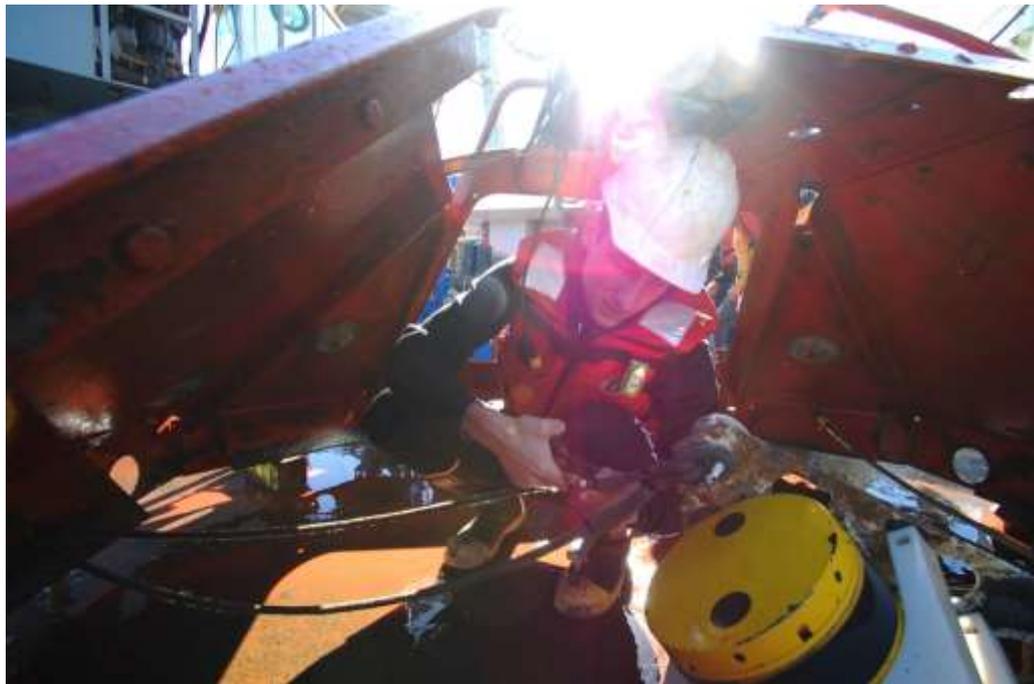


Ocean Bottom Seismograph Instrument Pool

Brent Evers

Incorporated Research Institutions for Seismology



OBSIP - Organization

- Managed by IRIS
 - OBSIP Management Office
- Institutional Instrument Contributors
 - Lamont-Doherty Earth Observatory
 - 60 instruments
 - Scripps Institution of Oceanography
 - 115 instruments
 - Woods Hole Oceanographic Institution
 - 75 instruments



OBSIP Instruments

- Long Period (Broadband)
 - 160 instruments
 - Used for passive recording
 - Recording time of 1 year
- Short Period
 - ~90 instruments
 - Used for active recording
 - Recording time of months
 - Often used in conjunction with seismic vessel Langseth
- Pressure Gauges
 - Differential and Absolute



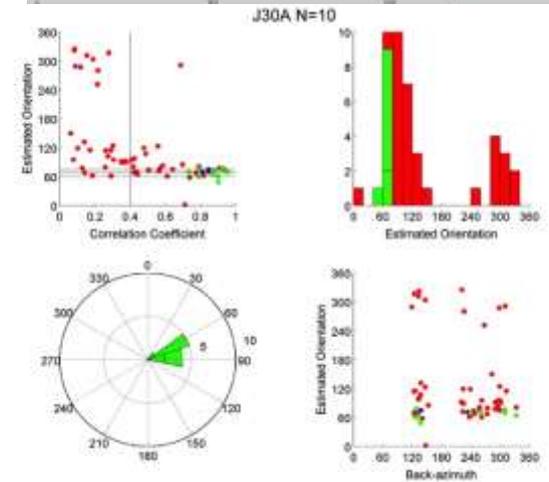
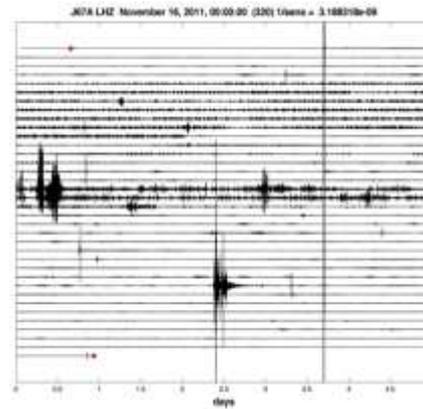
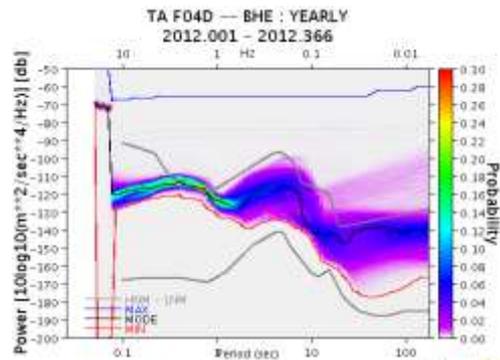
OBSIP 2016 Operations

