

Axiom - SECOORA DMAC SOW (Evaluation)

Performance Period - June 2015 through
May 2016

DMAC Point of Contact: Kyle Wilcox

Core Activities and Tasks	Status	Notes
1.0 Communication		
Regular Communications	Yes	Axiom has establish a project management system via Trello (ww.trello.com). Tasks and activities are managed via this. Progress and activities status are monitored via
Attending SERCOORA Annual Meetings	Yes	Attended SECOORA 2015 Annual meeting; SECOORA 2016 US IOOS Proposal meeting; Will be attending SECOORA 2016 annual meeting to provide demo of data portal and
Progress Reporting	Yes	Progress of tasks were tracked via Trello; Axiom submitted timely progress reports to include in US
2.0 National IOOS DMAC		
Understand and support IOOS DMAC standards compliance and implementation	Yes	Attend US IOOS DMAC calls as and when needed and implementing the standards as it pertains to

Participate in US IOOS Proposal Development and support other SECOORA other proposal development	Yes	participated in 3 proposal writing opportunities with SECOORA: SECOORA/US IOOS Proposal (DMAC section); NAS Data Synthesis Proposal; BOEM ADEON proposal
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3.0 Cyberinfrastructure

All software and hardware infrastructure covered by Axiom	Yes	
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4.0 Data Portal

Establish Data Portal (Beta)	ongoing	Beta site established (portal.secoora.org). Work is in progress to refine the beta site which will have a soft launch at the 2016 SECOORA Annual meeting
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Demonstration of data portal	ongoing	Performed data portal demo with staff and scheduled a demo with Pis. Data portal will be launched in May 2016
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Implementation of feature and suggestions to data portal	ongoing	
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Release of the data portal	ongoing	On-time release of version 1.0 scheduled for May 2016
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5.0 Data Ingestion

Ingesting SECOORA partners and other state and federal partners data	Yes / ongoing	Completed ingestion of SECOORA funded partner data; Also ingested several data providers data relevant to SECOORA region
Develop Data Inventory	Yes / ongoing	Completed SECOORA asset inventory and established catalog of SECOORA data and other data ingested into data portal
Establish IOOS Recommended DMAC services	Yes / ongoing	ERDDAP - Established and replaced previous instance. Added many datasets. http://erddap.secoora.org THREDDS - Established and refined but have not replaced the previous instance due to some archival data not being intergrated yet. http://secoora.thredds.axiomdatascience.com/ SOS - Established via new THREDDS (ncSOS), as well as a 52N instance (http://ioossos.axiomalaska.com/i52n-sos-stable/). 52N will be re-branded with SECOORA and available at sos.secoora.org

6.0 Data Management

Establish and Provide Data Management infrastructure	Yes	Established the infrastructure and adding necessary features and services based on needs
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7.0 DMAC Migration

Real-time Data Layers (in-situ, remotely sensed and model)	Yes / ongoing	New layers are added to the SECOORA portal and catalog as they are identified. Accessible at http://portal.secoora.org .
In-situ data submission to NDBC and HF Radar submission to CORDC	ongoing	All the SECOORA funded data collectors are directly submitting data to NDBC and CORDC. They want to continue their process of submission. Axiom will provide help to needed partners.
NODC Data Submission	ongoing	Will be working with NCEI (was NODC) and SECOORA RCOOS Manager to transition existing SIF to Axiom. Transition is in progress.
RA Certification	ongoing	Completed the DMAC section of the RA certification and review and revision in progress.