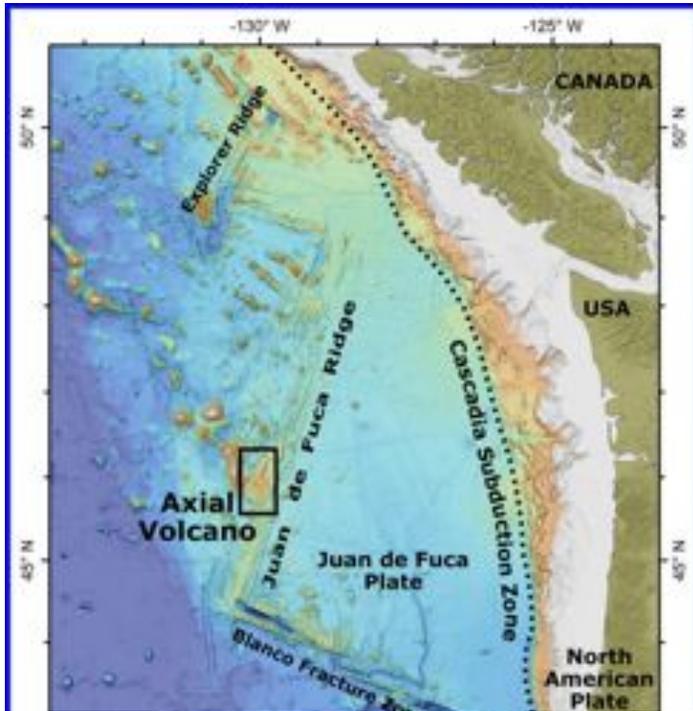


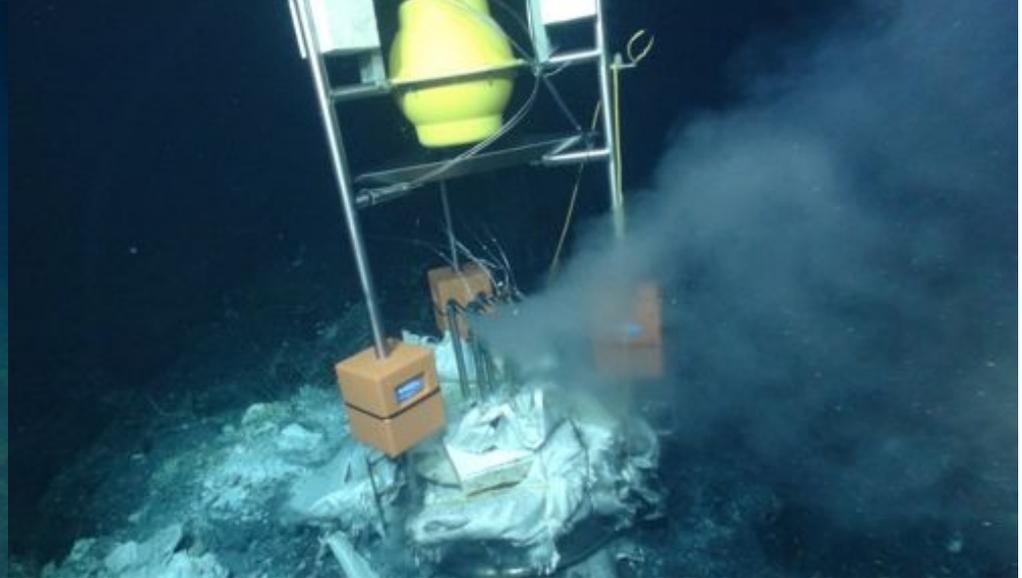
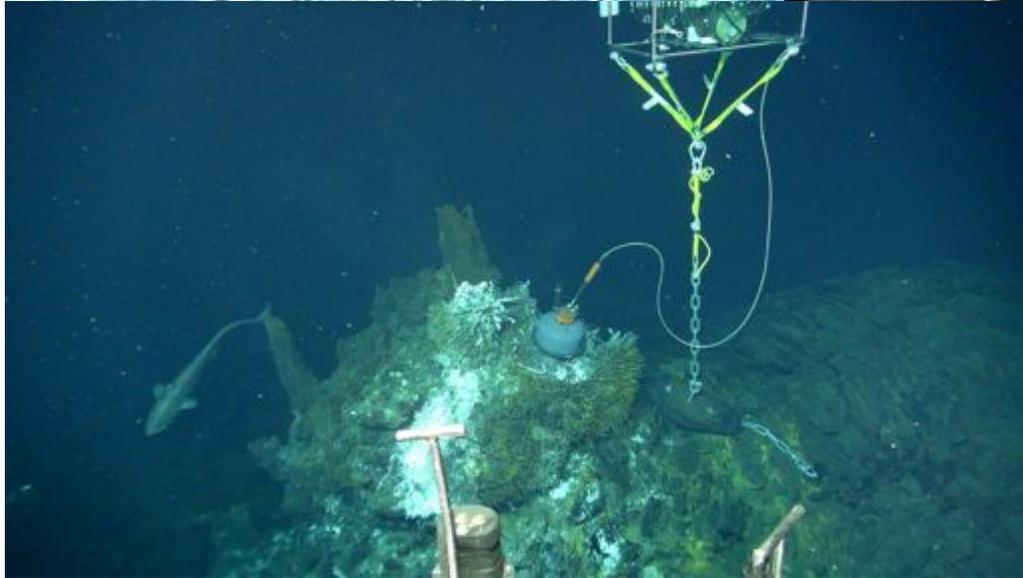
