

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<Q330_Configuration>
- <writer>
  <proto_ver>"1"</proto_ver>
  <name>"Willard"</name>
  <soft_ver>"1.204 Build 921"</soft_ver>
  <created>"Wed, 01 Apr 2015 12:52:51 GMT"</created>
  <updated>"Wed, 01 Apr 2015 12:52:54 GMT"</updated>
</writer>
- <global>
  <basetag>"3 ch 100s/s, 1 ch 20s/s, 1s/s, A sensor pkg, 2014-02-12 New
    Horizontals"</basetag>
  <clock_to>60</clock_to>
  <initial_vco>2048</initial_vco>
  <gps_backup>1</gps_backup>
  <aux_rate>0</aux_rate>
  <stat_rate>1</stat_rate>
  <open_balepwr>1</open_balepwr>
  <open_balelink>1</open_balelink>
  <show_sn>0</show_sn>
  <fsdetect>0</fsdetect>
  <gainmap1>1</gainmap1>
  <gainmap2>1</gainmap2>
  <gainmap3>1</gainmap3>
  <gainmap4>1</gainmap4>
  <gainmap5>0</gainmap5>
  <gainmap6>0</gainmap6>
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  <filtmap2>0</filtmap2>
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  <input2>0</input2>
  <input3>0</input3>
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  <input5>0</input5>
  <input6>0</input6>
  <mux1>3</mux1>
  <mux2>3</mux2>
  <dp_to>300</dp_to>
  <drift_tol>50000</drift_tol>
  <jump_filt>5</jump_filt>
  <jump_thresh>250</jump_thresh>
  <cal_offset>0</cal_offset>
  <sensor_map>255</sensor_map>
  <samp_phase>300</samp_phase>
  <gps_cold>6000</gps_cold>
- <scaling1>
  <Hz1>1.0</Hz1>
  <Hz10>1.0</Hz10>
  <Hz20>1.0</Hz20>

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    <Hz40>1.0</Hz40>
    <Hz50>1.0</Hz50>
    <Hz100>1.0</Hz100>
    <Hz200>1.0</Hz200>
  </scaling1>
- <scaling2>
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    <Hz10>1.0</Hz10>
    <Hz20>1.0</Hz20>
    <Hz40>1.0</Hz40>
    <Hz50>1.0</Hz50>
    <Hz100>1.0</Hz100>
    <Hz200>1.0</Hz200>
  </scaling2>
- <scaling3>
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    <Hz10>1.0</Hz10>
    <Hz20>1.0</Hz20>
    <Hz40>1.0</Hz40>
    <Hz50>1.0</Hz50>
    <Hz100>1.0</Hz100>
    <Hz200>1.0</Hz200>
  </scaling3>
- <scaling4>
    <Hz1>1.0</Hz1>
    <Hz10>1.0</Hz10>
    <Hz20>1.0</Hz20>
    <Hz40>1.0</Hz40>
    <Hz50>1.0</Hz50>
    <Hz100>1.0</Hz100>
    <Hz200>1.0</Hz200>
  </scaling4>
- <scaling5>
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    <Hz10>1.0</Hz10>
    <Hz20>1.0</Hz20>
    <Hz40>1.0</Hz40>
    <Hz50>1.0</Hz50>
    <Hz100>1.0</Hz100>
    <Hz200>1.0</Hz200>
  </scaling5>
- <scaling6>
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    <Hz10>1.0</Hz10>
    <Hz20>1.0</Hz20>
    <Hz40>1.0</Hz40>
    <Hz50>1.0</Hz50>
    <Hz100>1.0</Hz100>
    <Hz200>1.0</Hz200>

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</scaling6>
<offsets1> 0</offsets1>
<offsets2> 0</offsets2>
<offsets3> 0</offsets3>
<offsets4> 0</offsets4>
<offsets5> 0</offsets5>
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<gains1>1.0</gains1>
<gains2>1.0</gains2>
<gains3>1.0</gains3>
<gains4>1.0</gains4>
<gains5>1.0</gains5>
<gains6>1.0</gains6>
<crc>B8FF9C68</crc>
<web_port>5380</web_port>
<user_tag>0</user_tag>
</global>
- <interfaces>
  <ser1_baud>19200</ser1_baud>
  <ser1_enable>1</ser1_enable>
  <ser1_hard>0</ser1_hard>
  <ser1_break>0</ser1_break>
  <ser1_rping>0</ser1_rping>
  <ser1_rtcp>0</ser1_rtcp>
  <ser1_route>0</ser1_route>
  <ser1_rqping>0</ser1_rqping>
  <ser1_bootp>0</ser1_bootp>
  <ser1_unlock>0</ser1_unlock>
  <ser2_baud>115200</ser2_baud>
  <ser2_enable>1</ser2_enable>
  <ser2_hard>0</ser2_hard>
  <ser2_break>0</ser2_break>
  <ser2_rping>0</ser2_rping>
  <ser2_rtcp>0</ser2_rtcp>
  <ser2_route>0</ser2_route>
  <ser2_rqping>0</ser2_rqping>
  <ser2_bootp>0</ser2_bootp>
  <ser2_unlock>0</ser2_unlock>
  <ser3_enable>1</ser3_enable>
  <ser3_route>0</ser3_route>
  <eth_enable>1</eth_enable>
  <eth_always>0</eth_always>
  <eth_rping>0</eth_rping>
  <eth_rtcp>0</eth_rtcp>
  <eth_route>0</eth_route>
  <eth_rqping>0</eth_rqping>
  <eth_bootp>0</eth_bootp>
  <eth_unlock>0</eth_unlock>
  <crc>A8612D48</crc>

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    <ser1_ip>10.1.1.2</ser1_ip>
    <ser2_ip>10.2.2.2</ser2_ip>
    <eth_ip>192.168.200.118</eth_ip>
    <base_port>5330</base_port>
  </interfaces>
- <data1>
  <lport>0</lport>
  <flooding>0</flooding>
  <freeze_out>0</freeze_out>
  <freeze_in>0</freeze_in>
  <keepold>0</keepold>
  <piggyback>0</piggyback>
  <flushwarn>0</flushwarn>
  <hotswap>0</hotswap>
  <base96>0</base96>
  <perc> 5</perc>
  <mtu>576</mtu>
  <grp_cnt>0</grp_cnt>
  <rsnd_max>3.0</rsnd_max>
  <grp_to>0.2</grp_to>
  <rsnd_min>1.0</rsnd_min>
  <window>8</window>
- <freq_map1>
  <Hz1>1</Hz1>
  <Hz10>0</Hz10>
  <Hz20>0</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>1</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map1>
- <freq_map2>
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  <Hz10>0</Hz10>
  <Hz20>0</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>1</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map2>
- <freq_map3>
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  <Hz10>0</Hz10>
  <Hz20>0</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>1</Hz100>

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    <Hz200>0</Hz200>
    <HighFreq>0</HighFreq>
  </freq_map3>
- <freq_map4>
  <Hz1>1</Hz1>
  <Hz10>0</Hz10>
  <Hz20>1</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>0</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
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- <freq_map5>
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  <Hz10>0</Hz10>
  <Hz20>0</Hz20>
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  <Hz50>0</Hz50>
  <Hz100>0</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map5>
- <freq_map6>
  <Hz1>0</Hz1>
  <Hz10>0</Hz10>
  <Hz20>0</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>0</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
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<ack_cnt>4</ack_cnt>
<ack_to>0.3</ack_to>
<eth_throt>256000</eth_throt>
<full_alert> 0</full_alert>
<auto_filter>0</auto_filter>
<man_filter>4</man_filter>
<crc>8851CC7C</crc>
</data1>
- <data2>
  <lport>1</lport>
  <flooding>0</flooding>
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  <freeze_in>0</freeze_in>
  <keepold>0</keepold>
  <piggyback>0</piggyback>
  <flushwarn>0</flushwarn>

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<hotswap>0</hotswap>
<base96>0</base96>
<perc> 0</perc>
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<rsnd_max>3.0</rsnd_max>
<grp_to>0.2</grp_to>
<rsnd_min>1.0</rsnd_min>
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  <Hz10>0</Hz10>
  <Hz20>1</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>1</Hz100>
  <Hz200>0</Hz200>
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- <freq_map2>
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  <Hz20>1</Hz20>
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  <Hz50>0</Hz50>
  <Hz100>1</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map2>
- <freq_map3>
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  <Hz10>0</Hz10>
  <Hz20>1</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>1</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
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- <freq_map4>
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  <Hz10>0</Hz10>
  <Hz20>1</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>1</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map4>

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```

- <freq_map5>
  <Hz1>1</Hz1>
  <Hz10>0</Hz10>
  <Hz20>1</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>1</Hz100>
  <Hz200>0</Hz200>
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- <freq_map6>
  <Hz1>1</Hz1>
  <Hz10>0</Hz10>
  <Hz20>1</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>1</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
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<ack_to>0.3</ack_to>
<eth_throt>256000</eth_throt>
<full_alert> 0</full_alert>
<auto_filter>0</auto_filter>
<man_filter>4</man_filter>
<crc>A827EF67</crc>
</data2>
- <data3>
  <lport>2</lport>
  <flooding>0</flooding>
  <freeze_out>0</freeze_out>
  <freeze_in>0</freeze_in>
  <keepold>0</keepold>
  <piggyback>0</piggyback>
  <flushwarn>0</flushwarn>
  <hotswap>0</hotswap>
  <base96>0</base96>
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  <grp_to>0.2</grp_to>
  <rsnd_min>1.0</rsnd_min>
  <window>8</window>
- <freq_map1>
  <Hz1>1</Hz1>
  <Hz10>0</Hz10>
  <Hz20>0</Hz20>

