320,N,07439.0736,W,083920,A*31
 \$GPRMC,083920,A,3452.3320,N,07439.0736,W,3.9,44.7,060414,11.9,w*7C
 \$GPVTG,44.7,T,56.6,M,3.9,N,7.2,K*43
 \$GPZDA,083920,06,04,2014,00,00*4D
 \$HEHDT,40.1,T*1A
 \$GPGBS,083920,,,,,,,,*41
 \$GPGGA,083921,3452.3329,N,07439.0727,W,2,9,0.3,10,M,,M,,*59
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 PORT 4 04-06-2014 08:40:11
 \$HEHDT,39.8,T*1D
 \$GPGLL,3452.3329,N,07439.0727,W,083921,A*39
 \$GPRMC,083921,A,3452.3329,N,07439.0727,W,3.9,44.3,060414,11.9,w*70
 \$GPVTG,44.3,T,56.2,M,3.9,N,7.2,K*43
 \$GPZDA,083921,06,04,2014,00,00*4C
 \$HEHDT,39.2,T*17
 \$GPGBS,083921,,,,,,,,*40
 \$GPGGA,083922,3452.3337,N,07439.0720,W,2,9,0.3,10,M,,M,,*52
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 PORT 4 04-06-2014 08:40:12
 \$HEHDT,38.9,T*1D
 \$GPGLL,3452.3337,N,07439.0720,W,083922,A*32
 \$GPRMC,083922,A,3452.3337,N,07439.0720,W,4.0,43.5,060414,11.9,w*74
 \$GPVTG,43.5,T,55.4,M,4.0,N,7.4,K*4F
 \$GPZDA,083922,06,04,2014,00,00*4F
 \$GPGBS,083922,,,,,,,,*43
 \$GPGGA,083923,3452.3347,N,07439.0713,W,2,9,0.3,10,M,,M,,*54
 \$HEHDT,38.2,T*16

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PORT 4 04-06-2014 08:40:13
\$GPGLL,3452.3347,N,07439.0713,W,083923,A*34
\$GPRMC,083923,A,3452.3347,N,07439.0713,W,4.0,42.3,060414,11.9,W*75
\$HEHDT,38.0,T*14
\$GPVTG,42.3,T,54.2,M,4.0,N,7.4,K*4F
\$GPZDA,083923,06,04,2014,00,00*4E
\$GPGBS,083923,,,,,,,,*42
\$GPGGA,083924,3452.3357,N,07439.0706,W,2,9,0.3,10,M,,M,,*56
\$HEHDT,37.6,T*1D
PORT 12000 04-06-2014 08:40:13
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:40:15
\$GPGLL,3452.3357,N,07439.0706,W,083924,A*36
\$GPRMC,083924,A,3452.3357,N,07439.0706,W,3.9,40.8,060414,11.9,W*70
\$HEHDT,37.2,T*19
\$GPVTG,40.8,T,52.7,M,3.9,N,7.2,K*4D
\$GPZDA,083924,06,04,2014,00,00*49
\$GPGBS,083924,,,,,,,,*45
\$GPGGA,083925,3452.3367,N,07439.0696,W,2,9,0.2,10,M,,M,,*5D

PORT 4 04-06-2014 08:40:16
\$HEHDT,37.1,T*1A
\$GPGLL,3452.3367,N,07439.0696,W,083925,A*3C
\$GPRMC,083925,A,3452.3367,N,07439.0696,W,3.9,39.7,060414,11.9,W*7B
\$GPVTG,39.7,T,51.6,M,3.9,N,7.2,K*4E
\$GPZDA,083925,06,04,2014,00,00*48
\$HEHDT,37.1,T*1A
\$GPGBS,083925,,,,,,,,*44
\$GPGGA,083926,3452.3376,N,07439.0688,W,2,9,0.3,10,M,,M,,*50

PORT 4 04-06-2014 08:40:17
\$HEHDT,36.5,T*1F
\$GPGLL,3452.3376,N,07439.0688,W,083926,A*30
\$GPRMC,083926,A,3452.3376,N,07439.0688,W,4.0,39.1,060414,11.9,W*7F
\$GPVTG,39.1,T,51.0,M,4.0,N,7.4,K*46
\$GPZDA,083926,06,04,2014,00,00*4B
\$HEHDT,36.2,T*18
\$GPGBS,083926,,,,,,,,*47
\$GPGGA,083927,3452.3385,N,07439.0681,W,2,9,0.3,10,M,,M,,*54

PORT 4 04-06-2014 08:40:18
\$HEHDT,35.7,T*1E
\$GPGLL,3452.3385,N,07439.0681,W,083927,A*34
\$GPRMC,083927,A,3452.3385,N,07439.0681,W,4.1,38.7,060414,11.9,W*7D
\$GPVTG,38.7,T,50.6,M,4.1,N,7.6,K*45
\$GPZDA,083927,06,04,2014,00,00*4A
\$GPGBS,083927,,,,,,,,*46
\$GPGGA,083928,3452.3391,N,07439.0671,W,2,10,0.2,10,M,,M,,*68
\$HEHDT,35.2,T*1B

PORT 4 04-06-2014 08:40:19
\$GPGLL,3452.3391,N,07439.0671,W,083928,A*31
\$HEHDT,35.0,T*19
\$GPRMC,083928,A,3452.3391,N,07439.0671,W,4.0,38.7,060414,11.9,W*79
\$GPVTG,38.7,T,50.6,M,4.0,N,7.4,K*46
\$GPZDA,083928,06,04,2014,00,00*45
\$GPGBS,083928,,,,,,,,*49
\$GPGGA,083929,3452.3401,N,07439.0661,W,2,10,0.2,10,M,,M,,*66
\$HEHDT,34.9,T*11

PORT 4 04-06-2014 08:40:20

S01_C04_survey.Log

\$GPGLL,3452.3401,N,07439.0661,W,083929,A*3F
\$GPRMC,083929,A,3452.3401,N,07439.0661,W,3.9,40.0,060414,11.9,w*71
\$HEHDT,34.8,T*10
\$GPVTG,40.0,T,51.9,M,3.9,N,7.2,K*48
\$GPZDA,083929,06,04,2014,00,00*44
\$GPGBS,083929,,,,,,,,*48
\$GPGGA,083930,3452.3411,N,07439.0651,W,2,10,0.2,10,M,,M,,*6C
\$HEHDT,34.4,T*1C

PORT 4 04-06-2014 08:40:21
\$GPGLL,3452.3411,N,07439.0651,W,083930,A*35
\$GPRMC,083930,A,3452.3411,N,07439.0651,W,4.0,41.7,060414,11.9,w*73
\$GPVTG,41.7,T,53.6,M,4.0,N,7.4,K*4B
\$HEHDT,33.6,T*19
\$GPZDA,083930,06,04,2014,00,00*4C
\$GPGBS,083930,,,,,,,,*40
\$GPGGA,083931,3452.3419,N,07439.0645,W,2,10,0.2,10,M,,M,,*60
\$HEHDT,33.3,T*1C

PORT 4 04-06-2014 08:40:22
\$GPGLL,3452.3419,N,07439.0645,W,083931,A*39
\$GPRMC,083931,A,3452.3419,N,07439.0645,W,4.1,42.0,060414,11.9,w*7A
\$GPVTG,42.0,T,53.9,M,4.1,N,7.6,K*43
\$GPZDA,083931,06,04,2014,00,00*4D
\$HEHDT,32.7,T*19
\$GPGBS,083931,,,,,,,,*41
\$GPGGA,083932,3452.3427,N,07439.0641,W,2,10,0.2,10,M,,M,,*6A
\$HEHDT,31.9,T*14

PORT 4 04-06-2014 08:40:23
\$GPGLL,3452.3427,N,07439.0641,W,083932,A*33
\$GPRMC,083932,A,3452.3427,N,07439.0641,W,4.0,41.4,060414,11.9,w*76
\$GPVTG,41.4,T,53.3,M,4.0,N,7.4,K*4D
\$GPZDA,083932,06,04,2014,00,00*4E
\$GPGBS,083932,,,,,,,,*42
\$GPGGA,083933,3452.3438,N,07439.0636,W,2,10,0.2,10,M,,M,,*65
\$HEHDT,31.7,T*1A

PORT 4 04-06-2014 08:40:24
\$HEHDT,31.2,T*1F
\$GPGLL,3452.3438,N,07439.0636,W,083933,A*3C
\$GPRMC,083933,A,3452.3438,N,07439.0636,W,3.8,40.1,060414,11.9,w*72
\$GPVTG,40.1,T,52.0,M,3.8,N,7.0,K*40
\$GPZDA,083933,06,04,2014,00,00*4F
\$GPGBS,083933,,,,,,,,*43
\$GPGGA,083934,3452.3451,N,07439.0629,W,2,9,0.3,10,M,,M,,*5A
\$HEHDT,31.5,T*18

PORT 12000 04-06-2014 08:40:24
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:40:25
\$GPGLL,3452.3451,N,07439.0629,W,083934,A*3A
\$GPRMC,083934,A,3452.3451,N,07439.0629,W,3.9,37.7,060414,11.9,w*73
\$HEHDT,31.6,T*1B
\$GPVTG,37.7,T,49.6,M,3.9,N,7.2,K*49
\$GPZDA,083934,06,04,2014,00,00*48
\$GPGBS,083934,,,,,,,,*44
\$GPGGA,083935,3452.3462,N,07439.0622,W,2,9,0.2,10,M,,M,,*51
\$HEHDT,31.0,T*1D

PORT 4 04-06-2014 08:40:26
\$GPGLL,3452.3462,N,07439.0622,W,083935,A*30
\$GPRMC,083935,A,3452.3462,N,07439.0622,W,4.0,35.6,060414,11.9,w*74

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\$HEHDT,30.7,T*1B
\$GPVTG,35.6,T,47.5,M,4.0,N,7.4,K*4F
\$GPZDA,083935,06,04,2014,00,00*49
\$GPGBS,083935,,,,,,,,*45
\$GPGGA,083936,3452.3470,N,07439.0616,W,2,10,0.2,10,M,,M,,*6E
\$HEHDT,30.0,T*1C
\$GPGLL,3452.3470,N,07439.0616,W,083936,A*37
\$GPRMC,083936,A,3452.3470,N,07439.0616,W,4.0,34.3,060414,11.9,W*77
\$GPVTG,34.3,T,46.2,M,4.0,N,7.4,K*4D
\$HEHDT,29.5,T*11
\$GPZDA,083936,06,04,2014,00,00*4A
\$GPGBS,083936,,,,,,,,*46
\$GPGGA,083937,3452.3477,N,07439.0609,W,2,10,0.2,10,M,,M,,*66

PORT 4 04-06-2014 08:40:28
\$HEHDT,29.5,T*11
\$GPGLL,3452.3477,N,07439.0609,W,083937,A*3F
\$GPRMC,083937,A,3452.3477,N,07439.0609,W,3.9,34.0,060414,11.9,W*72
\$GPVTG,34.0,T,45.9,M,3.9,N,7.2,K*4E
\$GPZDA,083937,06,04,2014,00,00*4B
\$GPGBS,083937,,,,,,,,*47
\$HEHDT,29.6,T*12
\$GPGGA,083938,3452.3488,N,07439.0601,W,2,10,0.2,10,M,,M,,*61

PORT 4 04-06-2014 08:40:29
\$HEHDT,29.5,T*11
\$GPGLL,3452.3488,N,07439.0601,W,083938,A*38
\$GPRMC,083938,A,3452.3488,N,07439.0601,W,3.8,34.3,060414,11.9,W*77
\$GPVTG,34.3,T,46.2,M,3.8,N,7.0,K*46
\$GPZDA,083938,06,04,2014,00,00*44
\$GPGBS,083938,,,,,,,,*48
\$GPGGA,083939,3452.3498,N,07439.0592,W,2,10,0.3,10,M,,M,,*69
\$HEHDT,29.2,T*16

PORT 4 04-06-2014 08:40:30
\$GPGLL,3452.3498,N,07439.0592,W,083939,A*31
\$HEHDT,28.5,T*10
\$GPRMC,083939,A,3452.3498,N,07439.0592,W,3.9,34.9,060414,11.9,W*75
\$GPVTG,34.9,T,46.8,M,3.9,N,7.2,K*45
\$GPZDA,083939,06,04,2014,00,00*45
\$GPGBS,083939,,,,,,,,*49
\$GPGGA,083940,3452.3506,N,07439.0584,W,2,10,0.2,10,M,,M,,*67
\$HEHDT,28.1,T*14

PORT 4 04-06-2014 08:40:31
\$GPGLL,3452.3506,N,07439.0584,W,083940,A*3E
\$GPRMC,083940,A,3452.3506,N,07439.0584,W,4.0,35.5,060414,11.9,W*79
\$HEHDT,27.4,T*1E
\$GPVTG,35.5,T,47.4,M,4.0,N,7.4,K*4D
\$GPZDA,083940,06,04,2014,00,00*4B
\$GPGBS,083940,,,,,,,,*47
\$GPGGA,083941,3452.3514,N,07439.0578,W,2,10,0.2,10,M,,M,,*66
\$HEHDT,27.3,T*19

PORT 4 04-06-2014 08:40:32
\$GPGLL,3452.3514,N,07439.0578,W,083941,A*3F
\$GPRMC,083941,A,3452.3514,N,07439.0578,W,4.0,35.8,060414,11.9,W*75
\$GPVTG,35.8,T,47.7,M,4.0,N,7.4,K*43
\$HEHDT,26.9,T*12
\$GPZDA,083941,06,04,2014,00,00*4A
\$GPGBS,083941,,,,,,,,*46
\$GPGGA,083942,3452.3524,N,07439.0573,W,2,10,0.2,10,M,,M,,*6D
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s01_c04_survey.Log

PORT 4 04-06-2014 08:40:33

\$HEHDT,27.0,T*1A
\$GPGLL,3452.3524,N,07439.0573,W,083942,A*34
\$GPRMC,083942,A,3452.3524,N,07439.0573,W,3.9,35.8,060414,11.9,W*70
\$GPVTG,35.8,T,47.7,M,3.9,N,7.2,K*4B
\$GPZDA,083942,06,04,2014,00,00*49
\$GPGBS,083942,,,,,,,,*45
\$HEHDT,27.2,T*18
\$GPGGA,083943,3452.3535,N,07439.0569,W,2,10,0.2,10,M,,M,,*67

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PORT 4 04-06-2014 08:40:34

\$HEHDT,27.1,T*1B
\$GPGLL,3452.3535,N,07439.0569,W,083943,A*3E
\$GPRMC,083943,A,3452.3535,N,07439.0569,W,3.8,35.1,060414,11.9,W*72
\$GPVTG,35.1,T,47.0,M,3.8,N,7.0,K*46
\$GPZDA,083943,06,04,2014,00,00*48
\$GPGBS,083943,,,,,,,,*44
\$GPGGA,083944,3452.3546,N,07439.0564,W,2,10,0.2,10,M,,M,,*69

\$HEHDT,27.0,T*1A

PORT 12000 04-06-2014 08:40:34

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:40:35

\$HEHDT,27.1,T*1B
\$GPGLL,3452.3546,N,07439.0564,W,083944,A*30
\$GPRMC,083944,A,3452.3546,N,07439.0564,W,3.8,33.5,060414,11.9,W*7E
\$GPVTG,33.5,T,45.4,M,3.8,N,7.0,K*42
\$GPZDA,083944,06,04,2014,00,00*4F
\$GPGBS,083944,,,,,,,,*43
\$GPGGA,083945,3452.3557,N,07439.0558,W,2,10,0.2,10,M,,M,,*67

\$HEHDT,26.5,T*1E

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PORT 4 04-06-2014 08:40:36

\$GPGLL,3452.3557,N,07439.0558,W,083945,A*3E
\$GPRMC,083945,A,3452.3557,N,07439.0558,W,3.8,31.6,060414,11.9,W*71
\$HEHDT,26.0,T*1B
\$GPVTG,31.6,T,43.5,M,3.8,N,7.0,K*44
\$GPZDA,083945,06,04,2014,00,00*4E
\$GPGBS,083945,,,,,,,,*42
\$GPGGA,083946,3452.3567,N,07439.0552,W,2,10,0.2,11,M,,M,,*6C

\$HEHDT,25.8,T*10

#

PORT 4 04-06-2014 08:40:37

\$GPGLL,3452.3567,N,07439.0552,W,083946,A*34
\$GPRMC,083946,A,3452.3567,N,07439.0552,W,3.9,30.7,060414,11.9,W*7A
\$GPVTG,30.7,T,42.6,M,3.9,N,7.2,K*45
\$HEHDT,25.6,T*1E
\$GPZDA,083946,06,04,2014,00,00*4D
\$GPGBS,083946,,,,,,,,*41
\$GPGGA,083947,3452.3577,N,07439.0546,W,2,10,0.2,11,M,,M,,*69

\$HEHDT,25.8,T*10

#

PORT 4 04-06-2014 08:40:38

\$GPGLL,3452.3577,N,07439.0546,W,083947,A*31
\$GPRMC,083947,A,3452.3577,N,07439.0546,W,3.9,30.4,060414,11.9,W*7C
\$GPVTG,30.4,T,42.3,M,3.9,N,7.2,K*43
\$GPZDA,083947,06,04,2014,00,00*4C
\$HEHDT,26.2,T*19
\$GPGBS,083947,,,,,,,,*40
\$GPGGA,083948,3452.3586,N,07439.0540,W,2,10,0.2,11,M,,M,,*6E

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PORT 4 04-06-2014 08:40:39

\$HEHDT,25.8,T*10

S01_C04_survey.Log

\$GPGLL,3452.3586,N,07439.0540,W,083948,A*36
\$GPRMC,083948,A,3452.3586,N,07439.0540,W,3.9,29.9,060414,11.9,W*7E
\$GPVTG,29.9,T,41.8,M,3.9,N,7.2,K*4E
\$GPZDA,083948,06,04,2014,00,00*43
\$GPGBS,083948,,,,,,,,*4F
\$GPGGA,083949,3452.3596,N,07439.0533,W,2,10,0.2,11,M,,M,,*6A
\$HEHDT,25.8,T*10

#

PORT 4 04-06-2014 08:40:40

\$GPGLL,3452.3596,N,07439.0533,W,083949,A*32
\$HEHDT,25.6,T*1E
\$GPRMC,083949,A,3452.3596,N,07439.0533,W,3.9,29.3,060414,11.9,W*70
\$GPVTG,29.3,T,41.2,M,3.9,N,7.2,K*4E
\$GPZDA,083949,06,04,2014,00,00*42
\$GPGBS,083949,,,,,,,,*4E
\$GPGGA,083950,3452.3606,N,07439.0525,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,25.4,T*1C

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PORT 4 04-06-2014 08:40:41

\$GPGLL,3452.3606,N,07439.0525,W,083950,A*37
\$GPRMC,083950,A,3452.3606,N,07439.0525,W,3.9,29.7,060414,11.9,W*71
\$HEHDT,25.4,T*1C
\$GPVTG,29.7,T,41.6,M,3.9,N,7.2,K*4E
\$GPZDA,083950,06,04,2014,00,00*4A
\$GPGBS,083950,,,,,,,,*46
\$GPGGA,083951,3452.3615,N,07439.0517,W,2,10,0.2,11,M,,M,,*6D
\$HEHDT,25.1,T*19

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PORT 4 04-06-2014 08:40:42

\$GPGLL,3452.3615,N,07439.0517,W,083951,A*35
\$GPRMC,083951,A,3452.3615,N,07439.0517,W,4.0,30.8,060414,11.9,W*7A
\$HEHDT,24.9,T*10
\$GPVTG,30.8,T,42.7,M,4.0,N,7.4,K*43
\$GPZDA,083951,06,04,2014,00,00*4B
\$GPGBS,083951,,,,,,,,*47
\$GPGGA,083952,3452.3625,N,07439.0511,W,2,10,0.2,11,M,,M,,*6B
\$HEHDT,25.1,T*19

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PORT 4 04-06-2014 08:40:43

\$GPGLL,3452.3625,N,07439.0511,W,083952,A*33
\$GPRMC,083952,A,3452.3625,N,07439.0511,W,4.0,31.4,060414,11.9,W*71
\$GPVTG,31.4,T,43.3,M,4.0,N,7.4,K*4B
\$GPZDA,083952,06,04,2014,00,00*48
\$HEHDT,25.0,T*18
\$GPGBS,083952,,,,,,,,*44
\$GPGGA,083953,3452.3636,N,07439.0507,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,25.4,T*1C

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PORT 4 04-06-2014 08:40:44

\$GPGLL,3452.3636,N,07439.0507,W,083953,A*37
\$GPRMC,083953,A,3452.3636,N,07439.0507,W,4.0,30.8,060414,11.9,W*78
\$GPVTG,30.8,T,42.7,M,4.0,N,7.4,K*43
\$GPZDA,083953,06,04,2014,00,00*49
\$HEHDT,25.4,T*1C
\$GPGBS,083953,,,,,,,,*45
\$GPGGA,083954,3452.3646,N,07439.0501,W,2,10,0.2,11,M,,M,,*69

PORT 12000 04-06-2014 08:40:44

\$PPWBA,d2pc15,192.168.2.151,online

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PORT 4 04-06-2014 08:40:46

\$HEHDT,25.5,T*1D
\$GPGLL,3452.3646,N,07439.0501,W,083954,A*31
\$GPRMC,083954,A,3452.3646,N,07439.0501,W,3.9,29.5,060414,11.9,W*75

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\$GPVTG,29.5,T,41.4,M,3.9,N,7.2,K*4E
\$GPZDA,083954,06,04,2014,00,00*4E
\$GPGBS,083954,,,,,,,,*42
\$GPGGA,083955,3452.3656,N,07439.0495,W,2,10,0.2,11,M,,M,,*65
\$HEHDT,25.5,T*1D
\$GPGLL,3452.3656,N,07439.0495,W,083955,A*3D
\$GPRMC,083955,A,3452.3656,N,07439.0495,W,3.9,28.6,060414,11.9,W*7B
\$HEHDT,25.1,T*19
\$GPVTG,28.6,T,40.5,M,3.9,N,7.2,K*4C
\$GPZDA,083955,06,04,2014,00,00*4F
\$GPGBS,083955,,,,,,,,*43
\$GPGGA,083956,3452.3667,N,07439.0487,W,2,10,0.2,11,M,,M,,*67
\$HEHDT,24.7,T*1E

PORT 4 04-06-2014 08:40:47
\$GPGLL,3452.3667,N,07439.0487,W,083956,A*3F
\$GPRMC,083956,A,3452.3667,N,07439.0487,W,3.9,28.5,060414,11.9,W*7A
\$HEHDT,24.6,T*1F
\$GPVTG,28.5,T,40.4,M,3.9,N,7.2,K*4E
\$GPZDA,083956,06,04,2014,00,00*4C
\$GPGBS,083956,,,,,,,,*40
\$GPGGA,083957,3452.3678,N,07439.0480,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,24.9,T*10

PORT 4 04-06-2014 08:40:48
\$GPGLL,3452.3678,N,07439.0480,W,083957,A*37
\$GPRMC,083957,A,3452.3678,N,07439.0480,W,4.0,28.6,060414,11.9,W*7F
\$GPVTG,28.6,T,40.5,M,4.0,N,7.4,K*44
\$GPZDA,083957,06,04,2014,00,00*4D
\$HEHDT,25.2,T*1A
\$GPGBS,083957,,,,,,,,*41
\$GPGGA,083958,3452.3689,N,07439.0475,W,2,10,0.2,11,M,,M,,*64

PORT 4 04-06-2014 08:40:49
\$HEHDT,25.7,T*1F
\$GPGLL,3452.3689,N,07439.0475,W,083958,A*3C
\$GPRMC,083958,A,3452.3689,N,07439.0475,W,4.1,28.1,060414,11.9,W*72
\$GPVTG,28.1,T,40.0,M,4.1,N,7.6,K*45
\$GPZDA,083958,06,04,2014,00,00*42
\$GPGBS,083958,,,,,,,,*4E
\$HEHDT,25.7,T*1F
\$GPGGA,083959,3452.3698,N,07439.0469,W,2,10,0.3,11,M,,M,,*69

PORT 4 04-06-2014 08:40:50
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\$GPGLL,3452.3698,N,07439.0469,W,083959,A*30
\$GPRMC,083959,A,3452.3698,N,07439.0469,W,4.2,27.5,060414,11.9,W*76
\$GPVTG,27.5,T,39.4,M,4.2,N,7.8,K*49
\$GPZDA,083959,06,04,2014,00,00*43
\$GPGBS,083959,,,,,,,,*4F
\$GPGGA,084000,3452.3708,N,07439.0463,W,2,10,0.2,11,M,,M,,*68
\$HEHDT,25.6,T*1E

PORT 4 04-06-2014 08:40:51
\$HEHDT,25.3,T*1B
\$GPGLL,3452.3708,N,07439.0463,W,084000,A*30
\$GPRMC,084000,A,3452.3708,N,07439.0463,W,4.1,27.1,060414,11.9,W*71
\$GPVTG,27.1,T,39.0,M,4.1,N,7.6,K*44
\$GPZDA,084000,06,04,2014,00,00*41
\$GPGBS,084000,,,,,,,,*4D
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\$HEHDT,25.4,T*1C
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PORT 5 04-06-2014 08:40:52

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PORT 4 04-06-2014 08:40:52

\$HEHDT,25.3,T*1B

\$GPGLL,3452.3708,N,07439.0463,W,084000,A*30

\$GPRMC,084000,A,3452.3708,N,07439.0463,W,4.1,27.1,060414,11.9,W*71

\$GPVTG,27.1,T,39.0,M,4.1,N,7.6,K*44

\$GPZDA,084000,06,04,2014,00,00*41

\$GPGBS,084000,,,,,,,,*4D

\$GPGBA,084001,3452.3718,N,07439.0457,W,2,10,0.3,11,M,,M,,*6E

\$HEHDT,25.4,T*1C

\$GPGLL,3452.3718,N,07439.0457,W,084001,A*37

\$GPRMC,084001,A,3452.3718,N,07439.0457,W,4.0,27.3,060414,11.9,W*75

\$HEHDT,25.3,T*1B

\$GPVTG,27.3,T,39.2,M,4.0,N,7.4,K*47

\$GPZDA,084001,06,04,2014,00,00*40

\$GPGBS,084001,,,,,,,,*4C

\$GPGBA,084002,3452.3729,N,07439.0449,W,2,9,0.3,11,M,,M,,*58

\$HEHDT,25.3,T*1B

\$GPGLL,3452.3729,N,07439.0449,W,084002,A*39

\$GPRMC,084002,A,3452.3729,N,07439.0449,W,4.0,27.6,060414,11.9,W*7E

\$GPVTG,27.6,T,39.5,M,4.0,N,7.4,K*45

\$HEHDT,25.0,T*18

\$GPZDA,084002,06,04,2014,00,00*43

\$GPGBS,084002,,,,,,,,*4F

\$GPGBA,084003,3452.3737,N,07439.0441,W,2,9,0.3,12,M,,M,,*5D

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PORT 4 04-06-2014 08:40:53

\$HEHDT,25.1,T*19

\$GPGLL,3452.3737,N,07439.0441,W,084003,A*3F

\$GPRMC,084003,A,3452.3737,N,07439.0441,W,4.1,27.9,060414,11.9,W*76

\$GPVTG,27.9,T,39.8,M,4.1,N,7.6,K*44

\$HEHDT,25.0,T*18

\$GPZDA,084003,06,04,2014,00,00*42

\$GPGBS,084003,,,,,,,,*4E

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PORT 4 04-06-2014 08:40:55

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\$GPRMC,084004,A,3452.3747,N,07439.0435,W,4.1,28.0,060414,11.9,W*73

\$GPVTG,28.0,T,39.9,M,4.1,N,7.6,K*43

\$GPZDA,084004,06,04,2014,00,00*45

\$GPGBS,084004,,,,,,,,*49

\$GPGBA,084005,3452.3755,N,07439.0428,W,2,9,0.2,12,M,,M,,*51

\$HEHDT,25.0,T*18

#

PORT 5 04-06-2014 08:40:56

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PORT 4 04-06-2014 08:40:56

\$GPGLL,3452.3755,N,07439.0428,W,084005,A*32

\$HEHDT,25.3,T*1B

\$GPRMC,084005,A,3452.3755,N,07439.0428,W,4.0,28.0,060414,11.9,W*7C

\$GPVTG,28.0,T,39.9,M,4.0,N,7.4,K*40

\$GPZDA,084005,06,04,2014,00,00*44

\$GPGBS,084005,,,,,,,,*48

\$GPGBA,084006,3452.3768,N,07439.0422,W,2,10,0.2,12,M,,M,,*6E

\$HEHDT,24.8,T*11

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PORT 4 04-06-2014 08:40:57

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\$GPGLL,3452.3768,N,07439.0422,w,084006,A*35
\$HEHDT,24.8,T*11
\$GPRMC,084006,A,3452.3768,N,07439.0422,w,4.0,28.4,060414,11.9,w*7F
\$GPVTG,28.4,T,40.3,M,4.0,N,7.4,K*40
\$GPZDA,084006,06,04,2014,00,00*47
\$GPGBS,084006,,,,,,,,*4B
\$GPGGA,084007,3452.3781,N,07439.0417,w,2,10,0.3,12,M,,M,,*6F
\$HEHDT,24.4,T*1D

PORT 4 04-06-2014 08:40:58
\$GPGLL,3452.3781,N,07439.0417,w,084007,A*35
\$GPRMC,084007,A,3452.3781,N,07439.0417,w,4.2,28.1,060414,11.9,w*78
\$HEHDT,24.4,T*1D
\$GPVTG,28.1,T,40.0,M,4.2,N,7.8,K*48
\$GPZDA,084007,06,04,2014,00,00*46
\$GPGBS,084007,,,,,,,,*4A
\$GPGGA,084008,3452.3792,N,07439.0412,w,2,9,0.3,12,M,,M,,*5F
\$HEHDT,24.4,T*1D

PORT 4 04-06-2014 08:40:59
\$GPGLL,3452.3792,N,07439.0412,w,084008,A*3D
\$GPRMC,084008,A,3452.3792,N,07439.0412,w,4.2,26.9,060414,11.9,w*76
\$GPVTG,26.9,T,38.8,M,4.2,N,7.8,K*49
\$HEHDT,24.5,T*1C
\$GPZDA,084008,06,04,2014,00,00*49
\$GPGBS,084008,,,,,,,,*45
\$GPGGA,084009,3452.3805,N,07439.0407,w,2,9,0.3,12,M,,M,,*5B
\$HEHDT,24.4,T*1D
\$GPGLL,3452.3805,N,07439.0407,w,084009,A*39
\$GPRMC,084009,A,3452.3805,N,07439.0407,w,4.2,25.8,060414,11.9,w*70
\$GPVTG,25.8,T,37.7,M,4.2,N,7.8,K*4B
\$GPZDA,084009,06,04,2014,00,00*48
\$GPGBS,084009,,,,,,,,*44
\$GPGGA,084010,3452.3816,N,07439.0402,w,2,7,0.3,12,M,,M,,*5A
\$HEHDT,24.5,T*1C

PORT 4 04-06-2014 08:41:01
\$HEHDT,24.6,T*1F
\$GPGLL,3452.3816,N,07439.0402,w,084010,A*36
\$GPRMC,084010,A,3452.3816,N,07439.0402,w,4.3,25.3,060414,11.9,w*75
\$GPVTG,25.3,T,37.2,M,4.3,N,8.0,K*43
\$GPZDA,084010,06,04,2014,00,00*40
\$GPGBS,084010,,,,,,,,*4C
\$GPGGA,084011,3452.3826,N,07439.0396,w,2,7,0.3,12,M,,M,,*52
\$HEHDT,24.1,T*18

PORT 4 04-06-2014 08:41:02
\$HEHDT,24.0,T*19
\$GPGLL,3452.3826,N,07439.0396,w,084011,A*3E
\$GPRMC,084011,A,3452.3826,N,07439.0396,w,4.2,25.1,060414,11.9,w*7E
\$GPVTG,25.1,T,37.0,M,4.2,N,7.8,K*45
\$GPZDA,084011,06,04,2014,00,00*41
\$GPGBS,084011,,,,,,,,*4D
\$GPGGA,084012,3452.3837,N,07439.0390,w,2,7,0.3,12,M,,M,,*57
\$HEHDT,24.1,T*18

PORT 4 04-06-2014 08:41:03
\$GPGLL,3452.3837,N,07439.0390,w,084012,A*3B
\$GPRMC,084012,A,3452.3837,N,07439.0390,w,4.1,25.3,060414,11.9,w*7A
\$HEHDT,23.9,T*17
\$GPVTG,25.3,T,37.2,M,4.1,N,7.6,K*48
\$GPZDA,084012,06,04,2014,00,00*42
\$GPGBS,084012,,,,,,,,*4E

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\$GPGGA,084013,3452.3849,N,07439.0383,W,2,7,0.3,12,M,,M,,*5D
\$HEHDT,23.9,T*17