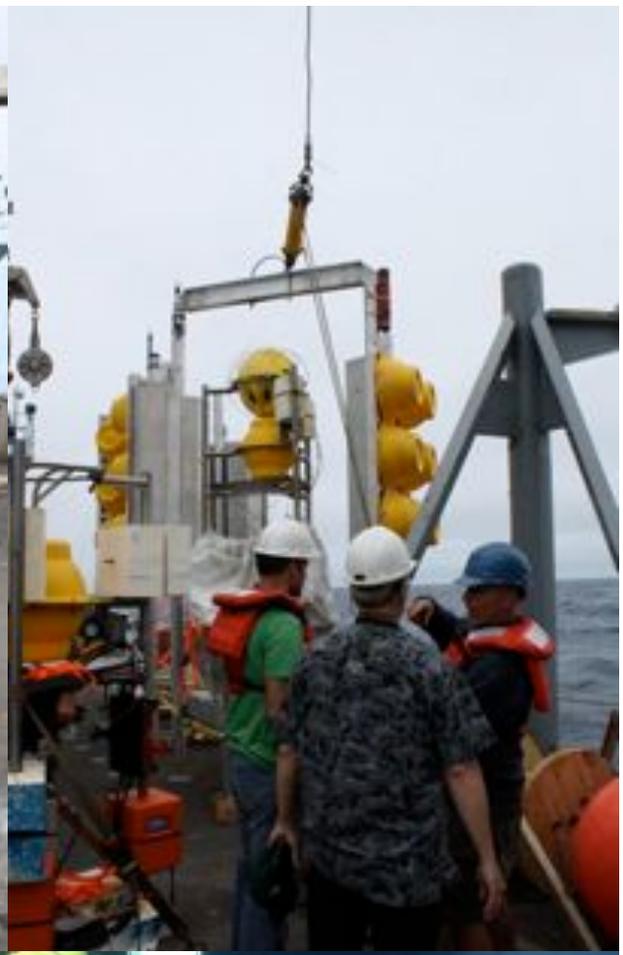
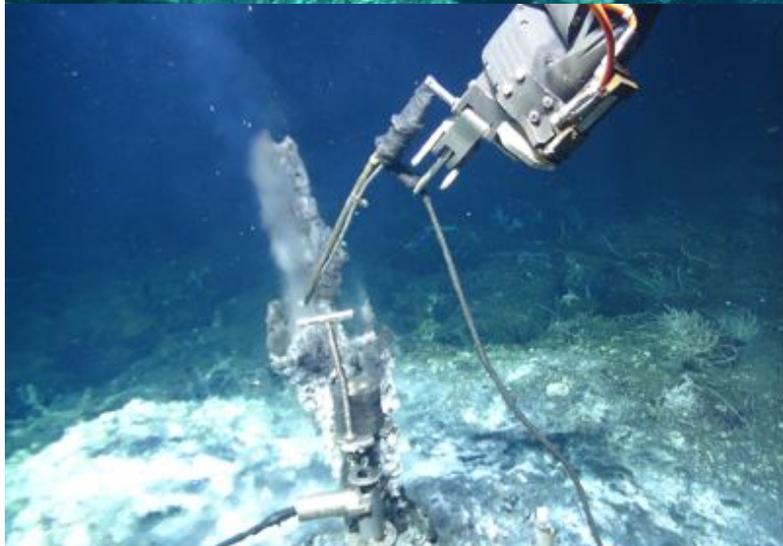
Axial 2013 Expedition (TN300)

