



Ocean Observatories Initiative

Overall Project Status

- OOI is in the final months of the construction effort
 - Four Global Sites:
 - Irminger, Station Papa, Argentine Basin, Southern Ocean.
 - Each site has 4 moorings and 5 gliders.
 - Two Coastal Sites:
 - 22 moorings
 - 12 gliders
 - 2 AUVs
 - Cabled Array:
 - 900km of cable on the seafloor of the Juan de Fuca plate.
- Project planned to complete June 2015 under pending No Cost Extension and within Total Project Cost of 386.42M



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Global Arrays Deployment - Status

2 of 4 sites deployed: Irminger Sea & Station Papa
March 2015: Argentine Basin & Southern Ocean





Ocean Observatories Initiative *Coastal Arrays Deployment - Status*

Fall 2014: 14 of 20 planned moorings
and 9 of 12 planned
gliders deployed

Spring 2015: Installation to be
complete



Top:
Glider Deployment

Left:
Surface Piercing
Profiler Deployment

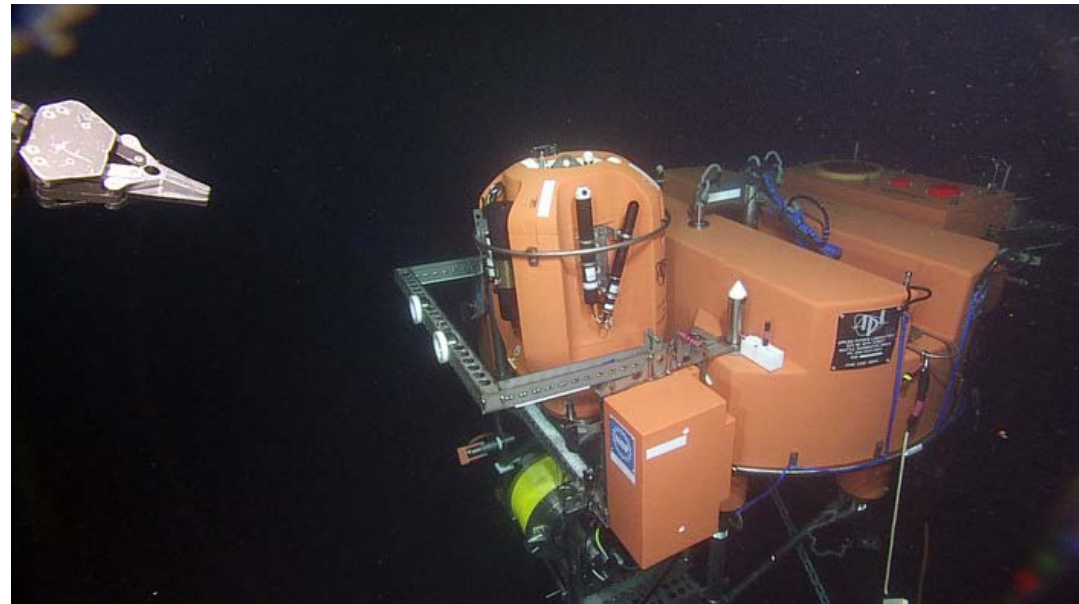
Center:
Profiling Surface
Buoy Burn-in



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Cabled Arrays Deployment - Status

Cable Installed and Accepted
Instruments and Moorings installed
Sept 2014: 87 day cruise completed
Instrument power-up & testing in progress



Left: 200 m Profiler Platform on Deck
Right: Profiling Pod (with instruments) on seafloor



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Overall Project Status

- Cyberinfrastructure Delivery
 - Alternate software solution proven successful with no bugs
 - Project Recovery with integrated CI in progress
- Marine Deployments
 - Additional Spring 2015 weather window required for completion
 - Ocean Glider Quality (aft end leaks) Resolution in progress
- Project planned to complete June 2015 under pending No Cost Extension and within Total Project Cost of 386.42M



Ocean Observatories Initiative

Transition to Operations

- OOSC
 - 2 Science Workshops are in the planning phase
 - Recommendations about data quality and assessments received by NSF
- Cyberinfrastructure Challenges & Recovery
- Transition Activities
 - Data Management
 - 2015 Equivalent to “Science Trials”
 - Operational Mooring Turns