PORT 4 04-06-2014 08:41:04
\$GPGLL,3452.3849,N,07439.0383,W,084013,A*31
\$GPRMC,084013,A,3452.3849,N,07439.0383,W,4.1,25.8,060414,11.9,W*7B
\$HEHDT,23.9,T*17
\$GPVTG,25.8,T,37.7,M,4.1,N,7.6,K*46
\$GPZDA,084013,06,04,2014,00,00*43
\$GPGBS,084013,,,,,,,,*4F
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PORT 12000 04-06-2014 08:41:04
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PORT 4 04-06-2014 08:41:05
\$HEHDT,23.1,T*1F
\$GPGLL,3452.3860,N,07439.0375,W,084014,A*34
\$GPRMC,084014,A,3452.3860,N,07439.0375,W,4.2,26.3,060414,11.9,W*75
\$GPVTG,26.3,T,38.2,M,4.2,N,7.8,K*49
\$GPZDA,084014,06,04,2014,00,00*44
\$HEHDT,23.2,T*1C
\$GPGBS,084014,,,,,,,,*48
\$GPGGA,084015,3452.3867,N,07439.0370,W,2,7,0.3,12,M,,M,,*5B

PORT 4 04-06-2014 08:41:06
\$HEHDT,23.0,T*1E
\$GPGLL,3452.3867,N,07439.0370,W,084015,A*37
\$GPRMC,084015,A,3452.3867,N,07439.0370,W,4.2,26.5,060414,11.9,W*70
\$GPVTG,26.5,T,38.4,M,4.2,N,7.8,K*49
\$GPZDA,084015,06,04,2014,00,00*45
\$GPGBS,084015,,,,,,,,*49
\$GPGGA,084016,3452.3878,N,07439.0363,W,2,9,0.3,12,M,,M,,*5A
\$HEHDT,23.1,T*1F

PORT 4 04-06-2014 08:41:07
\$HEHDT,23.4,T*1A
\$GPGLL,3452.3878,N,07439.0363,W,084016,A*38
\$GPRMC,084016,A,3452.3878,N,07439.0363,W,4.1,26.5,060414,11.9,W*7C
\$GPVTG,26.5,T,38.4,M,4.1,N,7.6,K*44
\$GPZDA,084016,06,04,2014,00,00*46
\$GPGBS,084016,,,,,,,,*4A
\$GPGGA,084017,3452.3889,N,07439.0356,W,2,9,0.2,12,M,,M,,*52
\$HEHDT,23.7,T*19

PORT 4 04-06-2014 08:41:08
\$GPGLL,3452.3889,N,07439.0356,W,084017,A*31
\$HEHDT,24.0,T*19
\$GPRMC,084017,A,3452.3889,N,07439.0356,W,4.1,26.2,060414,11.9,W*72
\$GPVTG,26.2,T,38.1,M,4.1,N,7.6,K*46
\$GPZDA,084017,06,04,2014,00,00*47
\$GPGBS,084017,,,,,,,,*4B
\$GPGGA,084018,3452.3902,N,07439.0350,W,2,10,0.2,12,M,,M,,*61
\$HEHDT,23.8,T*16

PORT 4 04-06-2014 08:41:09
\$GPGLL,3452.3902,N,07439.0350,W,084018,A*3A
\$GPRMC,084018,A,3452.3902,N,07439.0350,W,4.3,25.5,060414,11.9,W*7F
\$HEHDT,23.1,T*1F
\$GPVTG,25.5,T,37.4,M,4.3,N,8.0,K*43
\$GPZDA,084018,06,04,2014,00,00*48
\$GPGBS,084018,,,,,,,,*44
\$GPGGA,084019,3452.3911,N,07439.0345,W,2,10,0.2,12,M,,M,,*66
\$HEHDT,22.6,T*19

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PORT 4 04-06-2014 08:41:10
\$GPGLL,3452.3911,N,07439.0345,W,084019,A*3D
\$GPRMC,084019,A,3452.3911,N,07439.0345,W,4.3,24.5,060414,11.9,W*79
\$GPVTG,24.5,T,36.4,M,4.3,N,8.0,K*43
\$HEHDT,22.2,T*1D
\$GPZDA,084019,06,04,2014,00,00*49
\$GPGBS,084019,,,,,,,,*45
\$GPGGA,084020,3452.3921,N,07439.0340,W,2,9,0.3,12,M,,M,,*53
\$HEHDT,21.4,T*18
\$GPGLL,3452.3921,N,07439.0340,W,084020,A*31
\$GPRMC,084020,A,3452.3921,N,07439.0340,W,4.3,23.8,060414,11.9,W*7F
\$GPVTG,23.8,T,35.7,M,4.3,N,8.0,K*49
\$GPZDA,084020,06,04,2014,00,00*43
\$GPGBS,084020,,,,,,,,*4F
\$HEHDT,21.4,T*18
\$GPGGA,084021,3452.3932,N,07439.0335,W,2,9,0.2,12,M,,M,,*53

PORT 4 04-06-2014 08:41:11
\$HEHDT,21.5,T*19
\$GPGLL,3452.3932,N,07439.0335,W,084021,A*30
\$GPRMC,084021,A,3452.3932,N,07439.0335,W,4.2,23.4,060414,11.9,W*73
\$GPVTG,23.4,T,35.3,M,4.2,N,7.8,K*47
\$GPZDA,084021,06,04,2014,00,00*42
\$GPGBS,084021,,,,,,,,*4E
\$GPGGA,084022,3452.3943,N,07439.0328,W,2,10,0.2,12,M,,M,,*62
\$HEHDT,22.1,T*1E

PORT 4 04-06-2014 08:41:12
\$GPGLL,3452.3943,N,07439.0328,W,084022,A*39
\$HEHDT,22.3,T*1C
\$GPRMC,084022,A,3452.3943,N,07439.0328,W,4.2,22.9,060414,11.9,W*76
\$GPVTG,22.9,T,34.8,M,4.2,N,7.8,K*41
\$GPZDA,084022,06,04,2014,00,00*41
\$GPGBS,084022,,,,,,,,*4D
\$GPGGA,084023,3452.3953,N,07439.0321,W,2,10,0.3,12,M,,M,,*6A
\$HEHDT,22.3,T*1C

PORT 4 04-06-2014 08:41:14
\$GPGLL,3452.3953,N,07439.0321,W,084023,A*30
\$GPRMC,084023,A,3452.3953,N,07439.0321,W,4.3,22.6,060414,11.9,W*71
\$HEHDT,22.0,T*1F
\$GPVTG,22.6,T,34.5,M,4.3,N,8.0,K*45
\$GPZDA,084023,06,04,2014,00,00*40
\$GPGBS,084023,,,,,,,,*4C
\$GPGGA,084024,3452.3962,N,07439.0315,W,2,9,0.3,12,M,,M,,*50
\$HEHDT,21.7,T*1B

PORT 12000 04-06-2014 08:41:14
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PORT 4 04-06-2014 08:41:15
\$GPGLL,3452.3962,N,07439.0315,W,084024,A*32
\$GPRMC,084024,A,3452.3962,N,07439.0315,W,4.3,23.2,060414,11.9,W*76
\$GPVTG,23.2,T,35.1,M,4.3,N,8.0,K*45
\$HEHDT,21.7,T*1B
\$GPZDA,084024,06,04,2014,00,00*47
\$GPGBS,084024,,,,,,,,*4B
\$GPGGA,084025,3452.3972,N,07439.0311,W,2,9,0.3,12,M,,M,,*54
\$HEHDT,21.3,T*1F

PORT 4 04-06-2014 08:41:16
\$GPGLL,3452.3972,N,07439.0311,W,084025,A*36
\$GPRMC,084025,A,3452.3972,N,07439.0311,W,4.2,23.9,060414,11.9,W*78

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\$GPVTG,23.9,T,35.8,M,4.2,N,7.8,K*41
\$GPZDA,084025,06,04,2014,00,00*46
\$GPGBS,084025,,,,,,,,*4A
\$HEHDT,21.2,T*1E
\$GPGGA,084026,3452.3985,N,07439.0306,W,2,9,0.3,12,M,,M,,*59

PORT 4 04-06-2014 08:41:17
\$HEHDT,21.4,T*18
\$GPGLL,3452.3985,N,07439.0306,W,084026,A*3B
\$GPRMC,084026,A,3452.3985,N,07439.0306,W,4.1,24.0,060414,11.9,w*78
\$GPVTG,24.0,T,35.9,M,4.1,N,7.6,K*43
\$GPZDA,084026,06,04,2014,00,00*45
\$GPGBS,084026,,,,,,,,*49
\$GPGGA,084027,3452.3997,N,07439.0301,W,2,9,0.4,12,M,,M,,*5B
\$HEHDT,21.6,T*1A

PORT 4 04-06-2014 08:41:18
\$GPGLL,3452.3997,N,07439.0301,W,084027,A*3E
\$HEHDT,21.3,T*1F
\$GPRMC,084027,A,3452.3997,N,07439.0301,W,4.1,23.1,060414,11.9,w*7B
\$GPVTG,23.1,T,35.0,M,4.1,N,7.6,K*4C
\$GPZDA,084027,06,04,2014,00,00*44
\$GPGBS,084027,,,,,,,,*48
\$GPGGA,084028,3452.4010,N,07439.0296,W,2,6,0.4,12,M,,M,,*55
\$HEHDT,21.1,T*1D

PORT 4 04-06-2014 08:41:19
\$GPGLL,3452.4010,N,07439.0296,W,084028,A*3F
\$GPRMC,084028,A,3452.4010,N,07439.0296,W,4.3,22.2,060414,11.9,w*7A
\$HEHDT,20.3,T*1E
\$GPVTG,22.2,T,34.1,M,4.3,N,8.0,K*45
\$GPZDA,084028,06,04,2014,00,00*4B
\$GPGBS,084028,,,,,,,,*47
\$GPGGA,084029,3452.4019,N,07439.0291,W,2,6,0.3,12,M,,M,,*5D
\$HEHDT,20.0,T*1D

PORT 4 04-06-2014 08:41:20
\$GPGLL,3452.4019,N,07439.0291,W,084029,A*30
\$GPRMC,084029,A,3452.4019,N,07439.0291,W,4.3,21.6,060414,11.9,w*72
\$HEHDT,20.0,T*1D
\$GPVTG,21.6,T,33.5,M,4.3,N,8.0,K*41
\$GPZDA,084029,06,04,2014,00,00*4A
\$GPGBS,084029,,,,,,,,*46
\$GPGGA,084030,3452.4027,N,07439.0286,W,2,9,0.3,12,M,,M,,*51
\$HEHDT,19.9,T*1E

PORT 4 04-06-2014 08:41:21
\$GPGLL,3452.4027,N,07439.0286,W,084030,A*33
\$GPRMC,084030,A,3452.4027,N,07439.0286,W,4.2,21.3,060414,11.9,w*75
\$GPVTG,21.3,T,33.2,M,4.2,N,7.8,K*45
\$GPZDA,084030,06,04,2014,00,00*42
\$HEHDT,19.7,T*10
\$GPGBS,084030,,,,,,,,*4E
\$GPGGA,084031,3452.4040,N,07439.0281,W,2,9,0.4,12,M,,M,,*51
\$HEHDT,20.3,T*1E

PORT 4 04-06-2014 08:41:22
\$GPGLL,3452.4040,N,07439.0281,W,084031,A*34
\$GPRMC,084031,A,3452.4040,N,07439.0281,W,4.1,21.3,060414,11.9,w*71
\$GPVTG,21.3,T,33.2,M,4.1,N,7.6,K*48
\$GPZDA,084031,06,04,2014,00,00*43
\$GPGBS,084031,,,,,,,,*4F
\$GPGGA,084032,3452.4052,N,07439.0277,W,2,9,0.3,12,M,,M,,*5F

S01_C04_survey.Log

\$HEHDT,20.4,T*19

#

PORT 4 04-06-2014 08:41:23

\$GPGLL,3452.4052,N,07439.0277,W,084032,A*3D

\$HEHDT,20.5,T*18

\$GPRMC,084032,A,3452.4052,N,07439.0277,W,4.2,20.9,060414,11.9,W*70

\$GPVTG,20.9,T,32.8,M,4.2,N,7.8,K*45

\$GPZDA,084032,06,04,2014,00,00*40

\$GPGBS,084032,,,,,,,,*4C

\$GPGGA,084033,3452.4061,N,07439.0272,W,2,9,0.3,12,M,,M,,*5B

\$HEHDT,20.8,T*15

#

PORT 4 04-06-2014 08:41:24

\$GPGLL,3452.4061,N,07439.0272,W,084033,A*39

\$GPRMC,084033,A,3452.4061,N,07439.0272,W,4.2,20.5,060414,11.9,W*78

\$HEHDT,20.9,T*14

\$GPVTG,20.5,T,32.4,M,4.2,N,7.8,K*45

\$GPZDA,084033,06,04,2014,00,00*41

\$GPGBS,084033,,,,,,,,*4D

\$GPGGA,084034,3452.4068,N,07439.0267,W,2,9,0.3,12,M,,M,,*51

\$HEHDT,20.9,T*14

\$GPGLL,3452.4068,N,07439.0267,W,084034,A*33

\$GPRMC,084034,A,3452.4068,N,07439.0267,W,4.1,20.5,060414,11.9,W*71

\$HEHDT,20.9,T*14

\$GPVTG,20.5,T,32.4,M,4.1,N,7.6,K*48

\$GPZDA,084034,06,04,2014,00,00*46

\$GPGBS,084034,,,,,,,,*4A

\$GPGGA,084035,3452.4077,N,07439.0261,W,2,9,0.4,12,M,,M,,*5F

PORT 12000 04-06-2014 08:41:24

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:41:25

\$HEHDT,20.6,T*1B

\$GPGLL,3452.4077,N,07439.0261,W,084035,A*3A

\$GPRMC,084035,A,3452.4077,N,07439.0261,W,4.0,20.8,060414,11.9,W*74

\$GPVTG,20.8,T,32.7,M,4.0,N,7.4,K*45

\$GPZDA,084035,06,04,2014,00,00*47

\$HEHDT,20.5,T*18

\$GPGBS,084035,,,,,,,,*4B

\$GPGGA,084036,3452.4088,N,07439.0256,W,2,6,0.4,13,M,,M,,*56

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PORT 4 04-06-2014 08:41:26

\$HEHDT,20.5,T*18

\$GPGLL,3452.4088,N,07439.0256,W,084036,A*3D

\$GPRMC,084036,A,3452.4088,N,07439.0256,W,4.0,21.1,060414,11.9,W*7B

\$GPVTG,21.1,T,33.0,M,4.0,N,7.4,K*4B

\$GPZDA,084036,06,04,2014,00,00*44

\$GPGBS,084036,,,,,,,,*48

\$GPGGA,084037,3452.4099,N,07439.0250,W,2,6,0.4,13,M,,M,,*51

\$HEHDT,20.7,T*1A

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PORT 4 04-06-2014 08:41:28

\$HEHDT,20.4,T*19

\$GPGLL,3452.4099,N,07439.0250,W,084037,A*3A

\$GPRMC,084037,A,3452.4099,N,07439.0250,W,4.1,21.0,060414,11.9,W*7C

\$GPVTG,21.0,T,32.9,M,4.1,N,7.6,K*41

\$GPZDA,084037,06,04,2014,00,00*45

\$GPGBS,084037,,,,,,,,*49

\$GPGGA,084038,3452.4110,N,07439.0246,W,2,6,0.4,13,M,,M,,*59

\$HEHDT,20.6,T*1B

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PORT 4 04-06-2014 08:41:29

\$GPGLL,3452.4110,N,07439.0246,W,084038,A*32

S01_C04_survey.Log

\$GPRMC,084038,A,3452.4110,N,07439.0246,W,4.2,20.9,060414,11.9,w*7F
\$HEHDT,20.8,T*15
\$GPVTG,20.9,T,32.8,M,4.2,N,7.8,K*45
\$GPZDA,084038,06,04,2014,00,00*4A
\$GPGBS,084038,,,,,,,,*46
\$GPGGA,084039,3452.4122,N,07439.0243,W,1,6,0.8,13,M,,M,,*53
\$HEHDT,20.9,T*14

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PORT 4 04-06-2014 08:41:30

\$GPGLL,3452.4122,N,07439.0243,W,084039,A*37
\$GPRMC,084039,A,3452.4122,N,07439.0243,W,4.1,21.0,060414,11.9,w*71
\$HEHDT,21.2,T*1E
\$GPVTG,21.0,T,32.9,M,4.1,N,7.6,K*41
\$GPZDA,084039,06,04,2014,00,00*4B
\$GPGBS,084039,,,,,,,,*47
\$GPGGA,084040,3452.4134,N,07439.0239,W,1,10,0.8,13,M,,M,,*60
\$HEHDT,21.5,T*19

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PORT 4 04-06-2014 08:41:31

\$GPGLL,3452.4134,N,07439.0239,W,084040,A*33
\$GPRMC,084040,A,3452.4134,N,07439.0239,W,4.0,20.9,060414,11.9,w*7C
\$GPVTG,20.9,T,32.8,M,4.0,N,7.4,K*4B
\$HEHDT,21.8,T*14
\$GPZDA,084040,06,04,2014,00,00*45
\$GPGBS,084040,,,,,,,,*49
\$GPGGA,084041,3452.4146,N,07439.0234,W,1,10,0.8,13,M,,M,,*69

#

PORT 4 04-06-2014 08:41:32

\$HEHDT,21.9,T*15
\$GPGLL,3452.4146,N,07439.0234,W,084041,A*3A
\$GPRMC,084041,A,3452.4146,N,07439.0234,W,4.1,20.7,060414,11.9,w*7A
\$GPVTG,20.7,T,32.6,M,4.1,N,7.6,K*48
\$GPZDA,084041,06,04,2014,00,00*44
\$GPGBS,084041,,,,,,,,*48
\$HEHDT,22.4,T*1B
\$GPGGA,084042,3452.4159,N,07439.0231,W,1,10,1.5,13,M,,M,,*6D

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PORT 4 04-06-2014 08:41:33

\$HEHDT,22.3,T*1C
\$GPGLL,3452.4159,N,07439.0231,W,084042,A*32
\$GPRMC,084042,A,3452.4159,N,07439.0231,W,4.1,20.3,060414,11.9,w*76
\$GPVTG,20.3,T,32.2,M,4.1,N,7.6,K*48
\$GPZDA,084042,06,04,2014,00,00*47
\$GPGBS,084042,,,,,,,,*4B
\$GPGGA,084043,3452.4171,N,07439.0229,W,1,10,1.5,13,M,,M,,*6F
\$HEHDT,22.4,T*1B

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PORT 4 04-06-2014 08:41:34

\$GPGLL,3452.4171,N,07439.0229,W,084043,A*30
\$HEHDT,22.4,T*1B
\$GPRMC,084043,A,3452.4171,N,07439.0229,W,4.0,20.1,060414,11.9,w*77
\$GPVTG,20.1,T,32.0,M,4.0,N,7.4,K*4B
\$GPZDA,084043,06,04,2014,00,00*46
\$GPGBS,084043,,,,,,,,*4A
\$GPGGA,084044,3452.4184,N,07439.0224,W,1,10,0.8,12,M,,M,,*62
\$HEHDT,22.5,T*1A

PORT 12000 04-06-2014 08:41:34

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:41:35

\$GPGLL,3452.4184,N,07439.0224,W,084044,A*30
\$HEHDT,22.2,T*1D
\$GPRMC,084044,A,3452.4184,N,07439.0224,W,4.0,20.3,060414,11.9,w*75

S01_C04_survey.Log

\$GPVTG,20.3,T,32.2,M,4.0,N,7.4,K*4B
\$GPZDA,084044,06,04,2014,00,00*41
\$GPGBS,084044,,,,,,,,*4D
\$GPGGA,084045,3452.4196,N,07439.0219,W,1,10,0.8,12,M,,M,,*6E
\$HEHDT,22.6,T*19

PORT 4 04-06-2014 08:41:36
\$GPGLL,3452.4196,N,07439.0219,W,084045,A*3C
\$GPRMC,084045,A,3452.4196,N,07439.0219,W,4.2,22.6,060414,11.9,W*7C
\$GPVTG,22.6,T,34.5,M,4.2,N,7.8,K*43
\$HEHDT,22.3,T*1C
\$GPZDA,084045,06,04,2014,00,00*40
\$GPGBS,084045,,,,,,,,*4C
\$GPGGA,084046,3452.4206,N,07439.0212,W,1,10,0.8,12,M,,M,,*6C
\$HEHDT,22.7,T*18

PORT 4 04-06-2014 08:41:37
\$GPGLL,3452.4206,N,07439.0212,W,084046,A*3E
\$GPRMC,084046,A,3452.4206,N,07439.0212,W,4.2,22.6,060414,11.9,W*7E
\$GPVTG,22.6,T,34.5,M,4.2,N,7.8,K*43
\$HEHDT,23.2,T*1C
\$GPZDA,084046,06,04,2014,00,00*43
\$GPGBS,084046,,,,,,,,*4F
\$GPGGA,084047,3452.4217,N,07439.0208,W,2,10,0.4,12,M,,M,,*69

PORT 4 04-06-2014 08:41:38
\$HEHDT,23.0,T*1E
\$GPGLL,3452.4217,N,07439.0208,W,084047,A*34
\$GPRMC,084047,A,3452.4217,N,07439.0208,W,4.1,22.8,060414,11.9,W*79
\$GPVTG,22.8,T,34.7,M,4.1,N,7.6,K*42
\$GPZDA,084047,06,04,2014,00,00*42
\$HEHDT,23.3,T*1D
\$GPGBS,084047,,,,,,,,*4E
\$GPGGA,084048,3452.4229,N,07439.0203,W,2,6,0.4,12,M,,M,,*57

PORT 4 04-06-2014 08:41:39
\$GPGLL,3452.4229,N,07439.0203,W,084048,A*3D
\$HEHDT,23.1,T*1F
\$GPRMC,084048,A,3452.4229,N,07439.0203,W,4.2,21.8,060414,11.9,W*70
\$GPVTG,21.8,T,33.7,M,4.2,N,7.8,K*4B
\$GPZDA,084048,06,04,2014,00,00*4D
\$GPGBS,084048,,,,,,,,*41
\$GPGGA,084049,3452.4240,N,07439.0199,W,2,6,0.4,12,M,,M,,*59
\$HEHDT,23.5,T*1B

PORT 4 04-06-2014 08:41:40
\$GPGLL,3452.4240,N,07439.0199,W,084049,A*33
\$HEHDT,23.4,T*1A
\$GPRMC,084049,A,3452.4240,N,07439.0199,W,4.2,21.8,060414,11.9,W*7E
\$GPVTG,21.8,T,33.7,M,4.2,N,7.8,K*4B
\$GPZDA,084049,06,04,2014,00,00*4C
\$GPGBS,084049,,,,,,,,*40
\$GPGGA,084050,3452.4253,N,07439.0194,W,2,9,0.3,12,M,,M,,*56
\$HEHDT,23.6,T*18

PORT 4 04-06-2014 08:41:41
\$GPGLL,3452.4253,N,07439.0194,W,084050,A*34
\$GPRMC,084050,A,3452.4253,N,07439.0194,W,4.2,20.8,060414,11.9,W*78
\$HEHDT,23.2,T*1C
\$GPVTG,20.8,T,32.7,M,4.2,N,7.8,K*4B
\$GPZDA,084050,06,04,2014,00,00*44
\$GPGBS,084050,,,,,,,,*48
\$GPGGA,084051,3452.4261,N,07439.0187,W,2,9,0.2,12,M,,M,,*55

S01_C04_survey.Log

\$HEHDT,23.7,T*19

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PORT 4 04-06-2014 08:41:42

\$GPGLL,3452.4261,N,07439.0187,W,084051,A*36

\$GPRMC,084051,A,3452.4261,N,07439.0187,W,4.2,21.5,060414,11.9,W*76

\$HEHDT,23.9,T*17

\$GPVTG,21.5,T,33.4,M,4.2,N,7.8,K*45

\$GPZDA,084051,06,04,2014,00,00*45

\$GPGBS,084051,,,,,,,,*49

\$GPGGA,084052,3452.4272,N,07439.0178,W,2,10,0.2,11,M,,M,,*6F

\$HEHDT,24.2,T*1B

#

PORT 4 04-06-2014 08:41:44

\$GPGLL,3452.4272,N,07439.0178,W,084052,A*37

\$GPRMC,084052,A,3452.4272,N,07439.0178,W,4.2,23.0,060414,11.9,W*70

\$GPVTG,23.0,T,34.9,M,4.2,N,7.8,K*48

\$GPZDA,084052,06,04,2014,00,00*46

\$HEHDT,24.2,T*1B

\$GPGBS,084052,,,,,,,,*4A

\$GPGGA,084053,3452.4283,N,07439.0171,W,2,10,0.2,11,M,,M,,*69

\$HEHDT,24.6,T*1F

\$GPGLL,3452.4283,N,07439.0171,W,084053,A*31

\$GPRMC,084053,A,3452.4283,N,07439.0171,W,4.2,24.2,060414,11.9,W*73

\$GPVTG,24.2,T,36.1,M,4.2,N,7.8,K*47

\$GPZDA,084053,06,04,2014,00,00*47

\$GPGBS,084053,,,,,,,,*4B

\$HEHDT,24.4,T*1D

\$GPGGA,084054,3452.4294,N,07439.0164,W,2,10,0.2,11,M,,M,,*6C

PORT 12000 04-06-2014 08:41:44

\$PPWBA,d2pc15,192.168.2.151,Online

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PORT 4 04-06-2014 08:41:45

\$GPGLL,3452.4294,N,07439.0164,W,084054,A*34

\$HEHDT,24.6,T*1F

\$GPRMC,084054,A,3452.4294,N,07439.0164,W,4.2,24.4,060414,11.9,W*70

\$GPVTG,24.4,T,36.3,M,4.2,N,7.8,K*43

\$GPZDA,084054,06,04,2014,00,00*40

\$GPGBS,084054,,,,,,,,*4C

\$GPGGA,084055,3452.4305,N,07439.0158,W,2,10,0.2,11,M,,M,,*6B

\$HEHDT,24.4,T*1D

#

PORT 4 04-06-2014 08:41:46

\$GPGLL,3452.4305,N,07439.0158,W,084055,A*33

\$GPRMC,084055,A,3452.4305,N,07439.0158,W,4.2,24.4,060414,11.9,W*77

\$HEHDT,24.4,T*1D

\$GPVTG,24.4,T,36.3,M,4.2,N,7.8,K*43

\$GPZDA,084055,06,04,2014,00,00*41

\$GPGBS,084055,,,,,,,,*4D

\$GPGGA,084056,3452.4316,N,07439.0152,W,2,10,0.2,11,M,,M,,*60

\$HEHDT,24.7,T*1E

#

PORT 4 04-06-2014 08:41:47

\$GPGLL,3452.4316,N,07439.0152,W,084056,A*38

\$GPRMC,084056,A,3452.4316,N,07439.0152,W,4.3,24.2,060414,11.9,W*7B

\$HEHDT,24.5,T*1C

\$GPVTG,24.2,T,36.1,M,4.3,N,8.0,K*41

\$GPZDA,084056,06,04,2014,00,00*42

\$GPGBS,084056,,,,,,,,*4E

\$GPGGA,084057,3452.4328,N,07439.0145,W,2,10,0.2,11,M,,M,,*6A

\$HEHDT,24.5,T*1C

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PORT 5 04-06-2014 08:41:49

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PORT 4 04-06-2014 08:41:49

\$GPRMC,084057,A,3452.4328,N,07439.0145,W,4.3,23.9,060414,11.9,W*7D
 \$GPVTG,23.9,T,35.8,M,4.3,N,8.0,K*47
 \$HEHDT,24.6,T*1F
 \$GPZDA,084057,06,04,2014,00,00*43
 \$GPGGBS,084057,,,,,,,,*4F
 \$GPGGA,084058,3452.4340,N,07439.0139,W,2,10,0.2,11,M,,M,,*60
 \$HEHDT,24.6,T*1F
 \$GPGLL,3452.4340,N,07439.0139,W,084058,A*38
 \$GPRMC,084058,A,3452.4340,N,07439.0139,W,4.3,23.6,060414,11.9,W*78
 \$GPVTG,23.6,T,35.5,M,4.3,N,8.0,K*45
 \$GPZDA,084058,06,04,2014,00,00*4C
 \$GPGGBS,084058,,,,,,,,*40
 \$HEHDT,24.8,T*11
 \$GPGGA,084059,3452.4351,N,07439.0133,W,2,10,0.2,11,M,,M,,*6B

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PORT 4 04-06-2014 08:41:50

\$HEHDT,25.1,T*19
 \$GPGLL,3452.4351,N,07439.0133,W,084059,A*33
 \$GPRMC,084059,A,3452.4351,N,07439.0133,W,4.3,23.4,060414,11.9,W*71
 \$GPVTG,23.4,T,35.3,M,4.3,N,8.0,K*41
 \$GPZDA,084059,06,04,2014,00,00*4D
 \$GPGGBS,084059,,,,,,,,*41
 \$GPGGA,084100,3452.4362,N,07439.0126,W,2,10,0.2,11,M,,M,,*62
 \$HEHDT,25.1,T*19

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PORT 4 04-06-2014 08:41:51

\$GPGLL,3452.4362,N,07439.0126,W,084100,A*3A
 \$HEHDT,25.5,T*1D
 \$GPRMC,084100,A,3452.4362,N,07439.0126,W,4.3,23.6,060414,11.9,W*7A
 \$GPVTG,23.6,T,35.5,M,4.3,N,8.0,K*45
 \$GPZDA,084100,06,04,2014,00,00*40
 \$GPGGBS,084100,,,,,,,,*4C
 \$GPGGA,084101,3452.4373,N,07439.0119,W,2,10,0.2,11,M,,M,,*6F
 \$HEHDT,25.3,T*1B

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PORT 5 04-06-2014 08:41:52

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PORT 4 04-06-2014 08:41:52

\$GPGLL,3452.4373,N,07439.0119,W,084101,A*37
 \$GPRMC,084101,A,3452.4373,N,07439.0119,W,4.4,24.1,060414,11.9,W*70
 \$HEHDT,25.8,T*10
 \$GPVTG,24.1,T,36.0,M,4.4,N,8.1,K*45
 \$GPZDA,084101,06,04,2014,00,00*41
 \$GPGGBS,084101,,,,,,,,*4D
 \$GPGGA,084102,3452.4384,N,07439.0111,W,2,10,0.2,11,M,,M,,*6C
 \$HEHDT,25.6,T*1E

#

PORT 4 04-06-2014 08:41:53

\$GPGLL,3452.4384,N,07439.0111,W,084102,A*34
 \$GPRMC,084102,A,3452.4384,N,07439.0111,W,4.4,24.9,060414,11.9,W*7B
 \$GPVTG,24.9,T,36.8,M,4.4,N,8.1,K*45
 \$HEHDT,25.5,T*1D
 \$GPZDA,084102,06,04,2014,00,00*42
 \$GPGGBS,084102,,,,,,,,*4E
 \$GPGGA,084103,3452.4395,N,07439.0103,W,2,10,0.2,11,M,,M,,*6E
 \$HEHDT,25.5,T*1D

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PORT 4 04-06-2014 08:41:54

\$GPGLL,3452.4395,N,07439.0103,W,084103,A*36
 \$GPRMC,084103,A,3452.4395,N,07439.0103,W,4.4,25.6,060414,11.9,W*77

S01_C04_survey.Log

\$GPVTG,25.6,T,37.5,M,4.4,N,8.1,K*47
 \$GPZDA,084103,06,04,2014,00,00*43
 \$GPGBS,084103,,,,,,,,*4F
 \$HEHDT,25.4,T*1C
 \$GPGGA,084104,3452.4405,N,07439.0096,W,2,10,0.2,11,M,,M,,*6A
 PORT 12000 04-06-2014 08:41:54
 \$PPWBA,d2pc15,192.168.2.151,Online
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 PORT 4 04-06-2014 08:41:55
 \$HEHDT,25.5,T*1D
 \$GPGLL,3452.4405,N,07439.0096,W,084104,A*32
 \$GPRMC,084104,A,3452.4405,N,07439.0096,W,4.4,26.1,060414,11.9,W*77
 \$GPVTG,26.1,T,38.0,M,4.4,N,8.1,K*49
 \$GPZDA,084104,06,04,2014,00,00*44
 \$GPGBS,084104,,,,,,,,*48
 \$GPGGA,084105,3452.4415,N,07439.0090,W,2,10,0.2,12,M,,M,,*6F
 \$HEHDT,25.8,T*10
 #
 PORT 4 04-06-2014 08:41:56
 \$GPGLL,3452.4415,N,07439.0090,W,084105,A*34
 \$HEHDT,26.1,T*1A
 \$GPRMC,084105,A,3452.4415,N,07439.0090,W,4.3,26.1,060414,11.9,W*76
 \$GPVTG,26.1,T,38.0,M,4.3,N,8.0,K*4F
 \$GPZDA,084105,06,04,2014,00,00*45
 \$GPGBS,084105,,,,,,,,*49
 \$GPGGA,084106,3452.4427,N,07439.0083,W,2,10,0.2,12,M,,M,,*6F
 \$HEHDT,26.2,T*19
 #
 PORT 4 04-06-2014 08:41:57
 \$GPGLL,3452.4427,N,07439.0083,W,084106,A*34
 \$GPRMC,084106,A,3452.4427,N,07439.0083,W,4.4,25.9,060414,11.9,W*7A
 \$HEHDT,26.1,T*1A
 \$GPVTG,25.9,T,37.8,M,4.4,N,8.1,K*45
 \$GPZDA,084106,06,04,2014,00,00*46
 \$GPGBS,084106,,,,,,,,*4A
 \$GPGGA,084107,3452.4438,N,07439.0076,W,2,10,0.2,12,M,,M,,*6A
 \$HEHDT,26.3,T*18
 #
 PORT 4 04-06-2014 08:41:58
 \$GPGLL,3452.4438,N,07439.0076,W,084107,A*31
 \$GPRMC,084107,A,3452.4438,N,07439.0076,W,4.5,25.6,060414,11.9,W*71
 \$GPVTG,25.6,T,37.5,M,4.5,N,8.3,K*44
 \$HEHDT,26.2,T*19
 \$GPZDA,084107,06,04,2014,00,00*47
 \$GPGBS,084107,,,,,,,,*4B
 \$GPGGA,084108,3452.4449,N,07439.0070,W,2,10,0.2,11,M,,M,,*66
 \$HEHDT,26.0,T*1B
 #
 PORT 4 04-06-2014 08:41:59
 \$GPGLL,3452.4449,N,07439.0070,W,084108,A*3E
 \$GPRMC,084108,A,3452.4449,N,07439.0070,W,4.4,25.4,060414,11.9,W*7D
 \$GPVTG,25.4,T,37.3,M,4.4,N,8.1,K*43
 \$GPZDA,084108,06,04,2014,00,00*48
 \$HEHDT,26.4,T*1F
 \$GPGBS,084108,,,,,,,,*44
 \$GPGGA,084109,3452.4460,N,07439.0064,W,2,10,0.3,11,M,,M,,*68
 \$HEHDT,26.8,T*13
 #
 PORT 4 04-06-2014 08:42:00
 \$GPGLL,3452.4460,N,07439.0064,W,084109,A*31
 \$GPRMC,084109,A,3452.4460,N,07439.0064,W,4.3,25.7,060414,11.9,W*76
 \$GPVTG,25.7,T,37.6,M,4.3,N,8.0,K*43
 \$GPZDA,084109,06,04,2014,00,00*49

