



Ocean Observatories Initiative

Overall Project Status

OOI is in the final months of the construction effort

- Four Global Sites: INSTALLED & UNDER TEST
 - Irminger, Station Papa, Argentine Basin, Southern Ocean.
 - Each site has 4 moorings and 5 gliders.
- Two Coastal Sites: COMPLETE BY JUNE – Some accepted
 - 22 moorings
 - 12 gliders
 - 2 AUVs, dock, fuel cell – will require extension – test delayed in winter 2015
- Cabled Array: INSTALLED & UNDER TEST
 - 900km of cable on the seafloor of the Juan de Fuca plate.
 - Enables power and bandwidth for instruments/data flow
- Integrated Cyberinfrastructure – COMPLETING BUILD
 - Alpha User Test – in May/June – accept facility
 - Beta Testing – July
- NSF Dear Colleague Letter --- Summer 2015 announcing facility availability and information to the community



Ocean Observatories Initiative

UNOLs Ship days

- OOI Ship Days

Total Global 2014	150	
Total Global 2015 YTD	90	
Total estimated 2015 Jan-Dec	189	
Total Intermediate 2014	16	
Total Intermediate YTD	12	
Total estimated 2015 Jan-Dec	30	



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Coastal Arrays Deployment - Status

Spring 2015: Installation to be complete – except technology items