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```

    <Hz40>0</Hz40>
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    <Hz100>0</Hz100>
    <Hz200>0</Hz200>
    <HighFreq>0</HighFreq>
  </freq_map1>
- <freq_map2>
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  <Hz10>0</Hz10>
  <Hz20>0</Hz20>
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  <Hz50>0</Hz50>
  <Hz100>0</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map2>
- <freq_map3>
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  <Hz10>0</Hz10>
  <Hz20>0</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>0</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map3>
- <freq_map4>
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  <Hz10>0</Hz10>
  <Hz20>0</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>0</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map4>
- <freq_map5>
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  <Hz10>0</Hz10>
  <Hz20>0</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>0</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map5>
- <freq_map6>
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  <Hz10>0</Hz10>

```



```

    <Hz20>0</Hz20>
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    <Hz100>0</Hz100>
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  <man_filter>4</man_filter>
  <crc>789A7B14</crc>
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  <keepold>0</keepold>
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  <flushwarn>0</flushwarn>
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  <grp_to>0.2</grp_to>
  <rsnd_min>1.0</rsnd_min>
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- <freq_map1>
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  <Hz10>0</Hz10>
  <Hz20>0</Hz20>
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  <Hz50>0</Hz50>
  <Hz100>1</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map1>
- <freq_map2>
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  <Hz20>0</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
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```

```

    <Hz200>0</Hz200>
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- <freq_map3>
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  <Hz50>0</Hz50>
  <Hz100>1</Hz100>
  <Hz200>0</Hz200>
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</freq_map3>
- <freq_map4>
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  <Hz50>0</Hz50>
  <Hz100>0</Hz100>
  <Hz200>0</Hz200>
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</freq_map4>
- <freq_map5>
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  <Hz20>0</Hz20>
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  <Hz50>0</Hz50>
  <Hz100>0</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
</freq_map5>
- <freq_map6>
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  <Hz20>0</Hz20>
  <Hz40>0</Hz40>
  <Hz50>0</Hz50>
  <Hz100>0</Hz100>
  <Hz200>0</Hz200>
  <HighFreq>0</HighFreq>
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<ack_to>0.3</ack_to>
<full_alert>95</full_alert>
<auto_filter>0</auto_filter>
<man_filter>4</man_filter>
<crc>48E2868D</crc>

```

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</data4>
- <sensctrl>
  - <mapping1>
    <function>2</function>
    <high>0</high>
  </mapping1>
  - <mapping2>
    <function>7</function>
    <high>0</high>
  </mapping2>
  - <mapping3>
    <function>8</function>
    <high>0</high>
  </mapping3>
  - <mapping4>
    <function>1</function>
    <high>0</high>
  </mapping4>
  - <mapping5>
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    <high>0</high>
  </mapping5>
  - <mapping6>
    <function>11</function>
    <high>0</high>
  </mapping6>
  - <mapping7>
    <function>12</function>
    <high>0</high>
  </mapping7>
  - <mapping8>
    <function>4</function>
    <high>0</high>
  </mapping8>
  <crc>0021C691</crc>
</sensctrl>
- <slave>
  <max_main>250</max_main>
  <min_off>60</min_off>
  <min_ps>9.0</min_ps>
  <max_ant>34</max_ant>
  <min_temp>-28</min_temp>
  <max_temp>60</max_temp>
  <temp_hyst>5</temp_hyst>
  <volt_hyst>1.95</volt_hyst>
  <def_vco>2048</def_vco>
  <crc>C8F5AE97</crc>
</slave>
- <advser1>

```

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<phynum>0</phynum>
<lognum>3</lognum>
<modem_init>""</modem_init>
<user_330>""</user_330>
<pass_330>""</pass_330>
<trigger>50</trigger>
<ppp>0</ppp>
<dial>0</dial>
<dial_ctrl>0</dial_ctrl>
<baler_ctrl>0</baler_ctrl>
<at_end>0</at_end>
<at_trigger>0</at_trigger>
<at_interval>0</at_interval>
<baler_cmds>0</baler_cmds>
<DTR>0</DTR>
<NAPT>0</NAPT>
<transparent>0</transparent>
<baler44>0</baler44>
<simplex>0</simplex>
<retry_int>2</retry_int>
<interval>720</interval>
<webbps> 0</webbps>
<retries>10</retries>
<reg_to>4</reg_to>
<routed_to>0</routed_to>
<ss_type>0</ss_type>
<ss_rate>0</ss_rate>
<ss_fracdig>0</ss_fracdig>
<ss_temp>0</ss_temp>
<ss_units>0</ss_units>
<crc>5018BCE5</crc>
<phone>""</phone>
<user_isp>""</user_isp>
<pass_isp>""</pass_isp>
<poc_ip>10.1.1.14</poc_ip>
<log2_ip>0.0.0.0</log2_ip>
<poc_port>0</poc_port>
</advser1>
- <advser2>
  <phynum>1</phynum>
  <lognum>3</lognum>
  <modem_init>""</modem_init>
  <user_330>""</user_330>
  <pass_330>""</pass_330>
  <trigger>31</trigger>
  <ppp>0</ppp>
  <dial>0</dial>
  <dial_ctrl>0</dial_ctrl>
  <baler_ctrl>0</baler_ctrl>

```

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<at_end>0</at_end>
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<baler_cmds>0</baler_cmds>
<DTR>0</DTR>
<NAPT>0</NAPT>
<transparent>0</transparent>
<baler44>0</baler44>
<simplex>0</simplex>
<retry_int>2</retry_int>
<interval>720</interval>
<webbps> 0</webbps>
<retries>10</retries>
<reg_to>4</reg_to>
<routed_to>0</routed_to>
<ss_type>0</ss_type>
<ss_rate>0</ss_rate>
<ss_fractdig>0</ss_fractdig>
<ss_temp>0</ss_temp>
<ss_units>0</ss_units>
<crc>00F7EE43</crc>
<phone>""</phone>
<user_isp>""</user_isp>
<pass_isp>""</pass_isp>
<poc_ip>10.2.2.14</poc_ip>
<log2_ip>192.168.33.14</log2_ip>
<poc_port>0</poc_port>
</advser2>
- <advether>
  <phynum>3</phynum>
  <lognum>3</lognum>
  <modem_init>""</modem_init>
  <user_330>""</user_330>
  <pass_330>""</pass_330>
  <trigger>90</trigger>
  <baler_ctrl>3</baler_ctrl>
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  <at_trigger>1</at_trigger>
  <at_interval>1</at_interval>
  <baler_cmds>1</baler_cmds>
  <NAPT>1</NAPT>
  <transparent>0</transparent>
  <baler44>0</baler44>
  <simplex>0</simplex>
  <retry_int>10</retry_int>
  <interval>720</interval>
  <webbps> 0</webbps>
  <retries>10</retries>
  <reg_to>5</reg_to>

```

```

    <serial_baud>115200</serial_baud>
    <crc>D05F64B5</crc>
    <phone>""</phone>
    <user_isp>""</user_isp>
    <pass_isp>""</pass_isp>
    <poc_ip>192.168.200.119</poc_ip>
    <log2_ip>0.0.0.0</log2_ip>
    <poc_port>0</poc_port>
  </advether>
- <gps>
  <mode>0</mode>
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  <Serial_DGPS>0</Serial_DGPS>
  <Net_DGPS>0</Net_DGPS>
  <power_mode>0</power_mode>
  <off_time>180</off_time>
  <resync>0</resync>
  <max_on>120</max_on>
  <crc>58C3DF3B</crc>
</gps>
- <pll>
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  <enab_pll>1</enab_pll>
  <lock_2D>1</lock_2D>
  <vco_temp>0</vco_temp>
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  <vco_slope>-0.0175</vco_slope>
  <vco_icpt>7.11</vco_icpt>
  <max_ikm_rms>0.25</max_ikm_rms>
  <ikm_weight>0.25</ikm_weight>
  <km_weight>0.12</km_weight>
  <best_weight>0.1</best_weight>
  <km_delta>600.0</km_delta>
  <crc>C05EA43D</crc>
</pll>
- <automass>
  - <group1>
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    <tol_B>25</tol_B>
    <tol_C>25</tol_C>
    <max_try>100</max_try>
    <norm_int>60</norm_int>
    <snr_int>60</snr_int>
    <sensor_map>254</sensor_map>
    <duration>7.5</duration>
  </group1>
  - <group2>

```

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    <tol_A>0</tol_A>
    <tol_B>0</tol_B>
    <tol_C>0</tol_C>
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    <norm_int>60</norm_int>
    <squellch_int>60</squellch_int>
    <sensor_map>239</sensor_map>
    <duration>7.5</duration>
  </group2>
  <crc>805E1B0C</crc>
</automass>
- <announce>
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  <ser1_unlock>0</ser1_unlock>
  <ser2_unlock>0</ser2_unlock>
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    <resume>0</resume>
    <dp_port>0</dp_port>
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    <log4>0</log4>
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    <ser2>0</ser2>
    <eth>0</eth>
    <ignore>0</ignore>
    <random>0</random>
  </dp1>
  - <dp2>
    <dp_ip>0.0.0.0</dp_ip>
    <router_ip>0.0.0.0</router_ip>
    <timeout>0</timeout>
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    <dp_port>0</dp_port>
    <log1>0</log1>
    <log2>0</log2>
    <log3>0</log3>
    <log4>0</log4>
    <ser1>0</ser1>
    <ser2>0</ser2>
    <eth>0</eth>
    <ignore>0</ignore>
    <random>0</random>
  </dp2>
  - <dp3>