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\$GPGBS,084109,,,,,,,,*45
\$GPGGA,084110,3452.4471,N,07439.0057,W,2,9,0.3,11,M,,M,,*58
\$HEHDT,26.6,T*1D

PORT 4 04-06-2014 08:42:02
\$GPGLL,3452.4471,N,07439.0057,W,084110,A*39
\$HEHDT,26.8,T*13
\$GPRMC,084110,A,3452.4471,N,07439.0057,W,4.4,25.8,060414,11.9,W*76
\$GPVTG,25.8,T,37.7,M,4.4,N,8.1,K*4B
\$GPZDA,084110,06,04,2014,00,00*41
\$GPGBS,084110,,,,,,,,*4D
\$GPGGA,084111,3452.4482,N,07439.0049,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,26.6,T*1D
\$GPGLL,3452.4482,N,07439.0049,W,084111,A*3B
\$GPRMC,084111,A,3452.4482,N,07439.0049,W,4.5,25.9,060414,11.9,W*74
\$HEHDT,26.9,T*12
\$GPVTG,25.9,T,37.8,M,4.5,N,8.3,K*46
\$GPZDA,084111,06,04,2014,00,00*40
\$GPGBS,084111,,,,,,,,*4C
\$GPGGA,084112,3452.4496,N,07439.0041,W,2,6,0.3,11,M,,M,,*5B
\$HEHDT,26.8,T*13

PORT 4 04-06-2014 08:42:03
\$GPGLL,3452.4496,N,07439.0041,W,084112,A*35
\$GPRMC,084112,A,3452.4496,N,07439.0041,W,4.5,26.3,060414,11.9,W*73
\$HEHDT,26.8,T*13
\$GPVTG,26.3,T,38.2,M,4.5,N,8.3,K*4A
\$GPZDA,084112,06,04,2014,00,00*43
\$GPGBS,084112,,,,,,,,*4F
\$GPGGA,084113,3452.4507,N,07439.0033,W,2,6,0.3,11,M,,M,,*56
\$HEHDT,26.8,T*13

PORT 4 04-06-2014 08:42:04
\$GPGLL,3452.4507,N,07439.0033,W,084113,A*38
\$GPRMC,084113,A,3452.4507,N,07439.0033,W,4.5,27.0,060414,11.9,W*7C
\$GPVTG,27.0,T,38.9,M,4.5,N,8.3,K*43
\$GPZDA,084113,06,04,2014,00,00*42
\$HEHDT,27.1,T*1B
\$GPGBS,084113,,,,,,,,*4E
\$GPGGA,084114,3452.4517,N,07439.0026,W,2,7,0.4,11,M,,M,,*52
\$HEHDT,27.2,T*18
PORT 12000 04-06-2014 08:42:04
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:42:05
\$GPGLL,3452.4517,N,07439.0026,W,084114,A*3A
\$GPRMC,084114,A,3452.4517,N,07439.0026,W,4.5,27.5,060414,11.9,W*7B
\$GPVTG,27.5,T,39.4,M,4.5,N,8.3,K*4A
\$GPZDA,084114,06,04,2014,00,00*45
\$GPGBS,084114,,,,,,,,*49
\$HEHDT,27.5,T*1F
\$GPGGA,084115,3452.4528,N,07439.0021,W,2,7,0.4,11,M,,M,,*58

PORT 4 04-06-2014 08:42:06
\$GPGLL,3452.4528,N,07439.0021,W,084115,A*30
\$HEHDT,27.5,T*1F
\$GPRMC,084115,A,3452.4528,N,07439.0021,W,4.4,27.3,060414,11.9,W*76
\$GPVTG,27.3,T,39.2,M,4.4,N,8.1,K*49
\$GPZDA,084115,06,04,2014,00,00*44
\$GPGBS,084115,,,,,,,,*48
\$GPGGA,084116,3452.4539,N,07439.0014,W,2,6,0.3,12,M,,M,,*58
\$HEHDT,27.7,T*1D
#

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PORT 4 04-06-2014 08:42:07

\$GPGLL,3452.4539,N,07439.0014,W,084116,A*35
\$GPRMC,084116,A,3452.4539,N,07439.0014,W,4.4,26.8,060414,11.9,w*79
\$HEHDT,27.7,T*1D
\$GPVTG,26.8,T,38.7,M,4.4,N,8.1,K*47
\$GPZDA,084116,06,04,2014,00,00*47
\$GPGBS,084116,,,,,,,,*4B
\$GPGGA,084117,3452.4550,N,07439.0007,W,2,6,0.4,12,M,,M,,*53
\$HEHDT,27.7,T*1D

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PORT 4 04-06-2014 08:42:08

\$GPGLL,3452.4550,N,07439.0007,W,084117,A*39
\$GPRMC,084117,A,3452.4550,N,07439.0007,W,4.5,26.7,060414,11.9,w*7B
\$HEHDT,27.4,T*1E
\$GPVTG,26.7,T,38.6,M,4.5,N,8.3,K*4A
\$GPZDA,084117,06,04,2014,00,00*46
\$GPGBS,084117,,,,,,,,*4A
\$GPGGA,084118,3452.4561,N,07438.9999,W,2,6,0.4,12,M,,M,,*58
\$HEHDT,27.1,T*1B
\$GPGLL,3452.4561,N,07438.9999,W,084118,A*32
\$GPRMC,084118,A,3452.4561,N,07438.9999,W,4.5,27.2,060414,11.9,w*74
\$GPVTG,27.2,T,39.1,M,4.5,N,8.3,K*48
\$HEHDT,27.5,T*1F
\$GPZDA,084118,06,04,2014,00,00*49
\$GPGBS,084118,,,,,,,,*45
\$GPGGA,084119,3452.4572,N,07438.9990,W,2,6,0.4,12,M,,M,,*52

#

PORT 4 04-06-2014 08:42:09

\$HEHDT,27.2,T*18
\$GPGLL,3452.4572,N,07438.9990,W,084119,A*38
\$GPRMC,084119,A,3452.4572,N,07438.9990,W,4.5,27.9,060414,11.9,w*75
\$GPVTG,27.9,T,39.8,M,4.5,N,8.3,K*4A
\$GPZDA,084119,06,04,2014,00,00*48
\$GPGBS,084119,,,,,,,,*44
\$HEHDT,27.5,T*1F
\$GPGGA,084120,3452.4583,N,07438.9984,W,2,6,0.3,12,M,,M,,*54

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PORT 4 04-06-2014 08:42:10

\$HEHDT,27.4,T*1E
\$GPGLL,3452.4583,N,07438.9984,W,084120,A*39
\$GPRMC,084120,A,3452.4583,N,07438.9984,W,4.5,28.2,060414,11.9,w*70
\$GPVTG,28.2,T,40.1,M,4.5,N,8.3,K*49
\$GPZDA,084120,06,04,2014,00,00*42
\$GPGBS,084120,,,,,,,,*4E
\$GPGGA,084121,3452.4593,N,07438.9978,W,2,6,0.3,12,M,,M,,*57
\$HEHDT,27.5,T*1F

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PORT 4 04-06-2014 08:42:11

\$HEHDT,27.7,T*1D
\$GPGLL,3452.4593,N,07438.9978,W,084121,A*3A
\$GPRMC,084121,A,3452.4593,N,07438.9978,W,4.4,27.6,060414,11.9,w*79
\$GPVTG,27.6,T,39.5,M,4.4,N,8.1,K*4B
\$GPZDA,084121,06,04,2014,00,00*43
\$GPGBS,084121,,,,,,,,*4F
\$GPGGA,084122,3452.4604,N,07438.9972,W,2,9,0.3,12,M,,M,,*5C
\$HEHDT,27.7,T*1D

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PORT 4 04-06-2014 08:42:13

\$GPGLL,3452.4604,N,07438.9972,W,084122,A*3E
\$GPRMC,084122,A,3452.4604,N,07438.9972,W,4.5,26.9,060414,11.9,w*72
\$HEHDT,27.8,T*12
\$GPVTG,26.9,T,38.8,M,4.5,N,8.3,K*4A
\$GPZDA,084122,06,04,2014,00,00*40

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\$GPGBS,084122,,,,,,,,*4C
\$GPGGA,084123,3452.4618,N,07438.9963,W,2,9,0.3,12,M,,M,,*50
\$HEHDT,27.8,T*12

PORT 4 04-06-2014 08:42:14
\$GPGLL,3452.4618,N,07438.9963,W,084123,A*32
\$GPRMC,084123,A,3452.4618,N,07438.9963,W,4.5,26.9,060414,11.9,W*7E
\$HEHDT,27.7,T*1D
\$GPVTG,26.9,T,38.8,M,4.5,N,8.3,K*4A
\$GPZDA,084123,06,04,2014,00,00*41
\$GPGBS,084123,,,,,,,,*4D
\$GPGGA,084124,3452.4628,N,07438.9955,W,2,9,0.3,12,M,,M,,*51
PORT 12000 04-06-2014 08:42:14
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:42:15
\$HEHDT,28.1,T*14
\$GPGLL,3452.4628,N,07438.9955,W,084124,A*33
\$GPRMC,084124,A,3452.4628,N,07438.9955,W,4.6,27.8,060414,11.9,W*7C
\$GPVTG,27.8,T,39.7,M,4.6,N,8.5,K*41
\$HEHDT,27.7,T*1D
\$GPZDA,084124,06,04,2014,00,00*46
\$GPGBS,084124,,,,,,,,*4A
\$GPGGA,084125,3452.4637,N,07438.9948,W,2,9,0.2,12,M,,M,,*53

PORT 4 04-06-2014 08:42:16
\$HEHDT,27.7,T*1D
\$GPGLL,3452.4637,N,07438.9948,W,084125,A*30
\$GPRMC,084125,A,3452.4637,N,07438.9948,W,4.5,28.1,060414,11.9,W*7A
\$GPVTG,28.1,T,40.0,M,4.5,N,8.3,K*4B
\$GPZDA,084125,06,04,2014,00,00*47
\$GPGBS,084125,,,,,,,,*4B
\$HEHDT,27.8,T*12
\$GPGGA,084126,3452.4648,N,07438.9941,W,2,10,0.3,12,M,,M,,*68

PORT 4 04-06-2014 08:42:17
\$GPGLL,3452.4648,N,07438.9941,W,084126,A*32
\$HEHDT,27.6,T*1C
\$GPRMC,084126,A,3452.4648,N,07438.9941,W,4.4,28.4,060414,11.9,W*7C
\$GPVTG,28.4,T,40.3,M,4.4,N,8.1,K*4E
\$GPZDA,084126,06,04,2014,00,00*44
\$GPGBS,084126,,,,,,,,*48
\$GPGGA,084127,3452.4661,N,07438.9933,W,2,10,0.3,12,M,,M,,*67
\$HEHDT,27.9,T*13

PORT 4 04-06-2014 08:42:18
\$GPGLL,3452.4661,N,07438.9933,W,084127,A*3D
\$HEHDT,27.7,T*1D
\$GPRMC,084127,A,3452.4661,N,07438.9933,W,4.5,28.6,060414,11.9,W*70
\$GPVTG,28.6,T,40.5,M,4.5,N,8.3,K*49
\$GPZDA,084127,06,04,2014,00,00*45
\$GPGBS,084127,,,,,,,,*49
\$GPGGA,084128,3452.4673,N,07438.9925,W,2,9,0.2,12,M,,M,,*55
\$HEHDT,27.6,T*1C

PORT 4 04-06-2014 08:42:19
\$GPGLL,3452.4673,N,07438.9925,W,084128,A*36
\$GPRMC,084128,A,3452.4673,N,07438.9925,W,4.6,28.6,060414,11.9,W*78
\$HEHDT,28.2,T*17
\$GPVTG,28.6,T,40.5,M,4.6,N,8.5,K*4C
\$GPZDA,084128,06,04,2014,00,00*4A
\$GPGBS,084128,,,,,,,,*46
\$GPGGA,084129,3452.4684,N,07438.9918,W,2,9,0.2,12,M,,M,,*52

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\$HEHDT,28.1,T*14

PORT 4 04-06-2014 08:42:20
\$GPGLL,3452.4684,N,07438.9918,W,084129,A*31
\$GPRMC,084129,A,3452.4684,N,07438.9918,W,4.6,28.6,060414,11.9,W*7F
\$GPVTG,28.6,T,40.5,M,4.6,N,8.5,K*4C
\$HEHDT,28.3,T*16
\$GPZDA,084129,06,04,2014,00,00*4B
\$GPGBS,084129,,,,,,*47
\$GPGGA,084130,3452.4694,N,07438.9911,W,2,10,0.3,12,M,,M,,*6B

PORT 4 04-06-2014 08:42:21
\$HEHDT,27.8,T*12
\$GPGLL,3452.4694,N,07438.9911,W,084130,A*31
\$GPRMC,084130,A,3452.4694,N,07438.9911,W,4.5,28.1,060414,11.9,W*7B
\$GPVTG,28.1,T,40.0,M,4.5,N,8.3,K*4B
\$GPZDA,084130,06,04,2014,00,00*43
\$HEHDT,27.7,T*1D
\$GPGBS,084130,,,,,,*4F
\$GPGGA,084131,3452.4704,N,07438.9905,W,2,10,0.3,12,M,,M,,*67

PORT 4 04-06-2014 08:42:22
\$GPGLL,3452.4704,N,07438.9905,W,084131,A*3D
\$HEHDT,27.6,T*1C
\$GPRMC,084131,A,3452.4704,N,07438.9905,W,4.5,28.1,060414,11.9,W*77
\$GPVTG,28.1,T,40.0,M,4.5,N,8.3,K*4B
\$GPZDA,084131,06,04,2014,00,00*42
\$GPGBS,084131,,,,,,*4E
\$GPGGA,084132,3452.4716,N,07438.9898,W,2,9,0.3,12,M,,M,,*5A
\$HEHDT,27.6,T*1C

PORT 4 04-06-2014 08:42:23
\$GPGLL,3452.4716,N,07438.9898,W,084132,A*38
\$GPRMC,084132,A,3452.4716,N,07438.9898,W,4.4,27.7,060414,11.9,W*7A
\$HEHDT,27.8,T*12
\$GPVTG,27.7,T,39.6,M,4.4,N,8.1,K*49
\$GPZDA,084132,06,04,2014,00,00*41
\$GPGBS,084132,,,,,,*4D
\$GPGGA,084133,3452.4727,N,07438.9890,W,2,9,0.4,12,M,,M,,*56
\$HEHDT,28.0,T*15

PORT 4 04-06-2014 08:42:24
\$GPGLL,3452.4727,N,07438.9890,W,084133,A*33
\$GPRMC,084133,A,3452.4727,N,07438.9890,W,4.5,27.7,060414,11.9,W*70
\$HEHDT,28.0,T*15
\$GPVTG,27.7,T,39.6,M,4.5,N,8.3,K*4A
\$GPZDA,084133,06,04,2014,00,00*40
\$GPGBS,084133,,,,,,*4C
\$GPGGA,084134,3452.4738,N,07438.9883,W,2,6,0.4,12,M,,M,,*52
\$HEHDT,28.3,T*16
PORT 12000 04-06-2014 08:42:24
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:42:25
\$GPGLL,3452.4738,N,07438.9883,W,084134,A*38
\$GPRMC,084134,A,3452.4738,N,07438.9883,W,4.5,27.7,060414,11.9,W*7B
\$GPVTG,27.7,T,39.6,M,4.5,N,8.3,K*4A
\$HEHDT,28.1,T*14
\$GPZDA,084134,06,04,2014,00,00*47
\$GPGBS,084134,,,,,,*4B
\$GPGGA,084135,3452.4749,N,07438.9875,W,2,6,0.4,12,M,,M,,*5C
\$HEHDT,28.8,T*1D
#

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PORT 4 04-06-2014 08:42:26

\$GPGLL,3452.4749,N,07438.9875,W,084135,A*36
\$GPRMC,084135,A,3452.4749,N,07438.9875,W,4.5,27.5,060414,11.9,w*77
\$GPVTG,27.5,T,39.4,M,4.5,N,8.3,K*4A
\$GPZDA,084135,06,04,2014,00,00*46
\$HEHDT,28.7,T*12
\$GPGBS,084135,,,,,,,,*4A
\$GPGGA,084136,3452.4760,N,07438.9867,W,2,6,0.4,12,M,,M,,*57

#

PORT 4 04-06-2014 08:42:27

\$HEHDT,28.8,T*1D
\$GPGLL,3452.4760,N,07438.9867,W,084136,A*3D
\$GPRMC,084136,A,3452.4760,N,07438.9867,W,4.5,27.8,060414,11.9,w*71
\$GPVTG,27.8,T,39.7,M,4.5,N,8.3,K*44
\$GPZDA,084136,06,04,2014,00,00*45
\$GPGBS,084136,,,,,,,,*49
\$GPGGA,084137,3452.4771,N,07438.9859,W,2,6,0.4,12,M,,M,,*5B

\$HEHDT,28.8,T*1D

#

PORT 4 04-06-2014 08:42:28

\$HEHDT,28.9,T*1C
\$GPGLL,3452.4771,N,07438.9859,W,084137,A*31
\$GPRMC,084137,A,3452.4771,N,07438.9859,W,4.5,27.8,060414,11.9,w*7D
\$GPVTG,27.8,T,39.7,M,4.5,N,8.3,K*44
\$GPZDA,084137,06,04,2014,00,00*44
\$GPGBS,084137,,,,,,,,*48
\$GPGGA,084138,3452.4781,N,07438.9850,W,2,7,0.3,12,M,,M,,*54

\$HEHDT,28.3,T*16

#

PORT 4 04-06-2014 08:42:29

\$GPGLL,3452.4781,N,07438.9850,W,084138,A*38
\$GPRMC,084138,A,3452.4781,N,07438.9850,W,4.5,29.2,060414,11.9,w*70
\$HEHDT,28.3,T*16
\$GPVTG,29.2,T,41.1,M,4.5,N,8.3,K*49
\$GPZDA,084138,06,04,2014,00,00*4B
\$GPGBS,084138,,,,,,,,*47
\$GPGGA,084139,3452.4792,N,07438.9841,W,2,7,0.3,12,M,,M,,*57

\$HEHDT,28.1,T*14

#

PORT 4 04-06-2014 08:42:30

\$GPGLL,3452.4792,N,07438.9841,W,084139,A*3B
\$GPRMC,084139,A,3452.4792,N,07438.9841,W,4.5,29.2,060414,11.9,w*73
\$HEHDT,28.9,T*1C
\$GPVTG,29.2,T,41.1,M,4.5,N,8.3,K*49
\$GPZDA,084139,06,04,2014,00,00*4A
\$GPGBS,084139,,,,,,,,*46
\$GPGGA,084140,3452.4803,N,07438.9834,W,2,9,0.3,12,M,,M,,*52

\$HEHDT,28.8,T*1D

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PORT 4 04-06-2014 08:42:31

\$GPGLL,3452.4803,N,07438.9834,W,084140,A*30
\$GPRMC,084140,A,3452.4803,N,07438.9834,W,4.6,29.8,060414,11.9,w*71
\$GPVTG,29.8,T,41.7,M,4.6,N,8.5,K*40
\$GPZDA,084140,06,04,2014,00,00*44
\$HEHDT,28.9,T*1C
\$GPGBS,084140,,,,,,,,*48
\$GPGGA,084141,3452.4814,N,07438.9829,W,2,9,0.3,12,M,,M,,*59

\$HEHDT,28.9,T*1C

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PORT 4 04-06-2014 08:42:32

\$GPGLL,3452.4814,N,07438.9829,W,084141,A*3B
\$GPRMC,084141,A,3452.4814,N,07438.9829,W,4.6,29.5,060414,11.9,w*77
\$GPVTG,29.5,T,41.4,M,4.6,N,8.5,K*4E

S01_C04_survey.Log

\$GPZDA,084141,06,04,2014,00,00*45
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\$GPGLL,084142,3452.4825,N,07438.9824,w,2,9,0.3,12,M,,M,,*55
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\$GPGLL,3452.4825,N,07438.9824,w,084142,A*37
\$GPRMC,084142,A,3452.4825,N,07438.9824,w,4.5,28.6,060414,11.9,w*7A
\$GPVTG,28.6,T,40.5,M,4.5,N,8.3,K*49
\$GPZDA,084142,06,04,2014,00,00*46
\$GPGBS,084142,,,,,*4A
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PORT 4 04-06-2014 08:42:34
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\$GPRMC,084143,A,3452.4836,N,07438.9818,w,4.4,27.6,060414,11.9,w*78
\$GPVTG,27.6,T,39.5,M,4.4,N,8.1,K*4B
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\$GPGBS,084143,,,,,*4B
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PORT 12000 04-06-2014 08:42:34
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PORT 4 04-06-2014 08:42:35
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\$HEHDT,29.4,T*10
\$GPVTG,26.7,T,38.6,M,4.5,N,8.3,K*4A
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PORT 4 04-06-2014 08:42:36
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\$GPRMC,084145,A,3452.4861,N,07438.9803,w,4.5,26.7,060414,11.9,w*77
\$GPVTG,26.7,T,38.6,M,4.5,N,8.3,K*4A
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\$GPGBS,084145,,,,,*4D
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PORT 4 04-06-2014 08:42:37
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\$GPRMC,084146,A,3452.4871,N,07438.9795,w,4.5,27.1,060414,11.9,w*72
\$GPVTG,27.1,T,39.0,M,4.5,N,8.3,K*4A
\$GPZDA,084146,06,04,2014,00,00*42
\$GPGBS,084146,,,,,*4E
\$HEHDT,29.3,T*17
\$GPGLL,084147,3452.4882,N,07438.9786,w,2,10,0.2,12,M,,M,,*63

PORT 4 04-06-2014 08:42:38
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\$GPGLL,3452.4882,N,07438.9786,w,084147,A*38
\$GPRMC,084147,A,3452.4882,N,07438.9786,w,4.5,27.9,060414,11.9,w*75
\$GPVTG,27.9,T,39.8,M,4.5,N,8.3,K*4A
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$GPZDA,084148,06,04,2014,00,00*4C
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PORT 5 04-06-2014 08:42:41
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PORT 4 04-06-2014 08:42:41
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$GPRMC,084149,A,3452.4904,N,07438.9766,W,4.6,30.7,060414,11.9,W*71
$HEHDT,29.0,T*14
$GPVTG,30.7,T,42.6,M,4.6,N,8.5,K*45
$GPZDA,084149,06,04,2014,00,00*4D
$GPGGBS,084149,,,,,,,,*41
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$HEHDT,28.4,T*11
$GPGLL,3452.4914,N,07438.9760,W,084150,A*38
$GPRMC,084150,A,3452.4914,N,07438.9760,W,4.6,31.4,060414,11.9,W*7C
$GPVTG,31.4,T,43.3,M,4.6,N,8.5,K*43
$HEHDT,28.5,T*10
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$GPGGBS,084150,,,,,,,,*49
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PORT 4 04-06-2014 08:42:42
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$GPGLL,3452.4924,N,07438.9756,W,084151,A*3F
$GPRMC,084151,A,3452.4924,N,07438.9756,W,4.5,31.0,060414,11.9,W*7C
$GPVTG,31.0,T,42.9,M,4.5,N,8.3,K*49
$GPZDA,084151,06,04,2014,00,00*44
$HEHDT,28.9,T*1C
$GPGGBS,084151,,,,,,,,*48
$GPGGA,084152,3452.4936,N,07438.9750,W,2,10,0.2,12,M,,M,,*62
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PORT 4 04-06-2014 08:42:43
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$GPGLL,3452.4936,N,07438.9750,W,084152,A*39
$GPRMC,084152,A,3452.4936,N,07438.9750,W,4.4,30.1,060414,11.9,W*7B
$GPVTG,30.1,T,42.0,M,4.4,N,8.1,K*43
$GPZDA,084152,06,04,2014,00,00*47
$GPGGBS,084152,,,,,,,,*4B
$GPGGA,084153,3452.4948,N,07438.9744,W,2,10,0.2,12,M,,M,,*6F
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PORT 5 04-06-2014 08:42:44
04117 ms
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PORT 4 04-06-2014 08:42:44
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$HEHDT,29.4,T*10
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$GPVTG,28.6,T,40.5,M,4.4,N,8.1,K*4A
$GPZDA,084153,06,04,2014,00,00*46
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PORT 12000 04-06-2014 08:42:44
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PORT 4 04-06-2014 08:42:45

\$GPGLL,3452.4959,N,07438.9737,W,084154,A*37

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\$HEHDT,28.9,T*1C

\$GPVTG,27.5,T,39.4,M,4.4,N,8.1,K*49

\$GPZDA,084154,06,04,2014,00,00*41

\$GPGBS,084154,,,,,,,,*4D

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\$HEHDT,28.9,T*1C

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PORT 4 04-06-2014 08:42:46

\$GPGLL,3452.4968,N,07438.9731,W,084155,A*32

\$GPRMC,084155,A,3452.4968,N,07438.9731,W,4.4,27.3,060414,11.9,W*74

\$GPVTG,27.3,T,39.2,M,4.4,N,8.1,K*49

\$HEHDT,28.8,T*1D

\$GPZDA,084155,06,04,2014,00,00*40

\$GPGBS,084155,,,,,,,,*4C

\$GPGBS,084156,3452.4977,N,07438.9723,W,2,10,0.2,12,M,,M,,*67

\$HEHDT,28.7,T*12

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PORT 4 04-06-2014 08:42:47

\$GPGLL,3452.4977,N,07438.9723,W,084156,A*3C

\$GPRMC,084156,A,3452.4977,N,07438.9723,W,4.3,27.8,060414,11.9,W*76

\$GPVTG,27.8,T,39.7,M,4.3,N,8.0,K*41

\$GPZDA,084156,06,04,2014,00,00*43

\$HEHDT,28.3,T*16

\$GPGBS,084156,,,,,,,,*4F

\$GPGBS,084157,3452.4990,N,07438.9714,W,2,10,0.3,12,M,,M,,*6A

\$HEHDT,28.0,T*15

\$GPGLL,3452.4990,N,07438.9714,W,084157,A*30

\$GPRMC,084157,A,3452.4990,N,07438.9714,W,4.3,28.6,060414,11.9,W*7B

\$GPVTG,28.6,T,40.5,M,4.3,N,8.0,K*4C

\$GPZDA,084157,06,04,2014,00,00*42

\$GPGBS,084157,,,,,,,,*4E

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PORT 4 04-06-2014 08:42:48

\$GPGLL,3452.5001,N,07438.9706,W,084158,A*3C

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\$GPVTG,29.2,T,41.1,M,4.4,N,8.1,K*4A

\$GPZDA,084158,06,04,2014,00,00*4D

\$GPGBS,084158,,,,,,,,*41

\$GPGBS,084159,3452.5011,N,07438.9700,W,2,9,0.2,12,M,,M,,*59

\$HEHDT,28.3,T*16

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PORT 4 04-06-2014 08:42:49

\$GPGLL,3452.5011,N,07438.9700,W,084159,A*3A

\$GPRMC,084159,A,3452.5011,N,07438.9700,W,4.4,29.3,060414,11.9,W*72

\$HEHDT,28.3,T*16

\$GPVTG,29.3,T,41.2,M,4.4,N,8.1,K*48

\$GPZDA,084159,06,04,2014,00,00*4C

\$GPGBS,084159,,,,,,,,*40

\$GPGBS,084200,3452.5020,N,07438.9693,W,2,9,0.3,12,M,,M,,*5E

\$HEHDT,28.8,T*1D

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PORT 4 04-06-2014 08:42:50

\$GPGLL,3452.5020,N,07438.9693,W,084200,A*3C

\$GPRMC,084200,A,3452.5020,N,07438.9693,W,4.3,29.2,060414,11.9,W*72

\$HEHDT,28.5,T*10

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\$GPVTG,29.2,T,41.1,M,4.3,N,8.0,K*4C
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\$GPGBS,084200,,,,,,*4F
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PORT 4 04-06-2014 08:42:51
\$HEHDT,29.0,T*14
\$GPGLL,3452.5030,N,07438.9685,W,084201,A*3B
\$GPRMC,084201,A,3452.5030,N,07438.9685,W,4.3,29.6,060414,11.9,W*71
\$HEHDT,28.4,T*11
\$GPVTG,29.6,T,41.5,M,4.3,N,8.0,K*4C
\$GPZDA,084201,06,04,2014,00,00*42
\$GPGBS,084201,,,,,,*4E
\$GPGGA,084202,3452.5041,N,07438.9679,W,2,10,0.2,12,M,,M,,*66

PORT 4 04-06-2014 08:42:53
\$HEHDT,28.1,T*14
\$GPGLL,3452.5041,N,07438.9679,W,084202,A*3D
\$GPRMC,084202,A,3452.5041,N,07438.9679,W,4.3,29.9,060414,11.9,W*78
\$GPVTG,29.9,T,41.8,M,4.3,N,8.0,K*4E
\$GPZDA,084202,06,04,2014,00,00*41
\$GPGBS,084202,,,,,,*4D
\$GPGGA,084203,3452.5049,N,07438.9673,W,2,10,0.3,12,M,,M,,*64
\$HEHDT,28.0,T*15

PORT 4 04-06-2014 08:42:54
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\$GPGLL,3452.5049,N,07438.9673,W,084203,A*3E
\$GPRMC,084203,A,3452.5049,N,07438.9673,W,4.2,29.7,060414,11.9,W*74
\$GPVTG,29.7,T,41.6,M,4.2,N,7.8,K*48
\$GPZDA,084203,06,04,2014,00,00*40
\$GPGBS,084203,,,,,,*4C
\$GPGGA,084204,3452.5060,N,07438.9668,W,2,10,0.2,12,M,,M,,*63
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PORT 12000 04-06-2014 08:42:54
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PORT 4 04-06-2014 08:42:55
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\$GPGLL,3452.5060,N,07438.9668,W,084204,A*38
\$GPRMC,084204,A,3452.5060,N,07438.9668,W,4.2,29.1,060414,11.9,W*74
\$GPVTG,29.1,T,41.0,M,4.2,N,7.8,K*48
\$GPZDA,084204,06,04,2014,00,00*47
\$GPGBS,084204,,,,,,*4B
\$GPGGA,084205,3452.5073,N,07438.9662,W,2,10,0.2,12,M,,M,,*6A
\$HEHDT,27.5,T*1F

PORT 4 04-06-2014 08:42:56
\$GPGLL,3452.5073,N,07438.9662,W,084205,A*31
\$HEHDT,27.5,T*1F
\$GPRMC,084205,A,3452.5073,N,07438.9662,W,4.2,28.3,060414,11.9,W*7E
\$GPVTG,28.3,T,40.2,M,4.2,N,7.8,K*48
\$GPZDA,084205,06,04,2014,00,00*46
\$GPGBS,084205,,,,,,*4A
\$GPGGA,084206,3452.5083,N,07438.9656,W,2,10,0.2,12,M,,M,,*61
\$HEHDT,27.3,T*19

PORT 4 04-06-2014 08:42:57
\$GPGLL,3452.5083,N,07438.9656,W,084206,A*3A
\$GPRMC,084206,A,3452.5083,N,07438.9656,W,4.2,27.3,060414,11.9,W*7A
\$HEHDT,27.5,T*1F
\$GPVTG,27.3,T,39.2,M,4.2,N,7.8,K*49
\$GPZDA,084206,06,04,2014,00,00*45

