

Science, Service, Stewardship



National Ocean Policy

Implementation of Priority Objectives

Mark Holliday, Director
Office of Policy
May 2011

**NOAA
FISHERIES
SERVICE**



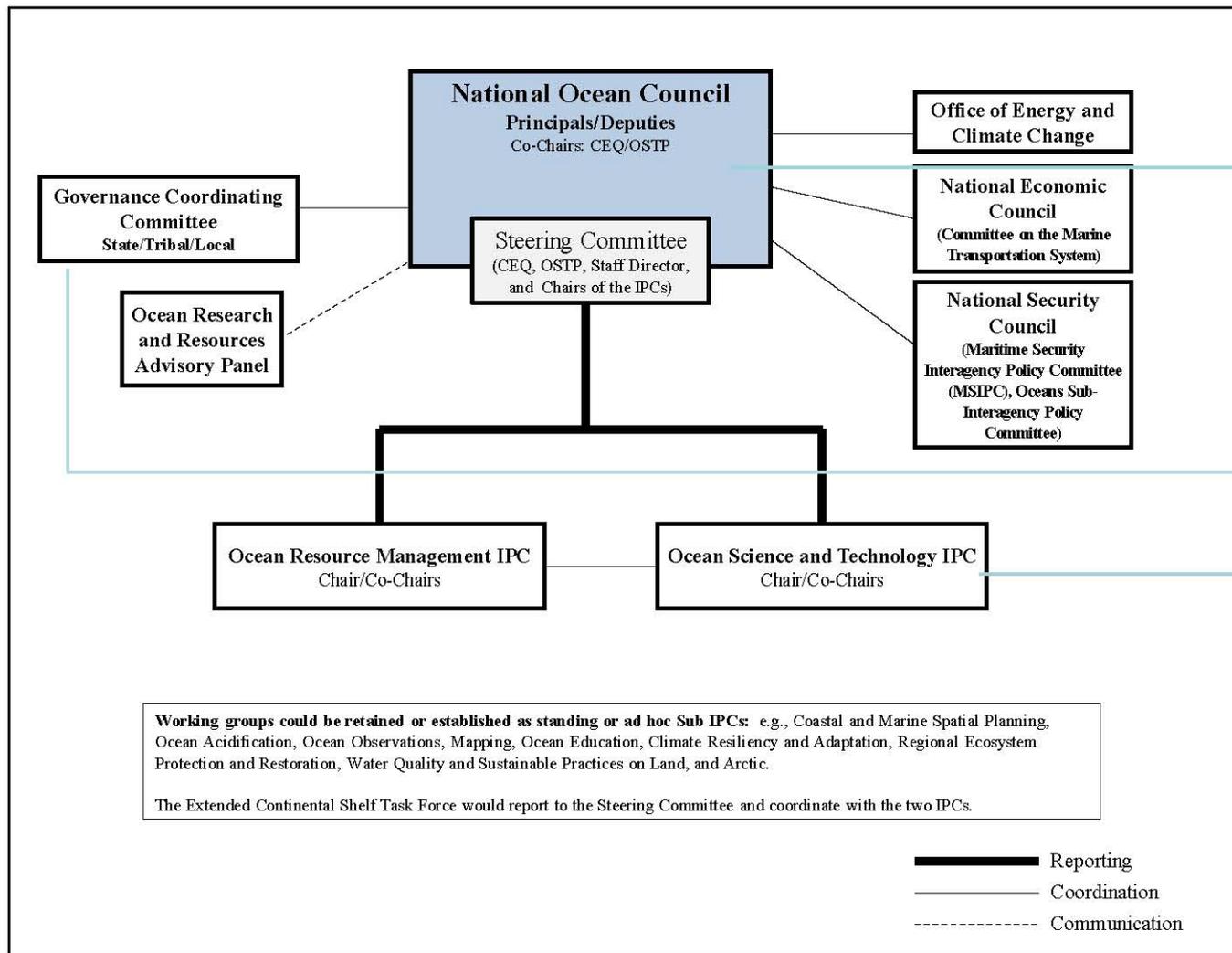
Tuesday PM Session Purpose

Update on the NOP and the development of the SAPs, followed by special emphasis on:

- NOAA and NMFS energy activities;
- Overview of DOI wind energy initiative *Smart from the Start*;
- Overview of: climate change science; impacts these changes may have; adaptation strategies



Ocean Policy Task Force Policy Coordination Framework



Members include DOC Secretary and NOAA Administrator

Structure includes a NOC Staff Director, Deputy Director and 6-8 staff detailed from agencies.