```

```

    <dp_ip>0.0.0.0</dp_ip>
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    <dp_port>0</dp_port>
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    <log2>0</log2>
    <log3>0</log3>
    <log4>0</log4>
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    <ser2>0</ser2>
    <eth>0</eth>
    <ignore>0</ignore>
    <random>0</random>
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- <dp4>
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    <timeout>0</timeout>
    <resume>0</resume>
    <dp_port>0</dp_port>
    <log1>0</log1>
    <log2>0</log2>
    <log3>0</log3>
    <log4>0</log4>
    <ser1>0</ser1>
    <ser2>0</ser2>
    <eth>0</eth>
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    <random>0</random>
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- <dp5>
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    <router_ip>0.0.0.0</router_ip>
    <timeout>0</timeout>
    <resume>0</resume>
    <dp_port>0</dp_port>
    <log1>0</log1>
    <log2>0</log2>
    <log3>0</log3>
    <log4>0</log4>
    <ser1>0</ser1>
    <ser2>0</ser2>
    <eth>0</eth>
    <ignore>0</ignore>
    <random>0</random>
  </dp5>
- <dp6>
    <dp_ip>0.0.0.0</dp_ip>

```



```

    <router_ip>0.0.0.0</router_ip>
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    <resume>0</resume>
    <dp_port>0</dp_port>
    <log1>0</log1>
    <log2>0</log2>
    <log3>0</log3>
    <log4>0</log4>
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    <ser2>0</ser2>
    <eth>0</eth>
    <ignore>0</ignore>
    <random>0</random>
  </dp6>
</announce>
- <balecfg>
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  <balertype>0</balertype>
  <version>0</version>
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  <crc>388ED7D7</crc>
</balecfg>
- <tokens1>
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  <tokenset>"HH? 100s/s, BDH 20 s/s, L?? 1 s/s, VM?, CNP, 2014-02-12 New
    Horizontals"</tokenset>
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  <msgname>"LOG"</msgname>
  <timloc>" "</timloc>
  <timname>"ACE"</timname>
  <cfgloc>" "</cfgloc>
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  <cfgflgbeg>1</cfgflgbeg>
  <cfgflgend>1</cfgflgend>
  <cfgflgint>0</cfgflgint>
  <noncomp>0</noncomp>
- <dss>
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  <middle>""</middle>
  <lowest>""</lowest>
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  <verbosity>0</verbosity>
  <maxcpu>0</maxcpu>
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</dss>
- <clock>

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    <off>80</off>
    <highlock>60</highlock>
    <lowlock>10</lowlock>
    <neverlock>0</neverlock>
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<commname_3>"BON"</commname_3>
<commname_4>"MON"</commname_4>
<commname_5>"LON"</commname_5>
<commname_6>"H.BOFF"</commname_6>
<commname_7>"H.AOFF"</commname_7>
<commname_8>"B.BOFF"</commname_8>
<commname_9>"B.AOFF"</commname_9>
<commname_10>"M.BOFF"</commname_10>
<commname_11>"M.AOFF"</commname_11>
<commname_12>"L.BOFF"</commname_12>
<commname_13>"L.AOFF"</commname_13>
<commname_14>"COMM:14"</commname_14>
<commname_15>"COMM:15"</commname_15>
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<commname_31>"COMM:31"</commname_31>
<commname_32>"COMM:32"</commname_32>
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    <gain>10.0</gain>

```

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    <reffreq>20.0</reffreq>
  - <sect0>
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  </sect0>
  - <sect1>
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    <poles>2</poles>
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  </sect1>
</iir>
- <iir>
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  <sections>2</sections>
  <gain>10.0</gain>
  <reffreq>80.0</reffreq>
  - <sect0>
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  </sect0>
  - <sect1>
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    <poles>2</poles>
    <high>0</high>
  </sect1>
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  <name>"VSPH1L10"</name>
  <sections>2</sections>
  <gain>1.0</gain>
  <reffreq>80.0</reffreq>
  - <sect0>
    <cutratio>0.0125</cutratio>
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    <high>1</high>
  </sect0>
  - <sect1>
    <cutratio>0.125</cutratio>
    <poles>2</poles>
    <high>0</high>
  </sect1>
</iir>
- <iir>
  <name>"VSP15L"</name>
  <sections>1</sections>
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```

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- <sect0>
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</sect0>
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- <iir>
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- <iir>
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  <sections>2</sections>
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  <reffreq>1.0</reffreq>
  - <sect0>
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    <poles>2</poles>
    <high>1</high>
  </sect0>
  - <sect1>
    <cutratio>0.04</cutratio>
    <poles>6</poles>
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  </sect1>
</iir>
- <iir>
  <name>"VLPBP"</name>
  <sections>2</sections>
  <gain>1.0</gain>
  <reffreq>0.1</reffreq>
  - <sect0>
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  - <sect1>

```

```

        <cutratio>0.066666</cutratio>
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- <iir>
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    - <sect0>
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- <iir>
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- <iir>
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    <reffreq>20.0</reffreq>
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        <high>1</high>
    </sect0>
    - <sect1>
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- <iir>
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```

```

        <cutratio>0.0125</cutratio>
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- <iir>
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        <poles>2</poles>
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</iir>
- <iir>
    <name>"SPWWSS"</name>
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    - <sect0>
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        <poles>2</poles>
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- <iir>

```

```

    <name>"VSPBP"</name>
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  - <sect0>
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      <poles>2</poles>
      <high>1</high>
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  - <sect1>
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- <iir>
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    <reffreq>1.0</reffreq>
  - <sect0>
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```

```

        <poles>2</poles>
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- <iir>
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    <reffreq>1.0</reffreq>
- <sect0>
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    <poles>2</poles>
    <high>1</high>
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- <sect1>
    <cutratio>0.04</cutratio>
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- <sect0>
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    <poles>2</poles>
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- <iir>
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- <sect0>
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```



```

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- <iir>
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- <iir>
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        <high>1</high>
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    - <sect1>
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        <poles>2</poles>
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        <high>1</high>
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    - <sect1>
        <cutratio>0.125</cutratio>
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- <iir>
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```

```

    <gain>1.0</gain>
    <reffreq>100.0</reffreq>
  - <sect0>
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      <high>1</high>
    </sect0>
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- <iir>
    <name>"I20H10P2"</name>
    <sections>1</sections>
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    <reffreq>20.0</reffreq>
  - <sect0>
      <cutratio>0.005</cutratio>
      <poles>2</poles>
      <high>1</high>
    </sect0>
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- <threshold>
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    <hysteresis>2</hysteresis>
    <window>5</window>
    <high>85</high>
    <low>-40</low>
    <tail>50</tail>
    <name>"OVERTEMP"</name>
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- <threshold>
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    <hysteresis>1</hysteresis>
    <window>2</window>
    <high>30</high>
    <low>0</low>
    <tail>20</tail>
    <name>"ANTCUR"</name>
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- <threshold>
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    <hysteresis>25</hysteresis>
    <window>15</window>
    <high>80</high>
    <low>-80</low>
    <tail>1</tail>
    <name>"BOOM_WARNING"</name>
</threshold>
- <lcq>
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    <seed>"HHZ"</seed>

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<chan>11100000</chan>
<subchan>5</subchan>
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<evonly>0</evonly>
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<calpack>0</calpack>
<nooutput>0</nooutput>
<disable>0</disable>
<dataserv>0</dataserv>
<netserv>0</netserv>
<netevt>0</netevt>
<cnpforce>0</cnpforce>
<precount>4</precount>
<gap>0.5</gap>
<caldly>60</caldly>
<maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"HH1"</seed>
  <chan>11100001</chan>
  <subchan>5</subchan>
  <rate>100</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>4</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
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- <lcq>
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  <seed>"HH2"</seed>
  <chan>11100010</chan>
  <subchan>5</subchan>
  <rate>100</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
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  <disable>0</disable>
  <dataserv>0</dataserv>

```

```

    <netserv>0</netserv>
    <netevt>0</netevt>
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    <caldly>60</caldly>
    <maxframe>255</maxframe>
  </lcq>
- <lcq>
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  <seed>"BDH"</seed>
  <chan>11100011</chan>
  <subchan>2</subchan>
  <rate>20</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>4</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VEP"</seed>
  <chan>10000000</chan>
  <subchan>0</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>

```

