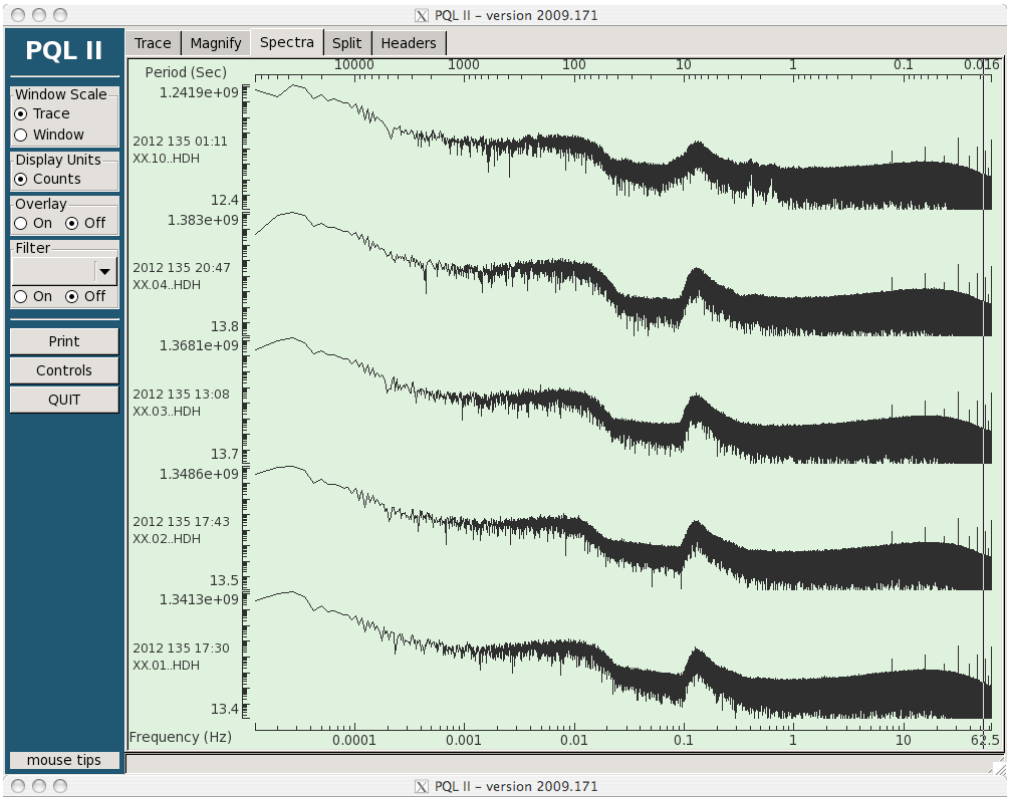
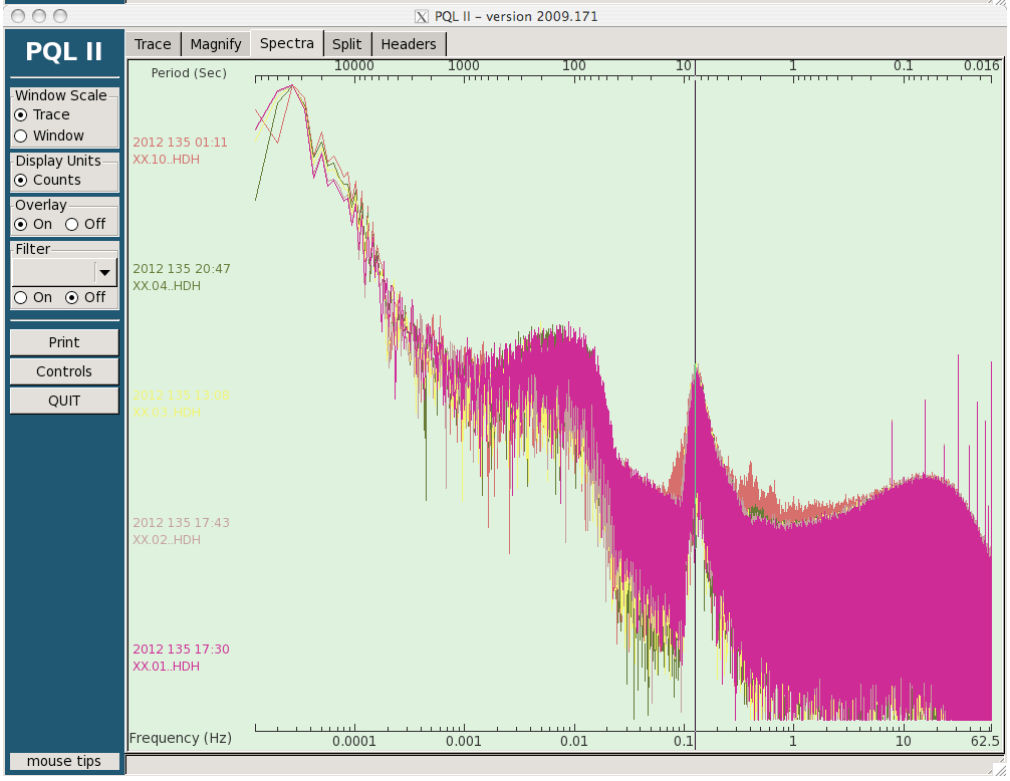
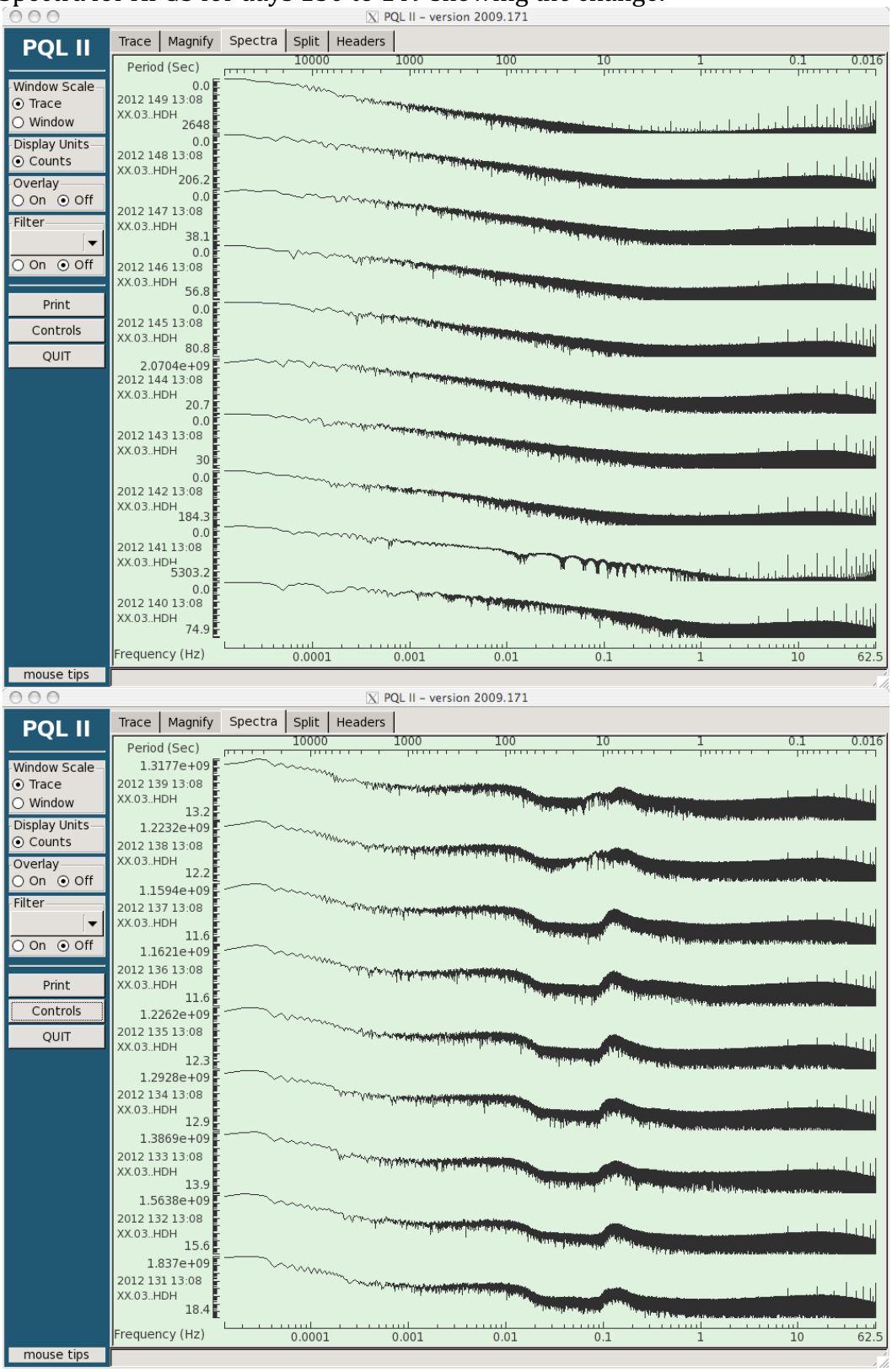
Spectra for 24 hrs of data on day 135 (~5 days after deployment) for all 5 instruments:

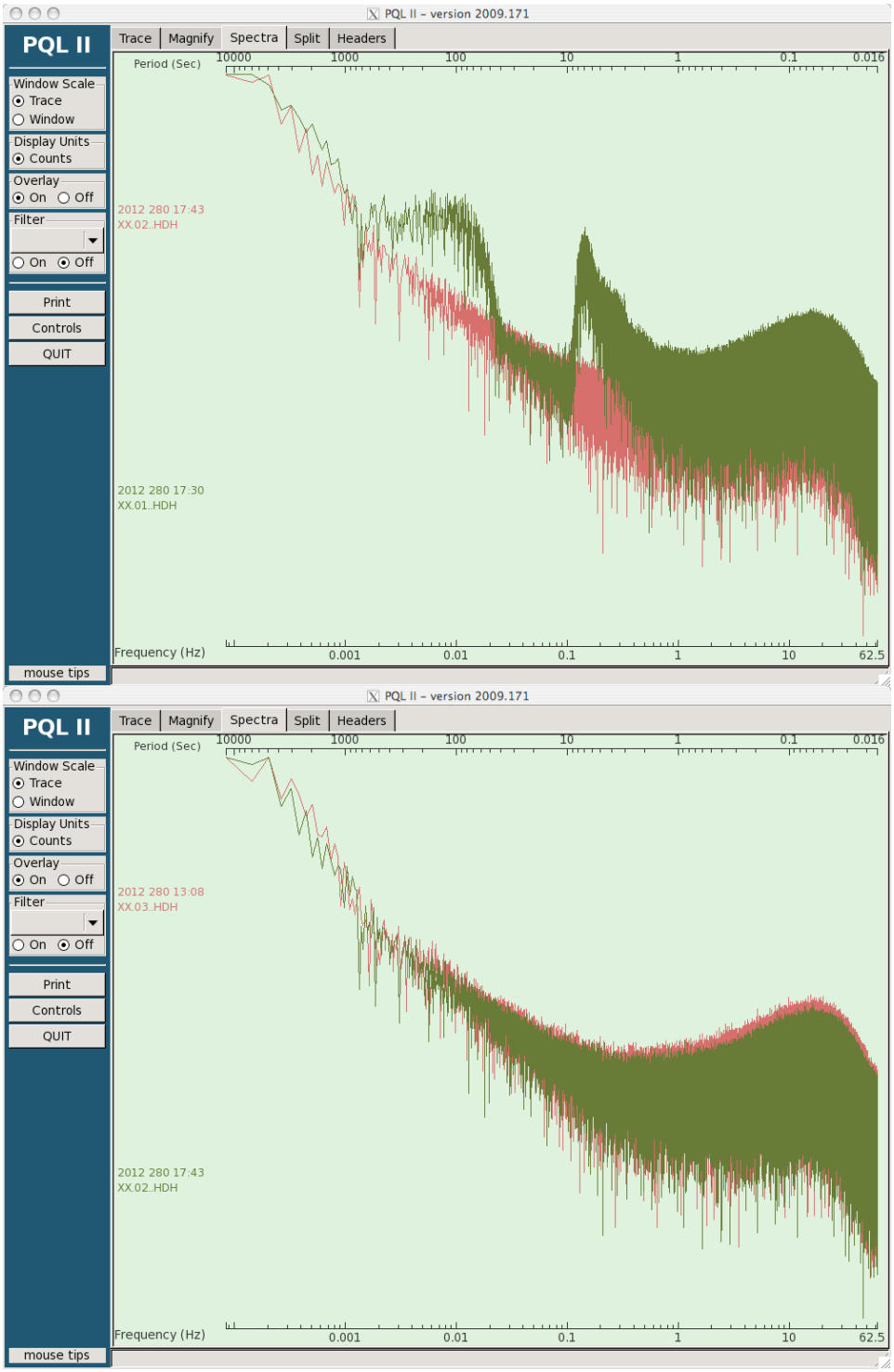


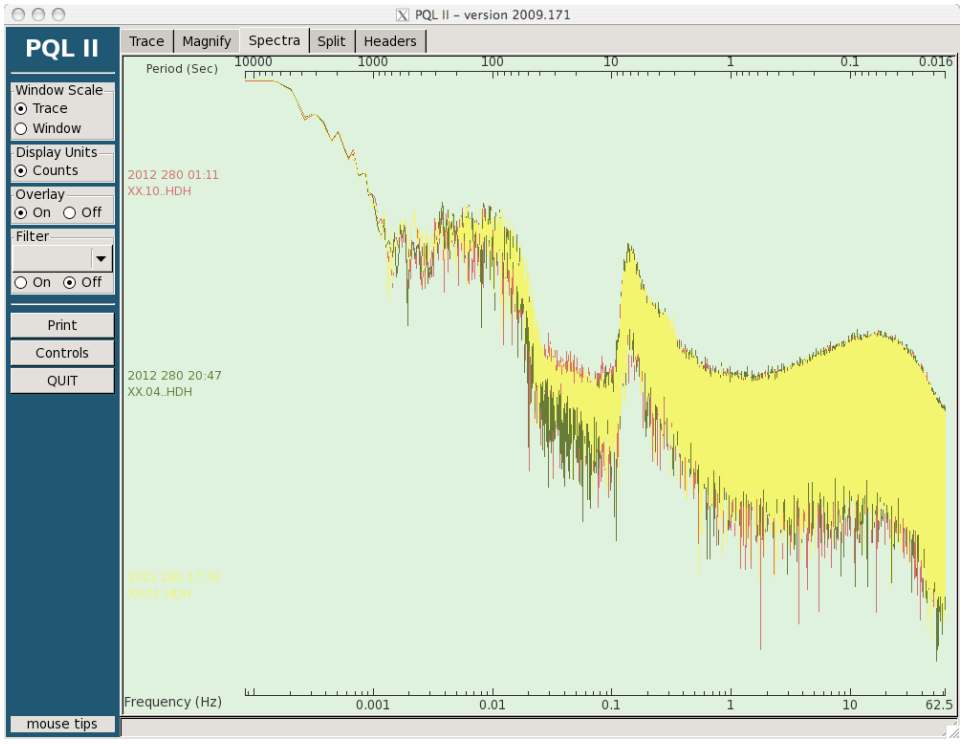


Spectra for APG3 for days 130 to 149 showing the change:



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).




PQL II – version 2009.171
PQL II
Trace
Magnify
Spectra
Split
Headers
Window Scale
Trace
Window
Display Units
Counts
Overlay
On
Off
Filter
On
Off
Print
Controls
QUIT
mouse tips
Period (Sec)
10000
1000
100
10
1
0.1
0.016
2012 280 01:11
XX.10..HDH
2012 280 20:47
XX.04..HDH
2012 280 17:30
XX.01..HDH
Frequency (Hz)
0.001
0.01
0.1
1
10
62.5

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.