R/V Thompson – Sept 3-19, 2013, Seattle-Seattle

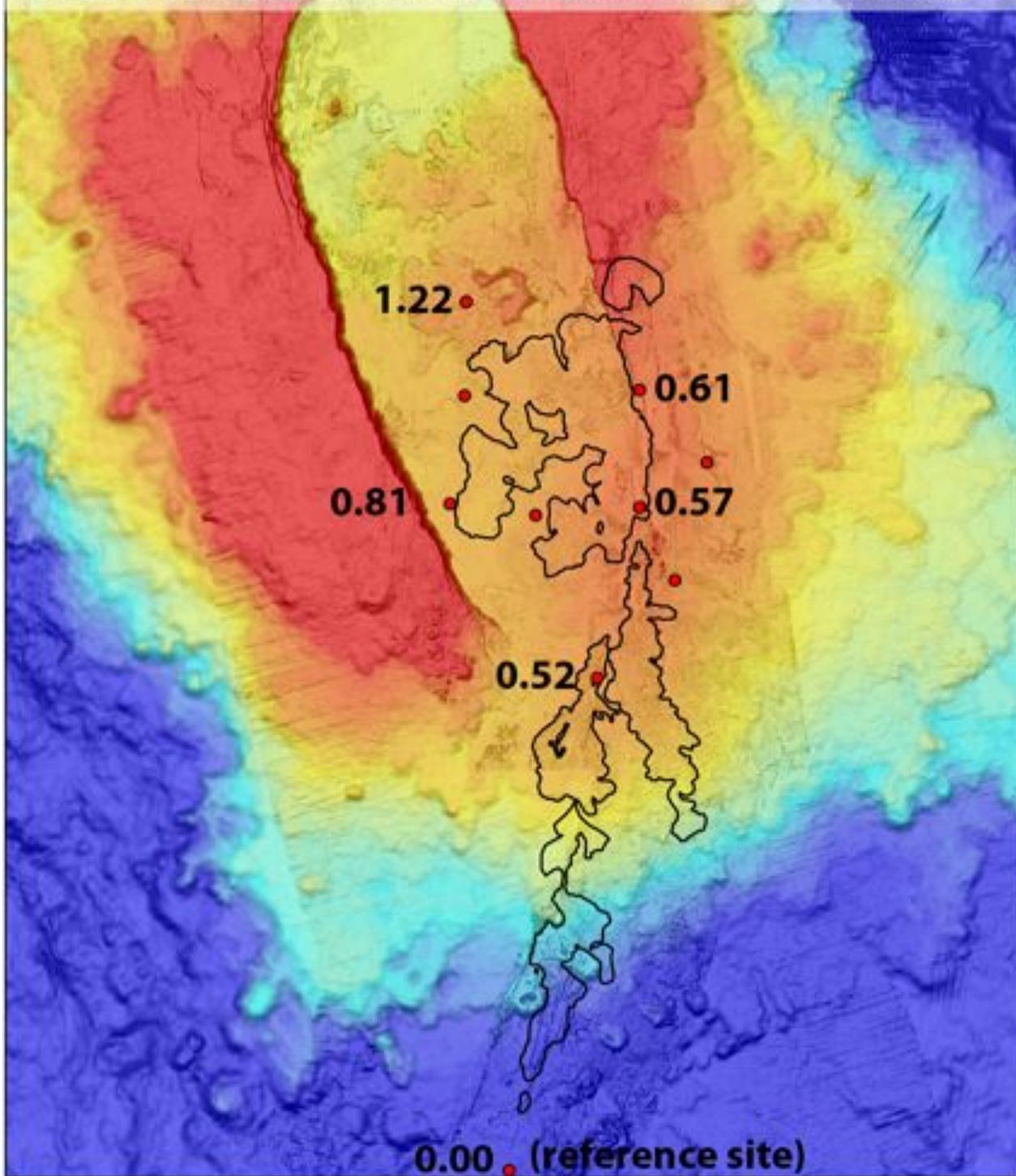


3 piggybacked Jason programs:

- Nooner/Chadwick: seafloor geodesy (NSF – Ocean Sciences) – 6 dive days
- Butterfield: time-series fluid and microbial sampling (NOAA/PMEL & Moore Foundation) - 3 dive days
- Dyer: geothermal energy experiment (Office of Naval Research) – 3 dive days
- 7 Jason dives; longest ~ 5 days
- Total of ~200 hours of bottom time
- Jason vehicle & at-sea team: excellent



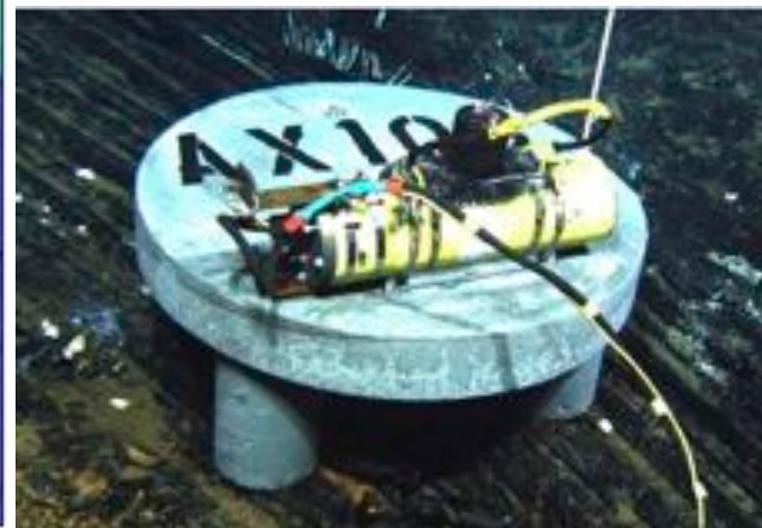
UPLIFT IN METERS FROM JULY 2011 TO SEPTEMBER 2013