```

<loc>" "</loc>
<seed>"VEC"</seed>
<chan>10000001</chan>
<subchan>0</subchan>
<rate>-10</rate>
<evonly>0</evonly>
<detpack>0</detpack>
<calpack>0</calpack>
<nooutput>0</nooutput>
<disable>0</disable>
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<netserv>0</netserv>
<netevt>0</netevt>
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<precount>0</precount>
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<caldly>60</caldly>
<maxframe>255</maxframe>
</lcq>
- <lcq>
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  <seed>"VEA"</seed>
  <chan>10000001</chan>
  <subchan>1</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnppforce>0</cnppforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VKI"</seed>
  <chan>10000000</chan>
  <subchan>1</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>

```

```

<disable>0</disable>
<dataserv>0</dataserv>
<netserv>0</netserv>
<netevt>0</netevt>
<cnpforce>0</cnpforce>
<precount>0</precount>
<gap>0.5</gap>
<caldly>60</caldly>
<maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VCO"</seed>
  <chan>10001000</chan>
  <subchan>0</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VFP"</seed>
  <chan>10001001</chan>
  <subchan>0</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>

```

```

</lcq>
- <lcq>
  <loc>" "/</loc>
  <seed>"LCQ"</seed>
  <chan>10011000</chan>
  <subchan>2</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "/</loc>
  <seed>"LCE"</seed>
  <chan>10011000</chan>
  <subchan>1</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "/</loc>
  <seed>"LCL"</seed>
  <chan>10011000</chan>
  <subchan>3</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>

```

```

    <calpack>0</calpack>
    <nooutput>0</nooutput>
    <disable>0</disable>
    <dataserv>0</dataserv>
    <netserv>0</netserv>
    <netevt>0</netevt>
    <cnpforce>0</cnpforce>
    <precount>0</precount>
    <gap>0.5</gap>
    <caldly>60</caldly>
    <maxframe>255</maxframe>
  </lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"LHZ"</seed>
  <chan>11100000</chan>
  <subchan>0</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"LH1"</seed>
  <chan>11100001</chan>
  <subchan>0</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>0</precount>
  <gap>0.5</gap>

```



```

    <caldly>60</caldly>
    <maxframe>255</maxframe>
  </lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"LH2"</seed>
  <chan>11100010</chan>
  <subchan>0</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"LDH"</seed>
  <chan>11100011</chan>
  <subchan>0</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VMZ"</seed>
  <chan>10100000</chan>
  <subchan>0</subchan>
  <rate>-10</rate>

```

```

    <evonly>0</evonly>
    <detpack>0</detpack>
    <calpack>0</calpack>
    <nooutput>0</nooutput>
    <disable>0</disable>
    <dataserv>0</dataserv>
    <netserv>0</netserv>
    <netevt>0</netevt>
    <cnpforce>0</cnpforce>
    <precount>0</precount>
    <gap>0.5</gap>
    <caldly>60</caldly>
    <maxframe>255</maxframe>
</lcq>
- <lcq>
    <loc>" "</loc>
    <seed>"VM1"</seed>
    <chan>10100000</chan>
    <subchan>1</subchan>
    <rate>-10</rate>
    <evonly>0</evonly>
    <detpack>0</detpack>
    <calpack>0</calpack>
    <nooutput>0</nooutput>
    <disable>0</disable>
    <dataserv>0</dataserv>
    <netserv>0</netserv>
    <netevt>0</netevt>
    <cnpforce>0</cnpforce>
    <precount>0</precount>
    <gap>0.5</gap>
    <caldly>60</caldly>
    <maxframe>255</maxframe>
</lcq>
- <lcq>
    <loc>" "</loc>
    <seed>"VM2"</seed>
    <chan>10100000</chan>
    <subchan>2</subchan>
    <rate>-10</rate>
    <evonly>0</evonly>
    <detpack>0</detpack>
    <calpack>0</calpack>
    <nooutput>0</nooutput>
    <disable>0</disable>
    <dataserv>0</dataserv>
    <netserv>0</netserv>
    <netevt>0</netevt>
    <cnpforce>0</cnpforce>

```

```

    <precount>0</precount>
    <gap>0.5</gap>
    <caldly>60</caldly>
    <maxframe>255</maxframe>
</lcq>
- <lcq>
    <loc>" "</loc>
    <seed>"OAC"</seed>
    <chan>11111010</chan>
    <subchan>92</subchan>
    <rate>0</rate>
    <evonly>0</evonly>
    <detpack>0</detpack>
    <calpack>0</calpack>
    <nooutput>0</nooutput>
    <disable>0</disable>
    <dataserv>0</dataserv>
    <netserv>0</netserv>
    <netevt>0</netevt>
    <cnforce>0</cnforce>
    <precount>0</precount>
    <gap>0.5</gap>
    <caldly>60</caldly>
    <maxframe>255</maxframe>
</lcq>
<crc>D87555F2</crc>
<network>"XX"</network>
<station>"2017 "</station>
<netport>0</netport>
<webport>65535</webport>
<dataport>0</dataport>
</tokens1>
- <tokens2>
    <tokever>0</tokever>
    <tokenset>""</tokenset>
    <msgloc>" "</msgloc>
    <msgname>"LOG"</msgname>
    <timloc>" "</timloc>
    <timname>"ACE"</timname>
    <cfgloc>" "</cfgloc>
    <cfgname>"OCF"</cfgname>
    <cfginterval>1440</cfginterval>
    <cfgflgbeg>1</cfgflgbeg>
    <cfgflgend>1</cfgflgend>
    <cfgflgint>1</cfgflgint>
    <noncomp>0</noncomp>
- <dss>
    <highest>""</highest>
    <middle>""</middle>

```

```

    <lowest>""</lowest>
    <timeout>0</timeout>
    <maxbps>0</maxbps>
    <verbosity>0</verbosity>
    <maxcpu>0</maxcpu>
    <portnum>0</portnum>
    <maxmem>0</maxmem>
</dss>
- <clock>
    <zoneoffset>0</zoneoffset>
    <lossminutes>10</lossminutes>
    <locked>100</locked>
    <tracking>90</tracking>
    <hold>80</hold>
    <off>80</off>
    <highlock>60</highlock>
    <lowlock>10</lowlock>
    <neverlock>0</neverlock>
    <clkfilter>20</clkfilter>
</clock>
<commname_1>"ALLCOM"</commname_1>
<commname_2>"HON"</commname_2>
<commname_3>"BON"</commname_3>
<commname_4>"MON"</commname_4>
<commname_5>"LON"</commname_5>
<commname_6>"H.BOFF"</commname_6>
<commname_7>"H.AOFF"</commname_7>
<commname_8>"B.BOFF"</commname_8>
<commname_9>"B.AOFF"</commname_9>
<commname_10>"M.BOFF"</commname_10>
<commname_11>"M.AOFF"</commname_11>
<commname_12>"L.BOFF"</commname_12>
<commname_13>"L.AOFF"</commname_13>
<commname_14>"COMM:14"</commname_14>
<commname_15>"COMM:15"</commname_15>
<commname_16>"COMM:16"</commname_16>
<commname_17>"COMM:17"</commname_17>
<commname_18>"COMM:18"</commname_18>
<commname_19>"COMM:19"</commname_19>
<commname_20>"COMM:20"</commname_20>
<commname_21>"COMM:21"</commname_21>
<commname_22>"COMM:22"</commname_22>
<commname_23>"COMM:23"</commname_23>
<commname_24>"COMM:24"</commname_24>
<commname_25>"COMM:25"</commname_25>
<commname_26>"COMM:26"</commname_26>
<commname_27>"COMM:27"</commname_27>
<commname_28>"COMM:28"</commname_28>
<commname_29>"COMM:29"</commname_29>

```

```

<commname_30>"COMM:30"</commname_30>
<commname_31>"COMM:31"</commname_31>
<commname_32>"COMM:32"</commname_32>
<firname>"VLP389"</firname>
<firname>"ULP379"</firname>
- <iir>
  <name>"SPWWSS"</name>
  <sections>2</sections>
  <gain>10.0</gain>
  <reffreq>20.0</reffreq>
  - <sect0>
    <cutratio>0.047619</cutratio>
    <poles>2</poles>
    <high>1</high>
  </sect0>
  - <sect1>
    <cutratio>0.0666667</cutratio>
    <poles>2</poles>
    <high>0</high>
  </sect1>
</iir>
- <iir>
  <name>"VSPBP"</name>
  <sections>2</sections>
  <gain>10.0</gain>
  <reffreq>80.0</reffreq>
  - <sect0>
    <cutratio>0.047619</cutratio>
    <poles>2</poles>
    <high>1</high>
  </sect0>
  - <sect1>
    <cutratio>0.0666667</cutratio>
    <poles>2</poles>
    <high>0</high>
  </sect1>
</iir>
- <iir>
  <name>"VSPH1L10"</name>
  <sections>2</sections>
  <gain>1.0</gain>
  <reffreq>80.0</reffreq>
  - <sect0>
    <cutratio>0.0125</cutratio>
    <poles>2</poles>
    <high>1</high>
  </sect0>
  - <sect1>
    <cutratio>0.125</cutratio>

```