S01_C04_survey.Log

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PORT 4 04-06-2014 08:42:58
$HEHDT,27.5,T*1F
$GPGLL,3452.5092,N,07438.9648,W,084207,A*34
$GPRMC,084207,A,3452.5092,N,07438.9648,W,4.2,27.0,060414,11.9,w*77
$GPVTG,27.0,T,38.9,M,4.2,N,7.8,K*40
$HEHDT,27.7,T*1D
$GPZDA,084207,06,04,2014,00,00*44
$GPGBS,084207,,,,,,,,*48
$GPGGA,084208,3452.5103,N,07438.9640,W,2,10,0.2,12,M,,M,,*61
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PORT 4 04-06-2014 08:42:59
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$GPGLL,3452.5103,N,07438.9640,W,084208,A*3A
$GPRMC,084208,A,3452.5103,N,07438.9640,W,4.2,27.9,060414,11.9,w*70
$GPVTG,27.9,T,39.8,M,4.2,N,7.8,K*49
$GPZDA,084208,06,04,2014,00,00*4B
$GPGBS,084208,,,,,,,,*47
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$GPGGA,084209,3452.5114,N,07438.9633,W,2,10,0.2,12,M,,M,,*62
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PORT 4 04-06-2014 08:43:00
$GPGLL,3452.5114,N,07438.9633,W,084209,A*39
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$GPRMC,084209,A,3452.5114,N,07438.9633,W,4.3,28.5,060414,11.9,w*71
$GPVTG,28.5,T,40.4,M,4.3,N,8.0,K*4E
$GPZDA,084209,06,04,2014,00,00*4A
$GPGBS,084209,,,,,,,,*46
$GPGGA,084210,3452.5125,N,07438.9627,W,2,10,0.2,12,M,,M,,*6D
$HEHDT,27.9,T*13
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PORT 4 04-06-2014 08:43:01
$GPGLL,3452.5125,N,07438.9627,W,084210,A*36
$HEHDT,28.0,T*15
$GPRMC,084210,A,3452.5125,N,07438.9627,W,4.3,28.2,060414,11.9,w*79
$GPVTG,28.2,T,40.1,M,4.3,N,8.0,K*4C
$GPZDA,084210,06,04,2014,00,00*42
$GPGBS,084210,,,,,,,,*4E
$GPGGA,084211,3452.5136,N,07438.9621,W,2,10,0.2,12,M,,M,,*68
$HEHDT,27.8,T*12
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PORT 4 04-06-2014 08:43:02
$GPGLL,3452.5136,N,07438.9621,W,084211,A*33
$GPRMC,084211,A,3452.5136,N,07438.9621,W,4.3,27.9,060414,11.9,w*78
$HEHDT,28.0,T*15
$GPVTG,27.9,T,39.8,M,4.3,N,8.0,K*4F
$GPZDA,084211,06,04,2014,00,00*43
$GPGBS,084211,,,,,,,,*4F
$GPGGA,084212,3452.5148,N,07438.9613,W,2,10,0.2,12,M,,M,,*63
$HEHDT,27.7,T*1D
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PORT 4 04-06-2014 08:43:03
$GPGLL,3452.5148,N,07438.9613,W,084212,A*38
$GPRMC,084212,A,3452.5148,N,07438.9613,W,4.3,27.8,060414,11.9,w*72
$GPVTG,27.8,T,39.7,M,4.3,N,8.0,K*41
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PORT 4 04-06-2014 08:43:04

\$GPGLL,3452.5159,N,07438.9606,W,084213,A*3D
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\$GPVTG,27.7,T,39.6,M,4.4,N,8.1,K*49
\$GPZDA,084213,06,04,2014,00,00*41
\$HEHDT,27.4,T*1E
\$GPGBS,084213,,,,,,,,*4D
\$GPGGA,084214,3452.5168,N,07438.9600,W,2,10,0.2,12,M,,M,,*65
\$HEHDT,27.2,T*18

PORT 12000 04-06-2014 08:43:04

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PORT 4 04-06-2014 08:43:06

\$GPGLL,3452.5168,N,07438.9600,W,084214,A*3E
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\$GPVTG,27.8,T,39.7,M,4.4,N,8.1,K*47
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\$GPGBS,084214,,,,,,,,*4A
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\$GPGLL,3452.5178,N,07438.9593,W,084215,A*37
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\$GPRMC,084215,A,3452.5178,N,07438.9593,W,4.3,27.9,060414,11.9,W*7C
\$GPVTG,27.9,T,39.8,M,4.3,N,8.0,K*4F
\$GPZDA,084215,06,04,2014,00,00*47
\$GPGBS,084215,,,,,,,,*4B
\$GPGGA,084216,3452.5188,N,07438.9587,W,2,10,0.2,12,M,,M,,*65
\$HEHDT,27.5,T*1F

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PORT 4 04-06-2014 08:43:07

\$GPGLL,3452.5188,N,07438.9587,W,084216,A*3E
\$GPRMC,084216,A,3452.5188,N,07438.9587,W,4.2,28.4,060414,11.9,W*76
\$HEHDT,27.7,T*1D
\$GPVTG,28.4,T,40.3,M,4.2,N,7.8,K*4E
\$GPZDA,084216,06,04,2014,00,00*44
\$GPGBS,084216,,,,,,,,*48
\$GPGGA,084217,3452.5200,N,07438.9581,W,2,10,0.2,12,M,,M,,*61
\$HEHDT,27.4,T*1E

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PORT 4 04-06-2014 08:43:08

\$GPGLL,3452.5200,N,07438.9581,W,084217,A*3A
\$GPRMC,084217,A,3452.5200,N,07438.9581,W,4.2,28.2,060414,11.9,W*74
\$GPVTG,28.2,T,40.1,M,4.2,N,7.8,K*4A
\$HEHDT,27.8,T*12
\$GPZDA,084217,06,04,2014,00,00*45
\$GPGBS,084217,,,,,,,,*49
\$GPGGA,084218,3452.5211,N,07438.9575,W,2,10,0.2,12,M,,M,,*65
\$HEHDT,27.7,T*1D

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PORT 4 04-06-2014 08:43:09

\$GPGLL,3452.5211,N,07438.9575,W,084218,A*3E
\$GPRMC,084218,A,3452.5211,N,07438.9575,W,4.3,27.4,060414,11.9,W*78
\$GPVTG,27.4,T,39.3,M,4.3,N,8.0,K*49
\$GPZDA,084218,06,04,2014,00,00*4A
\$HEHDT,27.8,T*12
\$GPGBS,084218,,,,,,,,*46
\$GPGGA,084219,3452.5224,N,07438.9568,W,2,10,0.2,12,M,,M,,*6E

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PORT 4 04-06-2014 08:43:10

\$HEHDT,28.1,T*14
\$GPGLL,3452.5224,N,07438.9568,W,084219,A*35
\$GPRMC,084219,A,3452.5224,N,07438.9568,W,4.3,26.8,060414,11.9,W*7E
\$GPVTG,26.8,T,38.7,M,4.3,N,8.0,K*41

S01_C04_survey.Log

\$GPZDA,084219,06,04,2014,00,00*4B
\$GPGBS,084219,,,,,*47
\$HEHDT,28.5,T*10
\$GPGGA,084220,3452.5235,N,07438.9562,W,2,10,0.2,12,M,,M,,*6E

PORT 4 04-06-2014 08:43:11
\$GPGLL,3452.5235,N,07438.9562,W,084220,A*35
\$HEHDT,28.2,T*17
\$GPRMC,084220,A,3452.5235,N,07438.9562,W,4.4,26.2,060414,11.9,W*73
\$GPVTG,26.2,T,38.1,M,4.4,N,8.1,K*4B
\$GPZDA,084220,06,04,2014,00,00*41
\$GPGBS,084220,,,,,*4D
\$GPGGA,084221,3452.5246,N,07438.9553,W,2,10,0.2,12,M,,M,,*69
\$HEHDT,28.4,T*11

PORT 4 04-06-2014 08:43:12
\$GPGLL,3452.5246,N,07438.9553,W,084221,A*32
\$GPRMC,084221,A,3452.5246,N,07438.9553,W,4.4,26.1,060414,11.9,W*77
\$HEHDT,28.2,T*17
\$GPVTG,26.1,T,38.0,M,4.4,N,8.1,K*49
\$GPZDA,084221,06,04,2014,00,00*40
\$GPGBS,084221,,,,,*4C
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\$HEHDT,28.0,T*15

PORT 4 04-06-2014 08:43:13
\$GPGLL,3452.5257,N,07438.9543,W,084222,A*30
\$GPRMC,084222,A,3452.5257,N,07438.9543,W,4.4,27.2,060414,11.9,W*77
\$HEHDT,27.5,T*1F
\$GPVTG,27.2,T,39.1,M,4.4,N,8.1,K*4B
\$GPZDA,084222,06,04,2014,00,00*43
\$GPGBS,084222,,,,,*4F
\$GPGGA,084223,3452.5268,N,07438.9536,W,2,10,0.3,12,M,,M,,*65
\$HEHDT,27.4,T*1E

PORT 4 04-06-2014 08:43:14
\$GPGLL,3452.5268,N,07438.9536,W,084223,A*3F
\$GPRMC,084223,A,3452.5268,N,07438.9536,W,4.5,28.8,060414,11.9,W*7C
\$GPVTG,28.8,T,40.7,M,4.5,N,8.3,K*45
\$HEHDT,27.6,T*1C
\$GPZDA,084223,06,04,2014,00,00*42
\$GPGBS,084223,,,,,*4E
\$GPGGA,084224,3452.5279,N,07438.9530,W,2,10,0.2,12,M,,M,,*65
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PORT 12000 04-06-2014 08:43:14
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PORT 4 04-06-2014 08:43:15
\$GPGLL,3452.5279,N,07438.9530,W,084224,A*3E
\$GPRMC,084224,A,3452.5279,N,07438.9530,W,4.4,29.5,060414,11.9,W*70
\$GPVTG,29.5,T,41.4,M,4.4,N,8.1,K*48
\$GPZDA,084224,06,04,2014,00,00*45
\$GPGBS,084224,,,,,*49
\$GPGGA,084225,3452.5291,N,07438.9525,W,2,10,0.2,12,M,,M,,*66
\$HEHDT,27.9,T*13
\$HEHDT,28.3,T*16
\$GPGLL,3452.5291,N,07438.9525,W,084225,A*3D
\$GPRMC,084225,A,3452.5291,N,07438.9525,W,4.4,29.3,060414,11.9,W*75
\$GPVTG,29.3,T,41.2,M,4.4,N,8.1,K*48
\$GPZDA,084225,06,04,2014,00,00*44
\$GPGBS,084225,,,,,*48
\$GPGGA,084226,3452.5305,N,07438.9520,W,2,9,0.3,11,M,,M,,*56
\$HEHDT,28.4,T*11

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PORT 4 04-06-2014 08:43:16
$GPGLL,3452.5305,N,07438.9520,W,084226,A*37
$GPRMC,084226,A,3452.5305,N,07438.9520,W,4.4,28.2,060414,11.9,W*7F
$HEHDT,29.0,T*14
$GPVTG,28.2,T,40.1,M,4.4,N,8.1,K*4A
$GPZDA,084226,06,04,2014,00,00*47
$GPGGBS,084226,,,,,,,,*4B
$GPGGA,084227,3452.5315,N,07438.9514,W,2,9,0.3,11,M,,M,,*51
$HEHDT,28.8,T*1D
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PORT 4 04-06-2014 08:43:18
$GPGLL,3452.5315,N,07438.9514,W,084227,A*30
$GPRMC,084227,A,3452.5315,N,07438.9514,W,4.4,27.0,060414,11.9,W*75
$HEHDT,28.8,T*1D
$GPVTG,27.0,T,38.9,M,4.4,N,8.1,K*40
$GPZDA,084227,06,04,2014,00,00*46
$GPGGBS,084227,,,,,,,,*4A
$GPGGA,084228,3452.5324,N,07438.9509,W,2,6,0.4,11,M,,M,,*58
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PORT 4 04-06-2014 08:43:19
$HEHDT,28.5,T*10
$GPGLL,3452.5324,N,07438.9509,W,084228,A*31
$GPRMC,084228,A,3452.5324,N,07438.9509,W,4.3,26.8,060414,11.9,W*7A
$GPVTG,26.8,T,38.7,M,4.3,N,8.0,K*41
$GPZDA,084228,06,04,2014,00,00*49
$HEHDT,28.7,T*12
$GPGGBS,084228,,,,,,,,*45
$GPGGA,084229,3452.5337,N,07438.9502,W,2,6,0.4,11,M,,M,,*50
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PORT 4 04-06-2014 08:43:20
$HEHDT,28.4,T*11
$GPGLL,3452.5337,N,07438.9502,W,084229,A*39
$GPRMC,084229,A,3452.5337,N,07438.9502,W,4.2,27.2,060414,11.9,W*78
$GPVTG,27.2,T,39.1,M,4.2,N,7.8,K*4B
$GPZDA,084229,06,04,2014,00,00*48
$GPGGBS,084229,,,,,,,,*44
$HEHDT,28.4,T*11
$GPGGA,084230,3452.5352,N,07438.9493,W,2,4,0.5,11,M,,M,,*51
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PORT 4 04-06-2014 08:43:21
$HEHDT,28.5,T*10
$GPGLL,3452.5352,N,07438.9493,W,084230,A*3B
$GPRMC,084230,A,3452.5352,N,07438.9493,W,4.3,28.3,060414,11.9,W*75
$GPVTG,28.3,T,40.2,M,4.3,N,8.0,K*4E
$GPZDA,084230,06,04,2014,00,00*40
$GPGGBS,084230,,,,,,,,*4C
$GPGGA,084231,3452.5363,N,07438.9487,W,2,4,0.5,11,M,,M,,*57
$HEHDT,28.5,T*10
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PORT 4 04-06-2014 08:43:22
$GPGLL,3452.5363,N,07438.9487,W,084231,A*3D
$HEHDT,28.9,T*1C
$GPRMC,084231,A,3452.5363,N,07438.9487,W,4.5,29.1,060414,11.9,W*76
$GPVTG,29.1,T,41.0,M,4.5,N,8.3,K*4B
$GPZDA,084231,06,04,2014,00,00*41
$GPGGBS,084231,,,,,,,,*4D
$GPGGA,084232,3452.5372,N,07438.9482,W,2,6,0.4,11,M,,M,,*52
$HEHDT,29.0,T*14
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PORT 4 04-06-2014 08:43:23
$GPGLL,3452.5372,N,07438.9482,W,084232,A*3B
$GPRMC,084232,A,3452.5372,N,07438.9482,W,4.5,28.9,060414,11.9,W*79
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\$HEHDT,29.0,T*14
\$GPVTG,28.9,T,40.8,M,4.5,N,8.3,K*4B
\$GPZDA,084232,06,04,2014,00,00*42
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\$GPGGA,084233,3452.5381,N,07438.9478,W,2,6,0.4,11,M,,M,,*5A
\$HEHDT,28.9,T*1C

PORT 4 04-06-2014 08:43:24
\$GPGLL,3452.5381,N,07438.9478,W,084233,A*33
\$GPRMC,084233,A,3452.5381,N,07438.9478,W,4.3,29.0,060414,11.9,W*7F
\$GPVTG,29.0,T,40.9,M,4.3,N,8.0,K*47
\$HEHDT,29.0,T*14
\$GPZDA,084233,06,04,2014,00,00*43
\$GPGBS,084233,,,,,,,,*4F
\$GPGGA,084234,3452.5392,N,07438.9468,W,2,6,0.4,11,M,,M,,*5E
PORT 12000 04-06-2014 08:43:24
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PORT 4 04-06-2014 08:43:25
\$HEHDT,28.9,T*1C
\$GPGLL,3452.5392,N,07438.9468,W,084234,A*37
\$GPRMC,084234,A,3452.5392,N,07438.9468,W,4.1,29.2,060414,11.9,W*7B
\$GPVTG,29.2,T,41.1,M,4.1,N,7.6,K*47
\$GPZDA,084234,06,04,2014,00,00*44
\$GPGBS,084234,,,,,,,,*48
\$HEHDT,29.1,T*15
\$GPGGA,084235,3452.5403,N,07438.9459,W,2,6,0.3,11,M,,M,,*55

PORT 4 04-06-2014 08:43:26
\$HEHDT,29.0,T*14
\$GPGLL,3452.5403,N,07438.9459,W,084235,A*3B
\$GPRMC,084235,A,3452.5403,N,07438.9459,W,4.3,29.7,060414,11.9,W*70
\$GPVTG,29.7,T,41.6,M,4.3,N,8.0,K*4E
\$GPZDA,084235,06,04,2014,00,00*45
\$GPGBS,084235,,,,,,,,*49
\$GPGGA,084236,3452.5413,N,07438.9454,W,2,9,0.3,11,M,,M,,*55
\$HEHDT,29.3,T*17

PORT 4 04-06-2014 08:43:27
\$GPGLL,3452.5413,N,07438.9454,W,084236,A*34
\$HEHDT,29.0,T*14
\$GPRMC,084236,A,3452.5413,N,07438.9454,W,4.4,30.0,060414,11.9,W*77
\$GPVTG,30.0,T,41.9,M,4.4,N,8.1,K*48
\$GPZDA,084236,06,04,2014,00,00*46
\$GPGBS,084236,,,,,,,,*4A
\$GPGGA,084237,3452.5420,N,07438.9450,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,29.1,T*15

PORT 4 04-06-2014 08:43:28
\$GPGLL,3452.5420,N,07438.9450,W,084237,A*31
\$GPRMC,084237,A,3452.5420,N,07438.9450,W,4.2,29.8,060414,11.9,W*74
\$HEHDT,29.1,T*15
\$GPVTG,29.8,T,41.7,M,4.2,N,7.8,K*46
\$GPZDA,084237,06,04,2014,00,00*47
\$GPGBS,084237,,,,,,,,*4B
\$GPGGA,084238,3452.5430,N,07438.9445,W,2,10,0.2,11,M,,M,,*63
\$HEHDT,29.0,T*14

PORT 4 04-06-2014 08:43:29
\$GPGLL,3452.5430,N,07438.9445,W,084238,A*3B
\$GPRMC,084238,A,3452.5430,N,07438.9445,W,4.0,29.2,060414,11.9,W*76
\$GPVTG,29.2,T,41.1,M,4.0,N,7.4,K*44
\$HEHDT,28.9,T*1C

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\$GPZDA,084238,06,04,2014,00,00*48
\$GPGBS,084238,,,,,,,,*44
\$GPGGA,084239,3452.5441,N,07438.9438,W,2,10,0.2,11,M,,M,,*6E
\$HEHDT,28.7,T*12

PORT 4 04-06-2014 08:43:30
\$GPGLL,3452.5441,N,07438.9438,W,084239,A*36
\$GPRMC,084239,A,3452.5441,N,07438.9438,W,3.9,27.9,060414,11.9,W*70
\$GPVTG,27.9,T,39.8,M,3.9,N,7.2,K*4F
\$GPZDA,084239,06,04,2014,00,00*49
\$HEHDT,28.9,T*1C
\$GPGBS,084239,,,,,,,,*45
\$GPGGA,084240,3452.5452,N,07438.9429,W,2,9,0.3,11,M,,M,,*5B
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\$GPGLL,3452.5452,N,07438.9429,W,084240,A*3A
\$GPRMC,084240,A,3452.5452,N,07438.9429,W,4.0,27.5,060414,11.9,W*7E
\$GPVTG,27.5,T,39.4,M,4.0,N,7.4,K*47
\$GPZDA,084240,06,04,2014,00,00*47
\$GPGBS,084240,,,,,,,,*4B
\$GPGGA,084241,3452.5459,N,07438.9421,W,2,9,0.2,11,M,,M,,*58
\$HEHDT,28.5,T*10

PORT 4 04-06-2014 08:43:31
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\$GPGLL,3452.5459,N,07438.9421,W,084241,A*38
\$GPRMC,084241,A,3452.5459,N,07438.9421,W,4.2,28.6,060414,11.9,W*72
\$GPVTG,28.6,T,40.5,M,4.2,N,7.8,K*4A
\$GPZDA,084241,06,04,2014,00,00*46
\$GPGBS,084241,,,,,,,,*4A
\$GPGGA,084242,3452.5466,N,07438.9414,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,28.3,T*16

PORT 4 04-06-2014 08:43:33
\$GPGLL,3452.5466,N,07438.9414,W,084242,A*31
\$GPRMC,084242,A,3452.5466,N,07438.9414,W,4.0,29.8,060414,11.9,W*76
\$HEHDT,28.7,T*12
\$GPVTG,29.8,T,41.7,M,4.0,N,7.4,K*48
\$GPZDA,084242,06,04,2014,00,00*45
\$GPGBS,084242,,,,,,,,*49
\$GPGGA,084243,3452.5475,N,07438.9407,W,2,9,0.2,11,M,,M,,*50
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PORT 4 04-06-2014 08:43:34
\$GPGLL,3452.5475,N,07438.9407,W,084243,A*30
\$GPRMC,084243,A,3452.5475,N,07438.9407,W,3.9,30.8,060414,11.9,W*71
\$HEHDT,29.0,T*14
\$GPVTG,30.8,T,42.7,M,3.9,N,7.2,K*4B
\$GPZDA,084243,06,04,2014,00,00*44
\$GPGBS,084243,,,,,,,,*48
\$GPGGA,084244,3452.5486,N,07438.9400,W,2,10,0.2,11,M,,M,,*64
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PORT 12000 04-06-2014 08:43:34
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PORT 5 04-06-2014 08:43:35
IN
PORT 4 04-06-2014 08:43:35
\$GPGLL,3452.5475,N,07438.9407,W,084243,A*30
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\$HEHDT,29.0,T*14
\$GPVTG,30.8,T,42.7,M,3.9,N,7.2,K*4B
\$GPZDA,084243,06,04,2014,00,00*44
\$GPGBS,084243,,,,,,,,*48

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\$GPGLL,3452.5486,N,07438.9400,W,084244,A*3C
\$GPRMC,084244,A,3452.5486,N,07438.9400,W,3.9,31.4,060414,11.9,W*70
\$GPVTG,31.4,T,43.3,M,3.9,N,7.2,K*43
\$GPZDA,084244,06,04,2014,00,00*43
\$HEHDT,29.0,T*14
\$GPGBS,084244,,,,,,,,*4F
\$GPGGA,084245,3452.5497,N,07438.9395,W,2,10,0.2,11,M,,M,,*6E
\$HEHDT,28.8,T*1D
\$GPGLL,3452.5497,N,07438.9395,W,084245,A*36
\$GPRMC,084245,A,3452.5497,N,07438.9395,W,4.0,30.6,060414,11.9,W*77
\$GPVTG,30.6,T,42.5,M,4.0,N,7.4,K*4F
\$GPZDA,084245,06,04,2014,00,00*42
\$GPGBS,084245,,,,,,,,*4E
\$GPGGA,084246,3452.5508,N,07438.9388,W,2,10,0.2,11,M,,M,,*66
\$HEHDT,28.8,T*1D

PORT 4 04-06-2014 08:43:37
\$HEHDT,28.4,T*11
\$GPGLL,3452.5508,N,07438.9388,W,084246,A*3E
\$GPRMC,084246,A,3452.5508,N,07438.9388,W,4.0,29.5,060414,11.9,W*74
\$GPVTG,29.5,T,41.4,M,4.0,N,7.4,K*46
\$GPZDA,084246,06,04,2014,00,00*41
\$GPGBS,084246,,,,,,,,*4D
\$GPGGA,084247,3452.5517,N,07438.9382,W,2,10,0.2,11,M,,M,,*63
\$HEHDT,28.4,T*11

PORT 4 04-06-2014 08:43:38
\$GPGLL,3452.5517,N,07438.9382,W,084247,A*3B
\$HEHDT,28.4,T*11
\$GPRMC,084247,A,3452.5517,N,07438.9382,W,4.0,29.0,060414,11.9,W*74
\$GPVTG,29.0,T,40.9,M,4.0,N,7.4,K*4F
\$GPZDA,084247,06,04,2014,00,00*40
\$GPGBS,084247,,,,,,,,*4C
\$GPGGA,084248,3452.5526,N,07438.9376,W,2,10,0.2,11,M,,M,,*65
\$HEHDT,28.2,T*17

PORT 5 04-06-2014 08:43:39
04087 ms
*
PORT 4 04-06-2014 08:43:39
\$GPGLL,3452.5526,N,07438.9376,W,084248,A*3D
\$GPRMC,084248,A,3452.5526,N,07438.9376,W,3.9,29.0,060414,11.9,W*7C
\$HEHDT,27.9,T*13
\$GPVTG,29.0,T,40.9,M,3.9,N,7.2,K*47
\$GPZDA,084248,06,04,2014,00,00*4F
\$GPGBS,084248,,,,,,,,*43
\$GPGGA,084249,3452.5535,N,07438.9370,W,2,10,0.2,11,M,,M,,*60
\$HEHDT,27.7,T*1D

PORT 4 04-06-2014 08:43:40
\$GPGLL,3452.5535,N,07438.9370,W,084249,A*38
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\$GPVTG,29.0,T,40.9,M,3.9,N,7.2,K*47
\$HEHDT,27.7,T*1D
\$GPZDA,084249,06,04,2014,00,00*4E
\$GPGBS,084249,,,,,,,,*42
\$GPGGA,084250,3452.5546,N,07438.9363,W,2,9,0.3,11,M,,M,,*57
\$HEHDT,28.0,T*15
\$GPGLL,3452.5546,N,07438.9363,W,084250,A*36
\$GPRMC,084250,A,3452.5546,N,07438.9363,W,3.9,28.9,060414,11.9,W*7F
\$GPVTG,28.9,T,40.8,M,3.9,N,7.2,K*4E

S01_C04_survey.Log

\$GPZDA,084250,06,04,2014,00,00*46
\$GPGBS,084250,,,,,,,,*4A
\$HEHDT,28.3,T*16
\$GPGGA,084251,3452.5555,N,07438.9356,W,2,9,0.2,11,M,,M,,*53

PORT 4 04-06-2014 08:43:42
\$HEHDT,28.4,T*11
\$GPGLL,3452.5555,N,07438.9356,W,084251,A*33
\$GPRMC,084251,A,3452.5555,N,07438.9356,W,3.9,29.0,060414,11.9,W*72
\$GPVTG,29.0,T,40.9,M,3.9,N,7.2,K*47
\$GPZDA,084251,06,04,2014,00,00*47
\$HEHDT,28.8,T*1D
\$GPGBS,084251,,,,,,,,*4B
\$GPGGA,084252,3452.5566,N,07438.9348,W,2,10,0.2,11,M,,M,,*67

PORT 4 04-06-2014 08:43:43
\$GPGLL,3452.5566,N,07438.9348,W,084252,A*3F
\$HEHDT,28.7,T*12
\$GPRMC,084252,A,3452.5566,N,07438.9348,W,3.9,29.2,060414,11.9,W*7C
\$GPVTG,29.2,T,41.1,M,3.9,N,7.2,K*4C
\$GPZDA,084252,06,04,2014,00,00*44
\$GPGBS,084252,,,,,,,,*48
\$GPGGA,084253,3452.5576,N,07438.9341,W,2,10,0.2,11,M,,M,,*6E
\$HEHDT,28.5,T*10

PORT 4 04-06-2014 08:43:44
\$GPGLL,3452.5576,N,07438.9341,W,084253,A*36
\$GPRMC,084253,A,3452.5576,N,07438.9341,W,4.0,29.5,060414,11.9,W*7C
\$HEHDT,28.4,T*11
\$GPVTG,29.5,T,41.4,M,4.0,N,7.4,K*46
\$GPZDA,084253,06,04,2014,00,00*45
\$GPGBS,084253,,,,,,,,*49
\$GPGGA,084254,3452.5586,N,07438.9335,W,2,10,0.2,11,M,,M,,*65
\$HEHDT,28.1,T*14
PORT 12000 04-06-2014 08:43:44
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:43:45
\$GPGLL,3452.5586,N,07438.9335,W,084254,A*3D
\$GPRMC,084254,A,3452.5586,N,07438.9335,W,4.0,29.7,060414,11.9,W*75
\$HEHDT,28.1,T*14
\$GPVTG,29.7,T,41.6,M,4.0,N,7.4,K*46
\$GPZDA,084254,06,04,2014,00,00*42
\$GPGBS,084254,,,,,,,,*4E
\$GPGGA,084255,3452.5594,N,07438.9329,W,2,10,0.2,11,M,,M,,*6A
\$HEHDT,28.0,T*15

PORT 4 04-06-2014 08:43:46
\$GPGLL,3452.5594,N,07438.9329,W,084255,A*32
\$GPRMC,084255,A,3452.5594,N,07438.9329,W,4.0,29.6,060414,11.9,W*7B
\$GPVTG,29.6,T,41.5,M,4.0,N,7.4,K*44
\$HEHDT,28.1,T*14
\$GPZDA,084255,06,04,2014,00,00*43
\$GPGBS,084255,,,,,,,,*4F
\$GPGGA,084256,3452.5605,N,07438.9322,W,2,10,0.2,11,M,,M,,*69

PORT 4 04-06-2014 08:43:47
\$HEHDT,27.7,T*1D
\$GPGLL,3452.5605,N,07438.9322,W,084256,A*31
\$GPRMC,084256,A,3452.5605,N,07438.9322,W,3.9,29.5,060414,11.9,W*75
\$GPVTG,29.5,T,41.4,M,3.9,N,7.2,K*4E
\$GPZDA,084256,06,04,2014,00,00*40
\$GPGBS,084256,,,,,,,,*4C

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\$HEHDT,27.7,T*1D
\$GPGGA,084257,3452.5616,N,07438.9313,W,2,10,0.3,11,M,,M,,*69

PORT 4 04-06-2014 08:43:48
\$HEHDT,27.7,T*1D
\$GPGLL,3452.5616,N,07438.9313,W,084257,A*30
\$GPRMC,084257,A,3452.5616,N,07438.9313,W,4.0,29.5,060414,11.9,W*7A
\$GPVTG,29.5,T,41.4,M,4.0,N,7.4,K*46
\$GPZDA,084257,06,04,2014,00,00*41
\$GPGBS,084257,,,,,,,,*4D
\$GPGGA,084258,3452.5627,N,07438.9306,W,2,10,0.2,11,M,,M,,*61
\$HEHDT,28.0,T*15

PORT 4 04-06-2014 08:43:49
\$GPGLL,3452.5627,N,07438.9306,W,084258,A*39
\$HEHDT,27.8,T*12
\$GPRMC,084258,A,3452.5627,N,07438.9306,W,4.1,29.8,060414,11.9,W*7F
\$GPVTG,29.8,T,41.7,M,4.1,N,7.6,K*4B
\$GPZDA,084258,06,04,2014,00,00*4E
\$GPGBS,084258,,,,,,,,*42
\$GPGGA,084259,3452.5634,N,07438.9301,W,2,10,0.2,11,M,,M,,*65
\$HEHDT,27.7,T*1D

PORT 4 04-06-2014 08:43:50
\$GPGLL,3452.5634,N,07438.9301,W,084259,A*3D
\$GPRMC,084259,A,3452.5634,N,07438.9301,W,4.1,30.0,060414,11.9,W*7B
\$HEHDT,27.5,T*1F
\$GPVTG,30.0,T,41.9,M,4.1,N,7.6,K*45
\$GPZDA,084259,06,04,2014,00,00*4F
\$GPGBS,084259,,,,,,,,*43
\$GPGGA,084300,3452.5643,N,07438.9297,W,2,9,0.3,11,M,,M,,*5F
\$HEHDT,27.7,T*1D

PORT 4 04-06-2014 08:43:51
\$GPGLL,3452.5643,N,07438.9297,W,084300,A*3E
\$GPRMC,084300,A,3452.5643,N,07438.9297,W,3.9,30.0,060414,11.9,W*77
\$GPVTG,30.0,T,41.9,M,3.9,N,7.2,K*4E
\$HEHDT,28.0,T*15
\$GPZDA,084300,06,04,2014,00,00*42
\$GPGBS,084300,,,,,,,,*4E
\$GPGGA,084301,3452.5652,N,07438.9291,W,2,9,0.3,12,M,,M,,*5B
\$HEHDT,28.2,T*17

PORT 4 04-06-2014 08:43:52
\$GPGLL,3452.5652,N,07438.9291,W,084301,A*39
\$GPRMC,084301,A,3452.5652,N,07438.9291,W,3.8,29.8,060414,11.9,W*71
\$GPVTG,29.8,T,41.7,M,3.8,N,7.0,K*43
\$GPZDA,084301,06,04,2014,00,00*43
\$HEHDT,28.2,T*17
\$GPGBS,084301,,,,,,,,*4F
\$GPGGA,084302,3452.5663,N,07438.9283,W,2,8,0.3,12,M,,M,,*58
\$HEHDT,28.5,T*10
\$GPGLL,3452.5663,N,07438.9283,W,084302,A*3B
\$GPRMC,084302,A,3452.5663,N,07438.9283,W,3.8,29.4,060414,11.9,W*7F
\$GPVTG,29.4,T,41.3,M,3.8,N,7.0,K*4B
\$GPZDA,084302,06,04,2014,00,00*40
\$GPGBS,084302,,,,,,,,*4C
\$GPGGA,084303,3452.5674,N,07438.9277,W,2,8,0.3,12,M,,M,,*54
\$HEHDT,28.5,T*10

