



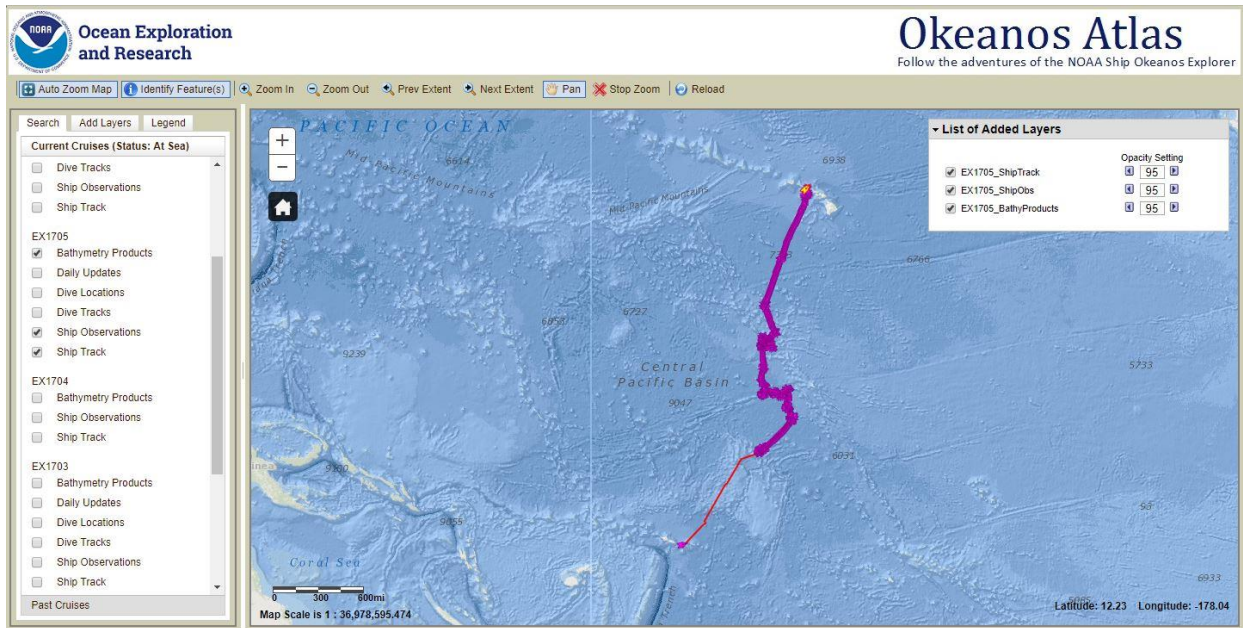
OER Data Management Team Mission Report EX1705 (Apr 27 – May 19, 2017)

The EX1705 [Project Instructions](#) described the following objectives, which were mostly met.

- Acquire data to support priority Monument and Sanctuaries science and management needs, including habitat surveys in recently expanded boundary areas;
- Identify and characterize vulnerable marine habitats - particularly potential locations for high density deep sea coral and sponge communities;
- Characterize seamounts within the Prime Crust Zone (PCZ). The PCZ is the area of the Pacific with the highest expected concentration of deep sea minerals, including rare metals and rare earth elements;
- Collect information on the geologic history of Central Pacific Seamounts, including those that are or may be relevant to our understanding of plate tectonics and subduction zone biology and geology; and
- Provide a foundation of publicly accessible data and information products to spur further exploration, research, and management activities.

During this mission, sample data manager duties were performed by Amanda Netburn. There was an initial issue with SeaScribe connecting to the ship, which persisted for several days. A couple of ProRes videos were requested by the media and were transferred to shore. When performing QA checks on a dive, it was noticed that 30 seconds of a video recording was missing. The video was recovered and Telestream was notified of the issue. They added more in-depth checks to prevent a recurrence. Other data streams went through similar checks.

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
3/31/2017	3/31/2017	6/26/2017	5/19/2017	6/23/2017	7/28/17	70 days

Data and Information Access

Oceanographic Archive	Geophysical Archive	Library Catalog	Total Archived Volume
14203 files (13.7 GB)	4851 files (165 GB)	16 files (.02236 GB)	178.7 GB