```

        <poles>2</poles>
        <high>0</high>
    </sect1>
</iir>
- <iir>
    <name>"VSP15L"</name>
    <sections>1</sections>
    <gain>1.0</gain>
    <reffreq>100.0</reffreq>
    - <sect0>
        <cutratio>0.15</cutratio>
        <poles>2</poles>
        <high>0</high>
    </sect0>
</iir>
- <iir>
    <name>"LPWWSS"</name>
    <sections>2</sections>
    <gain>1.0</gain>
    <reffreq>1.0</reffreq>
    - <sect0>
        <cutratio>0.01</cutratio>
        <poles>2</poles>
        <high>1</high>
    </sect0>
    - <sect1>
        <cutratio>0.0666667</cutratio>
        <poles>2</poles>
        <high>0</high>
    </sect1>
</iir>
- <iir>
    <name>"LPSRO"</name>
    <sections>2</sections>
    <gain>1.0</gain>
    <reffreq>1.0</reffreq>
    - <sect0>
        <cutratio>0.02</cutratio>
        <poles>2</poles>
        <high>1</high>
    </sect0>
    - <sect1>
        <cutratio>0.04</cutratio>
        <poles>6</poles>
        <high>0</high>
    </sect1>
</iir>
- <iir>
    <name>"VLPBP"</name>

```

```

    <sections>2</sections>
    <gain>1.0</gain>
    <reffreq>0.1</reffreq>
  - <sect0>
      <cutratio>0.0166667</cutratio>
      <poles>2</poles>
      <high>1</high>
    </sect0>
  - <sect1>
      <cutratio>0.066666</cutratio>
      <poles>2</poles>
      <high>0</high>
    </sect1>
</iir>
- <iir>
    <name>"VLP AVG"</name>
    <sections>1</sections>
    <gain>1.0</gain>
    <reffreq>0.1</reffreq>
  - <sect0>
      <cutratio>0.0166666</cutratio>
      <poles>2</poles>
      <high>1</high>
    </sect0>
</iir>
- <iir>
    <name>"ULP AVG"</name>
    <sections>1</sections>
    <gain>1.0</gain>
    <reffreq>0.01</reffreq>
  - <sect0>
      <cutratio>0.0166667</cutratio>
      <poles>2</poles>
      <high>1</high>
    </sect0>
</iir>
- <iir>
    <name>"GS21"</name>
    <sections>2</sections>
    <gain>1.0</gain>
    <reffreq>20.0</reffreq>
  - <sect0>
      <cutratio>0.005</cutratio>
      <poles>2</poles>
      <high>1</high>
    </sect0>
  - <sect1>
      <cutratio>0.0666667</cutratio>
      <poles>2</poles>

```

```

        <high>0</high>
    </sect1>
</iir>
- <iir>
    <name>"I100H1L12"</name>
    <sections>2</sections>
    <gain>1.0</gain>
    <reffreq>100.0</reffreq>
    - <sect0>
        <cutratio>0.0125</cutratio>
        <poles>2</poles>
        <high>1</high>
    </sect0>
    - <sect1>
        <cutratio>0.125</cutratio>
        <poles>2</poles>
        <high>0</high>
    </sect1>
</iir>
- <iir>
    <name>"I100H1"</name>
    <sections>1</sections>
    <gain>1.0</gain>
    <reffreq>100.0</reffreq>
    - <sect0>
        <cutratio>0.01</cutratio>
        <poles>4</poles>
        <high>1</high>
    </sect0>
</iir>
- <iir>
    <name>"I20H10P2"</name>
    <sections>1</sections>
    <gain>1.0</gain>
    <reffreq>20.0</reffreq>
    - <sect0>
        <cutratio>0.005</cutratio>
        <poles>2</poles>
        <high>1</high>
    </sect0>
</iir>
- <threshold>
    <filter>""</filter>
    <hysteresis>2</hysteresis>
    <window>5</window>
    <high>85</high>
    <low>-40</low>
    <tail>50</tail>
    <name>"OVERTEMP"</name>

```



```

</threshold>
- <threshold>
  <filter>""</filter>
  <hysteresis>1</hysteresis>
  <window>2</window>
  <high>30</high>
  <low>0</low>
  <tail>20</tail>
  <name>"ANTCUR"</name>
</threshold>
- <murdock>
  <filter>"I100H1L12"</filter>
  <filhi>2</filhi>
  <fillo>40</fillo>
  <iwin>160</iwin>
  <n_hits>4</n_hits>
  <xth1>66</xth1>
  <xth2>46</xth2>
  <xth3>8</xth3>
  <xthx>13</xthx>
  <def_tc>500</def_tc>
  <wait_blk>3000</wait_blk>
  <val_avg>8</val_avg>
  <name>"SEIS_H_RATE"</name>
</murdock>
- <murdock>
  <filter>"I100H1L12"</filter>
  <filhi>2</filhi>
  <fillo>40</fillo>
  <iwin>160</iwin>
  <n_hits>4</n_hits>
  <xth1>66</xth1>
  <xth2>46</xth2>
  <xth3>8</xth3>
  <xthx>13</xthx>
  <def_tc>500</def_tc>
  <wait_blk>3000</wait_blk>
  <val_avg>8</val_avg>
  <name>"FBA_H_RATE"</name>
</murdock>
- <threshold>
  <filter>"I100H1"</filter>
  <hysteresis>25</hysteresis>
  <window>3</window>
  <high>100000</high>
  <low>-100000</low>
  <tail>120</tail>
  <name>"FBA_H_RATE_TH"</name>
</threshold>

```

```

- <murdock>
  <filter>"SPWWSS"</filter>
  <filhi>2</filhi>
  <fillo>40</fillo>
  <iwin>160</iwin>
  <n_hits>4</n_hits>
  <xth1>32</xth1>
  <xth2>22</xth2>
  <xth3>8</xth3>
  <xthx>13</xthx>
  <def_tc>500</def_tc>
  <wait_blk>500</wait_blk>
  <val_avg>8</val_avg>
  <name>"SEIS_B_RATE"</name>
</murdock>
- <murdock>
  <filter>"LPSRO"</filter>
  <filhi>2</filhi>
  <fillo>60</fillo>
  <iwin>120</iwin>
  <n_hits>4</n_hits>
  <xth1>24</xth1>
  <xth2>20</xth2>
  <xth3>16</xth3>
  <xthx>20</xthx>
  <def_tc>15000</def_tc>
  <wait_blk>3600</wait_blk>
  <val_avg>2</val_avg>
  <name>"SEIS_L_RATE"</name>
</murdock>
- <murdock>
  <filter>"SPWWSS"</filter>
  <filhi>2</filhi>
  <fillo>40</fillo>
  <iwin>160</iwin>
  <n_hits>4</n_hits>
  <xth1>32</xth1>
  <xth2>22</xth2>
  <xth3>8</xth3>
  <xthx>13</xthx>
  <def_tc>500</def_tc>
  <wait_blk>500</wait_blk>
  <val_avg>8</val_avg>
  <name>"FBA_B_RATE"</name>
</murdock>
- <threshold>
  <filter>"I20H10P2"</filter>
  <hysteresis>25</hysteresis>
  <window>3</window>

```

```

    <high>100000</high>
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    <subchan>5</subchan>
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```

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```

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```

```

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```

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- <lcq>
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- <lcq>
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```

```

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```

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```

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- <lcq>
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```

```

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<calpack>0</calpack>
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- <lcq>
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  <calpack>0</calpack>
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  <netevt>0</netevt>
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  <dataserv>0</dataserv>
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```

```

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- <lcq>
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  <seed>"VCO"</seed>
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  <rate>-10</rate>
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  <calpack>0</calpack>
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  <dataserv>0</dataserv>
  <netserv>0</netserv>
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- <lcq>
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  <detpack>0</detpack>
  <calpack>0</calpack>
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  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
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```

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- <lcq>
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  <subchan>1</subchan>
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  <calpack>0</calpack>
  <nooutput>0</nooutput>
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  <netserv>0</netserv>
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  <maxframe>255</maxframe>
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- <lcq>
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  <subchan>2</subchan>
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  <netevt>0</netevt>

```

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    <run>1</run>
    <log>0</log>
    <msg>0</msg>
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- <lcq>
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  <subchan>2</subchan>
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  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
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```

```

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    <maxframe>255</maxframe>
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- <lcq>
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    <disable>0</disable>
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    <op>"leftpar"</op>
    <det>"BHZ:SEIS_B_RATE"</det>
    <op>"or"</op>
    <comm>"ALLCOM"</comm>
    <op>"or"</op>
    <comm>"BON"</comm>
    <op>"rightpar"</op>
    <op>"and"</op>
    <op>"not"</op>
    <comm>"B.BOFF"</comm>
</controldet>
- <controldet>
    <logmsg>1</logmsg>
    <name>"HHZDET"</name>
    <op>"leftpar"</op>
    <det>"HHZ:SEIS_H_RATE"</det>
    <op>"or"</op>
    <comm>"ALLCOM"</comm>
    <op>"or"</op>
    <comm>"HON"</comm>
    <op>"rightpar"</op>
    <op>"and"</op>
    <op>"not"</op>

```

