

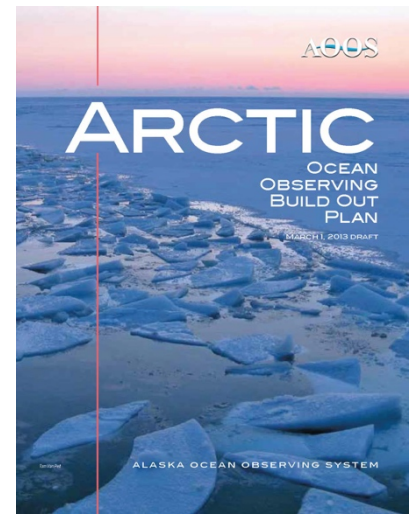
with the IOOS program. One of the awards is in its 6th year (with a no cost extension until May 31, 2017), the other 5-year award began June 1, 2016.

IOOS Certification – We received review comments back from the IOOS National office, and will be addressing them in the next few weeks.

Updating the AOOS build-out plans – Molly and Carol have begun meeting with PIs and other partners to discuss updates to the AOOS statewide and Arctic build-out plans. So far we’ve been to Fairbanks and to Juneau. We will be seeking additional input during the poster sessions at the Alaska Marine Science Symposium.

AOOS-Arctic ERMA – Staff from both programs held their quarterly meeting to share the latest in their activities and discuss future data sharing and collaborations.

Water Levels Update – Molly briefed the National Weather Service’s Alaska regional office on the status of pilot projects for alternative water level observations in western Alaska. One of the projects would pilot the use of GPS reflectometry observations for water levels, and is being tested in Seward this winter.



PROPOSALS & NEW GRANTS

National Academy of Sciences - AOOS received a \$530,000 grant from the National Academy of Sciences' Gulf Research Program for a proposal we submitted last summer to synthesize ship tracking data, oil spill model results and subsistence use information into an interactive tool.



EVOS Trustee Council – AOOS received a \$218k one-year award from the *Exxon Valdez* Oil Spill Trustee Council for Data Management services of the Gulf Watch Alaska and Herring Research and Monitoring programs. This program, just concluding its first five years, is anticipated to extend at least another 5 years, and potentially a total of 20 years.

Saltonstall-Kennedy Program - AOOS and partners submitted a proposal to NOAA’s Saltonstall-Kennedy program for the placement of instruments on commercial fishing vessels in the Bering Sea to collect important oceanographic data in places with few observations.

Arctic Domain Awareness Center - AOOS submitted a proposal in collaboration with Axiom and the Marine Exchange of Alaska to the ADAC’s Arctic Incident of National Significance program for a joint AIS vessel tracking project.

IOOS ACTIVITIES

D.C. meetings – As a member of the IOOS Association Executive Committee, Molly spent 3 days in Washington DC November 14-17 with the IOOS Program Office planning for the transition and upcoming activities. She was also able to attend a portion of the Polar Research Board meeting and the Ocean Studies Board’s committee on ocean observations, as well as brief staff from Senators Sullivan and Murkowski’s office on the upcoming OA and HABS workshops.

IOOS Association Executive Committee, Board and Outreach Committee – Molly participated in several IOOS Association Board and Executive Committee meetings during this period, and Holly participated in the IOOS Association Education and Outreach Committee meeting.

MEETINGS & CONFERENCES

Alaska Climate Thresholds – On November 10 AOOS held a meeting at the request of NOAA’s National Ocean Service to collect information on how the concept of climate thresholds relates to coastal management. Molly hosted this online event and scheduled professionals in the field of ocean resource management to speak on five different topics. Read more and [access the presentations](#).

Alaska Sea Grant Advisory Committee – As a member of the advisory committee, Molly participated in the committee’s deliberations November 7-8 in Anchorage.

Coastal Resiliency Workshop – AOOS provided some financial support and helped with planning for a workshop in Kotzebue December 7-8. The workshop was the final one in a series of coastal resiliency and adaptation workshops hosted by USFWS Landscape Conservation Cooperatives and the Aleutian Pribilof Island Association.

Chugach School District In-Service – Holly and Axiom’s Will Koeppen gave an AOOS 101 presentation for 25 teachers and staff highlighting potential uses of the AOOS data portal as a teaching tool.

IMO Polar Code Workshop – Molly presented on AOOS and participated in discussions at a 1-day workshop November 29 on the Polar Code sponsored by UAF’s Lawson Brigham.

DATA MANAGEMENT

Shell Data Rescue Proposal – AOOS worked with Axiom on a proposal to the North Pacific Research Board to store and curate 220 terabytes of acoustic data acquired by Shell over a 10-year period in the Chukchi and Beaufort Seas. The data represents millions of dollars in investments by Shell, and if the proposal is funded, would become available to the greater scientific community.

Next Generation Capabilities – The AOOS data management team at Axiom continues to make progress on implementing the next generation AOOS data system. These new capabilities which will be exposed through the AOOS website over the next 3 to 6 months include the ability to visualize and interact with four-dimensional ocean data (gliders and water column cruise sampling) in addition to generate seasonal comparison and climatology tools for long term sensor time series.

UPCOMING EVENTS

Jan 4-5 NOAA Ocean Acidification Program meeting – Seattle (Darcy)

Jan 11 Consortium for Ocean Leadership meeting – Dallas (Molly)

Jan 12-13 International Arctic Observing Assessment Framework Workshop – Arlington (Molly)

Jan 23-27 Alaska Marine Science Symposium

Feb 6-19 Alaska Forum for the Environment (ocean acidification session included)

Molly, Carol, Holly, Darcy, and Rob