New formal body for state, tribal and local governments to coordinate with the NOC

Successors to SIMOR & JSOST



Nine Priority Objectives

HOW WE DO BUSINESS

Ecosystem-Based Management

Coastal & Marine Spatial Planning

Inform Decisions & Improve Understanding

Coordinate & Support

AREAS OF SPECIAL EMPHASIS

Resiliency & Adaptation to Climate Change & Ocean Acidification

Regional Ecosystem Protection & Restoration

Water Quality & Sustainable Practices on Land

Changing Conditions in the Arctic

Ocean, Coastal, & Great Lakes Observation, Mapping & Infrastructure



Ecosystem-Based Management

Objective: Adopt ecosystem-based management as a foundational principle for the comprehensive management of the ocean, our coasts, and the Great Lakes.

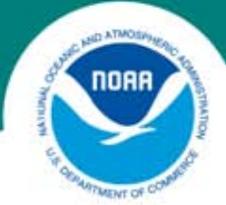
The Strategic Action Plan for EBM will advance **integrated approaches to resource management** that consider the entire ecosystem, including humans. EBM uses proactive and holistic management approaches that integrate **ecological and socio-economic goals** into decisions.



Coastal and Marine Spatial Planning

Objective: Implement comprehensive, integrated, ecosystem-based coastal and marine spatial planning and management in the United States.

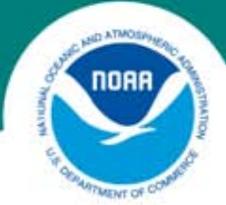
The Strategic Action Plan for CMSP will detail a **regional approach** that places **sound science** and the best available information at the core of the decision-making process. It will help **bring together Federal, State, and Tribal partners** to cooperatively develop regional coastal and marine spatial (CMS) plans with stakeholder input. Will **help reduce conflicts** among users, **provide greater certainty** for planning new investments, and **reduce adverse cumulative impacts from human uses** on marine ecosystems.



NOAA Representation of the Regional Planning Bodies

Regional NOAA CMSP Leads

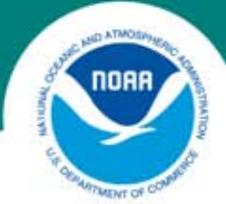
- Alaska/Arctic Region: Doug Demaster (NMFS)/ Amy Holman
- Great Lakes Region: Jennifer Day
- Gulf of Mexico Region: Buck Sutter (NMFS)
- Northeast Region: Betsy Nicholson
- Pacific Islands Region: Michael Tosatto (NMFS)
- Mid-Atlantic Region: Thomas Bigford (NMFS)
- Southeast Region: Virginia Fay (NMFS)
- Caribbean Region: Billy Causey/ Dana Wusinich-Mendez
- West Coast Region: John Stein (NMFS)



Inform Decisions and Improve Understanding

Objective: Increase knowledge to continually inform and improve management and policy decisions and the capacity to respond to change and challenges. Better educate the public through formal and informal programs about the ocean, our coasts, and the Great Lakes.

The SAP for this objective seeks to **advance ocean literacy**, provide **science needed for management** of emerging ocean uses, and **develop human capacity** and the workforce. It also seeks to **integrate social and natural science information** to inform management decision-making, especially ecosystem-based management.

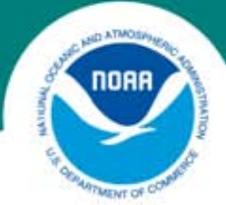


Coordinate and Support

Objective: Better coordinate and support Federal, State, tribal, local, and regional management of the ocean, our coasts, and the Great Lakes. Improve coordination and integration across the Federal Government and, as appropriate, engage with the international community.

The SAP for this objective seeks to:

- **Assist States** in advancing regional partnerships to protect ocean health.
- Provide opportunities for **engaging the international community**.
- **Reduce inconsistencies and duplications** in statutory authorities, policies, and regulations.
- **Reduce conflicts across jurisdictions** and disagreements concerning jointly managed coastal and marine resources.



Resiliency/adaptation to climate change and ocean acidification

Objective: Strengthen resiliency of coastal communities and marine and Great Lakes environments and their abilities to adapt to climate change impacts and ocean acidification.

The SAP for this objective seeks to better **understand and forecast impacts of climate change and ocean acidification** on the built and natural environment. This includes vulnerability assessments and strengthened and integrated observations and monitoring of species and habitats. The SAP also seeks to **provide accessible, timely, and relevant climate change and ocean acidification information, tools, guidance, and services** to support decision making at all scales.



Regional ecosystem protection and restoration

Objective: Establish and implement an integrated ecosystem protection and restoration strategy that is science-based and aligns conservation and restoration goals at the Federal, State, tribal, local, and regional levels.

The SAP for this objective seeks to:

- **Protect national significant marine areas.**
- Align Federal resources around shared restoration priorities, particularly in the Gulf of Mexico and Great Lakes.
- Strengthen **conservation partnerships.**
- Reduce coastal **wetland loss.**
- Develop carbon-based incentives for **coastal habitat conservation.**
- Ensure full **mitigation for injuries** to coral reef ecosystems.
- Reduce the threat of marine **invasive species.**



Water quality and sustainable practices on land

Objective: Enhance water quality in the ocean, along our coasts, and in the Great Lakes by promoting and implementing sustainable practices on land.

