

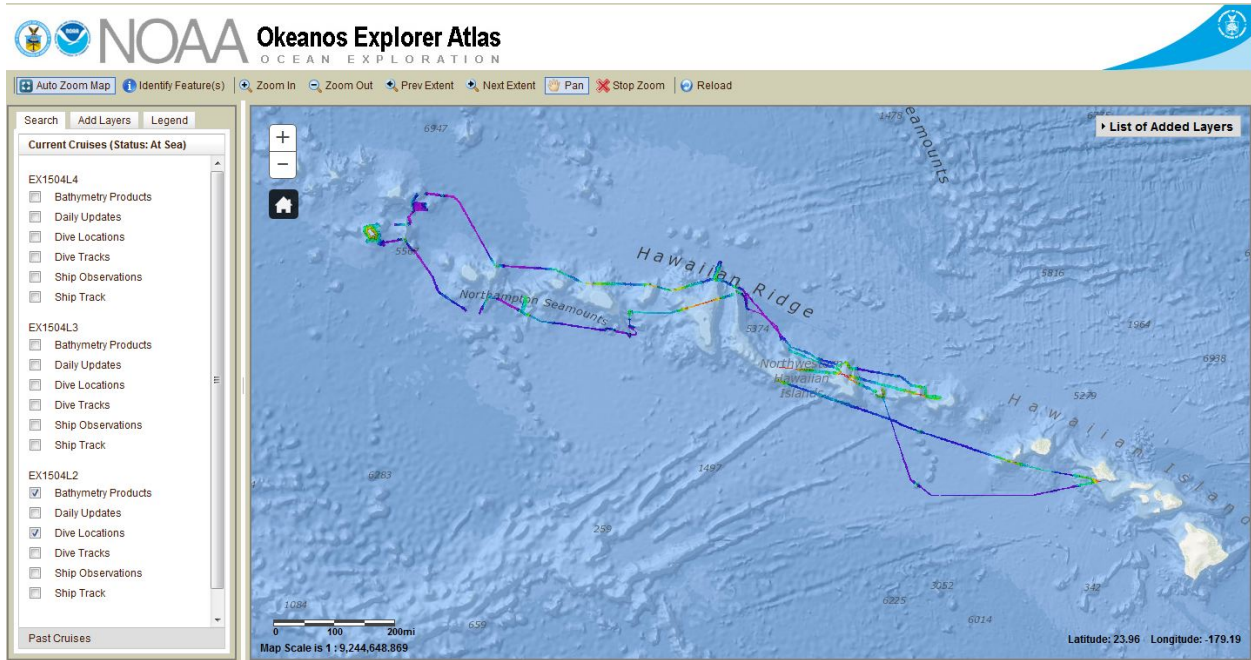
OER Data Management Team Mission Report EX1504L2 (Jul 31 – Aug 22, 2015)

The EX1504L2 [Data Management Plan](#) described the following objectives, which were mostly met.

- *Develop data management pipelines and procedures for sampling operations.*
- *Provide assistance in user interface for sampling database.*
- *Cross train two from ROV team on on-board data management procedures.*
- *Test the ability to record high definition video footage of a full dive onboard the ship.*
- *Develop and test protocols and procedures for handling the data from the Telestream video recording system.*

Training was provided for Josh Carlson and Andrew O'Brian on shipboard data management. Documentation and network / workflow schematics were created and posted to the shipboard TRAC server hosted by the data warehouse. End to end video captures were performed after hard wiring the output from the Zeus+ camera on the D2 ROV to the pipeline systems. Audio is not yet integrated with this system and it is not yet hooked to the video router. Captured video was provided to the expedition chief scientist (Christopher Kelley), but as they are beta products of uncertain quality is not expected to go to archive. Additional shipboard storage was installed and configured for sonar product storage. Additional development of the end-to-end ProRes video capture will continue throughout the FY16 field season. Sample data management procedures were developed and installed on the shipboard data warehouse and network attached storage.

The [mission ISO metadata record](#) has been updated to reflect the cruise has taken place.



Data Throughput

Project Instructions Received	Data Management Plan Delivered	ISO Collection Level Metadata Published	Cruise End	Data Received	Final Data Archive Complete	Cruise End to Archive
7/28/2015	7/16/2015	9/22/2015	8/22/2015	9/22/2015	11/12/15	83 days

Data and Information Access

Oceanographic Archive	Geophysical Archive	Library Catalog	Total Archived Volume
1852 files (10.9 GB)	5182 files (127 GB)	361 files (7.36 GB)	145.26 GB