INTEGRATED OCEAN OBSERVING SYSTEM (IOOS) ANNUAL
DATA MANAGEMENT AND COMMUNICATIONS (DMAC) MEETING
AGENDA

June 2-3, 2016

NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION (NOAA)
SILVER SPRING COMPLEX, BUILDING 3
ROOM 4527
1315 EAST-WEST HIGHWAY
SILVER SPRING, MARYLAND

List of Participants ([link](#))

Thursday, June 2nd

0830 Coffee, Security, etc.

0900 Welcome from Carl Gouldman, IOOS Deputy Director

0930 IOOS Data Management Path Forward (Derrick Snowden - IOOS and Molly McCammon - Alaska Ocean Observing System (AOOS))
- Data Management vision and goals: Reprise presentation to the Regional Association (RA) Executive Directors at the Spring 2016 meeting.
- Invite discussion on creating a 5-year vision for where we're headed
- Introduction to new Operations Division and discussion of expectations from Regional DMAC team for Operations

1045 Break

1100 IOOS Catalog (Luke Campbell - RPS-ASA, Micah Wengren - IOOS)
- Introduction to the http://www.ioos.us/ web site, goals, etc.
- Catalog enhancements and service registration plans
- Catalog data and visualization service integration
- Catalog harvesting through Web Accessible Folder (WAF)/Catalog Service for the Web (CSW) and discussion of requirements
- Asset inventory spreadsheet and automation possibilities (Rob Ragsdale - IOOS)
  - Present the need and the current spreadsheet
  - How do the regions currently manage this information?

- o What is realistic given the state of metadata currently?
- o Review the status of the current "automated" asset inventory to determine a plan for figuring out the issues.

1200   Lunch

1300   How Docker will make life easy for the RAs (Kyle Wilcox -Axiom)

1330   Quality Assurance of Real Time Oceanographic Data (QARTOD) Implementation (Luke Campbell - RPS-ASA)
- Status of Mid-Atlantic Regional Association Coastal Ocean Observing System (MARACOOS) implementation, QARTOD for glider.
- Update on when other RAs can leverage work.

1400   Compliance Checker (Luke Campbell - RPS-ASA, Kyle Wilcox - Axiom**)**
- Update/demonstration
- Show archiving, glider Data Assembly Center (DAC), QARTOD applications
- Discuss mapping Sensor Observation Service (SOS) to Network Common Data Form (NetCDF) NOAA National Centers for Environmental Information (NCEI) template; Updates to the Uniform Resource Name (URN) scheme (Kyle/Alex)

1430   Break

1445   Regional Archiving (Jen Bosch - IOOS, Matt Biddle - NCEI)
- Update regional archiving plans and implementation process
- Discuss the NCEI archiving cookbook
- Demo of Gulf of Mexico Coastal Ocean Observing System (GCOOS) tool to create archive packages (Felimon - GCOOS)

1530   Better Python Packaging with Conda-Forge (Filipe Fernandes - Southeast Coastal Ocean Observing Regional Association (SECOORA))

1545   IOOS Catalog and Service Requirements to Support Catalog-Driven Workflows (Rich Signell - United States Geological Survey (USGS))

1600   [Water Quality Portal](Jim Kreft - USGS) (Jim Kreft - USGS)

Friday, June 3rd

0900   NCEI's OneStop Project (Ken Casey, NCEI)

- ***OneStop*** supports NOAA's efforts by leveraging existing catalog and access technologies to develop an improved data access framework that will provide improved discovery, access, and visualization services for the highest quality data that NOAA has to offer.

0945 **Environmental Data Server** and **Environmental Sensor Map** (Kathy Bailey - IOOS, Kelly Knee - RPS-ASA, Rob Bochenek - Axiom)

1045 **Break**

1100 **Marine Biodiversity Observation Network (MBON)** (Gabrielle Canonico - IOOS, Matt Howard - GCOOS, Jenn Patterson - Central & Northern California Ocean Observing System (CeNCOOS), Rob Bochenek - Axiom)
- Overview of MBON DMAC objectives (Gabrielle Canonico - IOOS)
- Demonstration of portal and prototype tools (Rob Bochenek - Axiom)
- RA engagement on DMAC component and Biological Observations Data Project (BDP) projects (Matt Howard - GCOOS)

1200 **Lunch Brief -** International Oceanographic Data and Information Exchange (IODE) "Expanding OBIS [Ocean Biogeographic Information System] with Environmental Data (OBIS-ENV-DATA)" Project (Philip Goldstein - OBIS)

1300 **Animal Telemetry Network (ATN) - Ocean Tracking Network (OTN) Session** (Derrick Snowden - IOOS, Jon Pye - OTN, Kyle Wilcox - Axiom, Melanie Gearon, RPS-ASA,)
- IOOS ATN overview (Derrick)
- OTN Data Nodes Capabilities and Status (Jon Pye - OTN) 10-15 minutes
- Mid-Atlantic Acoustic Telemetry Observation System (MATOS) experiences in becoming OTN Data Nodes/Great Lakes Acoustic Telemetry Observing System (GLATOS) web user interface (UI) overhaul (Melanie Gearon - RPS/ASA) 10-15 minutes
- SECOORA/Florida Atlantic Coast Telemetry (FACT) OTN Node (Kyle Wilcox - Axiom) 10-15 minutes

1400 **Discussion on the future**
- What's working / what isn't working for DMAC in the regions. How can IOOS help?
- What can the Program Office (PO) do to better engage with RAs and be helpful?

1445 **Wrap-up**