PORT 4 04-06-2014 08:43:53
\$HEHDT,28.5,T*10
\$GPGLL,3452.5674,N,07438.9277,W,084303,A*37

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\$GPRMC,084303,A,3452.5674,N,07438.9277,W,3.9,29.5,060414,11.9,w*73
\$GPVTG,29.5,T,41.4,M,3.9,N,7.2,K*4E
\$GPZDA,084303,06,04,2014,00,00*41
\$GPGBS,084303,,,,,,,,*4D
\$GPGGA,084304,3452.5683,N,07438.9271,W,2,10,0.2,12,M,,M,,*65
\$HEHDT,28.0,T*15
PORT 12000 04-06-2014 08:43:53
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:43:55
\$GPGLL,3452.5683,N,07438.9271,W,084304,A*3E
\$GPRMC,084304,A,3452.5683,N,07438.9271,W,3.9,29.5,060414,11.9,w*7A
\$HEHDT,28.0,T*15
\$GPVTG,29.5,T,41.4,M,3.9,N,7.2,K*4E
\$GPZDA,084304,06,04,2014,00,00*46
\$GPGBS,084304,,,,,,,,*4A
\$GPGGA,084305,3452.5694,N,07438.9263,W,2,10,0.3,12,M,,M,,*60
\$HEHDT,27.9,T*13

PORT 4 04-06-2014 08:43:56
\$GPGLL,3452.5694,N,07438.9263,W,084305,A*3A
\$GPRMC,084305,A,3452.5694,N,07438.9263,W,3.9,29.5,060414,11.9,w*7E
\$GPVTG,29.5,T,41.4,M,3.9,N,7.2,K*4E
\$HEHDT,27.9,T*13
\$GPZDA,084305,06,04,2014,00,00*47
\$GPGBS,084305,,,,,,,,*4B
\$GPGGA,084306,3452.5705,N,07438.9256,W,2,10,0.2,11,M,,M,,*6E

PORT 4 04-06-2014 08:43:57
\$HEHDT,27.9,T*13
\$GPGLL,3452.5705,N,07438.9256,W,084306,A*36
\$GPRMC,084306,A,3452.5705,N,07438.9256,W,3.9,29.8,060414,11.9,w*7F
\$GPVTG,29.8,T,41.7,M,3.9,N,7.2,K*40
\$GPZDA,084306,06,04,2014,00,00*44
\$HEHDT,27.7,T*1D
\$GPGBS,084306,,,,,,,,*48
\$GPGGA,084307,3452.5714,N,07438.9248,W,2,10,0.2,11,M,,M,,*60

PORT 4 04-06-2014 08:43:58
\$HEHDT,27.9,T*13
\$GPGLL,3452.5714,N,07438.9248,W,084307,A*38
\$GPRMC,084307,A,3452.5714,N,07438.9248,W,4.0,29.8,060414,11.9,w*7F
\$GPVTG,29.8,T,41.7,M,4.0,N,7.4,K*48
\$GPZDA,084307,06,04,2014,00,00*45
\$GPGBS,084307,,,,,,,,*49
\$HEHDT,27.7,T*1D
\$GPGGA,084308,3452.5721,N,07438.9241,W,2,9,0.3,11,M,,M,,*59

PORT 4 04-06-2014 08:43:59
\$HEHDT,28.0,T*15
\$GPGLL,3452.5721,N,07438.9241,W,084308,A*38
\$GPRMC,084308,A,3452.5721,N,07438.9241,W,4.0,29.7,060414,11.9,w*70
\$GPVTG,29.7,T,41.6,M,4.0,N,7.4,K*46
\$GPZDA,084308,06,04,2014,00,00*4A
\$GPGBS,084308,,,,,,,,*46
\$GPGGA,084309,3452.5731,N,07438.9233,W,2,9,0.2,11,M,,M,,*5D
\$HEHDT,27.9,T*13

PORT 4 04-06-2014 08:44:00
\$GPGLL,3452.5731,N,07438.9233,W,084309,A*3D
\$HEHDT,27.9,T*13
\$GPRMC,084309,A,3452.5731,N,07438.9233,W,4.0,30.3,060414,11.9,w*79
\$GPVTG,30.3,T,42.2,M,4.0,N,7.4,K*4D

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\$GPZDA,084309,06,04,2014,00,00*4B
\$GPGBS,084309,,,,,,,,*47
\$GPGGA,084310,3452.5742,N,07438.9227,W,2,10,0.2,11,M,,M,,*6C
\$HEHDT,27.9,T*13

PORT 4 04-06-2014 08:44:01
\$GPGLL,3452.5742,N,07438.9227,W,084310,A*34
\$GPRMC,084310,A,3452.5742,N,07438.9227,W,4.0,31.1,060414,11.9,W*73
\$HEHDT,27.9,T*13
\$GPVTG,31.1,T,43.0,M,4.0,N,7.4,K*4D
\$GPZDA,084310,06,04,2014,00,00*43
\$GPGBS,084310,,,,,,,,*4F
\$GPGGA,084311,3452.5753,N,07438.9222,W,2,10,0.2,11,M,,M,,*68
\$HEHDT,27.8,T*12

PORT 4 04-06-2014 08:44:02
\$GPGLL,3452.5753,N,07438.9222,W,084311,A*30
\$GPRMC,084311,A,3452.5753,N,07438.9222,W,4.0,30.6,060414,11.9,W*71
\$GPVTG,30.6,T,42.5,M,4.0,N,7.4,K*4F
\$GPZDA,084311,06,04,2014,00,00*42
\$HEHDT,28.0,T*15
\$GPGBS,084311,,,,,,,,*4E
\$GPGGA,084312,3452.5764,N,07438.9216,W,2,10,0.2,11,M,,M,,*68

PORT 4 04-06-2014 08:44:03
\$HEHDT,27.8,T*12
\$GPGLL,3452.5764,N,07438.9216,W,084312,A*30
\$GPRMC,084312,A,3452.5764,N,07438.9216,W,4.0,29.3,060414,11.9,W*7C
\$GPVTG,29.3,T,41.2,M,4.0,N,7.4,K*46
\$GPZDA,084312,06,04,2014,00,00*41
\$GPGBS,084312,,,,,,,,*4D
\$HEHDT,28.2,T*17
\$GPGGA,084313,3452.5774,N,07438.9210,W,2,10,0.2,11,M,,M,,*6E

PORT 4 04-06-2014 08:44:04
\$HEHDT,27.9,T*13
\$GPGLL,3452.5774,N,07438.9210,W,084313,A*36
\$GPRMC,084313,A,3452.5774,N,07438.9210,W,4.0,28.4,060414,11.9,W*7C
\$GPVTG,28.4,T,40.3,M,4.0,N,7.4,K*40
\$GPZDA,084313,06,04,2014,00,00*40
\$GPGBS,084313,,,,,,,,*4C
\$GPGGA,084314,3452.5784,N,07438.9203,W,2,10,0.2,11,M,,M,,*64
\$HEHDT,28.2,T*17
PORT 12000 04-06-2014 08:44:04
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:44:05
\$GPGLL,3452.5784,N,07438.9203,W,084314,A*3C
\$HEHDT,28.1,T*14
\$GPRMC,084314,A,3452.5784,N,07438.9203,W,4.0,28.0,060414,11.9,W*72
\$GPVTG,28.0,T,39.9,M,4.0,N,7.4,K*40
\$GPZDA,084314,06,04,2014,00,00*47
\$GPGBS,084314,,,,,,,,*4B
\$GPGGA,084315,3452.5793,N,07438.9195,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,28.3,T*16

PORT 4 04-06-2014 08:44:06
\$GPGLL,3452.5793,N,07438.9195,W,084315,A*37
\$GPRMC,084315,A,3452.5793,N,07438.9195,W,4.0,28.3,060414,11.9,W*7A
\$HEHDT,28.4,T*11
\$GPVTG,28.3,T,40.2,M,4.0,N,7.4,K*46
\$GPZDA,084315,06,04,2014,00,00*46
\$GPGBS,084315,,,,,,,,*4A

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\$GPGGA,084316,3452.5803,N,07438.9186,W,2,10,0.2,11,M,,M,,*68
\$HEHDT,28.5,T*10

PORT 4 04-06-2014 08:44:07
\$GPGLL,3452.5803,N,07438.9186,W,084316,A*30
\$GPRMC,084316,A,3452.5803,N,07438.9186,W,4.0,29.1,060414,11.9,W*7E
\$GPVTG,29.1,T,41.0,M,4.0,N,7.4,K*46
\$HEHDT,28.1,T*14
\$GPZDA,084316,06,04,2014,00,00*45
\$GPGBS,084316,,,,,,,,*49
\$GPGGA,084317,3452.5814,N,07438.9177,W,2,10,0.2,11,M,,M,,*61
\$HEHDT,28.5,T*10

PORT 4 04-06-2014 08:44:08
\$GPGLL,3452.5814,N,07438.9177,W,084317,A*39
\$GPRMC,084317,A,3452.5814,N,07438.9177,W,4.1,30.5,060414,11.9,W*7A
\$GPVTG,30.5,T,42.4,M,4.1,N,7.6,K*4E
\$GPZDA,084317,06,04,2014,00,00*44
\$GPGBS,084317,,,,,,,,*48
\$HEHDT,28.1,T*14
\$GPGGA,084318,3452.5825,N,07438.9169,W,2,10,0.2,11,M,,M,,*63

PORT 4 04-06-2014 08:44:09
\$HEHDT,28.1,T*14
\$GPGLL,3452.5825,N,07438.9169,W,084318,A*3B
\$GPRMC,084318,A,3452.5825,N,07438.9169,W,4.2,31.6,060414,11.9,W*79
\$GPVTG,31.6,T,43.5,M,4.2,N,7.8,K*41
\$GPZDA,084318,06,04,2014,00,00*4B
\$GPGBS,084318,,,,,,,,*47
\$GPGGA,084319,3452.5836,N,07438.9162,W,2,10,0.3,11,M,,M,,*6A
\$HEHDT,28.2,T*17

PORT 4 04-06-2014 08:44:10
\$HEHDT,28.2,T*17
\$GPGLL,3452.5836,N,07438.9162,W,084319,A*33
\$GPRMC,084319,A,3452.5836,N,07438.9162,W,4.2,31.9,060414,11.9,W*7E
\$GPVTG,31.9,T,43.8,M,4.2,N,7.8,K*43
\$GPZDA,084319,06,04,2014,00,00*4A
\$HEHDT,28.3,T*16
\$GPGBS,084319,,,,,,,,*46
\$GPGGA,084320,3452.5846,N,07438.9154,W,2,8,0.5,11,M,,M,,*5D

PORT 4 04-06-2014 08:44:11
\$GPGLL,3452.5846,N,07438.9154,W,084320,A*3B
\$GPRMC,084320,A,3452.5846,N,07438.9154,W,4.3,30.3,060414,11.9,W*7C
\$HEHDT,28.3,T*16
\$GPVTG,30.3,T,42.2,M,4.3,N,8.0,K*45
\$GPZDA,084320,06,04,2014,00,00*40
\$GPGBS,084320,001.3,004.2,000.9,25,0.05,0010.6,012.5*42
\$GPGGA,084321,3452.5857,N,07438.9148,W,2,8,0.5,11,M,,M,,*51
\$HEHDT,28.1,T*14

PORT 4 04-06-2014 08:44:12
\$GPGLL,3452.5857,N,07438.9148,W,084321,A*37
\$GPRMC,084321,A,3452.5857,N,07438.9148,W,4.3,30.3,060414,11.9,W*70
\$GPVTG,30.3,T,42.2,M,4.3,N,8.0,K*45
\$HEHDT,28.1,T*14
\$GPZDA,084321,06,04,2014,00,00*41
\$GPGBS,084321,,,,,,,,*4D
\$GPGGA,084322,3452.5868,N,07438.9141,W,2,6,0.5,11,M,,M,,*59
\$HEHDT,28.0,T*15
\$GPGLL,3452.5868,N,07438.9141,W,084322,A*31
\$GPRMC,084322,A,3452.5868,N,07438.9141,W,4.2,29.4,060414,11.9,W*78

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\$GPVTG,29.4,T,41.3,M,4.2,N,7.8,K*4E
 \$GPZDA,084322,06,04,2014,00,00*42
 \$HEHDT,28.1,T*14
 \$GPGBS,084322,,,,,,,,*4E
 \$GPGGA,084323,3452.5880,N,07438.9132,W,2,6,0.8,11,M,,M,,*57
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 PORT 4 04-06-2014 08:44:13
 \$HEHDT,28.1,T*14
 \$GPGLL,3452.5880,N,07438.9132,W,084323,A*32
 \$GPRMC,084323,A,3452.5880,N,07438.9132,W,4.2,28.5,060414,11.9,w*7B
 \$GPVTG,28.5,T,40.4,M,4.2,N,7.8,K*48
 \$GPZDA,084323,06,04,2014,00,00*43
 \$GPGBS,084323,,,,,,,,*4F
 \$GPGGA,084324,3452.5891,N,07438.9122,W,2,4,0.8,11,M,,M,,*53
 \$HEHDT,28.0,T*15
 PORT 12000 04-06-2014 08:44:13
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 PORT 4 04-06-2014 08:44:14
 \$GPGLL,3452.5891,N,07438.9122,W,084324,A*34
 \$HEHDT,27.8,T*12
 \$GPRMC,084324,A,3452.5891,N,07438.9122,W,4.2,28.2,060414,11.9,w*7A
 \$GPVTG,28.2,T,40.1,M,4.2,N,7.8,K*4A
 \$GPZDA,084324,06,04,2014,00,00*44
 \$GPGBS,084324,,,,,,,,*48
 \$GPGGA,084325,3452.5902,N,07438.9113,W,1,4,0.8,11,M,,M,,*58
 \$HEHDT,28.1,T*14
 #
 PORT 4 04-06-2014 08:44:15
 \$GPGLL,3452.5902,N,07438.9113,W,084325,A*3C
 \$GPRMC,084325,A,3452.5902,N,07438.9113,W,4.2,28.5,060414,11.9,w*75
 \$HEHDT,28.3,T*16
 \$GPVTG,28.5,T,40.4,M,4.2,N,7.8,K*48
 \$GPZDA,084325,06,04,2014,00,00*45
 \$GPGBS,084325,,,,,,,,*49
 \$GPGGA,084326,3452.5912,N,07438.9103,W,2,6,0.4,11,M,,M,,*56
 \$HEHDT,28.4,T*11
 #
 PORT 4 04-06-2014 08:44:16
 \$GPGLL,3452.5912,N,07438.9103,W,084326,A*3F
 \$GPRMC,084326,A,3452.5912,N,07438.9103,W,4.3,29.1,060414,11.9,w*72
 \$HEHDT,28.4,T*11
 \$GPVTG,29.1,T,41.0,M,4.3,N,8.0,K*4E
 \$GPZDA,084326,06,04,2014,00,00*46
 \$GPGBS,084326,,,,,,,,*4A
 \$GPGGA,084327,3452.5922,N,07438.9094,W,2,6,0.4,11,M,,M,,*5B
 #
 PORT 4 04-06-2014 08:44:17
 \$HEHDT,28.5,T*10
 \$GPGLL,3452.5922,N,07438.9094,W,084327,A*32
 \$GPRMC,084327,A,3452.5922,N,07438.9094,W,4.3,29.7,060414,11.9,w*79
 \$GPVTG,29.7,T,41.6,M,4.3,N,8.0,K*4E
 \$GPZDA,084327,06,04,2014,00,00*47
 \$HEHDT,28.9,T*1C
 \$GPGBS,084327,,,,,,,,*4B
 \$GPGGA,084328,3452.5932,N,07438.9085,W,2,6,0.4,11,M,,M,,*55
 #
 PORT 4 04-06-2014 08:44:19
 \$HEHDT,28.5,T*10
 \$GPGLL,3452.5932,N,07438.9085,W,084328,A*3C
 \$GPRMC,084328,A,3452.5932,N,07438.9085,W,4.3,31.0,060414,11.9,w*79
 \$GPVTG,31.0,T,42.9,M,4.3,N,8.0,K*4C
 \$HEHDT,28.9,T*1C

S01_C04_survey.Log

\$GPZDA,084328,06,04,2014,00,00*48
\$GPGBS,084328,,,,,,,,*44
\$GPGGA,084329,3452.5943,N,07438.9077,W,2,9,0.3,11,M,,M,,*57

PORT 4 04-06-2014 08:44:20
\$HEHDT,28.5,T*10
\$GPGLL,3452.5943,N,07438.9077,W,084329,A*36
\$GPRMC,084329,A,3452.5943,N,07438.9077,W,4.4,31.4,060414,11.9,W*70
\$GPVTG,31.4,T,43.3,M,4.4,N,8.1,K*45
\$GPZDA,084329,06,04,2014,00,00*49
\$GPGBS,084329,,,,,,,,*45
\$HEHDT,28.8,T*1D
\$GPGGA,084330,3452.5954,N,07438.9070,W,2,9,0.2,11,M,,M,,*5F

PORT 4 04-06-2014 08:44:21
\$HEHDT,28.3,T*16
\$GPGLL,3452.5954,N,07438.9070,W,084330,A*3F
\$GPRMC,084330,A,3452.5954,N,07438.9070,W,4.4,31.0,060414,11.9,W*7D
\$GPVTG,31.0,T,42.9,M,4.4,N,8.1,K*4A
\$GPZDA,084330,06,04,2014,00,00*41
\$GPGBS,084330,,,,,,,,*4D
\$GPGGA,084331,3452.5963,N,07438.9063,W,2,9,0.2,11,M,,M,,*58
\$HEHDT,28.4,T*11

PORT 4 04-06-2014 08:44:22
\$GPGLL,3452.5963,N,07438.9063,W,084331,A*38
\$HEHDT,28.0,T*15
\$GPRMC,084331,A,3452.5963,N,07438.9063,W,4.4,31.0,060414,11.9,W*7A
\$GPVTG,31.0,T,42.9,M,4.4,N,8.1,K*4A
\$GPZDA,084331,06,04,2014,00,00*40
\$GPGBS,084331,,,,,,,,*4C
\$GPGGA,084332,3452.5974,N,07438.9054,W,2,10,0.3,11,M,,M,,*60
\$HEHDT,28.2,T*17

PORT 4 04-06-2014 08:44:23
\$GPGLL,3452.5974,N,07438.9054,W,084332,A*39
\$GPRMC,084332,A,3452.5974,N,07438.9054,W,4.4,30.7,060414,11.9,W*7D
\$GPVTG,30.7,T,42.6,M,4.4,N,8.1,K*43
\$GPZDA,084332,06,04,2014,00,00*43
\$HEHDT,27.9,T*13
\$GPGBS,084332,,,,,,,,*4F
\$GPGGA,084333,3452.5981,N,07438.9047,W,2,10,0.3,11,M,,M,,*69
\$HEHDT,28.3,T*16

PORT 4 04-06-2014 08:44:24
\$GPGLL,3452.5981,N,07438.9047,W,084333,A*30
\$GPRMC,084333,A,3452.5981,N,07438.9047,W,4.4,30.7,060414,11.9,W*74
\$GPVTG,30.7,T,42.6,M,4.4,N,8.1,K*43
\$HEHDT,28.3,T*16
\$GPZDA,084333,06,04,2014,00,00*42
\$GPGBS,084333,,,,,,,,*4E
\$GPGGA,084334,3452.5991,N,07438.9040,W,2,8,0.3,11,M,,M,,*51
\$HEHDT,28.9,T*1C
\$GPGLL,3452.5991,N,07438.9040,W,084334,A*31
\$GPRMC,084334,A,3452.5991,N,07438.9040,W,4.4,29.6,060414,11.9,W*7C
\$GPVTG,29.6,T,41.5,M,4.4,N,8.1,K*4A
\$GPZDA,084334,06,04,2014,00,00*45
\$GPGBS,084334,,,,,,,,*49
\$HEHDT,29.0,T*14
\$GPGGA,084335,3452.5999,N,07438.9034,W,2,8,0.3,11,M,,M,,*5B
PORT 12000 04-06-2014 08:44:24
\$PPWBA,d2pc15,192.168.2.151,Online
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S01_C04_survey.Log

PORT 4 04-06-2014 08:44:26

\$HEHDT,29.2,T*16
\$GPGLL,3452.5999,N,07438.9034,W,084335,A*3B
\$GPRMC,084335,A,3452.5999,N,07438.9034,W,4.4,29.6,060414,11.9,W*76
\$GPVTG,29.6,T,41.5,M,4.4,N,8.1,K*4A
\$GPZDA,084335,06,04,2014,00,00*44
\$GPGBS,084335,,,,,,,,*48
\$GPGGA,084336,3452.6010,N,07438.9026,W,2,6,0.3,11,M,,M,,*5E
\$HEHDT,29.4,T*10

#

PORT 4 04-06-2014 08:44:27

\$GPGLL,3452.6010,N,07438.9026,W,084336,A*30
\$HEHDT,29.0,T*14
\$GPRMC,084336,A,3452.6010,N,07438.9026,W,4.3,29.5,060414,11.9,W*79
\$GPVTG,29.5,T,41.4,M,4.3,N,8.0,K*4E
\$GPZDA,084336,06,04,2014,00,00*47
\$GPGBS,084336,,,,,,,,*4B
\$GPGGA,084337,3452.6020,N,07438.9016,W,2,6,0.3,11,M,,M,,*5F
\$HEHDT,29.1,T*15

#

PORT 4 04-06-2014 08:44:28

\$GPGLL,3452.6020,N,07438.9016,W,084337,A*31
\$GPRMC,084337,A,3452.6020,N,07438.9016,W,4.4,30.5,060414,11.9,W*77
\$HEHDT,28.9,T*1C
\$GPVTG,30.5,T,42.4,M,4.4,N,8.1,K*43
\$GPZDA,084337,06,04,2014,00,00*46
\$GPGBS,084337,,,,,,,,*4A
\$GPGGA,084338,3452.6031,N,07438.9006,W,2,7,0.3,11,M,,M,,*50

#

PORT 4 04-06-2014 08:44:29

\$HEHDT,28.9,T*1C
\$GPGLL,3452.6031,N,07438.9006,W,084338,A*3F
\$GPRMC,084338,A,3452.6031,N,07438.9006,W,4.4,30.5,060414,11.9,W*79
\$HEHDT,28.8,T*1D
\$GPVTG,30.5,T,42.4,M,4.4,N,8.1,K*43
\$GPZDA,084338,06,04,2014,00,00*49
\$GPGBS,084338,,,,,,,,*45
\$GPGGA,084339,3452.6042,N,07438.8997,W,2,7,0.3,11,M,,M,,*55

#

PORT 4 04-06-2014 08:44:30

\$HEHDT,28.8,T*1D
\$GPGLL,3452.6042,N,07438.8997,W,084339,A*3A
\$GPRMC,084339,A,3452.6042,N,07438.8997,W,4.5,32.1,060414,11.9,W*7B
\$GPVTG,32.1,T,44.0,M,4.5,N,8.3,K*44
\$GPZDA,084339,06,04,2014,00,00*48
\$HEHDT,28.8,T*1D
\$GPGBS,084339,,,,,,,,*44
\$GPGGA,084340,3452.6052,N,07438.8990,W,2,6,0.3,11,M,,M,,*5C

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PORT 5 04-06-2014 08:44:31

IN

PORT 4 04-06-2014 08:44:31

\$HEHDT,28.8,T*1D
\$GPGLL,3452.6042,N,07438.8997,W,084339,A*3A
\$GPRMC,084339,A,3452.6042,N,07438.8997,W,4.5,32.1,060414,11.9,W*7B
\$GPVTG,32.1,T,44.0,M,4.5,N,8.3,K*44
\$GPZDA,084339,06,04,2014,00,00*48
\$HEHDT,28.8,T*1D
\$GPGBS,084339,,,,,,,,*44
\$GPGGA,084340,3452.6052,N,07438.8990,W,2,6,0.3,11,M,,M,,*5C
\$HEHDT,28.5,T*10
\$GPGLL,3452.6052,N,07438.8990,W,084340,A*32
\$GPRMC,084340,A,3452.6052,N,07438.8990,W,4.5,31.9,060414,11.9,W*78

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\$GPVTG,31.9,T,43.8,M,4.5,N,8.3,K*40
\$GPZDA,084340,06,04,2014,00,00*46
\$GPGBS,084340,,,,,,,,*4A
\$GPGGA,084341,3452.6063,N,07438.8983,W,2,6,0.3,11,M,,M,,*5D
\$HEHDT,28.7,T*12
\$GPGLL,3452.6063,N,07438

PORT 4 04-06-2014 08:44:32
\$HEHDT,28.8,T*1D
\$GPGLL,3452.6042,N,07438.8997,W,084339,A*3A
\$GPRMC,084339,A,3452.6042,N,07438.8997,W,4.5,32.1,060414,11.9,W*7B
\$GPVTG,32.1,T,44.0,M,4.5,N,8.3,K*44
\$GPZDA,084339,06,04,2014,00,00*48
\$HEHDT,28.8,T*1D
\$GPGBS,084339,,,,,,,,*44
\$GPGGA,084340,3452.6052,N,07438.8990,W,2,6,0.3,11,M,,M,,*5C
\$HEHDT,28.5,T*10
\$GPGLL,3452.6052,N,07438.8990,W,084340,A*32
\$GPRMC,084340,A,3452.6052,N,07438.8990,W,4.5,31.9,060414,11.9,W*78
\$GPVTG,31.9,T,43.8,M,4.5,N,8.3,K*40
\$GPZDA,084340,06,04,2014,00,00*46
\$GPGBS,084340,,,,,,,,*4A
\$GPGGA,084341,3452.6063,N,07438.8983,W,2,6,0.3,11,M,,M,,*5D
\$HEHDT,28.7,T*12
\$GPGLL,3452.6063,N,07438.8983,W,084341,A*33
\$HEHDT,28.4,T*11
\$GPRMC,084341,A,3452.6063,N,07438.8983,W,4.5,31.9,060414,11.9,W*79
\$GPVTG,31.9,T,43.8,M,4.5,N,8.3,K*40
\$GPZDA,084341,06,04,2014,00,00*47
\$GPGBS,084341,,,,,,,,*4B
\$GPGGA,084342,3452.6074,N,07438.8975,W,2,6,0.3,11,M,,M,,*51
\$HEHDT,28.5,T*10

PORT 4 04-06-2014 08:44:34
\$GPGLL,3452.6074,N,07438.8975,W,084342,A*3F
\$GPRMC,084342,A,3452.6074,N,07438.8975,W,4.4,32.2,060414,11.9,W*7C
\$HEHDT,28.8,T*1D
\$GPVTG,32.2,T,44.1,M,4.4,N,8.1,K*45
\$GPZDA,084342,06,04,2014,00,00*44
\$GPGBS,084342,,,,,,,,*48
\$GPGGA,084343,3452.6086,N,07438.8967,W,2,6,0.3,11,M,,M,,*5E
\$HEHDT,28.5,T*10
\$GPGLL,3452.6086,N,07438.8967,W,084343,A*30
\$GPRMC,084343,A,3452.6086,N,07438.8967,W,4.5,31.5,060414,11.9,W*76
\$HEHDT,28.4,T*11
\$GPVTG,31.5,T,43.4,M,4.5,N,8.3,K*40
\$GPZDA,084343,06,04,2014,00,00*45
\$GPGBS,084343,,,,,,,,*49
\$GPGGA,084344,3452.6097,N,07438.8960,W,2,9,0.3,11,M,,M,,*51
PORT 12000 04-06-2014 08:44:34
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 5 04-06-2014 08:44:35
04062 ms
*
PORT 4 04-06-2014 08:44:35
\$HEHDT,28.9,T*1C
\$GPGLL,3452.6097,N,07438.8960,W,084344,A*30
\$GPRMC,084344,A,3452.6097,N,07438.8960,W,4.5,30.9,060414,11.9,W*7B
\$GPVTG,30.9,T,42.8,M,4.5,N,8.3,K*40
\$HEHDT,28.5,T*10
\$GPZDA,084344,06,04,2014,00,00*42
\$GPGBS,084344,,,,,,,,*4E

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\$GPGGA,084345,3452.6109,N,07438.8954,W,2,9,0.3,11,M,,M,,*51

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PORT 4 04-06-2014 08:44:36

\$HEHDT,28.7,T*12

\$GPGLL,3452.6109,N,07438.8954,W,084345,A*30

\$GPRMC,084345,A,3452.6109,N,07438.8954,W,4.5,30.9,060414,11.9,W*7B

\$GPVTG,30.9,T,42.8,M,4.5,N,8.3,K*40

\$GPZDA,084345,06,04,2014,00,00*43

\$GPGBS,084345,,,,,,,,*4F

\$GPGGA,084346,3452.6120,N,07438.8948,W,2,9,0.2,11,M,,M,,*55

\$HEHDT,28.3,T*16

#

PORT 4 04-06-2014 08:44:37

\$HEHDT,28.3,T*16

\$GPGLL,3452.6120,N,07438.8948,W,084346,A*35

\$GPRMC,084346,A,3452.6120,N,07438.8948,W,4.5,29.1,060414,11.9,W*7E

\$GPVTG,29.1,T,41.0,M,4.5,N,8.3,K*4B

\$GPZDA,084346,06,04,2014,00,00*40

\$GPGBS,084346,,,,,,,,*4C

\$GPGGA,084347,3452.6132,N,07438.8940,W,2,9,0.3,11,M,,M,,*5E

\$HEHDT,28.3,T*16

#

PORT 4 04-06-2014 08:44:38

\$GPGLL,3452.6132,N,07438.8940,W,084347,A*3F

\$HEHDT,28.7,T*12

\$GPRMC,084347,A,3452.6132,N,07438.8940,W,4.5,29.3,060414,11.9,W*76

\$GPVTG,29.3,T,41.2,M,4.5,N,8.3,K*4B

\$GPZDA,084347,06,04,2014,00,00*41

\$GPGBS,084347,,,,,,,,*4D

\$GPGGA,084348,3452.6143,N,07438.8931,W,2,9,0.3,11,M,,M,,*51

\$HEHDT,28.9,T*1C

#

PORT 4 04-06-2014 08:44:39

\$GPGLL,3452.6143,N,07438.8931,W,084348,A*30

\$GPRMC,084348,A,3452.6143,N,07438.8931,W,4.6,30.2,060414,11.9,W*73

\$HEHDT,29.0,T*14

\$GPVTG,30.2,T,42.1,M,4.6,N,8.5,K*47

\$GPZDA,084348,06,04,2014,00,00*4E

\$GPGBS,084348,,,,,,,,*42

\$GPGGA,084349,3452.6153,N,07438.8921,W,2,9,0.2,11,M,,M,,*51

\$HEHDT,28.8,T*1D

#

PORT 4 04-06-2014 08:44:40

\$GPGLL,3452.6153,N,07438.8921,W,084349,A*31

\$GPRMC,084349,A,3452.6153,N,07438.8921,W,4.6,31.5,060414,11.9,W*74

\$GPVTG,31.5,T,43.4,M,4.6,N,8.5,K*45

\$GPZDA,084349,06,04,2014,00,00*4F

\$HEHDT,28.8,T*1D

\$GPGBS,084349,,,,,,,,*43

\$GPGGA,084350,3452.6162,N,07438.8910,W,2,10,0.2,11,M,,M,,*61

\$HEHDT,28.4,T*11

#

PORT 4 04-06-2014 08:44:42

\$GPGLL,3452.6162,N,07438.8910,W,084350,A*39

\$GPRMC,084350,A,3452.6162,N,07438.8910,W,4.6,31.5,060414,11.9,W*7C

\$GPVTG,31.5,T,43.4,M,4.6,N,8.5,K*45

\$GPZDA,084350,06,04,2014,00,00*47

\$GPGBS,084350,,,,,,,,*4B

\$HEHDT,28.3,T*16

\$GPGGA,084351,3452.6174,N,07438.8900,W,2,10,0.3,11,M,,M,,*67

\$HEHDT,28.3,T*16

\$GPGLL,3452.6174,N,07438.8900,W,084351,A*3E

\$GPRMC,084351,A,3452.6174,N,07438.8900,W,4.6,32.9,060414,11.9,W*74

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\$GPVTG,32.9,T,44.8,M,4.6,N,8.5,K*41
\$GPZDA,084351,06,04,2014,00,00*46
\$GPGBS,084351,,,,,,,,*4A
\$GPGGA,084352,3452.6186,N,07438.8892,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,28.3,T*16

PORT 4 04-06-2014 08:44:43
\$GPGLL,3452.6186,N,07438.8892,W,084352,A*3A
\$GPRMC,084352,A,3452.6186,N,07438.8892,W,4.6,33.7,060414,11.9,W*7F
\$HEHDT,28.4,T*11
\$GPVTG,33.7,T,45.6,M,4.6,N,8.5,K*41
\$GPZDA,084352,06,04,2014,00,00*45
\$GPGBS,084352,,,,,,,,*49
\$GPGGA,084353,3452.6198,N,07438.8886,W,2,9,0.2,11,M,,M,,*51
\$HEHDT,28.7,T*12

PORT 4 04-06-2014 08:44:44
\$GPGLL,3452.6198,N,07438.8886,W,084353,A*31
\$GPRMC,084353,A,3452.6198,N,07438.8886,W,4.6,33.0,060414,11.9,W*73
\$HEHDT,28.5,T*10
\$GPVTG,33.0,T,44.9,M,4.6,N,8.5,K*48
\$GPZDA,084353,06,04,2014,00,00*44
\$GPGBS,084353,,,,,,,,*48
\$GPGGA,084354,3452.6208,N,07438.8880,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,28.8,T*1D
PORT 12000 04-06-2014 08:44:44
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:44:45
\$GPGLL,3452.6208,N,07438.8880,W,084354,A*3A
\$GPRMC,084354,A,3452.6208,N,07438.8880,W,4.6,30.9,060414,11.9,W*72
\$GPVTG,30.9,T,42.8,M,4.6,N,8.5,K*45
\$HEHDT,28.2,T*17
\$GPZDA,084354,06,04,2014,00,00*43
\$GPGBS,084354,,,,,,,,*4F
\$GPGGA,084355,3452.6221,N,07438.8872,W,2,9,0.2,11,M,,M,,*5D
\$HEHDT,28.2,T*17