Endurance: 6/8 moorings, 4/6 gliders

Pioneer: Deployment is in progress



OSU team deploys gliders

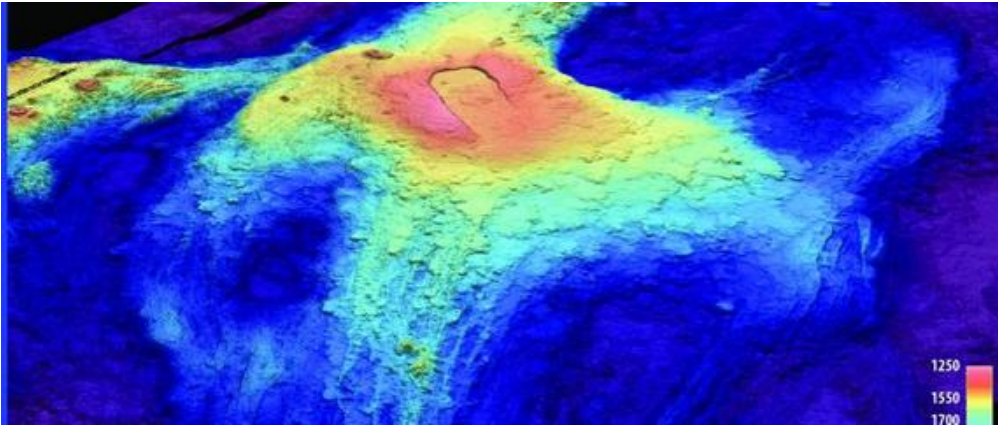


Atlantis: Pioneer Port Side Deck Load – WHOI dock



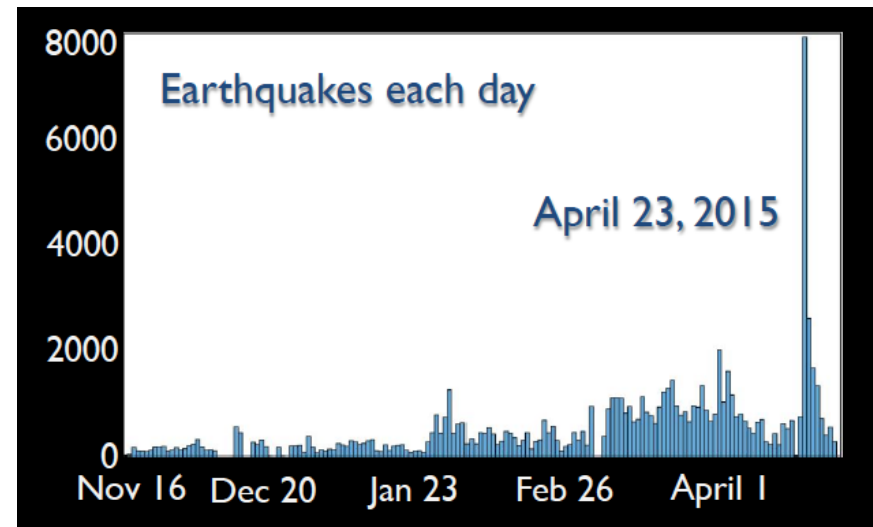
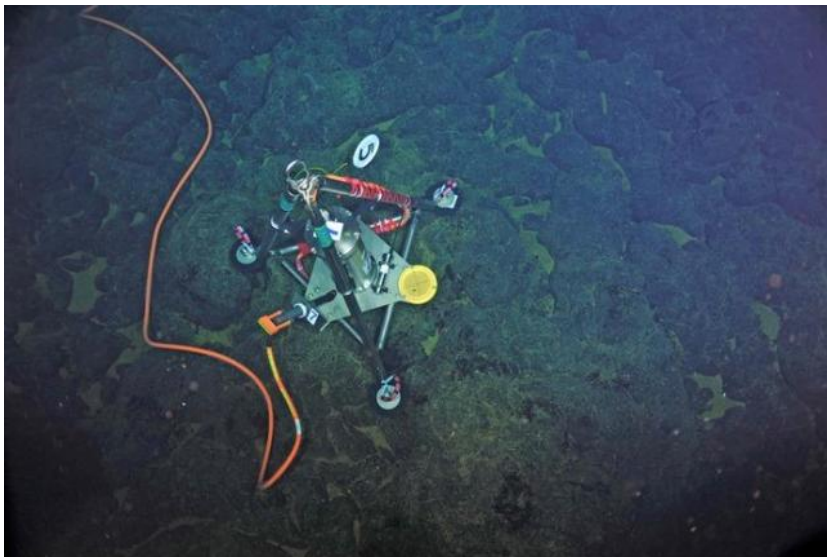
Cabled Array Status – installed/under test

OOI Early data – first ever prediction of volcanic seafloor activity – Axial Event



Pre-commissioned data from OOI for seismometers is flowing to IRIS – pressure by Friday

Thanks to OL/UW for ceasing all testing, redirecting pressure data to the community

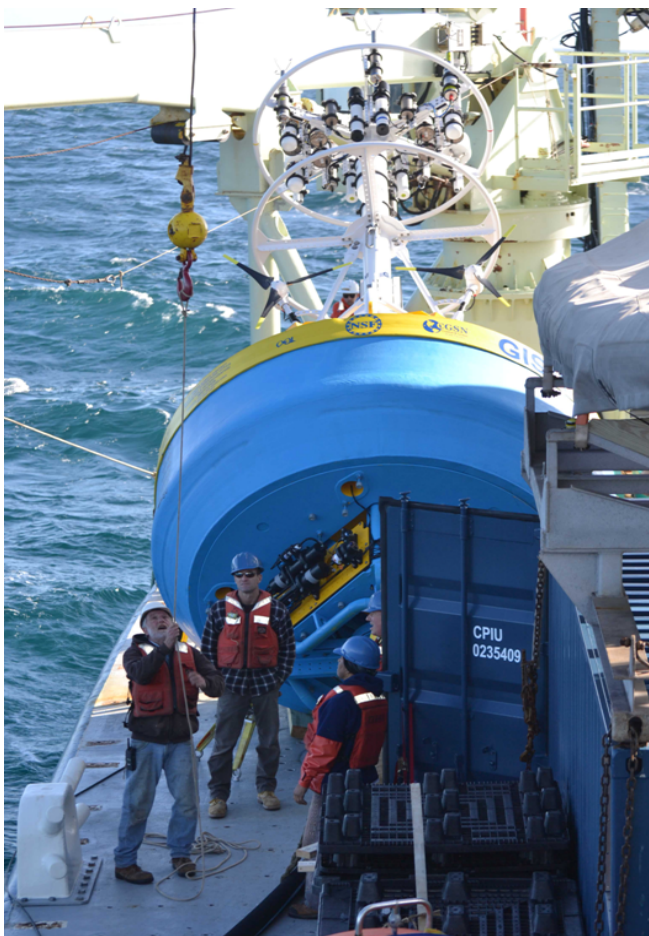




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Global Arrays Deployment - Status

4 of 4 sites deployed: Irminger Sea & Station Papa





Ocean Observatories Initiative

Transition to Operations

- OOSC
 - 2 Science Workshops are in the planning phase – Fall 2015
 - Recommendations about data quality and assessments received by NSF & Implemented by OL – first one was in February, next 2 are in June 2015
- Cyberinfrastructure Challenges & Recovery
- Transition Activities
 - Data Management Standup
 - 2015 Equivalent to “Science Trials”
 - Operational Mooring Turns