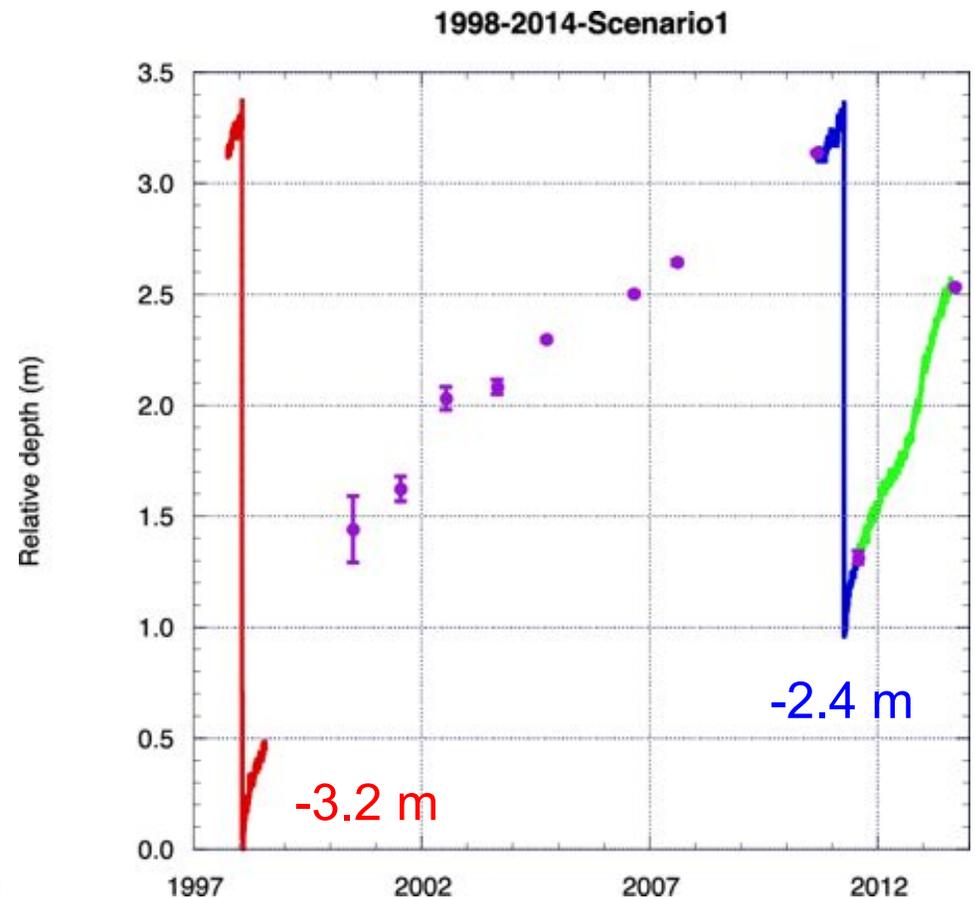
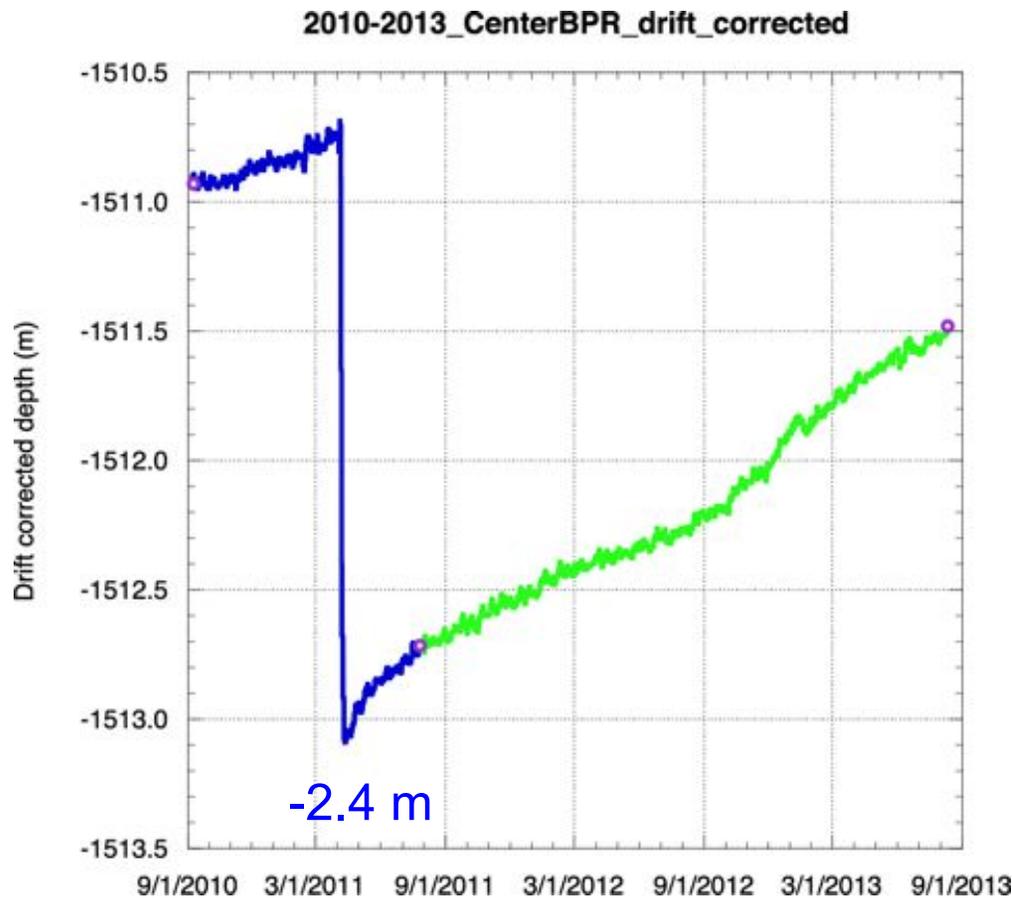
BPR = Bottom Pressure Recorder



