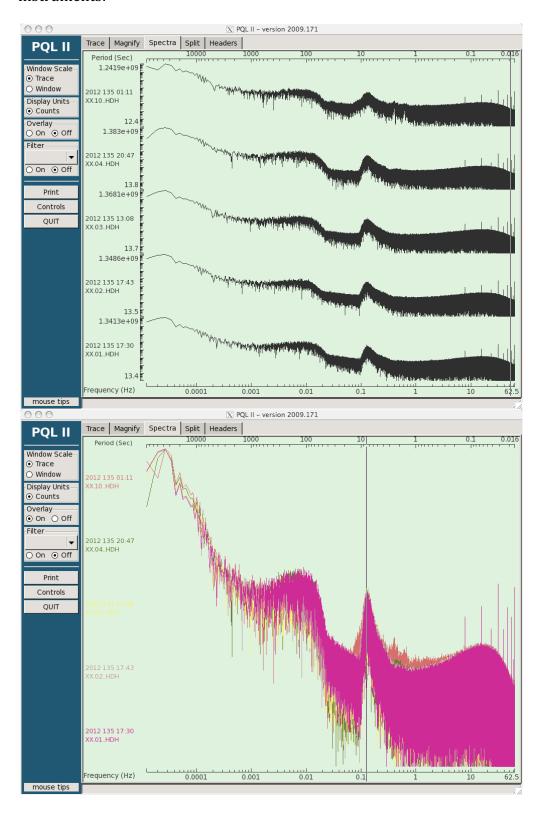
Spectra for 24 hrs of data on day 135 (\sim 5 days after deployment) for all 5 instruments:



Spectra for APG3 for days 130 to 149 showing the change: X PQL II – version 2009.171 Trace | Magnify | Spectra | Split | Headers **PQL II** Period (Sec) -Window Scale 0.0 2012 149 13:08 2012 149 15.66 XX.03..HDH 2648 Trace O Window Display Units 0.0 2012 148 13:08 Counts XX.03..HDH 206.2 Overlay ○ On ⊙ Off 0.0 2012 147 13:08 XX.03..HDH 38.1 Filter 0.0 On ⊙ Off 2012 146 13:08 XX.03..HDH 56.8 Print 0.0 2012 145 13:08 Controls XX.03..HDH 80.8 2.0704e+09 2012 144 13:08 XX.03..HDH 20.7 QUIT 0.0 2012 143 13:08 XX.03..HDH 30 0.0 2012 142 13:08 XX.03..HDH 184.3 0.0 2012 141 13:08 XX.03..HDH 5303.2 2012 140 13:08 XX.03..HDH 74.9 10 62.5 0.0001 Frequency (Hz) 0.001 0.1 mouse tips X PQL II - version 2009.171 Trace | Magnify Spectra | Split | Headers **PQL II** 10000 Period (Sec) Window Scale 1.3177e+09 Trace 2012 139 13:08 2012 155 XX.03..HDH 13.2 O Window Display Units 1.2232e+09 Counts 2012 138 13:08 Overlay On **o** Off XX.03..HDH 12.2 1.1594e+09 Filter 2012 137 13:08 XX.03..HDH 11.6 ○ On ⊙ Off 1.1621e+09 2012 136 L XX.03..HDH 11.6 2012 136 13:08 Print Controls 1.2262e+09 2012 135 13:08 XX.03..HDH 12.3 QUIT 1.2928e+09 2012 134 13:08 2012 134 15... XX.03..HDH 12.9 1.3869e+09 2012 133 13:08 XX.03..HDH 13.9 1.5638e+09 2012 132 1 XX.03..HDH 15.6 2012 132 13:08 1.837e+09 2012 131 15.0 XX.03..HDH 18.4 2012 131 13:08

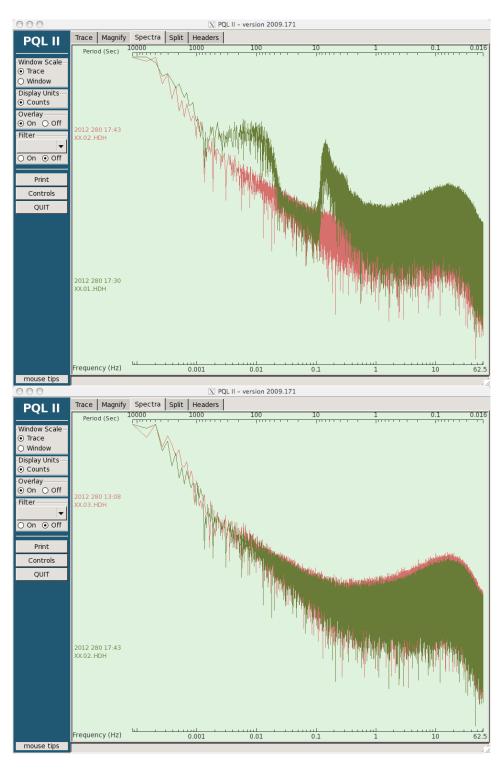
Frequency (Hz)

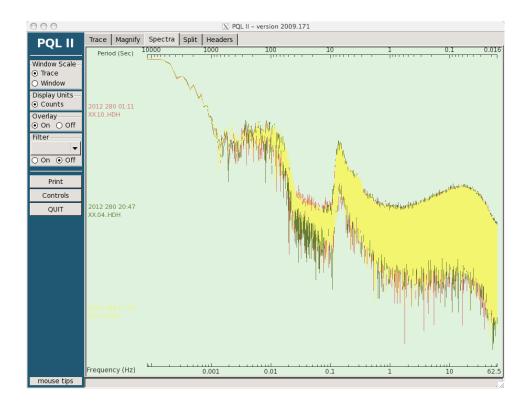
mouse tips

0.0001

0.001

Spectra for day 280. First plot compares APG 1 and 2. Second plot compares APG 2 and 3 (both having lost their humps). Third plot compares APG 1, 4 and 10 (the three that retained their micro-seismic and infra-gravity wave humps).





Finally, a 6-hr time window of DPG data (time series and spectra) from yr1 of the Cascadia Initiative. The two on the top are from shallow water sites. Note that with the exception of these two sites, all of the data show the microseismic peak and the 50 s hump. The SIO DPGs show tides; the others don't . I have not compared S/N in the microseismic band for sites at similar depth on the abyssal plain.