PORT 4 04-06-2014 08:44:46
\$GPGLL,3452.6221,N,07438.8872,W,084355,A*3D
\$GPRMC,084355,A,3452.6221,N,07438.8872,W,4.6,30.3,060414,11.9,W*7F
\$GPVTG,30.3,T,42.2,M,4.6,N,8.5,K*45
\$GPZDA,084355,06,04,2014,00,00*42
\$HEHDT,27.9,T*13
\$GPGBS,084355,,,,,,,,*4E
\$GPGGA,084356,3452.6234,N,07438.8865,W,2,10,0.3,11,M,,M,,*65

PORT 4 04-06-2014 08:44:47
\$HEHDT,27.8,T*12
\$GPGLL,3452.6234,N,07438.8865,W,084356,A*3C
\$GPRMC,084356,A,3452.6234,N,07438.8865,W,4.6,29.6,060414,11.9,W*73
\$GPVTG,29.6,T,41.5,M,4.6,N,8.5,K*4C
\$GPZDA,084356,06,04,2014,00,00*41
\$GPGBS,084356,,,,,,,,*4D
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PORT 4 04-06-2014 08:44:48
\$GPGLL,3452.6245,N,07438.8858,W,084357,A*35
\$HEHDT,27.8,T*12
\$GPRMC,084357,A,3452.6245,N,07438.8858,W,4.7,28.9,060414,11.9,W*75
\$GPVTG,28.9,T,40.8,M,4.7,N,8.7,K*4D
\$GPZDA,084357,06,04,2014,00,00*40

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\$GPGBS,084357,,,,,,,,*4C
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PORT 4 04-06-2014 08:44:49
\$GPGLL,3452.6258,N,07438.8850,W,084358,A*3E
\$GPRMC,084358,A,3452.6258,N,07438.8850,W,4.7,28.9,060414,11.9,W*7E
\$HEHDT,27.8,T*12
\$GPVTG,28.9,T,40.8,M,4.7,N,8.7,K*4D
\$GPZDA,084358,06,04,2014,00,00*4F
\$GPGBS,084358,,,,,,,,*43
\$GPGBA,084359,3452.6268,N,07438.8841,W,2,9,0.2,11,M,,M,,*5C
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\$GPGLL,3452.6268,N,07438.8841,W,084359,A*3C
\$GPRMC,084359,A,3452.6268,N,07438.8841,W,4.7,28.6,060414,11.9,W*73
\$GPVTG,28.6,T,40.5,M,4.7,N,8.7,K*4F
\$HEHDT,27.9,T*13
\$GPZDA,084359,06,04,2014,00,00*4E
\$GPGBS,084359,,,,,,,,*42
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PORT 4 04-06-2014 08:44:50
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\$GPGLL,3452.6277,N,07438.8832,W,084400,A*3D
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\$GPVTG,29.2,T,41.1,M,4.7,N,8.7,K*4F
\$GPZDA,084400,06,04,2014,00,00*45
\$GPGBS,084400,,,,,,,,*49
\$HEHDT,28.1,T*14
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PORT 4 04-06-2014 08:44:51
\$HEHDT,28.0,T*15
\$GPGLL,3452.6288,N,07438.8822,W,084401,A*3D
\$GPRMC,084401,A,3452.6288,N,07438.8822,W,4.7,30.6,060414,11.9,W*7B
\$GPVTG,30.6,T,42.5,M,4.7,N,8.7,K*44
\$GPZDA,084401,06,04,2014,00,00*44
\$GPGBS,084401,,,,,,,,*48
\$GPGBA,084402,3452.6297,N,07438.8812,W,2,10,0.2,11,M,,M,,*6B
\$HEHDT,28.1,T*14

PORT 4 04-06-2014 08:44:52
\$HEHDT,28.1,T*14
\$GPGLL,3452.6297,N,07438.8812,W,084402,A*33
\$GPRMC,084402,A,3452.6297,N,07438.8812,W,4.6,32.0,060414,11.9,W*70
\$GPVTG,32.0,T,43.9,M,4.6,N,8.5,K*4E
\$GPZDA,084402,06,04,2014,00,00*47
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\$HEHDT,27.8,T*12

PORT 4 04-06-2014 08:44:54
\$GPGLL,3452.6310,N,07438.8802,W,084403,A*3D
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\$HEHDT,27.3,T*19
\$GPVTG,32.4,T,44.3,M,4.7,N,8.7,K*44
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PORT 4 04-06-2014 08:44:55

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\$HEHDT,26.6,T*1D
\$GPVTG,32.4,T,44.3,M,4.7,N,8.7,K*44
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PORT 4 04-06-2014 08:44:56

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\$GPGLL,3452.6335,N,07438.8787,W,084405,A*3E
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\$GPVTG,30.7,T,42.6,M,4.8,N,8.9,K*47
\$GPZDA,084405,06,04,2014,00,00*40
\$HEHDT,26.3,T*18
\$GPGBS,084405,,,,,,,,*4C
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PORT 4 04-06-2014 08:44:57

\$HEHDT,26.5,T*1E
\$GPGLL,3452.6346,N,07438.8781,W,084406,A*3F
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\$GPVTG,30.7,T,42.6,M,4.8,N,8.9,K*47
\$GPZDA,084406,06,04,2014,00,00*43
\$GPGBS,084406,,,,,,,,*4F
\$GPGGA,084407,3452.6359,N,07438.8776,W,2,9,0.2,11,M,,M,,*58
\$HEHDT,26.5,T*1E
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PORT 4 04-06-2014 08:44:58

\$HEHDT,26.7,T*1C
\$GPGLL,3452.6359,N,07438.8776,W,084407,A*38
\$GPRMC,084407,A,3452.6359,N,07438.8776,W,4.7,29.6,060414,11.9,W*76
\$GPVTG,29.6,T,41.5,M,4.7,N,8.7,K*4F
\$GPZDA,084407,06,04,2014,00,00*42
\$GPGBS,084407,,,,,,,,*4E
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\$HEHDT,26.5,T*1E
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PORT 4 04-06-2014 08:44:59

\$GPGLL,3452.6371,N,07438.8769,W,084408,A*33
\$HEHDT,26.8,T*13
\$GPRMC,084408,A,3452.6371,N,07438.8769,W,4.8,27.3,060414,11.9,W*79
\$GPVTG,27.3,T,39.2,M,4.8,N,8.9,K*4D
\$GPZDA,084408,06,04,2014,00,00*4D
\$GPGBS,084408,,,,,,,,*41
\$GPGGA,084409,3452.6382,N,07438.8760,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,26.4,T*1F
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PORT 4 04-06-2014 08:45:00

\$GPGLL,3452.6382,N,07438.8760,W,084409,A*37
\$GPRMC,084409,A,3452.6382,N,07438.8760,W,4.8,27.7,060414,11.9,W*79
\$HEHDT,26.6,T*1D
\$GPVTG,27.7,T,39.6,M,4.8,N,8.9,K*4D
\$GPZDA,084409,06,04,2014,00,00*4C
\$GPGBS,084409,,,,,,,,*40
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PORT 4 04-06-2014 08:45:01

\$GPGLL,3452.6393,N,07438.8751,W,084410,A*3D
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PORT 4 04-06-2014 08:45:02
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$GPGLL,3452.6403,N,07438.8742,W,084411,A*30
$GPRMC,084411,A,3452.6403,N,07438.8742,W,4.7,29.0,060414,11.9,W*78
$GPVTG,29.0,T,40.9,M,4.7,N,8.7,K*44
$GPZDA,084411,06,04,2014,00,00*45
$HEHDT,26.4,T*1F
$GPGBS,084411,,,,,,,,*49
$GPGGA,084412,3452.6414,N,07438.8733,W,2,10,0.2,11,M,,M,,*6B
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PORT 4 04-06-2014 08:45:03
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$GPRMC,084412,A,3452.6414,N,07438.8733,W,4.6,30.8,060414,11.9,W*7A
$GPVTG,30.8,T,42.7,M,4.6,N,8.5,K*4B
$GPZDA,084412,06,04,2014,00,00*46
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PORT 4 04-06-2014 08:45:04
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$GPGLL,3452.6425,N,07438.8724,W,084413,A*36
$GPRMC,084413,A,3452.6425,N,07438.8724,W,4.7,31.0,060414,11.9,W*77
$GPVTG,31.0,T,42.9,M,4.7,N,8.7,K*4F
$GPZDA,084413,06,04,2014,00,00*47
$GPGBS,084413,,,,,,,,*4B
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$HEHDT,25.2,T*1A
$GPVTG,30.8,T,42.7,M,4.8,N,8.9,K*49
$GPZDA,084414,06,04,2014,00,00*40
$GPGBS,084414,,,,,,,,*4C
$GPGGA,084415,3452.6451,N,07438.8709,W,2,10,0.2,11,M,,M,,*64
$HEHDT,25.5,T*1D
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PORT 4 04-06-2014 08:45:06
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$GPRMC,084415,A,3452.6451,N,07438.8709,W,4.8,29.7,060414,11.9,W*7C
$GPVTG,29.7,T,41.6,M,4.8,N,8.9,K*4C
$GPZDA,084415,06,04,2014,00,00*41
$HEHDT,25.2,T*1A
$GPGBS,084415,,,,,,,,*4D
$GPGGA,084416,3452.6464,N,07438.8704,W,2,10,0.2,11,M,,M,,*6C
$HEHDT,25.2,T*1A
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PORT 4 04-06-2014 08:45:07
$GPGLL,3452.6464,N,07438.8704,W,084416,A*34
$GPRMC,084416,A,3452.6464,N,07438.8704,W,4.8,29.7,060414,11.9,W*74
$GPVTG,29.7,T,41.6,M,4.8,N,8.9,K*4C
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$HEHDT,25.4,T*1C

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\$GPGBS,084416,,,,,,,,*4E
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PORT 4 04-06-2014 08:45:08
\$HEHDT,25.3,T*1B
\$GPGLL,3452.6476,N,07438.8699,W,084417,A*33
\$GPRMC,084417,A,3452.6476,N,07438.8699,W,4.8,26.4,060414,11.9,W*7F
\$GPVTG,26.4,T,38.3,M,4.8,N,8.9,K*4B
\$GPZDA,084417,06,04,2014,00,00*43
\$GPGBS,084417,,,,,,,,*4F
\$HEHDT,25.2,T*1A
\$GPGGA,084418,3452.6490,N,07438.8692,W,2,10,0.2,11,M,,M,,*67

PORT 4 04-06-2014 08:45:09
\$HEHDT,24.7,T*1E
\$GPGLL,3452.6490,N,07438.8692,W,084418,A*3F
\$GPRMC,084418,A,3452.6490,N,07438.8692,W,4.8,25.5,060414,11.9,W*71
\$GPVTG,25.5,T,37.4,M,4.8,N,8.9,K*41
\$GPZDA,084418,06,04,2014,00,00*4C
\$GPGBS,084418,,,,,,,,*40
\$GPGGA,084419,3452.6501,N,07438.8685,W,2,10,0.2,11,M,,M,,*69
\$HEHDT,24.5,T*1C

PORT 4 04-06-2014 08:45:10
\$GPGLL,3452.6501,N,07438.8685,W,084419,A*31
\$GPRMC,084419,A,3452.6501,N,07438.8685,W,4.8,25.8,060414,11.9,W*72
\$HEHDT,24.4,T*1D
\$GPVTG,25.8,T,37.7,M,4.8,N,8.9,K*4F
\$GPZDA,084419,06,04,2014,00,00*4D
\$GPGBS,084419,,,,,,,,*41
\$GPGGA,084420,3452.6512,N,07438.8676,W,2,10,0.2,11,M,,M,,*6D
\$HEHDT,24.5,T*1C

PORT 4 04-06-2014 08:45:11
\$GPGLL,3452.6512,N,07438.8676,W,084420,A*35
\$GPRMC,084420,A,3452.6512,N,07438.8676,W,4.7,27.1,060414,11.9,W*72
\$HEHDT,24.3,T*1A
\$GPVTG,27.1,T,39.0,M,4.7,N,8.7,K*4C
\$GPZDA,084420,06,04,2014,00,00*47
\$GPGBS,084420,,,,,,,,*4B
\$GPGGA,084421,3452.6523,N,07438.8666,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,24.7,T*1E

PORT 4 04-06-2014 08:45:12
\$GPGLL,3452.6523,N,07438.8666,W,084421,A*37
\$GPRMC,084421,A,3452.6523,N,07438.8666,W,4.8,28.4,060414,11.9,W*75
\$GPVTG,28.4,T,40.3,M,4.8,N,8.9,K*4A
\$HEHDT,24.2,T*1B
\$GPZDA,084421,06,04,2014,00,00*46
\$GPGBS,084421,,,,,,,,*4A
\$GPGGA,084422,3452.6536,N,07438.8658,W,2,10,0.2,11,M,,M,,*65
\$HEHDT,24.1,T*18

PORT 4 04-06-2014 08:45:14
\$GPGLL,3452.6536,N,07438.8658,W,084422,A*3D
\$GPRMC,084422,A,3452.6536,N,07438.8658,W,4.8,28.6,060414,11.9,W*7D
\$GPVTG,28.6,T,40.5,M,4.8,N,8.9,K*4E
\$GPZDA,084422,06,04,2014,00,00*45
\$GPGBS,084422,,,,,,,,*49
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\$GPGGA,084423,3452.6548,N,07438.8651,W,2,10,0.2,11,M,,M,,*64
\$HEHDT,23.6,T*18
\$GPGLL,3452.6548,N,07438.8651,W,084423,A*3C

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\$GPRMC,084423,A,3452.6548,N,07438.8651,W,4.8,28.3,060414,11.9,w*79
\$GPVTG,28.3,T,40.2,M,4.8,N,8.9,K*4C
\$GPZDA,084423,06,04,2014,00,00*44
\$GPGBS,084423,,,,,,,,*48
\$GPGGA,084424,3452.6559,N,07438.8645,W,2,10,0.2,11,M,,M,,*66
\$HEHDT,23.7,T*19
PORT 12000 04-06-2014 08:45:14
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PORT 4 04-06-2014 08:45:15
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\$GPRMC,084424,A,3452.6559,N,07438.8645,W,4.8,27.1,060414,11.9,w*76
\$GPVTG,27.1,T,39.0,M,4.8,N,8.9,K*4D
\$GPZDA,084424,06,04,2014,00,00*43
\$GPGBS,084424,,,,,,,,*4F
\$GPGGA,084425,3452.6573,N,07438.8640,W,2,10,0.2,11,M,,M,,*6A
\$HEHDT,23.9,T*17

PORT 4 04-06-2014 08:45:16
\$GPGLL,3452.6573,N,07438.8640,W,084425,A*32
\$GPRMC,084425,A,3452.6573,N,07438.8640,W,4.9,25.0,060414,11.9,w*78
\$HEHDT,23.8,T*16
\$GPVTG,25.0,T,36.9,M,4.9,N,9.1,K*40
\$GPZDA,084425,06,04,2014,00,00*42
\$GPGBS,084425,,,,,,,,*4E
\$GPGGA,084426,3452.6588,N,07438.8635,W,2,10,0.2,11,M,,M,,*6F
\$HEHDT,23.8,T*16

PORT 4 04-06-2014 08:45:17
\$GPGLL,3452.6588,N,07438.8635,W,084426,A*37
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\$GPVTG,23.7,T,35.6,M,4.9,N,9.1,K*4D
\$HEHDT,23.5,T*1B
\$GPZDA,084426,06,04,2014,00,00*41
\$GPGBS,084426,,,,,,,,*4D
\$GPGGA,084427,3452.6599,N,07438.8628,W,2,10,0.2,11,M,,M,,*62

PORT 4 04-06-2014 08:45:18
\$HEHDT,23.4,T*1A
\$GPGLL,3452.6599,N,07438.8628,W,084427,A*3A
\$GPRMC,084427,A,3452.6599,N,07438.8628,W,4.8,23.7,060414,11.9,w*70
\$GPVTG,23.7,T,35.6,M,4.8,N,8.9,K*45
\$GPZDA,084427,06,04,2014,00,00*40
\$HEHDT,23.2,T*1C
\$GPGBS,084427,,,,,,,,*4C
\$GPGGA,084428,3452.6609,N,07438.8621,W,2,10,0.2,11,M,,M,,*6E

PORT 4 04-06-2014 08:45:19
\$HEHDT,23.0,T*1E
\$GPGLL,3452.6609,N,07438.8621,W,084428,A*36
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\$GPVTG,24.5,T,36.4,M,4.8,N,8.9,K*41
\$GPZDA,084428,06,04,2014,00,00*4F
\$GPGBS,084428,,,,,,,,*43
\$GPGGA,084429,3452.6620,N,07438.8612,W,2,10,0.2,11,M,,M,,*64
\$HEHDT,23.3,T*1D

PORT 4 04-06-2014 08:45:20
\$GPGLL,3452.6620,N,07438.8612,W,084429,A*3C
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\$GPRMC,084429,A,3452.6620,N,07438.8612,W,4.8,25.4,060414,11.9,w*73
\$GPVTG,25.4,T,37.3,M,4.8,N,8.9,K*47

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\$HEHDT,23.1,T*1F

PORT 5 04-06-2014 08:45:22
IN
PORT 4 04-06-2014 08:45:22
\$GPGLL,3452.6620,N,07438.8612,w,084429,A*3C
\$HEHDT,22.8,T*17
\$GPRMC,084429,A,3452.6620,N,07438.8612,w,4.8,25.4,060414,11.9,w*73
\$GPVTG,25.4,T,37.3,M,4.8,N,8.9,K*47
\$GPZDA,084429,06,04,2014,00,00*4E
\$GPGBS,084429,,,,,,*42
\$GPGGA,084430,3452.6634,N,07438.8604,w,2,10,0.2,11,M,,M,,*6E
\$HEHDT,23.1,T*1F
\$GPGLL,3452.6634,N,07438.8604,w,084430,A*36
\$GPRMC,084430,A,3452.6634,N,07438.8604,w,4.8,26.2,060414,11.9,w*7C
\$HEHDT,23.0,T*1E
\$GPVTG,26.2,T,38.1,M,4.8,N,8.9,K*4F
\$GPZDA,084430,06,04,2014,00,00*46
\$GPGBS,084430,,,,,,*4A
\$GPGGA,084431,3452.6646,N,07438.8596,w,2,10,0.2,11,M,,M,,*62
\$HEHDT,23.1,T*1F
\$GPGLL,3452.6646,N,07438.8596,w,084431,A*3A
\$GPRMC,084431,A,3452.6646,N,07438.8596,w,4.9,26.2,060414,11.9,w*71
\$HEHDT,23.1,T*1F
\$GPVTG,26.2,T,38.1,M,4.9,N,9.1,K*47
\$GPZDA,084431,06,04,2014,00,00*47
\$GPGBS,084431,,,,,,*4B
\$GPGGA,084432,3452.6659,N,07438.8590,w,2,10,0.2,11,M,,M,,*69

PORT 4 04-06-2014 08:45:23
\$HEHDT,23.2,T*1C
\$GPGLL,3452.6659,N,07438.8590,w,084432,A*31
\$GPRMC,084432,A,3452.6659,N,07438.8590,w,4.9,25.8,060414,11.9,w*73
\$GPVTG,25.8,T,37.7,M,4.9,N,9.1,K*47
\$GPZDA,084432,06,04,2014,00,00*44
\$HEHDT,23.3,T*1D
\$GPGBS,084432,,,,,,*48
\$GPGGA,084433,3452.6671,N,07438.8584,w,2,10,0.3,11,M,,M,,*66

PORT 4 04-06-2014 08:45:24
\$HEHDT,23.6,T*18
\$GPGLL,3452.6671,N,07438.8584,w,084433,A*3F
\$GPRMC,084433,A,3452.6671,N,07438.8584,w,4.8,25.0,060414,11.9,w*74
\$GPVTG,25.0,T,36.9,M,4.8,N,8.9,K*48
\$HEHDT,23.6,T*18
\$GPZDA,084433,06,04,2014,00,00*45
\$GPGBS,084433,,,,,,*49
\$GPGGA,084434,3452.6685,N,07438.8580,w,2,9,0.3,11,M,,M,,*56
PORT 12000 04-06-2014 08:45:24
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PORT 5 04-06-2014 08:45:25
04044 mS
*
PORT 4 04-06-2014 08:45:25
\$GPGLL,3452.6685,N,07438.8580,w,084434,A*37
\$HEHDT,23.2,T*1C
\$GPRMC,084434,A,3452.6685,N,07438.8580,w,4.8,25.0,060414,11.9,w*7C
\$GPVTG,25.0,T,36.9,M,4.8,N,8.9,K*48
\$GPZDA,084434,06,04,2014,00,00*42

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\$GPGBS,084434,004.9,002.4,002.1,26,0.05,0013.5,012.5*46
\$GPGGA,084435,3452.6696,N,07438.8573,W,2,9,0.2,11,M,,M,,*58
\$HEHDT,23.0,T*1E

PORT 4 04-06-2014 08:45:26
\$GPGLL,3452.6696,N,07438.8573,W,084435,A*38
\$GPRMC,084435,A,3452.6696,N,07438.8573,W,4.8,24.0,060414,11.9,w*72
\$HEHDT,22.6,T*19
\$GPVTG,24.0,T,35.9,M,4.8,N,8.9,K*4A
\$GPZDA,084435,06,04,2014,00,00*43
\$GPGBS,084435,,,,,,,,*4F
\$GPGGA,084436,3452.6709,N,07438.8566,W,2,10,0.2,11,M,,M,,*60
\$HEHDT,22.7,T*18

PORT 4 04-06-2014 08:45:27
\$GPGLL,3452.6709,N,07438.8566,W,084436,A*38
\$GPRMC,084436,A,3452.6709,N,07438.8566,W,4.9,23.8,060414,11.9,w*7C
\$HEHDT,22.4,T*1B
\$GPVTG,23.8,T,35.7,M,4.9,N,9.1,K*43
\$GPZDA,084436,06,04,2014,00,00*40
\$GPGBS,084436,,,,,,,,*4C
\$GPGGA,084437,3452.6720,N,07438.8559,W,2,10,0.2,11,M,,M,,*66
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PORT 4 04-06-2014 08:45:28
\$GPGLL,3452.6720,N,07438.8559,W,084437,A*3E
\$GPRMC,084437,A,3452.6720,N,07438.8559,W,4.8,23.6,060414,11.9,w*75
\$GPVTG,23.6,T,35.5,M,4.8,N,8.9,K*47
\$HEHDT,23.1,T*1F
\$GPZDA,084437,06,04,2014,00,00*41
\$GPGBS,084437,,,,,,,,*4D
\$GPGGA,084438,3452.6732,N,07438.8553,W,2,10,0.3,11,M,,M,,*61
\$HEHDT,23.3,T*1D
\$GPGLL,3452.6732,N,07438.8553,W,084438,A*38
\$GPRMC,084438,A,3452.6732,N,07438.8553,W,4.8,23.6,060414,11.9,w*73
\$GPVTG,23.6,T,35.5,M,4.8,N,8.9,K*47
\$GPZDA,084438,06,04,2014,00,00*4E
\$GPGBS,084438,,,,,,,,*42
\$HEHDT,23.6,T*18
\$GPGGA,084439,3452.6743,N,07438.8545,W,2,10,0.3,11,M,,M,,*61

PORT 4 04-06-2014 08:45:30
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\$GPGLL,3452.6743,N,07438.8545,W,084439,A*38
\$GPRMC,084439,A,3452.6743,N,07438.8545,W,4.8,24.4,060414,11.9,w*76
\$GPVTG,24.4,T,36.3,M,4.8,N,8.9,K*47
\$GPZDA,084439,06,04,2014,00,00*4F
\$GPGBS,084439,,,,,,,,*43
\$GPGGA,084440,3452.6754,N,07438.8536,W,2,9,0.2,11,M,,M,,*54
\$HEHDT,23.6,T*18

PORT 4 04-06-2014 08:45:31
\$GPGLL,3452.6754,N,07438.8536,W,084440,A*34
\$HEHDT,23.3,T*1D
\$GPRMC,084440,A,3452.6754,N,07438.8536,W,4.8,26.1,060414,11.9,w*7D
\$GPVTG,26.1,T,38.0,M,4.8,N,8.9,K*4D
\$GPZDA,084440,06,04,2014,00,00*41
\$GPGBS,084440,,,,,,,,*4D
\$GPGGA,084441,3452.6767,N,07438.8526,W,2,9,0.3,11,M,,M,,*55
\$HEHDT,23.6,T*18

PORT 4 04-06-2014 08:45:32
\$GPGLL,3452.6767,N,07438.8526,W,084441,A*34

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\$GPRMC,084441,A,3452.6767,N,07438.8526,W,4.9,26.9,060414,11.9,w*74
\$HEHDT,23.4,T*1A
\$GPVTG,26.9,T,38.8,M,4.9,N,9.1,K*45
\$GPZDA,084441,06,04,2014,00,00*40
\$GPGBS,084441,,,,,,,,*4C
\$GPGGA,084442,3452.6779,N,07438.8519,W,2,9,0.3,11,M,,M,,*55
\$HEHDT,23.6,T*18

PORT 4 04-06-2014 08:45:33
\$GPGLL,3452.6779,N,07438.8519,W,084442,A*34
\$GPRMC,084442,A,3452.6779,N,07438.8519,W,4.9,26.9,060414,11.9,w*74
\$GPVTG,26.9,T,38.8,M,4.9,N,9.1,K*45
\$HEHDT,23.0,T*1E
\$GPZDA,084442,06,04,2014,00,00*43
\$GPGBS,084442,,,,,,,,*4F
\$GPGGA,084443,3452.6790,N,07438.8512,W,2,9,0.2,11,M,,M,,*59

PORT 4 04-06-2014 08:45:34
\$HEHDT,22.9,T*16
\$GPGLL,3452.6790,N,07438.8512,W,084443,A*39
\$GPRMC,084443,A,3452.6790,N,07438.8512,W,4.9,26.9,060414,11.9,w*79
\$GPVTG,26.9,T,38.8,M,4.9,N,9.1,K*45
\$GPZDA,084443,06,04,2014,00,00*42
\$GPGBS,084443,,,,,,,,*4E
\$HEHDT,22.8,T*17
\$GPGGA,084444,3452.6804,N,07438.8508,W,2,9,0.3,11,M,,M,,*56
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PORT 4 04-06-2014 08:45:35
\$HEHDT,22.7,T*18
\$GPGLL,3452.6804,N,07438.8508,W,084444,A*37
\$GPRMC,084444,A,3452.6804,N,07438.8508,W,4.9,24.6,060414,11.9,w*7A
\$GPVTG,24.6,T,36.5,M,4.9,N,9.1,K*4B
\$GPZDA,084444,06,04,2014,00,00*45
\$GPGBS,084444,,,,,,,,*49
\$GPGGA,084445,3452.6816,N,07438.8503,W,2,9,0.3,11,M,,M,,*5F
\$HEHDT,23.2,T*1C

PORT 4 04-06-2014 08:45:36
\$HEHDT,23.2,T*1C
\$GPGLL,3452.6816,N,07438.8503,W,084445,A*3E
\$GPRMC,084445,A,3452.6816,N,07438.8503,W,4.9,23.3,060414,11.9,w*71
\$GPVTG,23.3,T,35.2,M,4.9,N,9.1,K*4D
\$GPZDA,084445,06,04,2014,00,00*44
\$GPGBS,084445,,,,,,,,*48
\$GPGGA,084446,3452.6829,N,07438.8496,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,23.6,T*18

PORT 4 04-06-2014 08:45:37
\$GPGLL,3452.6829,N,07438.8496,W,084446,A*3C
\$GPRMC,084446,A,3452.6829,N,07438.8496,W,4.8,23.2,060414,11.9,w*73
\$HEHDT,22.8,T*17
\$GPVTG,23.2,T,35.1,M,4.8,N,8.9,K*47
\$GPZDA,084446,06,04,2014,00,00*47
\$GPGBS,084446,,,,,,,,*4B
\$GPGGA,084447,3452.6840,N,07438.8489,W,2,9,0.3,11,M,,M,,*5D
\$HEHDT,22.8,T*17

PORT 4 04-06-2014 08:45:38
\$GPGLL,3452.6840,N,07438.8489,W,084447,A*3C
\$GPRMC,084447,A,3452.6840,N,07438.8489,W,4.8,23.2,060414,11.9,w*73
\$HEHDT,22.4,T*1B

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\$GPVTG,23.2,T,35.1,M,4.8,N,8.9,K*47
\$GPZDA,084447,06,04,2014,00,00*46
\$GPGBS,084447,,,,,,,,*4A
\$GPGGA,084448,3452.6852,N,07438.8482,W,2,10,0.2,11,M,,M,,*63
\$HEHDT,22.4,T*1B

PORT 4 04-06-2014 08:45:39
\$GPGLL,3452.6852,N,07438.8482,W,084448,A*3B
\$GPRMC,084448,A,3452.6852,N,07438.8482,W,4.8,23.5,060414,11.9,W*73
\$GPVTG,23.5,T,35.4,M,4.8,N,8.9,K*45
\$HEHDT,22.9,T*16
\$GPZDA,084448,06,04,2014,00,00*49
\$GPGBS,084448,,,,,,,,*45
\$GPGGA,084449,3452.6865,N,07438.8474,W,2,10,0.2,11,M,,M,,*6F

PORT 4 04-06-2014 08:45:40
\$HEHDT,23.0,T*1E
\$GPGLL,3452.6865,N,07438.8474,W,084449,A*37
\$GPRMC,084449,A,3452.6865,N,07438.8474,W,4.8,24.0,060414,11.9,W*7D
\$GPVTG,24.0,T,35.9,M,4.8,N,8.9,K*4A
\$GPZDA,084449,06,04,2014,00,00*48
\$GPGBS,084449,,,,,,,,*44
\$GPGGA,084450,3452.6877,N,07438.8467,W,2,10,0.2,11,M,,M,,*66
\$HEHDT,23.3,T*1D

PORT 4 04-06-2014 08:45:41
\$HEHDT,23.4,T*1A
\$GPGLL,3452.6877,N,07438.8467,W,084450,A*3E
\$GPRMC,084450,A,3452.6877,N,07438.8467,W,4.9,24.6,060414,11.9,W*73
\$GPVTG,24.6,T,36.5,M,4.9,N,9.1,K*4B
\$GPZDA,084450,06,04,2014,00,00*40
\$GPGBS,084450,,,,,,,,*4C
\$GPGGA,084451,3452.6890,N,07438.8459,W,2,10,0.2,11,M,,M,,*63
\$HEHDT,23.7,T*19

PORT 4 04-06-2014 08:45:42
\$GPGLL,3452.6890,N,07438.8459,W,084451,A*3B
\$HEHDT,23.2,T*1C
\$GPRMC,084451,A,3452.6890,N,07438.8459,W,4.9,24.6,060414,11.9,W*76
\$GPVTG,24.6,T,36.5,M,4.9,N,9.1,K*4B
\$GPZDA,084451,06,04,2014,00,00*41
\$GPGBS,084451,,,,,,,,*4D
\$GPGGA,084452,3452.6902,N,07438.8450,W,2,10,0.2,11,M,,M,,*63
\$HEHDT,23.2,T*1C

PORT 4 04-06-2014 08:45:43
\$GPGLL,3452.6902,N,07438.8450,W,084452,A*3B
\$GPRMC,084452,A,3452.6902,N,07438.8450,W,4.9,25.0,060414,11.9,W*71
\$HEHDT,22.6,T*19
\$GPVTG,25.0,T,36.9,M,4.9,N,9.1,K*40
\$GPZDA,084452,06,04,2014,00,00*42
\$GPGBS,084452,,,,,,,,*4E
\$GPGGA,084453,3452.6913,N,07438.8442,W,2,10,0.2,11,M,,M,,*61
\$HEHDT,22.6,T*19

PORT 4 04-06-2014 08:45:44
\$GPGLL,3452.6913,N,07438.8442,W,084453,A*39
\$GPRMC,084453,A,3452.6913,N,07438.8442,W,4.9,26.2,060414,11.9,W*72
\$GPVTG,26.2,T,38.1,M,4.9,N,9.1,K*47
\$GPZDA,084453,06,04,2014,00,00*43
\$HEHDT,22.3,T*1C
\$GPGBS,084453,,,,,,,,*4F
\$GPGGA,084454,3452.6927,N,07438.8437,W,2,10,0.2,11,M,,M,,*63