MPR = Mobile Pressure Recorder

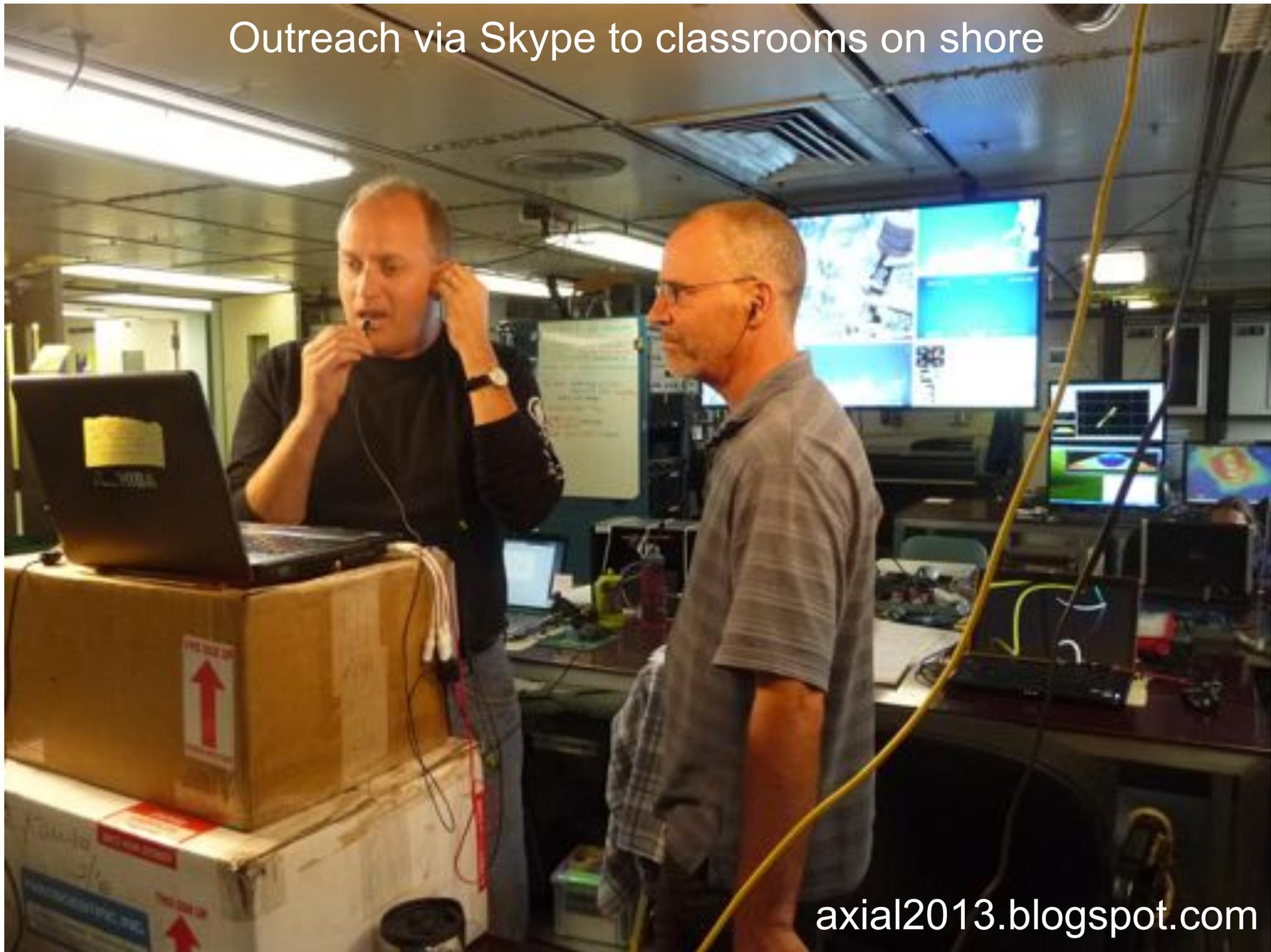


AGU: Nooner et al. G14A-04, Monday @ 4:45pm



- BPR-Center: 1.22 m uplift in 2 yrs; 61 cm/yr
- Since 2011: $1.22 + 0.35 = 1.57$ m of re-inflation
- 65% of -2.4 m of deflation in 2011
- Only 1-4 years to re-inflate to 2011 level (2015-2018)

Outreach via Skype to classrooms on shore



axial2013.blogspot.com