```

    <comm>"H.BOFF"</comm>
  </controldet>
- <controldet>
  <logmsg>0</logmsg>
  <name>"HLZDET"</name>
  <op>"leftpar"</op>
  <det>"HLZ:FBA_H_RATE"</det>
  <op>"or"</op>
  <det>"HLZ:FBA_H_RATE_TH"</det>
  <op>"or"</op>
  <comm>"ALLCOM"</comm>
  <op>"or"</op>
  <comm>"HON"</comm>
  <op>"rightpar"</op>
  <op>"and"</op>
  <op>"not"</op>
  <comm>"H.AOFF"</comm>
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- <controldet>
  <logmsg>0</logmsg>
  <name>"BLZDET"</name>
  <op>"leftpar"</op>
  <det>"BLZ:FBA_B_RATE"</det>
  <op>"or"</op>
  <det>"BLZ:FBA_B_RATE_TH"</det>
  <op>"or"</op>
  <comm>"BON"</comm>
  <op>"rightpar"</op>
  <op>"and"</op>
  <op>"not"</op>
  <comm>"B.AOFF"</comm>
</controldet>
- <controldet>
  <logmsg>1</logmsg>
  <name>"LHZDET"</name>
  <op>"leftpar"</op>
  <det>"LHZ:SEIS_L_RATE"</det>
  <op>"or"</op>
  <comm>"ALLCOM"</comm>
  <op>"or"</op>
  <comm>"LON"</comm>
  <op>"rightpar"</op>
  <op>"and"</op>
  <op>"not"</op>
  <comm>"L.BOFF"</comm>
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<station>"2017 "</station>

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    <webport>65535</webport>
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- <tokens3>
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  <tokenset>""</tokenset>
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  <msgname>"LOG"</msgname>
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  <timname>"ACE"</timname>
  <cfgloc>" "</cfgloc>
  <cfgname>"OCF"</cfgname>
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  <cfgflgbeg>1</cfgflgbeg>
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- <dss>
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  <middle>""</middle>
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  <verbosity>0</verbosity>
  <maxcpu>0</maxcpu>
  <portnum>0</portnum>
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</dss>
- <clock>
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  <lossminutes>10</lossminutes>
  <locked>100</locked>
  <tracking>90</tracking>
  <hold>80</hold>
  <off>80</off>
  <highlock>60</highlock>
  <lowlock>10</lowlock>
  <neverlock>0</neverlock>
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<commname_3>"BON"</commname_3>
<commname_4>"MON"</commname_4>
<commname_5>"LON"</commname_5>
<commname_6>"H.BOFF"</commname_6>
<commname_7>"H.AOFF"</commname_7>
<commname_8>"B.BOFF"</commname_8>

```

```

<commname_9>"B.AOFF"</commname_9>
<commname_10>"M.BOFF"</commname_10>
<commname_11>"M.AOFF"</commname_11>
<commname_12>"L.BOFF"</commname_12>
<commname_13>"L.AOFF"</commname_13>
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<commname_31>"COMM:31"</commname_31>
<commname_32>"COMM:32"</commname_32>
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<filename>"ULP379"</filename>
- <iir>
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  <sections>2</sections>
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  - <sect0>
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    <high>1</high>
  </sect0>
  - <sect1>
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  </sect1>
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  <sections>2</sections>
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```

```

        <poles>2</poles>
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- <sect1>
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- <iir>
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- <sect0>
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- <iir>
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- <sect0>
    <cutratio>0.01</cutratio>
    <poles>2</poles>
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</sect0>
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```

```

        <high>0</high>
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- <iir>
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    - <sect0>
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        <high>1</high>
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    - <sect1>
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    - <sect0>
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        <high>1</high>
    </sect0>
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        <cutratio>0.066666</cutratio>
        <poles>2</poles>
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- <iir>
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    - <sect0>
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- <iir>
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    <sections>1</sections>

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  <reffreq>20.0</reffreq>
  - <sect0>
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  - <sect0>
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      <high>1</high>
    </sect0>
  - <sect1>
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    </sect1>
  </iir>
- <iir>
  <name>"I100H1"</name>
  <sections>1</sections>
  <gain>1.0</gain>
  <reffreq>100.0</reffreq>
  - <sect0>
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      <high>1</high>

```

```

    </sect0>
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  <reffreq>20.0</reffreq>
  - <sect0>
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    <high>1</high>
  </sect0>
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  <low>-40</low>
  <tail>50</tail>
  <name>"OVERTEMP"</name>
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- <threshold>
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  <low>0</low>
  <tail>20</tail>
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</threshold>
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  <fillo>40</fillo>
  <iwin>160</iwin>
  <n_hits>4</n_hits>
  <xth1>66</xth1>
  <xth2>46</xth2>
  <xth3>8</xth3>
  <xthx>13</xthx>
  <def_tc>500</def_tc>
  <wait_blk>3000</wait_blk>
  <val_avg>8</val_avg>
  <name>"SEIS_H_RATE"</name>
</murdock>
- <murdock>
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  <filhi>2</filhi>

```

```

    <fillo>40</fillo>
    <iwin>160</iwin>
    <n_hits>4</n_hits>
    <xth1>66</xth1>
    <xth2>46</xth2>
    <xth3>8</xth3>
    <xthx>13</xthx>
    <def_tc>500</def_tc>
    <wait_blk>3000</wait_blk>
    <val_avg>8</val_avg>
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- <threshold>
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  <hysteresis>25</hysteresis>
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  <tail>120</tail>
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</threshold>
- <murdock>
  <filter>"SPWWSS"</filter>
  <filhi>2</filhi>
  <fillo>40</fillo>
  <iwin>160</iwin>
  <n_hits>4</n_hits>
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  <xth2>22</xth2>
  <xth3>8</xth3>
  <xthx>13</xthx>
  <def_tc>500</def_tc>
  <wait_blk>500</wait_blk>
  <val_avg>8</val_avg>
  <name>"SEIS_B_RATE"</name>
</murdock>
- <murdock>
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  <filhi>2</filhi>
  <fillo>60</fillo>
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  <n_hits>4</n_hits>
  <xth1>24</xth1>
  <xth2>20</xth2>
  <xth3>16</xth3>
  <xthx>20</xthx>
  <def_tc>15000</def_tc>
  <wait_blk>3600</wait_blk>
  <val_avg>2</val_avg>

```

```

    <name>"SEIS_L_RATE"</name>
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  <filter>"SPWWSS"</filter>
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  <fillo>40</fillo>
  <iwin>160</iwin>
  <n_hits>4</n_hits>
  <xth1>32</xth1>
  <xth2>22</xth2>
  <xth3>8</xth3>
  <xthx>13</xthx>
  <def_tc>500</def_tc>
  <wait_blk>500</wait_blk>
  <val_avg>8</val_avg>
  <name>"FBA_B_RATE"</name>
</murdock>
- <threshold>
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  <hysteresis>25</hysteresis>
  <window>3</window>
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  <low>-100000</low>
  <tail>120</tail>
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</threshold>
- <threshold>
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  <hysteresis>25</hysteresis>
  <window>15</window>
  <high>8000</high>
  <low>-8000</low>
  <tail>1</tail>
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</threshold>
- <lcq>
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  <seed>"LHZ"</seed>
  <chan>11100011</chan>
  <subchan>0</subchan>
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  <netevt>0</netevt>

```

```

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- <lcq>
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  <seed>"LHN"</seed>
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  <calpack>1</calpack>
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  <disable>0</disable>
  <dataserv>0</dataserv>
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  <netevt>0</netevt>
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  <gap>0.5</gap>
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  <subchan>0</subchan>
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  <disable>0</disable>
  <dataserv>0</dataserv>
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  <netevt>0</netevt>
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  <precount>2</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
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```

```

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<calpack>0</calpack>
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<disable>0</disable>
<dataserv>0</dataserv>
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<netevt>0</netevt>
<cnforce>0</cnforce>
<precount>2</precount>
<gap>0.5</gap>
<caldly>60</caldly>
<maxframe>255</maxframe>
</lcq>
- <lcq>
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  <seed>"LLN"</seed>
  <chan>11100001</chan>
  <subchan>0</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>2</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"LLE"</seed>
  <chan>11100010</chan>
  <subchan>0</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
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  <calpack>0</calpack>
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  <disable>0</disable>
  <dataserv>0</dataserv>

```

```

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    <netevt>0</netevt>
    <cnforce>0</cnforce>
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    <gap>0.5</gap>
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    <maxframe>255</maxframe>
  </lcq>
- <lcq>
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  <seed>"VEP"</seed>
  <chan>10000000</chan>
  <subchan>0</subchan>
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  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
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  <seed>"VEC"</seed>
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  <subchan>0</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
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  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>

```

```

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<nooutput>0</nooutput>
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  <gap>0.5</gap>
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    <msg>0</msg>
  </detect>
</lcq>
- <lcq>
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  <seed>"VCO"</seed>
  <chan>10001000</chan>

```



```

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    <calpack>0</calpack>
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    <disable>0</disable>
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    <netevt>0</netevt>
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  <seed>"VPB"</seed>
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  <subchan>0</subchan>
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  <calpack>0</calpack>
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  <netserv>0</netserv>
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  <gap>0.5</gap>
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  <maxframe>255</maxframe>
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- <lcq>
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  <seed>"VMU"</seed>
  <chan>10100001</chan>
  <subchan>0</subchan>
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  <evonly>0</evonly>
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  <calpack>0</calpack>
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  <disable>0</disable>
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  <netserv>0</netserv>