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\$HEHDT,22.6,T*19
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PORT 4 04-06-2014 08:45:45
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\$GPRMC,084454,A,3452.6927,N,07438.8437,W,4.9,26.3,060414,11.9,W*71
\$GPVTG,26.3,T,38.2,M,4.9,N,9.1,K*45
\$GPZDA,084454,06,04,2014,00,00*44
\$HEHDT,23.3,T*1D
\$GPGBS,084454,,,,,,,,*48
\$GPGGA,084455,3452.6940,N,07438.8432,W,2,10,0.2,11,M,,M,,*66
\$HEHDT,23.1,T*1F
\$GPGLL,3452.6940,N,07438.8432,W,084455,A*3E
\$GPRMC,084455,A,3452.6940,N,07438.8432,W,4.9,25.2,060414,11.9,W*76
\$GPVTG,25.2,T,37.1,M,4.9,N,9.1,K*4B
\$GPZDA,084455,06,04,2014,00,00*45
\$GPGBS,084455,,,,,,,,*49
\$GPGGA,084456,3452.6953,N,07438.8427,W,2,9,0.3,11,M,,M,,*5A
\$HEHDT,23.2,T*1C

PORT 4 04-06-2014 08:45:46
\$GPGLL,3452.6953,N,07438.8427,W,084456,A*3B
\$HEHDT,23.2,T*1C
\$GPRMC,084456,A,3452.6953,N,07438.8427,W,4.9,24.1,060414,11.9,W*71
\$GPVTG,24.1,T,36.0,M,4.9,N,9.1,K*49
\$GPZDA,084456,06,04,2014,00,00*46
\$GPGBS,084456,,,,,,,,*4A
\$GPGGA,084457,3452.6953,N,07438.8427,W,2,9,0.3,11,M,,M,,*5B
\$HEHDT,23.1,T*1F

PORT 4 04-06-2014 08:45:48
\$GPGLL,3452.6953,N,07438.8427,W,084457,A*3A
\$GPRMC,084457,A,3452.6953,N,07438.8427,W,4.9,23.3,060414,11.9,W*75
\$HEHDT,23.2,T*1C
\$GPVTG,23.3,T,35.2,M,4.9,N,9.1,K*4D
\$GPZDA,084457,06,04,2014,00,00*47
\$GPGBS,084457,,,,,,,,*4B
\$GPGGA,084458,3452.6978,N,07438.8415,W,2,7,0.3,11,M,,M,,*52
\$HEHDT,23.1,T*1F

PORT 4 04-06-2014 08:45:49
\$GPGLL,3452.6978,N,07438.8415,W,084458,A*3D
\$GPRMC,084458,A,3452.6978,N,07438.8415,W,4.9,22.7,060414,11.9,W*77
\$GPVTG,22.7,T,34.6,M,4.9,N,9.1,K*4D
\$HEHDT,23.2,T*1C
\$GPZDA,084458,06,04,2014,00,00*48
\$GPGBS,084458,,,,,,,,*44
\$GPGGA,084459,3452.6991,N,07438.8409,W,2,7,0.3,11,M,,M,,*59
\$HEHDT,23.4,T*1A

PORT 4 04-06-2014 08:45:50
\$GPGLL,3452.6991,N,07438.8409,W,084459,A*36
\$GPRMC,084459,A,3452.6991,N,07438.8409,W,4.9,22.7,060414,11.9,W*7C
\$GPVTG,22.7,T,34.6,M,4.9,N,9.1,K*4D
\$HEHDT,23.3,T*1D
\$GPZDA,084459,06,04,2014,00,00*49
\$GPGBS,084459,,,,,,,,*45
\$GPGGA,084500,3452.7003,N,07438.8401,W,2,6,0.3,11,M,,M,,*5E

PORT 4 04-06-2014 08:45:51
\$HEHDT,23.7,T*19
\$GPGLL,3452.7003,N,07438.8401,W,084500,A*30

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\$GPRMC,084500,A,3452.7003,N,07438.8401,W,4.9,23.1,060414,11.9,w*7D
\$GPVTG,23.1,T,35.0,M,4.9,N,9.1,K*4D
\$GPZDA,084500,06,04,2014,00,00*44
\$GPGBS,084500,,,,,,,,*48
\$HEHDT,23.4,T*1A
\$GPGGA,084501,3452.7016,N,07438.8393,W,2,6,0.3,11,M,,M,,*57

PORT 4 04-06-2014 08:45:52
\$HEHDT,23.5,T*1B
\$GPGLL,3452.7016,N,07438.8393,W,084501,A*39
\$GPRMC,084501,A,3452.7016,N,07438.8393,W,4.9,23.7,060414,11.9,w*72
\$GPVTG,23.7,T,35.6,M,4.9,N,9.1,K*4D
\$GPZDA,084501,06,04,2014,00,00*45
\$GPGBS,084501,,,,,,,,*49
\$GPGGA,084502,3452.7029,N,07438.8385,W,2,6,0.3,11,M,,M,,*5F
\$HEHDT,23.6,T*18

PORT 4 04-06-2014 08:45:53
\$GPGLL,3452.7029,N,07438.8385,W,084502,A*31
\$HEHDT,24.0,T*19
\$GPRMC,084502,A,3452.7029,N,07438.8385,W,5.0,24.7,060414,11.9,w*75
\$GPVTG,24.7,T,36.6,M,5.0,N,9.3,K*43
\$GPZDA,084502,06,04,2014,00,00*46
\$GPGBS,084502,,,,,,,,*4A
\$GPGGA,084503,3452.7042,N,07438.8379,W,2,6,0.3,11,M,,M,,*50
\$HEHDT,23.8,T*16

PORT 4 04-06-2014 08:45:54
\$GPGLL,3452.7042,N,07438.8379,W,084503,A*3E
\$GPRMC,084503,A,3452.7042,N,07438.8379,W,5.0,25.2,060414,11.9,w*7E
\$HEHDT,24.0,T*19
\$GPVTG,25.2,T,37.1,M,5.0,N,9.3,K*41
\$GPZDA,084503,06,04,2014,00,00*47
\$GPGBS,084503,,,,,,,,*4B
\$GPGGA,084504,3452.7054,N,07438.8372,W,2,6,0.3,11,M,,M,,*5B
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PORT 4 04-06-2014 08:45:55
\$GPGLL,3452.7054,N,07438.8372,W,084504,A*35
\$GPRMC,084504,A,3452.7054,N,07438.8372,W,4.9,25.5,060414,11.9,w*7A
\$GPVTG,25.5,T,37.4,M,4.9,N,9.1,K*49
\$HEHDT,24.2,T*1B
\$GPZDA,084504,06,04,2014,00,00*40
\$GPGBS,084504,,,,,,,,*4C
\$GPGGA,084505,3452.7068,N,07438.8366,W,2,6,0.3,11,M,,M,,*50
\$HEHDT,23.9,T*17

PORT 4 04-06-2014 08:45:56
\$GPGLL,3452.7068,N,07438.8366,W,084505,A*3E
\$GPRMC,084505,A,3452.7068,N,07438.8366,W,4.9,26.1,060414,11.9,w*76
\$GPVTG,26.1,T,38.0,M,4.9,N,9.1,K*45
\$GPZDA,084505,06,04,2014,00,00*41
\$GPGBS,084505,,,,,,,,*4D
\$HEHDT,24.1,T*18
\$GPGGA,084506,3452.7081,N,07438.8361,W,2,7,0.3,11,M,,M,,*52

PORT 4 04-06-2014 08:45:57
\$HEHDT,24.1,T*18
\$GPGLL,3452.7081,N,07438.8361,W,084506,A*3D
\$GPRMC,084506,A,3452.7081,N,07438.8361,W,4.9,25.4,060414,11.9,w*73
\$GPVTG,25.4,T,37.3,M,4.9,N,9.1,K*4F

S01_C04_survey.Log

\$GPZDA,084506,06,04,2014,00,00*42
\$GPGBS,084506,,,,,,,,*4E
\$GPGGA,084507,3452.7094,N,07438.8356,W,2,7,0.3,11,M,,M,,*53
\$HEHDT,24.4,T*1D

PORT 4 04-06-2014 08:45:58
\$GPGLL,3452.7094,N,07438.8356,W,084507,A*3C
\$HEHDT,24.4,T*1D
\$GPRMC,084507,A,3452.7094,N,07438.8356,W,4.9,24.3,060414,11.9,W*74
\$GPVTG,24.3,T,36.2,M,4.9,N,9.1,K*49
\$GPZDA,084507,06,04,2014,00,00*43
\$GPGBS,084507,,,,,,,,*4F
\$GPGGA,084508,3452.7108,N,07438.8350,W,2,9,0.3,11,M,,M,,*50
\$HEHDT,24.4,T*1D

PORT 4 04-06-2014 08:45:59
\$GPGLL,3452.7108,N,07438.8350,W,084508,A*31
\$GPRMC,084508,A,3452.7108,N,07438.8350,W,4.9,23.3,060414,11.9,W*7E
\$HEHDT,24.8,T*11
\$GPVTG,23.3,T,35.2,M,4.9,N,9.1,K*4D
\$GPZDA,084508,06,04,2014,00,00*4C
\$GPGBS,084508,,,,,,,,*40
\$GPGGA,084509,3452.7119,N,07438.8343,W,2,9,0.2,11,M,,M,,*52
\$HEHDT,24.4,T*1D

PORT 4 04-06-2014 08:46:00
\$GPGLL,3452.7119,N,07438.8343,W,084509,A*32
\$GPRMC,084509,A,3452.7119,N,07438.8343,W,5.0,22.6,060414,11.9,W*71
\$HEHDT,24.6,T*1F
\$GPVTG,22.6,T,34.5,M,5.0,N,9.3,K*45
\$GPZDA,084509,06,04,2014,00,00*4D
\$GPGBS,084509,,,,,,,,*41
\$GPGGA,084510,3452.7132,N,07438.8333,W,2,10,0.2,11,M,,M,,*6C
\$HEHDT,24.2,T*1B

PORT 4 04-06-2014 08:46:01
\$GPGLL,3452.7132,N,07438.8333,W,084510,A*34
\$GPRMC,084510,A,3452.7132,N,07438.8333,W,5.0,22.9,060414,11.9,W*78
\$GPVTG,22.9,T,34.8,M,5.0,N,9.3,K*47
\$GPZDA,084510,06,04,2014,00,00*45
\$HEHDT,24.2,T*1B
\$GPGBS,084510,,,,,,,,*49
\$GPGGA,084511,3452.7144,N,07438.8323,W,2,10,0.2,11,M,,M,,*6D
\$HEHDT,24.6,T*1F

PORT 4 04-06-2014 08:46:03
\$GPGLL,3452.7144,N,07438.8323,W,084511,A*35
\$GPRMC,084511,A,3452.7144,N,07438.8323,W,5.0,24.7,060414,11.9,W*71
\$GPVTG,24.7,T,36.6,M,5.0,N,9.3,K*43
\$GPZDA,084511,06,04,2014,00,00*44
\$GPGBS,084511,,,,,,,,*48
\$GPGGA,084512,3452.7155,N,07438.8314,W,2,10,0.2,11,M,,M,,*6A
\$HEHDT,24.6,T*1F
\$GPGLL,3452.7155,N,07438.8314,W,084512,A*32
\$HEHDT,24.9,T*10
\$GPRMC,084512,A,3452.7155,N,07438.8314,W,5.0,26.4,060414,11.9,W*77
\$GPVTG,26.4,T,38.3,M,5.0,N,9.3,K*49
\$GPZDA,084512,06,04,2014,00,00*47
\$GPGBS,084512,,,,,,,,*4B
\$GPGGA,084513,3452.7166,N,07438.8307,W,2,10,0.2,11,M,,M,,*69
\$HEHDT,25.1,T*19

PORT 4 04-06-2014 08:46:04

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\$GPGLL,3452.7166,N,07438.8307,W,084513,A*31
\$HEHDT,25.2,T*1A
\$GPRMC,084513,A,3452.7166,N,07438.8307,W,5.0,27.2,060414,11.9,W*73
\$GPVTG,27.2,T,39.1,M,5.0,N,9.3,K*4D
\$GPZDA,084513,06,04,2014,00,00*46
\$GPGBS,084513,,,,,,,,*4A
\$GPGBA,084514,3452.7180,N,07438.8301,W,2,10,0.2,11,M,,M,,*60
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\$GPGLL,3452.7180,N,07438.8301,W,084514,A*38
\$GPRMC,084514,A,3452.7180,N,07438.8301,W,5.0,27.1,060414,11.9,W*79
\$HEHDT,25.1,T*19
\$GPVTG,27.1,T,39.0,M,5.0,N,9.3,K*4F
\$GPZDA,084514,06,04,2014,00,00*41
\$GPGBS,084514,,,,,,,,*4D
\$GPGBA,084515,3452.7193,N,07438.8294,W,2,10,0.3,11,M,,M,,*6F

PORT 4 04-06-2014 08:46:06
\$HEHDT,25.1,T*19
\$GPGLL,3452.7193,N,07438.8294,W,084515,A*36
\$GPRMC,084515,A,3452.7193,N,07438.8294,W,4.9,26.4,060414,11.9,W*7B
\$GPVTG,26.4,T,38.3,M,4.9,N,9.1,K*43
\$GPZDA,084515,06,04,2014,00,00*40
\$HEHDT,25.0,T*18
\$GPGBS,084515,,,,,,,,*4C
\$GPGBA,084516,3452.7205,N,07438.8287,W,2,9,0.3,11,M,,M,,*5A

PORT 4 04-06-2014 08:46:07
\$HEHDT,25.3,T*1B
\$GPGLL,3452.7205,N,07438.8287,W,084516,A*3B
\$GPRMC,084516,A,3452.7205,N,07438.8287,W,5.0,25.8,060414,11.9,W*71
\$GPVTG,25.8,T,37.7,M,5.0,N,9.3,K*4D
\$GPZDA,084516,06,04,2014,00,00*43
\$GPGBS,084516,,,,,,,,*4F
\$GPGBA,084517,3452.7219,N,07438.8281,W,2,9,0.4,11,M,,M,,*57
\$HEHDT,25.1,T*19

PORT 4 04-06-2014 08:46:08
\$HEHDT,25.0,T*18
\$GPGLL,3452.7219,N,07438.8281,W,084517,A*31
\$GPRMC,084517,A,3452.7219,N,07438.8281,W,5.0,25.0,060414,11.9,W*73
\$GPVTG,25.0,T,36.9,M,5.0,N,9.3,K*4A
\$GPZDA,084517,06,04,2014,00,00*42
\$GPGBS,084517,,,,,,,,*4E
\$GPGBA,084518,3452.7231,N,07438.8273,W,2,7,0.3,11,M,,M,,*56
\$HEHDT,25.1,T*19

PORT 5 04-06-2014 08:46:10
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PORT 4 04-06-2014 08:46:10
\$HEHDT,25.0,T*18
\$GPGLL,3452.7219,N,07438.8281,W,084517,A*31
\$GPRMC,084517,A,3452.7219,N,07438.8281,W,5.0,25.0,060414,11.9,W*73
\$GPVTG,25.0,T,36.9,M,5.0,N,9.3,K*4A
\$GPZDA,084517,06,04,2014,00,00*42
\$GPGBS,084517,,,,,,,,*4E
\$GPGBA,084518,3452.7231,N,07438.8273,W,2,7,0.3,11,M,,M,,*56
\$HEHDT,25.1,T*19
\$GPGLL,3452.7231,N,07438.8273,W,084518,A*39
\$HEHDT,25.2,T*1A

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\$GPRMC,084518,A,3452.7231,N,07438.8273,W,5.1,24.3,060414,11.9,w*78
\$GPVTG,24.3,T,36.2,M,5.1,N,9.4,K*45
\$GPZDA,084518,06,04,2014,00,00*4D
\$GPGBS,084518,,,,,,,,*41
\$GPGGA,084519,3452.7242,N,07438.8264,W,2,7,0.4,11,M,,M,,*52
\$HEHDT,25.1,T*19
\$GPGLL,3452.7242,N,07438.8264,W,084519,A*3A
\$GPRMC,084519,A,3452.7242,N,07438.8264,W,5.1,24.9,060414,11.9,w*71
\$HEHDT,25.5,T*1D
\$GPVTG,24.9,T,36.8,M,5.1,N,9.4,K*45
\$GPZDA,084519,06,04,2014,00,00*4C
\$GPGBS,084519,,,,,,,,*40
\$GPGGA,084520,3452.7255,N,07438.8255,W,2,6,0.4,11,M,,M,,*5D
\$HEH

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PORT 4 04-06-2014 08:46:11

\$HEHDT,25.0,T*18
\$GPGLL,3452.7219,N,07438.8281,W,084517,A*31
\$GPRMC,084517,A,3452.7219,N,07438.8281,W,5.0,25.0,060414,11.9,w*73
\$GPVTG,25.0,T,36.9,M,5.0,N,9.3,K*4A
\$GPZDA,084517,06,04,2014,00,00*42
\$GPGBS,084517,,,,,,,,*4E
\$GPGGA,084518,3452.7231,N,07438.8273,W,2,7,0.3,11,M,,M,,*56
\$HEHDT,25.1,T*19
\$GPGLL,3452.7231,N,07438.8273,W,084518,A*39
\$HEHDT,25.2,T*1A
\$GPRMC,084518,A,3452.7231,N,07438.8273,W,5.1,24.3,060414,11.9,w*78
\$GPVTG,24.3,T,36.2,M,5.1,N,9.4,K*45
\$GPZDA,084518,06,04,2014,00,00*4D
\$GPGBS,084518,,,,,,,,*41
\$GPGGA,084519,3452.7242,N,07438.8264,W,2,7,0.4,11,M,,M,,*52
\$HEHDT,25.1,T*19
\$GPGLL,3452.7242,N,07438.8264,W,084519,A*3A
\$GPRMC,084519,A,3452.7242,N,07438.8264,W,5.1,24.9,060414,11.9,w*71
\$HEHDT,25.5,T*1D
\$GPVTG,24.9,T,36.8,M,5.1,N,9.4,K*45
\$GPZDA,084519,06,04,2014,00,00*4C
\$GPGBS,084519,,,,,,,,*40
\$GPGGA,084520,3452.7255,N,07438.8255,W,2,6,0.4,11,M,,M,,*5D
\$HEHDT,25.2,T*1A
\$GPGLL,3452.7255,N,07438.8255,W,084520,A*34
\$GPRMC,084520,A,3452.7255,N,07438.8255,W,5.1,26.0,060414,11.9,w*74
\$GPVTG,26.0,T,37.9,M,5.1,N,9.4,K*4E
\$HEHDT,25.5,T*1D
\$GPZDA,084520,06,04,2014,00,00*46
\$GPGBS,084520,,,,,,,,*4A
\$GPGGA,084521,3452.7267,N,07438.8246,W,2,6,0.3,11,M,,M,,*58

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PORT 4 04-06-2014 08:46:12

\$HEHDT,25.3,T*1B
\$GPGLL,3452.7267,N,07438.8246,W,084521,A*36
\$GPRMC,084521,A,3452.7267,N,07438.8246,W,5.1,26.9,060414,11.9,w*7F
\$GPVTG,26.9,T,38.8,M,5.1,N,9.4,K*49
\$GPZDA,084521,06,04,2014,00,00*47
\$GPGBS,084521,,,,,,,,*4B
\$HEHDT,25.8,T*10
\$GPGGA,084522,3452.7281,N,07438.8238,W,2,6,0.4,11,M,,M,,*5D

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PORT 5 04-06-2014 08:46:13

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PORT 4 04-06-2014 08:46:13

\$HEHDT,25.4,T*1C

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\$GPGLL,3452.7281,N,07438.8238,W,084522,A*34
\$GPRMC,084522,A,3452.7281,N,07438.8238,W,5.1,27.1,060414,11.9,w*74
\$GPVTG,27.1,T,39.0,M,5.1,N,9.4,K*49
\$GPZDA,084522,06,04,2014,00,00*44
\$GPGBS,084522,,,,,,,,*48
\$GPGGA,084523,3452.7292,N,07438.8231,W,2,6,0.4,11,M,,M,,*57
\$HEHDT,25.7,T*1F

PORT 4 04-06-2014 08:46:14
\$GPGLL,3452.7292,N,07438.8231,W,084523,A*3E
\$HEHDT,25.4,T*1C
\$GPRMC,084523,A,3452.7292,N,07438.8231,W,5.1,26.8,060414,11.9,w*76
\$GPVTG,26.8,T,38.7,M,5.1,N,9.4,K*47
\$GPZDA,084523,06,04,2014,00,00*45
\$GPGBS,084523,,,,,,,,*49
\$GPGGA,084524,3452.7305,N,07438.8223,W,2,6,0.4,11,M,,M,,*5C
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PORT 12000 04-06-2014 08:46:14
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PORT 4 04-06-2014 08:46:15
\$GPGLL,3452.7305,N,07438.8223,W,084524,A*35
\$GPRMC,084524,A,3452.7305,N,07438.8223,W,5.0,26.6,060414,11.9,w*72
\$HEHDT,25.5,T*1D
\$GPVTG,26.6,T,38.5,M,5.0,N,9.3,K*4D
\$GPZDA,084524,06,04,2014,00,00*42
\$GPGBS,084524,,,,,,,,*4E
\$GPGGA,084525,3452.7318,N,07438.8215,W,2,6,0.4,11,M,,M,,*54
\$HEHDT,25.6,T*1E

PORT 4 04-06-2014 08:46:16
\$GPGLL,3452.7318,N,07438.8215,W,084525,A*3D
\$GPRMC,084525,A,3452.7318,N,07438.8215,W,5.0,26.6,060414,11.9,w*7A
\$GPVTG,26.6,T,38.5,M,5.0,N,9.3,K*4D
\$HEHDT,25.5,T*1D
\$GPZDA,084525,06,04,2014,00,00*43
\$GPGBS,084525,,,,,,,,*4F
\$GPGGA,084526,3452.7332,N,07438.8207,W,2,6,0.4,11,M,,M,,*5C
\$HEHDT,26.0,T*1B

PORT 4 04-06-2014 08:46:17
\$GPGLL,3452.7332,N,07438.8207,W,084526,A*35
\$GPRMC,084526,A,3452.7332,N,07438.8207,W,5.0,26.7,060414,11.9,w*73
\$GPVTG,26.7,T,38.6,M,5.0,N,9.3,K*4F
\$GPZDA,084526,06,04,2014,00,00*40
\$HEHDT,26.0,T*1B
\$GPGBS,084526,,,,,,,,*4C
\$GPGGA,084527,3452.7346,N,07438.8201,W,2,6,0.4,11,M,,M,,*58
\$HEHDT,26.0,T*1B
\$GPGLL,3452.7346,N,07438.8201,W,084527,A*31
\$GPRMC,084527,A,3452.7346,N,07438.8201,W,5.1,26.3,060414,11.9,w*72
\$GPVTG,26.3,T,38.2,M,5.1,N,9.4,K*49
\$GPZDA,084527,06,04,2014,00,00*41
\$GPGBS,084527,,,,,,,,*4D
\$GPGGA,084528,3452.7359,N,07438.8195,W,1,10,0.8,11,M,,M,,*6F
\$HEHDT,26.1,T*1A

PORT 4 04-06-2014 08:46:18
\$GPGLL,3452.7359,N,07438.8195,W,084528,A*3E
\$HEHDT,26.4,T*1F
\$GPRMC,084528,A,3452.7359,N,07438.8195,W,5.1,26.3,060414,11.9,w*7D
\$GPVTG,26.3,T,38.2,M,5.1,N,9.4,K*49
\$GPZDA,084528,06,04,2014,00,00*4E

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\$GPGBS,084528,,,,,,,,*42
\$GPGGA,084529,3452.7371,N,07438.8189,W,1,10,0.8,11,M,,M,,*69
\$HEHDT,26.0,T*1B

PORT 4 04-06-2014 08:46:20
\$GPGLL,3452.7371,N,07438.8189,W,084529,A*38
\$GPRMC,084529,A,3452.7371,N,07438.8189,W,5.1,26.3,060414,11.9,W*7B
\$HEHDT,26.5,T*1E
\$GPVTG,26.3,T,38.2,M,5.1,N,9.4,K*49
\$GPZDA,084529,06,04,2014,00,00*4F
\$GPGBS,084529,,,,,,,,*43
\$GPGGA,084530,3452.7385,N,07438.8179,W,1,10,0.8,11,M,,M,,*65
\$HEHDT,26.2,T*19

PORT 4 04-06-2014 08:46:21
\$GPGLL,3452.7385,N,07438.8179,W,084530,A*34
\$GPRMC,084530,A,3452.7385,N,07438.8179,W,5.1,26.7,060414,11.9,W*73
\$HEHDT,26.2,T*19
\$GPVTG,26.7,T,38.6,M,5.1,N,9.4,K*49
\$GPZDA,084530,06,04,2014,00,00*47
\$GPGBS,084530,,,,,,,,*4B
\$GPGGA,084531,3452.7397,N,07438.8170,W,1,10,1.5,11,M,,M,,*62
\$HEHDT,26.1,T*1A

PORT 4 04-06-2014 08:46:22
\$GPGLL,3452.7397,N,07438.8170,W,084531,A*3F
\$GPRMC,084531,A,3452.7397,N,07438.8170,W,5.1,27.7,060414,11.9,W*79
\$GPVTG,27.7,T,39.6,M,5.1,N,9.4,K*49
\$GPZDA,084531,06,04,2014,00,00*46
\$HEHDT,26.1,T*1A
\$GPGBS,084531,,,,,,,,*4A
\$GPGGA,084532,3452.7408,N,07438.8164,W,1,10,0.8,11,M,,M,,*69

PORT 4 04-06-2014 08:46:23
\$HEHDT,25.8,T*10
\$GPGLL,3452.7408,N,07438.8164,W,084532,A*38
\$GPRMC,084532,A,3452.7408,N,07438.8164,W,5.2,28.2,060414,11.9,W*77
\$GPVTG,28.2,T,40.1,M,5.2,N,9.6,K*4B
\$GPZDA,084532,06,04,2014,00,00*45
\$GPGBS,084532,,,,,,,,*49
\$GPGGA,084533,3452.7419,N,07438.8155,W,1,10,0.8,11,M,,M,,*6A
\$HEHDT,25.8,T*10

PORT 4 04-06-2014 08:46:24
\$HEHDT,26.0,T*1B
\$GPGLL,3452.7419,N,07438.8155,W,084533,A*3B
\$GPRMC,084533,A,3452.7419,N,07438.8155,W,5.1,28.2,060414,11.9,W*77
\$GPVTG,28.2,T,40.1,M,5.1,N,9.4,K*4A
\$GPZDA,084533,06,04,2014,00,00*44
\$GPGBS,084533,,,,,,,,*48
\$GPGGA,084534,3452.7433,N,07438.8147,W,1,10,0.8,11,M,,M,,*66
\$HEHDT,25.7,T*1F
PORT 12000 04-06-2014 08:46:24
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PORT 4 04-06-2014 08:46:25
\$GPGLL,3452.7433,N,07438.8147,W,084534,A*37
\$HEHDT,25.4,T*1C
\$GPRMC,084534,A,3452.7433,N,07438.8147,W,5.0,28.2,060414,11.9,W*7A
\$GPVTG,28.2,T,40.1,M,5.0,N,9.3,K*4C
\$GPZDA,084534,06,04,2014,00,00*43
\$GPGBS,084534,,,,,,,,*4F
\$GPGGA,084535,3452.7448,N,07438.8140,W,2,10,0.4,11,M,,M,,*63

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\$HEHDT,25.6,T*1E

#

PORT 4 04-06-2014 08:46:26

\$GPGLL,3452.7448,N,07438.8140,W,084535,A*3D

\$GPRMC,084535,A,3452.7448,N,07438.8140,W,5.1,28.1,060414,11.9,W*72

\$HEHDT,25.7,T*1F

\$GPVTG,28.1,T,40.0,M,5.1,N,9.4,K*48

\$GPZDA,084535,06,04,2014,00,00*42

\$GPGBS,084535,,,,,,,,*4E

\$GPGBS,084535,3452.7459,N,07438.8133,W,2,6,0.4,11,M,,M,,*53

\$HEHDT,25.8,T*10

#

PORT 4 04-06-2014 08:46:27

\$GPGLL,3452.7459,N,07438.8133,W,084536,A*3A

\$GPRMC,084536,A,3452.7459,N,07438.8133,W,5.1,27.3,060414,11.9,W*78

\$GPVTG,27.3,T,39.2,M,5.1,N,9.4,K*49

\$GPZDA,084536,06,04,2014,00,00*41

\$HEHDT,26.4,T*1F

\$GPGBS,084536,,,,,,,,*4D

\$GPGBS,084537,3452.7471,N,07438.8125,W,2,6,0.3,11,M,,M,,*58

\$HEHDT,26.8,T*13

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PORT 4 04-06-2014 08:46:29

\$GPGLL,3452.7471,N,07438.8125,W,084537,A*36

\$GPRMC,084537,A,3452.7471,N,07438.8125,W,5.0,26.8,060414,11.9,W*7F

\$GPVTG,26.8,T,38.7,M,5.0,N,9.3,K*41

\$HEHDT,26.6,T*1D

\$GPZDA,084537,06,04,2014,00,00*40

\$GPGBS,084537,,,,,,,,*4C

\$GPGBS,084538,3452.7483,N,07438.8116,W,2,9,0.3,11,M,,M,,*55

\$HEHDT,26.7,T*1C

\$GPGLL,3452.7483,N,07438.8116,W,084538,A*34

\$GPRMC,084538,A,3452.7483,N,07438.8116,W,5.0,27.1,060414,11.9,W*75

\$GPVTG,27.1,T,39.0,M,5.0,N,9.3,K*4F

\$GPZDA,084538,06,04,2014,00,00*4F

\$GPGBS,084538,,,,,,,,*43

\$HEHDT,26.4,T*1F

\$GPGBS,084539,3452.7495,N,07438.8105,W,2,9,0.2,11,M,,M,,*50

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PORT 4 04-06-2014 08:46:30

\$GPGLL,3452.7495,N,07438.8105,W,084539,A*30

\$HEHDT,26.2,T*19

\$GPRMC,084539,A,3452.7495,N,07438.8105,W,5.0,28.0,060414,11.9,W*7F

\$GPVTG,28.0,T,39.9,M,5.0,N,9.3,K*48

\$GPZDA,084539,06,04,2014,00,00*4E

\$GPGBS,084539,,,,,,,,*42

\$GPGBS,084540,3452.7508,N,07438.8096,W,2,10,0.2,11,M,,M,,*68

\$HEHDT,26.3,T*18

#

PORT 4 04-06-2014 08:46:31

\$GPGLL,3452.7508,N,07438.8096,W,084540,A*30

\$HEHDT,26.0,T*1B

\$GPRMC,084540,A,3452.7508,N,07438.8096,W,5.1,28.8,060414,11.9,W*76

\$GPVTG,28.8,T,40.7,M,5.1,N,9.4,K*46

\$GPZDA,084540,06,04,2014,00,00*40

\$GPGBS,084540,,,,,,,,*4C

\$GPGBS,084541,3452.7520,N,07438.8089,W,2,10,0.2,11,M,,M,,*6D

\$HEHDT,26.2,T*19

#

PORT 4 04-06-2014 08:46:32

\$GPGLL,3452.7520,N,07438.8089,W,084541,A*35

\$GPRMC,084541,A,3452.7520,N,07438.8089,W,5.1,29.0,060414,11.9,W*7A

\$HEHDT,26.4,T*1F

S01_C04_survey.Log

\$GPVTG,29.0,T,40.9,M,5.1,N,9.4,K*41
\$GPZDA,084541,06,04,2014,00,00*41
\$GPGBS,084541,,,,,*4D
\$GPGGA,084542,3452.7533,N,07438.8082,w,2,10,0.2,11,M,,M,,*67
\$HEHDT,26.1,T*1A

PORT 4 04-06-2014 08:46:33
\$GPGLL,3452.7533,N,07438.8082,w,084542,A*3F
\$GPRMC,084542,A,3452.7533,N,07438.8082,w,5.1,28.5,060414,11.9,w*74
\$GPVTG,28.5,T,40.4,M,5.1,N,9.4,K*48
\$HEHDT,26.3,T*18
\$GPZDA,084542,06,04,2014,00,00*42
\$GPGBS,084542,,,,,*4E
\$GPGGA,084543,3452.7545,N,07438.8074,w,2,10,0.3,11,M,,M,,*6F
\$HEHDT,26.1,T*1A

PORT 4 04-06-2014 08:46:34
\$GPGLL,3452.7545,N,07438.8074,w,084543,A*36
\$GPRMC,084543,A,3452.7545,N,07438.8074,w,5.0,27.7,060414,11.9,w*71
\$GPVTG,27.7,T,39.6,M,5.0,N,9.3,K*4F
\$GPZDA,084543,06,04,2014,00,00*43
\$HEHDT,26.1,T*1A
\$GPGBS,084543,,,,,*4F
\$GPGGA,084544,3452.7558,N,07438.8066,w,2,10,0.2,11,M,,M,,*66
PORT 12000 04-06-2014 08:46:34
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:46:35
\$HEHDT,26.1,T*1A
\$GPGLL,3452.7558,N,07438.8066,w,084544,A*3E
\$GPRMC,084544,A,3452.7558,N,07438.8066,w,5.1,27.1,060414,11.9,w*7E
\$GPVTG,27.1,T,39.0,M,5.1,N,9.4,K*49
\$GPZDA,084544,06,04,2014,00,00*44
\$GPGBS,084544,,,,,*48
\$GPGGA,084545,3452.7569,N,07438.8058,w,2,10,0.2,11,M,,M,,*68
\$HEHDT,26.3,T*18