- Mid Atlantic Ridge
 - PI: Reece
 - Instruments: 35 BB
- Yellowstone Lake
 - PI: Sohn
 - Instruments: 2 BB
- Chile
 - PI: Trehu
 - Instruments: 50 SP



OBSIP Data

- Open to any user
- Available at the IRIS Data Management Center
 - <http://www.iris.edu/mda/OBSIP>



Strategic Goals

- Provide high quality data on time
- Prepare the facility to operate at the next level
- Provide high return on NSF investment
- Transform OBSIP from three independent labs into an integrated facility
- Make OBSIP operations routine



Specific Goals

- Quality
 - Move OBSIP toward a more process and procedure driven facility
- Technology
 - Ensure instrumentation meets scientific needs
 - Develop a more uniform fleet of instruments

Specific Goals

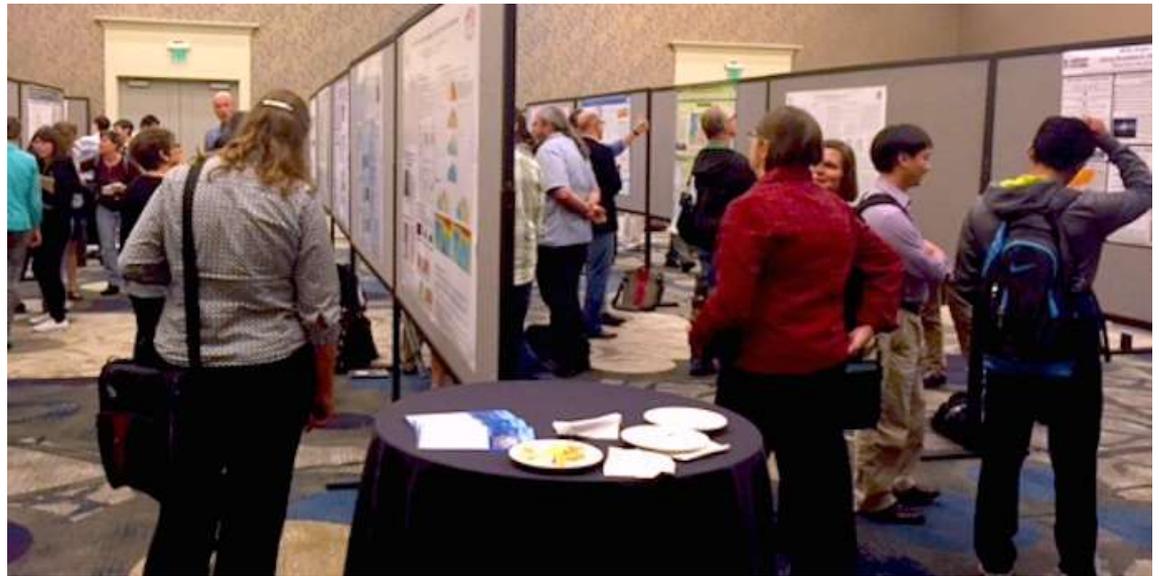
- Service and Transparency
 - Exhibit facility operations through data
 - Ensure science community confidence in OBSIP data
- Savings
 - Ensure facility cost effectiveness
 - Task based management
 - Continual refinement of budget process
 - Evaluation of facility structure

Specific Goals

- Community Presence
 - Increase OBSIP visibility to entire geophysics community
 - 2015 OBS Workshop
 - Continued community engagement

2017 OBS Symposium

- Two Day Symposium in October
- 20 OBS Science and Technology Talks
- 40 OBS Science and Technology Posters
- ~110 Attendees
 - Academia
 - Industry
 - Government



- Hope to see you there!

OBSIP More Information

- www.obsip.org
 - OBSIP Information
 - News
 - Funding Opportunities
 - Webinars
 - How to plan experiments
 - Contacts
 - Past experiment information
 - Instrument details
 - Experiment planning info
 - Instrument request forms
 - Cruise and data evaluations
 - Instrument Use Policies and Procedures
 - Data Information
 - Virtual network info
 - Access methods



- ObsipTec – OBSIP/General OBS Mailing List

OBSIP – Thank you!

- Contact:
 - Brent Evers
 - brent.evers@iris.edu
 - 202-407-7003
- www.obsip.org