```

```

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- <detect>
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  <log>0</log>
  <msg>0</msg>
</detect>
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- <lcq>
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  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
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  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
  <avgsamps>2160</avgsamps>
  <avgfilt>"VLP AVG"</avgfilt>
  - <detect>
    <name>"BOOM_WARNING"</name>
    <run>1</run>
    <log>0</log>
    <msg>0</msg>
  </detect>
</lcq>
- <lcq>
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  <seed>"VMV"</seed>
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  <rate>-10</rate>

```

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    <calpack>0</calpack>
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    <disable>0</disable>
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    <netserv>0</netserv>
    <netevt>0</netevt>
    <cnppforce>0</cnppforce>
    <precount>0</precount>
    <gap>0.5</gap>
    <caldly>60</caldly>
    <maxframe>255</maxframe>
    <avgsamps>2160</avgsamps>
    <avgfilt>"VLP AVG"</avgfilt>
  - <detect>
      <name>"BOOM_WARNING"</name>
      <run>1</run>
      <log>0</log>
      <msg>0</msg>
    </detect>
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- <lcq>
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  <seed>"LCQ"</seed>
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  <rate>1</rate>
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  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnppforce>0</cnppforce>
  <precount>0</precount>
  <gap>0.5</gap>
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- <lcq>
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  <seed>"LCE"</seed>
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  <subchan>1</subchan>
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```

```

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    <calpack>0</calpack>
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    <netevt>0</netevt>
    <cnpforce>0</cnpforce>
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    <gap>0.5</gap>
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  <station>"2017 "</station>
  <netport>0</netport>
  <webport>65535</webport>
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- <tokens4>
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  <tokenset>"HH? 100s/s, BDH 20 s/s, L?? 1 s/s, VM?, CNP, 2014-02-12 New
    Horizontals"</tokenset>
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  <msgname>"LOG"</msgname>
  <timloc>" "</timloc>
  <timname>"ACE"</timname>
  <cfgloc>" "</cfgloc>
  <cfgname>"OCF"</cfgname>
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  <cfgflgbeg>1</cfgflgbeg>
  <cfgflgend>1</cfgflgend>
  <cfgflgint>0</cfgflgint>
  <noncomp>0</noncomp>
- <dss>
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  <middle>""</middle>
  <lowest>""</lowest>
  <timeout>0</timeout>
  <maxbps>0</maxbps>
  <verbosity>0</verbosity>
  <maxcpu>0</maxcpu>
  <portnum>0</portnum>
  <maxmem>0</maxmem>
</dss>
- <clock>
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  <lossminutes>10</lossminutes>

```

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    <tracking>90</tracking>
    <hold>80</hold>
    <off>80</off>
    <highlock>60</highlock>
    <lowlock>10</lowlock>
    <neverlock>0</neverlock>
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<commname_2>"HON"</commname_2>
<commname_3>"BON"</commname_3>
<commname_4>"MON"</commname_4>
<commname_5>"LON"</commname_5>
<commname_6>"H.BOFF"</commname_6>
<commname_7>"H.AOFF"</commname_7>
<commname_8>"B.BOFF"</commname_8>
<commname_9>"B.AOFF"</commname_9>
<commname_10>"M.BOFF"</commname_10>
<commname_11>"M.AOFF"</commname_11>
<commname_12>"L.BOFF"</commname_12>
<commname_13>"L.AOFF"</commname_13>
<commname_14>"COMM:14"</commname_14>
<commname_15>"COMM:15"</commname_15>
<commname_16>"COMM:16"</commname_16>
<commname_17>"COMM:17"</commname_17>
<commname_18>"COMM:18"</commname_18>
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<commname_31>"COMM:31"</commname_31>
<commname_32>"COMM:32"</commname_32>
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<firname>"ULP379"</firname>
- <iir>
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    <reffreq>20.0</reffreq>
    - <sect0>

```

```

        <cutratio>0.047619</cutratio>
        <poles>2</poles>
        <high>1</high>
    </sect0>
- <sect1>
    <cutratio>0.0666667</cutratio>
    <poles>2</poles>
    <high>0</high>
</sect1>
</iir>
- <iir>
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    <reffreq>80.0</reffreq>
- <sect0>
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</sect1>
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- <iir>
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    <gain>1.0</gain>
    <reffreq>80.0</reffreq>
- <sect0>
    <cutratio>0.0125</cutratio>
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    <high>1</high>
</sect0>
- <sect1>
    <cutratio>0.125</cutratio>
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</sect1>
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- <iir>
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```

```

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- <iir>
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    <reffreq>1.0</reffreq>
    - <sect0>
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        <high>1</high>
    </sect0>
    - <sect1>
        <cutratio>0.0666667</cutratio>
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        <high>0</high>
    </sect1>
</iir>
- <iir>
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    <sections>2</sections>
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    <reffreq>1.0</reffreq>
    - <sect0>
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        <poles>2</poles>
        <high>1</high>
    </sect0>
    - <sect1>
        <cutratio>0.04</cutratio>
        <poles>6</poles>
        <high>0</high>
    </sect1>
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- <iir>
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    <sections>2</sections>
    <gain>1.0</gain>
    <reffreq>0.1</reffreq>
    - <sect0>
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        <poles>2</poles>
        <high>1</high>
    </sect0>
    - <sect1>
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```

```

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- <iir>
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    - <sect0>
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</iir>
- <iir>
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    <reffreq>20.0</reffreq>
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        <high>1</high>
    </sect0>
    - <sect1>
        <cutratio>0.0666667</cutratio>
        <poles>2</poles>
        <high>0</high>
    </sect1>
</iir>
- <iir>
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    - <sect0>
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```



```

        <high>1</high>
    </sect0>
- <sect1>
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</sect1>
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- <iir>
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    <reffreq>100.0</reffreq>
    - <sect0>
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        <poles>4</poles>
        <high>1</high>
    </sect0>
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- <iir>
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    <sections>1</sections>
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    <reffreq>20.0</reffreq>
    - <sect0>
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        <poles>2</poles>
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</iir>
- <iir>
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    <reffreq>20.0</reffreq>
    - <sect0>
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        <poles>2</poles>
        <high>1</high>
    </sect0>
    - <sect1>
        <cutratio>0.0666667</cutratio>
        <poles>2</poles>
        <high>0</high>
    </sect1>
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- <iir>
    <name>"VSPBP"</name>
    <sections>2</sections>

```

```

    <gain>10.0</gain>
    <reffreq>80.0</reffreq>
  - <sect0>
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      <poles>2</poles>
      <high>1</high>
    </sect0>
  - <sect1>
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      <poles>2</poles>
      <high>0</high>
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    <reffreq>80.0</reffreq>
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      <poles>2</poles>
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    </sect0>
  - <sect1>
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    <sections>1</sections>
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  - <sect0>
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</iir>
- <iir>
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    <sections>2</sections>
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    <reffreq>1.0</reffreq>
  - <sect0>
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      <poles>2</poles>
      <high>1</high>

```

```

    </sect0>
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  </sect1>
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- <iir>
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  <reffreq>1.0</reffreq>
  - <sect0>
    <cutratio>0.02</cutratio>
    <poles>2</poles>
    <high>1</high>
  </sect0>
  - <sect1>
    <cutratio>0.04</cutratio>
    <poles>6</poles>
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  </sect0>

```

```

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- <iir>
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  <sections>2</sections>
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  <reffreq>20.0</reffreq>
  - <sect0>
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    <poles>2</poles>
    <high>1</high>
  </sect0>
  - <sect1>
    <cutratio>0.0666667</cutratio>
    <poles>2</poles>
    <high>0</high>
  </sect1>
</iir>
- <iir>
  <name>"I100H1L12"</name>
  <sections>2</sections>
  <gain>1.0</gain>
  <reffreq>100.0</reffreq>
  - <sect0>
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    <poles>2</poles>
    <high>1</high>
  </sect0>
  - <sect1>
    <cutratio>0.125</cutratio>
    <poles>2</poles>
    <high>0</high>
  </sect1>
</iir>
- <iir>
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  <gain>1.0</gain>
  <reffreq>100.0</reffreq>

```

```

- <sect0>
  <cutratio>0.01</cutratio>
  <poles>4</poles>
  <high>1</high>
</sect0>
</iir>
- <iir>
  <name>"I20H10P2"</name>
  <sections>1</sections>
  <gain>1.0</gain>
  <reffreq>20.0</reffreq>
  - <sect0>
    <cutratio>0.005</cutratio>
    <poles>2</poles>
    <high>1</high>
  </sect0>
</iir>
- <threshold>
  <filter>""</filter>
  <hysteresis>2</hysteresis>
  <window>5</window>
  <high>85</high>
  <low>-40</low>
  <tail>50</tail>
  <name>"OVERTEMP"</name>
</threshold>
- <threshold>
  <filter>""</filter>
  <hysteresis>1</hysteresis>
  <window>2</window>
  <high>30</high>
  <low>0</low>
  <tail>20</tail>
  <name>"ANTCUR"</name>
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- <threshold>
  <filter>""</filter>
  <hysteresis>25</hysteresis>
  <window>15</window>
  <high>80</high>
  <low>-80</low>
  <tail>1</tail>
  <name>"BOOM_WARNING"</name>
</threshold>
- <lcq>
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  <seed>"HHZ"</seed>
  <chan>11100000</chan>
  <subchan>5</subchan>

