

# Interagency Ocean Observation Committee

Considerations for the U.S. IOOS Advisory Committee



## **IOOC CO-CHAIRS**

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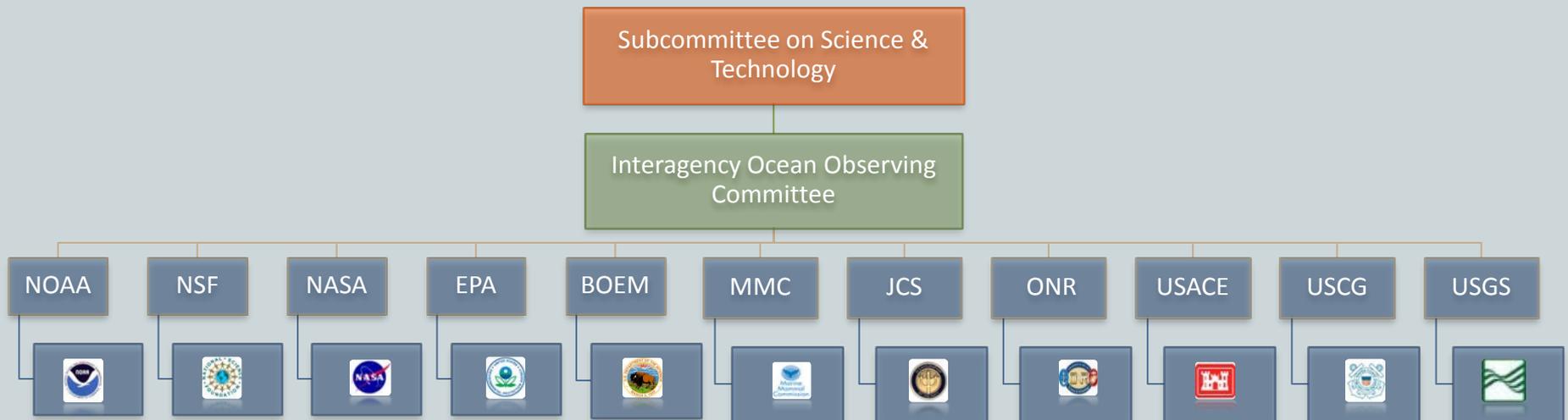
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PRESENTATION TO THE  
U.S. IOOS ADVISORY COMMITTEE  
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# Background on IOOC



- Created by legislation: The Integrated Coastal and Ocean Observing Act (ICOOS Act of 2009)
- Comprised of 11 federal agency members
- Encompasses regional, national, global systems
- Consortium for Ocean Leadership hosts Support Office



# IOOC Support of IOOS



- Enabling cross-agency and cross-sector collaborations
- Fostering end-user needs across regions through workshops
- Supporting U.S. IOOS elevation of ocean observing into a regional, national, and global context
- Charged with implementing aspects of IOOS including:
  - Legislated activities
  - Federal agency driven activities
  - Community interests
  - Stakeholder outreach

# IOOC/IOOS PO Legislative Interactions



Activity	Federal (IOOC) Component	Status	Lead Agency (NOAA) Component	Status
Certification	Develop contract certification standards	Complete	Develop compliance procedures and program guidelines	In Progress
Cost Estimate	Obtain an Independent Cost Estimate	Complete	Develop Program Cost Estimate (*not legislated)	Complete
Gaps	Identify coverage gaps	In Progress	Establish gaps or capital improvement needs and transmit to IOOC	In Progress
Variables	Establish observation variables	Complete	Implement any standard or protocol by IOOC	Complete
DMAC	Establish DMAC standards	In Progress	Develop protocols and be responsible for a DMAC system	In Progress
Funding	Establish competitive grant programs	In Progress	Implement a competitive funding process	Complete
Budget	Develop an annual coordinated budget	In Progress	Assist with NOAA contribution	In Progress
Plans	Update the System plan	Complete	Develop a plan to efficiently integrate into the System new, innovative, or emerging technologies	Complete

# Challenges from the IOOC-revised



Challenge	Description
Defining IOOS/ Shared Vision	Legislation defines IOOS as inclusive of all ocean observing activities. Diverse range of organizations across agencies, industry, and academia that contribute ocean observing activities for different purposes. Misperception that identifying a program as part of IOOS may cede control of the program to NOAA. <i>What does it mean to “contribute towards IOOS”? Benefits?</i>
Management and Budget	<i>How do we sustain and coordinate funding for IOOS activities while looking for new management structures &amp; non-federal funding streams?</i>
Integration	Ports to global ocean; biological, physical, and biogeochemical; commerce to climate; <i>what are our strategies to encourage integration?</i>
Data Management	A primary means of “integration”. Top-down vs. bottom-up approaches. <i>How do we effectively exploit available/limited resources?</i>
Modeling	<i>How do we further encourage a community modeling enterprise that exploits IOOS and addresses user needs?</i>

# DISCUSSION