The SAP for this objective seeks to:

- Improve water quality through sustainable practices that **reduce upstream sources of excessive nitrogen, phosphorus, and sediment**, helping to reduce hypoxic zones and restore degraded ecosystems.
- **Reduce harmful health impacts** from water quality impairments.
- **Reduce trash and marine debris** in ocean, coastal and Great Lakes waters to minimize impacts on natural and human environments.
- Identify and **protect high quality** ocean, coastal, and Great Lakes **waters**.



Changing conditions in the Arctic Ocean

Objective: Address environmental stewardship needs in the Arctic Ocean and adjacent coastal areas in the face of climate-induced and other environmental changes.

The SAP for this objective seeks to:

- Address **environmental stewardship needs in the Arctic Ocean** and coastal areas in light of climate change and increasing accessibility.
- Effectively **respond to the risk of increased pollution** and other environmental degradation on humans and marine species.
- **Devise early warning and emergency response systems** and procedures, to prepare for and respond to emerging events in the Arctic.
- **Improve the scientific understanding** of the Arctic system and how it is evolving in response to climate change and other forcers.



Ocean, coastal, and Great Lakes observations and infrastructure

Objective: Strengthen and integrate Federal and non-Federal ocean observing systems, sensors, data collection platforms, data management, and mapping capabilities into a national system and integrate that system into international observation efforts.

The SAP for this objective seeks to:

- **Improve ocean observations** through collaboration and technology.
- **Improve National Oceanographic fleet** use to achieve national priority objectives.
- Develop an **integrated data management system** to support the national priority objectives.
- Coordinate and leverage federal and non-federal ocean and **coastal mapping programs** and resources.



Progress Made

- Get the NOP up and running by getting Federal family in order
- Finalized establishment of National Ocean Council, the Governance Coordinating Committee, sub-structures
- Federal interagency teams are drafting strategic action plans
- Federal interagency team developing a National Information Management System to support CMSP
- National CMSP workshop scheduled for June 21-23
- Finalizing Federal representatives and Federal co-leadership on the nine regional planning bodies.



Opportunities for MAFAC 's Engagement in Developing the Strategic Action Plans

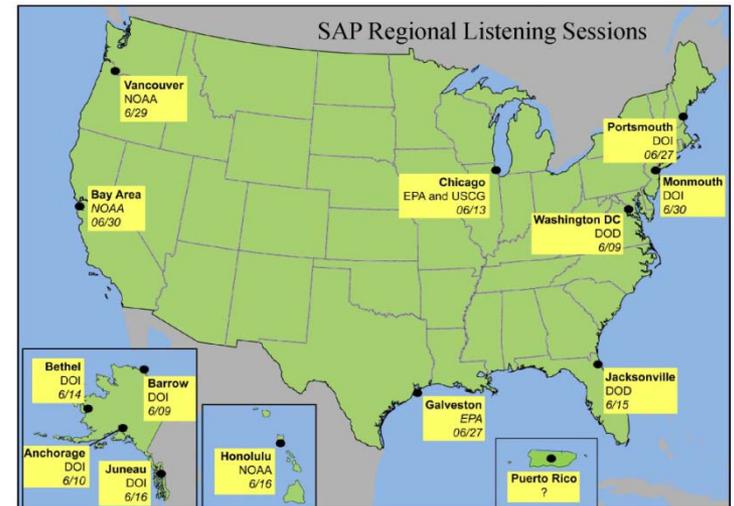
Release of Draft Full Content Outlines for Public Comment - June 1st – July 1st, 2011

- Will MAFAC comment? How?

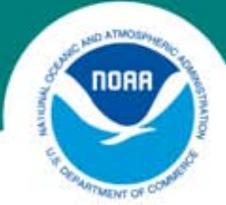
Public Listening Sessions on Full Content Outline – June 6th – July 1st, 2011

- Will MAFAC participate at local meeting(s)?
- Washington, DC (6/9); Barrow, AK (6/9); Anchorage, AK (6/10); Chicago, IL (6/13); Jacksonville, FL (6/15); Bethel, AK (6/14); Juneau, AK (6/16); Honolulu, AK (6/16); Galveston, TX (6/27); Portsmouth, NH (6/27); Vancouver, WA (6/29); Monmouth, NJ (6/30); Bay Area (6/30); Puerto Rico (?)

(** Dates & Places are tentative **)



Tentative Listening Sessions



Opportunities for MAFAC 's Engagement in Developing the Strategic Action Plans (cont.)

- National Coastal & Marine Spatial Planning Workshop – June 21st, 2011
 - MAFAC was encouraged to sign up for first day's public session
 - Live Webcast (www.doi.gov/live)
- Release of Draft SAP for Public Comment – Oct. 29th – Nov. 31st, 2011
 - Release draft SAPs to ORRAP and GCC – Oct. 11th (** Open to Public**)
- Final Release of SAP – Dec. 21st, 2011