```

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<calpack>0</calpack>
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<disable>0</disable>
<dataserv>0</dataserv>
<netserv>0</netserv>
<netevt>0</netevt>
<cnpforce>0</cnpforce>
<precount>4</precount>
<gap>0.5</gap>
<caldly>60</caldly>
<maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"HH1"</seed>
  <chan>11100001</chan>
  <subchan>5</subchan>
  <rate>100</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>4</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
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  <seed>"HH2"</seed>
  <chan>11100010</chan>
  <subchan>5</subchan>
  <rate>100</rate>
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  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>

```

```

    <cnpforce>0</cnpforce>
    <precount>4</precount>
    <gap>0.5</gap>
    <caldly>60</caldly>
    <maxframe>255</maxframe>
  </lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"BDH"</seed>
  <chan>11100011</chan>
  <subchan>2</subchan>
  <rate>20</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>4</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VEP"</seed>
  <chan>10000000</chan>
  <subchan>0</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VEC"</seed>

```

```

<chan>10000001</chan>
<subchan>0</subchan>
<rate>-10</rate>
<evonly>0</evonly>
<detpack>0</detpack>
<calpack>0</calpack>
<nooutput>0</nooutput>
<disable>0</disable>
<dataserv>0</dataserv>
<netserv>0</netserv>
<netevt>0</netevt>
<cnforce>0</cnforce>
<precount>0</precount>
<gap>0.5</gap>
<caldly>60</caldly>
<maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VEA"</seed>
  <chan>10000001</chan>
  <subchan>1</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VKI"</seed>
  <chan>10000000</chan>
  <subchan>1</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>

```



```

    <netserv>0</netserv>
    <netevt>0</netevt>
    <cnforce>0</cnforce>
    <precount>0</precount>
    <gap>0.5</gap>
    <caldly>60</caldly>
    <maxframe>255</maxframe>
  </lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VCO"</seed>
  <chan>10001000</chan>
  <subchan>0</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VFP"</seed>
  <chan>10001001</chan>
  <subchan>0</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>

```

```

<loc>" "</loc>
<seed>"LCQ"</seed>
<chan>10011000</chan>
<subchan>2</subchan>
<rate>1</rate>
<evonly>0</evonly>
<detpack>0</detpack>
<calpack>0</calpack>
<nooutput>0</nooutput>
<disable>0</disable>
<dataserv>0</dataserv>
<netserv>0</netserv>
<netevt>0</netevt>
<cnppforce>0</cnppforce>
<precount>0</precount>
<gap>0.5</gap>
<caldly>60</caldly>
<maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"LCE"</seed>
  <chan>10011000</chan>
  <subchan>1</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnppforce>0</cnppforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"LCL"</seed>
  <chan>10011000</chan>
  <subchan>3</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>

```

```

<disable>0</disable>
<dataserv>0</dataserv>
<netserv>0</netserv>
<netevt>0</netevt>
<cnpforce>0</cnpforce>
<precount>0</precount>
<gap>0.5</gap>
<caldly>60</caldly>
<maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"LHZ"</seed>
  <chan>11100000</chan>
  <subchan>0</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"LH1"</seed>
  <chan>11100001</chan>
  <subchan>0</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>

```

```

</lcq>
- <lcq>
  <loc>" "/</loc>
  <seed>"LH2"</seed>
  <chan>11100010</chan>
  <subchan>0</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "/</loc>
  <seed>"LDH"</seed>
  <chan>11100011</chan>
  <subchan>0</subchan>
  <rate>1</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnforce>0</cnforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "/</loc>
  <seed>"VMZ"</seed>
  <chan>10100000</chan>
  <subchan>0</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>

```

```

    <calpack>0</calpack>
    <nooutput>0</nooutput>
    <disable>0</disable>
    <dataserv>0</dataserv>
    <netserv>0</netserv>
    <netevt>0</netevt>
    <cnpforce>0</cnpforce>
    <precount>0</precount>
    <gap>0.5</gap>
    <caldly>60</caldly>
    <maxframe>255</maxframe>
  </lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VM1"</seed>
  <chan>10100000</chan>
  <subchan>1</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>0</precount>
  <gap>0.5</gap>
  <caldly>60</caldly>
  <maxframe>255</maxframe>
</lcq>
- <lcq>
  <loc>" "</loc>
  <seed>"VM2"</seed>
  <chan>10100000</chan>
  <subchan>2</subchan>
  <rate>-10</rate>
  <evonly>0</evonly>
  <detpack>0</detpack>
  <calpack>0</calpack>
  <nooutput>0</nooutput>
  <disable>0</disable>
  <dataserv>0</dataserv>
  <netserv>0</netserv>
  <netevt>0</netevt>
  <cnpforce>0</cnpforce>
  <precount>0</precount>
  <gap>0.5</gap>

```

```

    <caldly>60</caldly>
    <maxframe>255</maxframe>
  </lcq>
- <lcq>
    <loc>" "</loc>
    <seed>"OAC"</seed>
    <chan>11111010</chan>
    <subchan>92</subchan>
    <rate>0</rate>
    <evonly>0</evonly>
    <detpack>0</detpack>
    <calpack>0</calpack>
    <nooutput>0</nooutput>
    <disable>0</disable>
    <dataserv>0</dataserv>
    <netserv>0</netserv>
    <netevt>0</netevt>
    <cnforce>0</cnforce>
    <precount>0</precount>
    <gap>0.5</gap>
    <caldly>60</caldly>
    <maxframe>255</maxframe>
  </lcq>
  <crc>C0CF7EFB</crc>
  <network>"XX"</network>
  <station>"2017 "</station>
  <netport>0</netport>
  <webport>5380</webport>
  <dataport>0</dataport>
</tokens4>
- <web_page>
  <![CDATA[ <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 3.2//EN"> <html> <head>
  <title>Q330 Web Server</title> <meta HTTP-EQUIV="refresh" CONTENT="40;
  URL=index.htm"> </head> <body bgcolor="#FFE0C0" text="#000000" link="#0000EE"
  vlink="#551A8B" alink="#FF0000"> <center> <h1>Q330 TAG ID Number $ID$</h1>
  <h3>Configuration Base Tag: <!-- CBT --><!-- /CBT --></h3> </center> <hr> <!-- $S1$ -->
  $BE$ <center> <h2>DP Web Server for $N1$ (Data Port 1) is $S1$</h2> <h3>Token Set
  Name: <!-- TS1 --><!-- /TS1 --></h3> </center> <center> <h3><!--data1-->Links to DP <a
  href="http://$L1$/retrieve.htm">Data Retrieval Page</a> <!--data1--> and <a href="http://
  $L1$/index.htm">Home Page</a></h3> </center> <hr> $EN$ <!-- $S2$ --> $BE$ <center>
  <h2>DP Web Server for $N2$ (Data Port 2) is $S2$</h2> <h3>Token Set Name: <!-- TS2
  --><!-- /TS2 --></h3> </center> <center> <h3><!--data2-->Links to DP <a href="http://$L2
  $/retrieve.htm">Data Retrieval Page</a> <!--data2--> and <a href="http://$L2
  $/index.htm">Home Page</a></h3> </center> <hr> $EN$ <!-- $S3$ --> $BE$ <center>
  <h2>DP Web Server for $N3$ (Data Port 3) is $S3$</h2> <h3>Token Set Name: <!-- TS3
  --><!-- /TS3 --></h3> </center> <center> <h3><!--data3-->Links to DP <a href="http://$L3
  $/retrieve.htm">Data Retrieval Page</a> <!--data3--> and <a href="http://$L3
  $/index.htm">Home Page</a></h3> </center> <hr> $EN$ <center> <h2>Baler Web Server
  for $N4$ is $S4$</h2> <h3>Token Set Name: <!-- TS4 --><!-- /TS4 --></h3> </center>
  ]>

```

```

$BE$ <center> <h3><!--data4-->Links to Baler <a href="http://$L4$/retrieve.htm">Data
Retrieval Page</a> <!--data4--> and <a href="http://$L4$/index.htm">Home Page</a></h3>
</center> $EN$ <form action="BALEPWR.HTM" method="POST"><input type="SUBMIT"
name="PWR" value="Turn on Baler Power"><br>$F2$When prompted, use $T4
$$$N$$CX$$F4$Q330 S/N$CX$ for Username and Data Port 4 authorization code for
Password $CX$ <input type="HIDDEN" name="POSTDONE" value="YES"></form> Type
the IP and TCP port number below to manually set the link displayed above as the Baler
Home Page link.<br> Manual setting of this link may be required when the Q330 and Baler
are accessed behind a NAT firewall.<br> Leave blank to remove the link display manual
setting, and allow the Q330 to automatically set the link.<br> <form
action="BALELNK.HTM" method="POST"><input name="LINK" size="40"
maxlength="250" value=""> Enter as addr:port, e.g. 1.2.3.4:80<br> <input type="SUBMIT"
name="SET" value="Change Baler Home Page Link Address"><br>$F3$When prompted,
use $T4$$$N$$CX$$F4$Q330 S/N$CX$ for Username and Configuration Port authorization
code for Password<br> $CX$<input type="HIDDEN" name="POSTDONE"
value="YES"></form> <hr> This page updated 2005-06-14 for Q330 firmware 1.74 or greater
</body> </html> <crc>902D701F</crc> ]]>

```

```
</web_page>
```

```
</Q330_Configuration>
```