PORT 4 04-06-2014 08:46:36
\$GPGLL,3452.7569,N,07438.8058,w,084545,A*30
\$HEHDT,25.8,T*10
\$GPRMC,084545,A,3452.7569,N,07438.8058,w,5.1,26.9,060414,11.9,w*79
\$GPVTG,26.9,T,38.8,M,5.1,N,9.4,K*49
\$GPZDA,084545,06,04,2014,00,00*45
\$GPGBS,084545,,,,,*49
\$GPGGA,084546,3452.7581,N,07438.8049,w,2,10,0.2,11,M,,M,,*6D
\$HEHDT,26.0,T*1B

PORT 4 04-06-2014 08:46:37
\$GPGLL,3452.7581,N,07438.8049,w,084546,A*35
\$GPRMC,084546,A,3452.7581,N,07438.8049,w,5.0,27.5,060414,11.9,w*70
\$HEHDT,26.2,T*19
\$GPVTG,27.5,T,39.4,M,5.0,N,9.3,K*4F
\$GPZDA,084546,06,04,2014,00,00*46
\$GPGBS,084546,,,,,*4A
\$GPGGA,084547,3452.7596,N,07438.8041,w,2,10,0.2,11,M,,M,,*62
\$HEHDT,26.2,T*19

PORT 4 04-06-2014 08:46:38
\$GPGLL,3452.7596,N,07438.8041,w,084547,A*3A
\$GPRMC,084547,A,3452.7596,N,07438.8041,w,5.0,27.9,060414,11.9,w*73
\$GPVTG,27.9,T,39.8,M,5.0,N,9.3,K*4F
\$HEHDT,26.1,T*1A
\$GPZDA,084547,06,04,2014,00,00*47

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\$GPGBS,084547,,,,,,,,*4B
\$GPGGA,084548,3452.7609,N,07438.8034,W,2,10,0.2,11,M,,M,,*6A
\$HEHDT,25.7,T*1F

PORT 4 04-06-2014 08:46:39
\$GPGLL,3452.7609,N,07438.8034,W,084548,A*32
\$GPRMC,084548,A,3452.7609,N,07438.8034,W,5.1,27.4,060414,11.9,W*77
\$GPVTG,27.4,T,39.3,M,5.1,N,9.4,K*4F
\$GPZDA,084548,06,04,2014,00,00*48
\$HEHDT,25.8,T*10
\$GPGBS,084548,,,,,,,,*44
\$GPGGA,084549,3452.7620,N,07438.8026,W,2,10,0.2,11,M,,M,,*63
\$HEHDT,25.5,T*1D

PORT 4 04-06-2014 08:46:41
\$GPGLL,3452.7620,N,07438.8026,W,084549,A*3B
\$GPRMC,084549,A,3452.7620,N,07438.8026,W,5.1,27.0,060414,11.9,W*7A
\$GPVTG,27.0,T,38.9,M,5.1,N,9.4,K*40
\$GPZDA,084549,06,04,2014,00,00*49
\$GPGBS,084549,,,,,,,,*45
\$GPGGA,084550,3452.7632,N,07438.8018,W,2,10,0.2,11,M,,M,,*65
\$HEHDT,25.7,T*1F
\$GPGLL,3452.7632,N,07438.8018,W,084550,A*3D
\$HEHDT,25.7,T*1F
\$GPRMC,084550,A,3452.7632,N,07438.8018,W,5.0,27.1,060414,11.9,W*7C
\$GPVTG,27.1,T,39.0,M,5.0,N,9.3,K*4F
\$GPZDA,084550,06,04,2014,00,00*41
\$GPGBS,084550,,,,,,,,*4D
\$GPGGA,084551,3452.7645,N,07438.8008,W,2,10,0.2,11,M,,M,,*65
\$HEHDT,25.6,T*1E

PORT 4 04-06-2014 08:46:42
\$GPGLL,3452.7645,N,07438.8008,W,084551,A*3D
\$GPRMC,084551,A,3452.7645,N,07438.8008,W,5.0,27.7,060414,11.9,W*7A
\$HEHDT,25.8,T*10
\$GPVTG,27.7,T,39.6,M,5.0,N,9.3,K*4F
\$GPZDA,084551,06,04,2014,00,00*40
\$GPGBS,084551,,,,,,,,*4C
\$GPGGA,084552,3452.7657,N,07438.7999,W,2,10,0.2,11,M,,M,,*6B
\$HEHDT,26.2,T*19

PORT 4 04-06-2014 08:46:43
\$GPGLL,3452.7657,N,07438.7999,W,084552,A*33
\$GPRMC,084552,A,3452.7657,N,07438.7999,W,5.0,28.4,060414,11.9,W*78
\$GPVTG,28.4,T,40.3,M,5.0,N,9.3,K*48
\$HEHDT,26.2,T*19
\$GPZDA,084552,06,04,2014,00,00*43
\$GPGBS,084552,,,,,,,,*4F
\$GPGGA,084553,3452.7672,N,07438.7991,W,2,10,0.2,11,M,,M,,*65

PORT 4 04-06-2014 08:46:44
\$HEHDT,26.7,T*1C
\$GPGLL,3452.7672,N,07438.7991,W,084553,A*3D
\$GPRMC,084553,A,3452.7672,N,07438.7991,W,5.1,28.6,060414,11.9,W*75
\$GPVTG,28.6,T,40.5,M,5.1,N,9.4,K*4A
\$GPZDA,084553,06,04,2014,00,00*42
\$HEHDT,26.2,T*19
\$GPGBS,084553,,,,,,,,*4E
\$GPGGA,084554,3452.7683,N,07438.7985,W,2,9,0.3,11,M,,M,,*50
PORT 12000 04-06-2014 08:46:44
\$PPWBA,d2pc15,192.168.2.151,online

PORT 4 04-06-2014 08:46:45

S01_C04_survey.Log

\$HEHDT,25.8,T*10
 \$GPGLL,3452.7683,N,07438.7985,W,084554,A*31
 \$GPRMC,084554,A,3452.7683,N,07438.7985,W,5.1,28.1,060414,11.9,W*7E
 \$GPVTG,28.1,T,40.0,M,5.1,N,9.4,K*48
 \$GPZDA,084554,06,04,2014,00,00*45
 \$GPGBS,084554,,,,,,,,*49
 \$GPGGA,084555,3452.7697,N,07438.7977,W,2,9,0.3,11,M,,M,,*59
 \$HEHDT,25.3,T*1B
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 PORT 4 04-06-2014 08:46:46
 \$GPGLL,3452.7697,N,07438.7977,W,084555,A*38
 \$HEHDT,25.3,T*1B
 \$GPRMC,084555,A,3452.7697,N,07438.7977,W,5.1,27.2,060414,11.9,W*7B
 \$GPVTG,27.2,T,39.1,M,5.1,N,9.4,K*4B
 \$GPZDA,084555,06,04,2014,00,00*44
 \$GPGBS,084555,,,,,,,,*48
 \$GPGGA,084556,3452.7710,N,07438.7968,W,2,9,0.3,11,M,,M,,*5A
 \$HEHDT,25.4,T*1C
 #
 PORT 4 04-06-2014 08:46:47
 \$GPGLL,3452.7710,N,07438.7968,W,084556,A*3B
 \$GPRMC,084556,A,3452.7710,N,07438.7968,W,5.0,27.0,060414,11.9,W*7B
 \$HEHDT,25.6,T*1E
 \$GPVTG,27.0,T,38.9,M,5.0,N,9.3,K*46
 \$GPZDA,084556,06,04,2014,00,00*47
 \$GPGBS,084556,,,,,,,,*4B
 \$GPGGA,084557,3452.7722,N,07438.7959,W,2,9,0.5,11,M,,M,,*5E
 \$HEHDT,25.4,T*1C
 #
 PORT 4 04-06-2014 08:46:48
 \$GPGLL,3452.7722,N,07438.7959,W,084557,A*39
 \$GPRMC,084557,A,3452.7722,N,07438.7959,W,5.1,27.3,060414,11.9,W*7B
 \$HEHDT,25.5,T*1D
 \$GPVTG,27.3,T,39.2,M,5.1,N,9.4,K*49
 \$GPZDA,084557,06,04,2014,00,00*46
 \$GPGBS,084557,,,,,,,,*4A
 \$GPGGA,084558,3452.7736,N,07438.7951,W,2,6,0.5,11,M,,M,,*53
 \$HEHDT,24.9,T*10
 #
 PORT 4 04-06-2014 08:46:49
 \$GPGLL,3452.7736,N,07438.7951,W,084558,A*3B
 \$GPRMC,084558,A,3452.7736,N,07438.7951,W,5.1,27.5,060414,11.9,W*7F
 \$GPVTG,27.5,T,39.4,M,5.1,N,9.4,K*49
 \$GPZDA,084558,06,04,2014,00,00*49
 \$HEHDT,25.0,T*18
 \$GPGBS,084558,,,,,,,,*45
 \$GPGGA,084559,3452.7747,N,07438.7945,W,2,6,0.8,11,M,,M,,*5C
 #
 PORT 4 04-06-2014 08:46:50
 \$HEHDT,24.6,T*1F
 \$GPGLL,3452.7747,N,07438.7945,W,084559,A*39
 \$GPRMC,084559,A,3452.7747,N,07438.7945,W,5.1,27.4,060414,11.9,W*7C
 \$GPVTG,27.4,T,39.3,M,5.1,N,9.4,K*4F
 \$GPZDA,084559,06,04,2014,00,00*48
 \$GPGBS,084559,,,,,,,,*44
 \$GPGGA,084600,3452.7762,N,07438.7937,W,2,4,0.8,11,M,,M,,*53
 \$HEHDT,24.9,T*10
 #
 PORT 4 04-06-2014 08:46:51
 \$HEHDT,25.6,T*1E
 \$GPGLL,3452.7762,N,07438.7937,W,084600,A*34
 \$GPRMC,084600,A,3452.7762,N,07438.7937,W,5.0,27.0,060414,11.9,W*74
 \$GPVTG,27.0,T,38.9,M,5.0,N,9.3,K*46

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\$GPZDA,084600,06,04,2014,00,00*47
\$GPGBS,084600,,,,,,,,*4B
\$GPGGA,084601,3452.7779,N,07438.7929,w,1,4,0.8,11,M,,M,,*54
\$HEHDT,25.6,T*1E

PORT 4 04-06-2014 08:46:52
\$GPGLL,3452.7779,N,07438.7929,w,084601,A*30
\$HEHDT,25.5,T*1D
\$GPRMC,084601,A,3452.7779,N,07438.7929,w,5.0,26.3,060414,11.9,w*72
\$GPVTG,26.3,T,38.2,M,5.0,N,9.3,K*4F
\$GPZDA,084601,06,04,2014,00,00*46
\$GPGBS,084601,,,,,,,,*4A
\$GPGGA,084602,3452.7793,N,07438.7920,w,1,10,0.8,11,M,,M,,*6F
\$HEHDT,25.7,T*1F

PORT 4 04-06-2014 08:46:53
\$GPGLL,3452.7793,N,07438.7920,w,084602,A*3E
\$GPRMC,084602,A,3452.7793,N,07438.7920,w,5.1,25.6,060414,11.9,w*7B
\$HEHDT,25.4,T*1C
\$GPVTG,25.6,T,37.5,M,5.1,N,9.4,K*47
\$GPZDA,084602,06,04,2014,00,00*45
\$GPGBS,084602,,,,,,,,*49
\$GPGGA,084603,3452.7805,N,07438.7910,w,1,10,0.8,11,M,,M,,*6D
\$HEHDT,25.4,T*1C

PORT 4 04-06-2014 08:46:54
\$GPGLL,3452.7805,N,07438.7910,w,084603,A*3C
\$GPRMC,084603,A,3452.7805,N,07438.7910,w,5.0,25.7,060414,11.9,w*79
\$GPVTG,25.7,T,37.6,M,5.0,N,9.3,K*43
\$HEHDT,25.2,T*1A
\$GPZDA,084603,06,04,2014,00,00*44
\$GPGBS,084603,,,,,,,,*48
\$GPGGA,084604,3452.7819,N,07438.7899,w,1,10,0.8,11,M,,M,,*67
\$HEHDT,25.3,T*1B
PORT 12000 04-06-2014 08:46:54
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 5 04-06-2014 08:46:56
IN
PORT 4 04-06-2014 08:46:56
\$GPGLL,3452.7805,N,07438.7910,w,084603,A*3C
\$GPRMC,084603,A,3452.7805,N,07438.7910,w,5.0,25.7,060414,11.9,w*79
\$GPVTG,25.7,T,37.6,M,5.0,N,9.3,K*43
\$HEHDT,25.2,T*1A
\$GPZDA,084603,06,04,2014,00,00*44
\$GPGBS,084603,,,,,,,,*48
\$GPGGA,084604,3452.7819,N,07438.7899,w,1,10,0.8,11,M,,M,,*67
\$HEHDT,25.3,T*1B
\$GPGLL,3452.7819,N,07438.7899,w,084604,A*36
\$GPRMC,084604,A,3452.7819,N,07438.7899,w,5.0,26.7,060414,11.9,w*70
\$GPVTG,26.7,T,38.6,M,5.0,N,9.3,K*4F
\$GPZDA,084604,06,04,2014,00,00*43
\$GPGBS,084604,,,,,,,,*4F
\$HEHDT,25.2,T*1A
\$GPGGA,084605,3452.7831,N,07438.7889,w,1,10,0.8,11,M,,M,,*6D
\$HEHDT,25.4,T*1C
\$GPGLL,3452.7831,N,07438.7889,w,084605,A*3C
\$GPRMC,084605,A,3452.7831,N,07438.7889,w,5.0,28.0,060414,11.9,w*73
\$GPVTG,28.0,T,39.9,M,5.0,N,9.3,K*48
\$GPZDA,084605,06,04,2014,00,00*42
\$GPGBS,084605,,,,,,,,*4E
\$GPGGA,084606,3452.7847,N,07438.7880,w,1,10,0.8,11,M,,M,,*66
\$HEHDT,25.2,T*1A

S01_C04_survey.Log

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PORT 4 04-06-2014 08:46:57
$GPGLL,3452.7847,N,07438.7880,W,084606,A*37
$HEHDT,24.9,T*10
$GPRMC,084606,A,3452.7847,N,07438.7880,W,5.0,28.2,060414,11.9,W*7A
$GPVTG,28.2,T,40.1,M,5.0,N,9.3,K*4C
$GPZDA,084606,06,04,2014,00,00*41
$GPGBS,084606,,,,,,,,*4D
$GPGGA,084607,3452.7859,N,07438.7872,W,1,10,0.8,11,M,,M,,*65
$HEHDT,24.9,T*10
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PORT 4 04-06-2014 08:46:58
$GPGLL,3452.7859,N,07438.7872,W,084607,A*34
$GPRMC,084607,A,3452.7859,N,07438.7872,W,5.0,28.1,060414,11.9,W*7A
$HEHDT,24.8,T*11
$GPVTG,28.1,T,40.0,M,5.0,N,9.3,K*4E
$GPZDA,084607,06,04,2014,00,00*40
$GPGBS,084607,,,,,,,,*4C
$GPGGA,084608,3452.7870,N,07438.7864,W,1,10,0.8,11,M,,M,,*66
$HEHDT,24.7,T*1E
#
PORT 5 04-06-2014 08:46:59
04028 ms
*
PORT 4 04-06-2014 08:46:59
$GPGLL,3452.7870,N,07438.7864,W,084608,A*37
$GPRMC,084608,A,3452.7870,N,07438.7864,W,5.1,27.6,060414,11.9,W*70
$GPVTG,27.6,T,39.5,M,5.1,N,9.4,K*4B
$HEHDT,25.0,T*18
$GPZDA,084608,06,04,2014,00,00*4F
$GPGBS,084608,,,,,,,,*43
$GPGGA,084609,3452.7883,N,07438.7857,W,1,10,0.8,11,M,,M,,*6B
$HEHDT,25.3,T*1B
$GPGLL,3452.7883,N,0
#
PORT 4 04-06-2014 08:47:00
$GPGLL,3452.7870,N,07438.7864,W,084608,A*37
$GPRMC,084608,A,3452.7870,N,07438.7864,W,5.1,27.6,060414,11.9,W*70
$GPVTG,27.6,T,39.5,M,5.1,N,9.4,K*4B
$HEHDT,25.0,T*18
$GPZDA,084608,06,04,2014,00,00*4F
$GPGBS,084608,,,,,,,,*43
$GPGGA,084609,3452.7883,N,07438.7857,W,1,10,0.8,11,M,,M,,*6B
$HEHDT,25.3,T*1B
$GPGLL,3452.7883,N,07438.7857,W,084609,A*3A
$GPRMC,084609,A,3452.7883,N,07438.7857,W,5.0,27.4,060414,11.9,W*7E
$GPVTG,27.4,T,39.3,M,5.0,N,9.3,K*49
$GPZDA,084609,06,04,2014,00,00*4E
$HEHDT,25.4,T*1C
$GPGBS,084609,,,,,,,,*42
$GPGGA,084610,3452.7895,N,07438.7850,W,1,10,0.8,11,M,,M,,*63
$HEHDT,25.2,T*1A
$GPGLL,3452.7895,N,07438.7850,W,084610,A*32
$GPRMC,084610,A,3452.7895,N,07438.7850,W,5.0,26.6,060414,11.9,W*75
$GPVTG,26.6,T,38.5,M,5.0,N,9.3,K*4D
$GPZDA,084610,06,04,2014,00,00*46
$GPGBS,084610,,,,,,,,*4A
$GPGGA,084611,3452.7907,N,07438.7842,W,2,10,0.4,11,M,,M,,*64
$HEHDT,24.9,T*10
#
PORT 4 04-06-2014 08:47:01
$HEHDT,24.8,T*11
$GPGLL,3452.7907,N,07438.7842,W,084611,A*3A
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S01_C04_survey.Log

\$GPRMC,084611,A,3452.7907,N,07438.7842,W,5.1,26.1,060414,11.9,w*7B
 \$GPVTG,26.1,T,38.0,M,5.1,N,9.4,K*49
 \$GPZDA,084611,06,04,2014,00,00*47
 \$GPGBS,084611,,,,,,,,*4B
 \$GPGGA,084612,3452.7920,N,07438.7835,W,2,6,0.4,11,M,,M,,*55
 \$HEHDT,24.6,T*1F
 #
 PORT 4 04-06-2014 08:47:02
 \$GPGLL,3452.7920,N,07438.7835,W,084612,A*3C
 \$GPRMC,084612,A,3452.7920,N,07438.7835,W,5.1,26.1,060414,11.9,w*7D
 \$HEHDT,24.6,T*1F
 \$GPVTG,26.1,T,38.0,M,5.1,N,9.4,K*49
 \$GPZDA,084612,06,04,2014,00,00*44
 \$GPGBS,084612,,,,,,,,*48
 \$GPGGA,084613,3452.7931,N,07438.7829,W,2,6,0.3,11,M,,M,,*5E
 \$HEHDT,24.8,T*11
 #
 PORT 4 04-06-2014 08:47:03
 \$GPGLL,3452.7931,N,07438.7829,W,084613,A*30
 \$GPRMC,084613,A,3452.7931,N,07438.7829,W,5.1,26.1,060414,11.9,w*71
 \$HEHDT,25.0,T*18
 \$GPVTG,26.1,T,38.0,M,5.1,N,9.4,K*49
 \$GPZDA,084613,06,04,2014,00,00*45
 \$GPGBS,084613,,,,,,,,*49
 \$GPGGA,084614,3452.7939,N,07438.7822,W,2,9,0.3,11,M,,M,,*55
 PORT 12000 04-06-2014 08:47:03
 \$PPWBA,d2pc15,192.168.2.151,Online
 #
 PORT 4 04-06-2014 08:47:05
 \$HEHDT,25.0,T*18
 \$GPGLL,3452.7939,N,07438.7822,W,084614,A*34
 \$GPRMC,084614,A,3452.7939,N,07438.7822,W,5.0,26.5,060414,11.9,w*70
 \$GPVTG,26.5,T,38.4,M,5.0,N,9.3,K*4F
 \$GPZDA,084614,06,04,2014,00,00*42
 \$HEHDT,25.1,T*19
 \$GPGBS,084614,,,,,,,,*4E
 \$GPGGA,084615,3452.7950,N,07438.7813,W,2,9,0.2,11,M,,M,,*58
 #
 PORT 4 04-06-2014 08:47:06
 \$HEHDT,25.2,T*1A
 \$GPGLL,3452.7950,N,07438.7813,W,084615,A*38
 \$GPRMC,084615,A,3452.7950,N,07438.7813,W,4.9,27.2,060414,11.9,w*72
 \$GPVTG,27.2,T,39.1,M,4.9,N,9.1,K*47
 \$GPZDA,084615,06,04,2014,00,00*43
 \$HEHDT,25.3,T*1B
 \$GPGBS,084615,,,,,,,,*4F
 \$GPGGA,084616,3452.7964,N,07438.7805,W,2,10,0.2,11,M,,M,,*63
 #
 PORT 4 04-06-2014 08:47:07
 \$HEHDT,25.3,T*1B
 \$GPGLL,3452.7964,N,07438.7805,W,084616,A*3B
 \$GPRMC,084616,A,3452.7964,N,07438.7805,W,4.9,28.0,060414,11.9,w*7C
 \$GPVTG,28.0,T,39.9,M,4.9,N,9.1,K*42
 \$GPZDA,084616,06,04,2014,00,00*40
 \$GPGBS,084616,,,,,,,,*4C
 \$GPGGA,084617,3452.7977,N,07438.7798,W,2,10,0.2,11,M,,M,,*6B
 \$HEHDT,25.6,T*1E
 #
 PORT 4 04-06-2014 08:47:08
 \$HEHDT,25.6,T*1E
 \$GPGLL,3452.7977,N,07438.7798,W,084617,A*33
 \$GPRMC,084617,A,3452.7977,N,07438.7798,W,5.0,28.3,060414,11.9,w*7F
 \$GPVTG,28.3,T,40.2,M,5.0,N,9.3,K*4E

S01_C04_survey.Log

\$GPZDA,084617,06,04,2014,00,00*41
\$GPGBS,084617,,,,,*4D
\$GPGGA,084618,3452.7988,N,07438.7791,W,2,10,0.2,11,M,,M,,*6D
\$HEHDT,25.5,T*1D

PORT 4 04-06-2014 08:47:09
\$GPGLL,3452.7988,N,07438.7791,W,084618,A*35
\$GPRMC,084618,A,3452.7988,N,07438.7791,W,5.0,27.7,060414,11.9,W*72
\$HEHDT,25.4,T*1C
\$GPVTG,27.7,T,39.6,M,5.0,N,9.3,K*4F
\$GPZDA,084618,06,04,2014,00,00*4E
\$GPGBS,084618,,,,,*42
\$GPGGA,084619,3452.7999,N,07438.7785,W,2,10,0.2,11,M,,M,,*69
\$HEHDT,25.4,T*1C

PORT 4 04-06-2014 08:47:10
\$GPGLL,3452.7999,N,07438.7785,W,084619,A*31
\$GPRMC,084619,A,3452.7999,N,07438.7785,W,5.0,27.3,060414,11.9,W*72
\$GPVTG,27.3,T,39.2,M,5.0,N,9.3,K*4F
\$GPZDA,084619,06,04,2014,00,00*4F
\$HEHDT,25.5,T*1D
\$GPGBS,084619,,,,,*43
\$GPGGA,084620,3452.8013,N,07438.7777,W,2,10,0.2,11,M,,M,,*6A

PORT 4 04-06-2014 08:47:11
\$HEHDT,25.1,T*19
\$GPGLL,3452.8013,N,07438.7777,W,084620,A*32
\$GPRMC,084620,A,3452.8013,N,07438.7777,W,4.9,27.1,060414,11.9,W*7B
\$GPVTG,27.1,T,39.0,M,4.9,N,9.1,K*45
\$GPZDA,084620,06,04,2014,00,00*45
\$GPGBS,084620,,,,,*49
\$HEHDT,24.9,T*10
\$GPGGA,084621,3452.8026,N,07438.7770,W,2,10,0.2,11,M,,M,,*6A

PORT 4 04-06-2014 08:47:12
\$HEHDT,25.2,T*1A
\$GPGLL,3452.8026,N,07438.7770,W,084621,A*32
\$GPRMC,084621,A,3452.8026,N,07438.7770,W,5.0,26.9,060414,11.9,W*7A
\$GPVTG,26.9,T,38.8,M,5.0,N,9.3,K*4F
\$GPZDA,084621,06,04,2014,00,00*44
\$GPGBS,084621,,,,,*48
\$HEHDT,25.3,T*1B
\$GPGGA,084622,3452.8039,N,07438.7764,W,2,10,0.2,11,M,,M,,*62

PORT 4 04-06-2014 08:47:13
\$HEHDT,26.0,T*1B
\$GPGLL,3452.8039,N,07438.7764,W,084622,A*3A
\$GPRMC,084622,A,3452.8039,N,07438.7764,W,5.1,26.3,060414,11.9,W*79
\$GPVTG,26.3,T,38.2,M,5.1,N,9.4,K*49
\$GPZDA,084622,06,04,2014,00,00*47
\$GPGBS,084622,,,,,*4B
\$GPGGA,084623,3452.8050,N,07438.7758,W,2,10,0.3,11,M,,M,,*62
\$HEHDT,25.7,T*1F

PORT 4 04-06-2014 08:47:14
\$GPGLL,3452.8050,N,07438.7758,W,084623,A*3B
\$HEHDT,25.8,T*10
\$GPRMC,084623,A,3452.8050,N,07438.7758,W,5.1,25.7,060414,11.9,W*7F
\$GPVTG,25.7,T,37.6,M,5.1,N,9.4,K*45
\$GPZDA,084623,06,04,2014,00,00*46
\$GPGBS,084623,,,,,*4A
\$GPGGA,084624,3452.8060,N,07438.7750,W,2,9,0.3,11,M,,M,,*56
\$HEHDT,25.8,T*10

S01_C04_survey.Log

PORT 12000 04-06-2014 08:47:14

\$PPWBA,d2pc15,192.168.2.151,online

#

PORT 4 04-06-2014 08:47:15

\$GPGLL,3452.8060,N,07438.7750,W,084624,A*37

\$GPRMC,084624,A,3452.8060,N,07438.7750,W,5.0,25.4,060414,11.9,w*71

\$HEHDT,25.8,T*10

\$GPVTG,25.4,T,37.3,M,5.0,N,9.3,K*45

\$GPZDA,084624,06,04,2014,00,00*41

\$GPGBS,084624,,,,,,,,*4D

\$GPGBGA,084625,3452.8069,N,07438.7741,W,2,9,0.4,11,M,,M,,*59

\$HEHDT,26.4,T*1F

#

PORT 4 04-06-2014 08:47:16

\$GPGLL,3452.8069,N,07438.7741,W,084625,A*3F

\$GPRMC,084625,A,3452.8069,N,07438.7741,W,4.9,26.0,060414,11.9,w*76

\$GPVTG,26.0,T,37.9,M,4.9,N,9.1,K*42

\$HEHDT,26.3,T*18

\$GPZDA,084625,06,04,2014,00,00*40

\$GPGBS,084625,,,,,,,,*4C

\$GPGBGA,084626,3452.8080,N,07438.7731,W,2,6,0.4,11,M,,M,,*55

\$HEHDT,26.2,T*19

#

PORT 4 04-06-2014 08:47:17

\$GPGLL,3452.8080,N,07438.7731,W,084626,A*3C

\$GPRMC,084626,A,3452.8080,N,07438.7731,W,4.9,27.3,060414,11.9,w*77

\$GPVTG,27.3,T,39.2,M,4.9,N,9.1,K*45

\$GPZDA,084626,06,04,2014,00,00*43

\$GPGBS,084626,,,,,,,,*4F

\$HEHDT,26.3,T*18

\$GPGBGA,084627,3452.8091,N,07438.7722,W,2,6,0.3,11,M,,M,,*51

\$HEHDT,26.1,T*1A

#

PORT 4 04-06-2014 08:47:19

\$GPGLL,3452.8091,N,07438.7722,W,084627,A*3F

\$GPRMC,084627,A,3452.8091,N,07438.7722,W,4.9,28.6,060414,11.9,w*7E

\$GPVTG,28.6,T,40.5,M,4.9,N,9.1,K*46

\$GPZDA,084627,06,04,2014,00,00*42

\$GPGBS,084627,,,,,,,,*4E

\$GPGBGA,084628,3452.8102,N,07438.7715,W,2,6,0.4,11,M,,M,,*56

\$HEHDT,26.2,T*19

\$GPGLL,3452.8102,N,07438.7715,W,084628,A*3F

\$HEHDT,26.0,T*1B

\$GPRMC,084628,A,3452.8102,N,07438.7715,W,4.9,29.2,060414,11.9,w*7B

\$GPVTG,29.2,T,41.1,M,4.9,N,9.1,K*46

\$GPZDA,084628,06,04,2014,00,00*4D

\$GPGBS,084628,,,,,,,,*41

\$GPGBGA,084629,3452.8113,N,07438.7708,W,2,6,0.4,11,M,,M,,*5B

\$HEHDT,26.4,T*1F

#

PORT 4 04-06-2014 08:47:20

\$GPGLL,3452.8113,N,07438.7708,W,084629,A*32

\$GPRMC,084629,A,3452.8113,N,07438.7708,W,4.9,29.0,060414,11.9,w*74

\$HEHDT,26.2,T*19

\$GPVTG,29.0,T,40.9,M,4.9,N,9.1,K*4D

\$GPZDA,084629,06,04,2014,00,00*4C

\$GPGBS,084629,,,,,,,,*40

\$GPGBGA,084630,3452.8127,N,07438.7701,W,2,6,0.4,11,M,,M,,*5D

\$HEHDT,26.6,T*1D

#

PORT 4 04-06-2014 08:47:21

\$GPGLL,3452.8127,N,07438.7701,W,084630,A*34

\$GPRMC,084630,A,3452.8127,N,07438.7701,W,4.9,28.4,060414,11.9,w*77

S01_C04_survey.Log

\$GPVTG,28.4,T,40.3,M,4.9,N,9.1,K*42
\$HEHDT,26.0,T*1B
\$GPZDA,084630,06,04,2014,00,00*44
\$GPGBS,084630,,,,,,,,*48
\$GPGGA,084631,3452.8138,N,07438.7694,W,2,6,0.4,11,M,,M,,*5F

PORT 4 04-06-2014 08:47:22
\$HEHDT,26.1,T*1A
\$GPGLL,3452.8138,N,07438.7694,W,084631,A*36
\$GPRMC,084631,A,3452.8138,N,07438.7694,W,4.9,27.5,060414,11.9,W*7B
\$GPVTG,27.5,T,39.4,M,4.9,N,9.1,K*45
\$GPZDA,084631,06,04,2014,00,00*45
\$HEHDT,25.6,T*1E
\$GPGBS,084631,,,,,,,,*49
\$GPGGA,084632,3452.8152,N,07438.7688,W,2,6,0.4,11,M,,M,,*5D

PORT 4 04-06-2014 08:47:23
\$HEHDT,25.8,T*10
\$GPGLL,3452.8152,N,07438.7688,W,084632,A*34
\$GPRMC,084632,A,3452.8152,N,07438.7688,W,4.9,26.8,060414,11.9,W*75
\$GPVTG,26.8,T,38.7,M,4.9,N,9.1,K*4B
\$GPZDA,084632,06,04,2014,00,00*46
\$GPGBS,084632,,,,,,,,*4A
\$GPGGA,084633,3452.8165,N,07438.7682,W,2,6,0.3,11,M,,M,,*55
\$HEHDT,25.7,T*1F

PORT 4 04-06-2014 08:47:24
\$GPGLL,3452.8165,N,07438.7682,W,084633,A*3B
\$HEHDT,26.0,T*1B
\$GPRMC,084633,A,3452.8165,N,07438.7682,W,4.9,25.9,060414,11.9,W*78
\$GPVTG,25.9,T,37.8,M,4.9,N,9.1,K*49
\$GPZDA,084633,06,04,2014,00,00*47
\$GPGBS,084633,,,,,,,,*4B
\$GPGGA,084634,3452.8177,N,07438.7674,W,2,9,0.3,11,M,,M,,*57
\$HEHDT,25.8,T*10
PORT 12000 04-06-2014 08:47:24
\$PPWBA,d2pc15,192.168.2.151,Online

PORT 4 04-06-2014 08:47:25
\$GPGLL,3452.8177,N,07438.7674,W,084634,A*36
\$GPRMC,084634,A,3452.8177,N,07438.7674,W,4.9,25.5,060414,11.9,W*79
\$HEHDT,25.8,T*10
\$GPVTG,25.5,T,37.4,M,4.9,N,9.1,K*49
\$GPZDA,084634,06,04,2014,00,00*40
\$GPGBS,084634,,,,,,,,*4C
\$GPGGA,084635,3452.8187,N,07438.7666,W,2,9,0.2,11,M,,M,,*5B
\$HEHDT,25.6,T*1E

PORT 4 04-06-2014 08:47:26
\$GPGLL,3452.8187,N,07438.7666,W,084635,A*3B
\$GPRMC,084635,A,3452.8187,N,07438.7666,W,4.9,25.9,060414,11.9,W*78
\$HEHDT,25.7,T*1F
\$GPVTG,25.9,T,37.8,M,4.9,N,9.1,K*49
\$GPZDA,084635,06,04,2014,00,00*41
\$GPGBS,084635,,,,,,,,*4D
\$GPGGA,084636,3452.8198,N,07438.7658,W,2,10,0.2,11,M,,M,,*63
\$HEHDT,26.1,T*1A
#