

Framework for Coastal & Marine Spatial Planning

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- Congress established OSTP in 1976
- broad mandate to advise the President & others within the Executive Office of the President on the effects of science and technology on domestic and international affairs
- also authorizes OSTP to:
 - lead interagency efforts to develop and implement sound science and technology policies and budgets
 - work with the private sector, state and local governments, the science and higher education communities, and other nations toward this end



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Establishing a Science-Based Ocean Policy



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The Challenge

- Human & ecosystem health threatened by toxins, HABs
- Warming waters impacting ecosystem structure & function
- Coastal communities are facing sea level rise & storm surge
- Decreased biodiversity from overfishing & invasive species
- AND imprinted over these challenges is increased human use



Federal Interagency Effort

President Obama established the Interagency Ocean Policy Task Force June 2009, led by the Council for Environmental Quality:

“We have a stewardship responsibility to maintain healthy, resilient, and sustainable oceans, coasts, and Great Lakes resources for the benefit of this and future generations.”

- Charged the Task Force to deliver a national Ocean Policy in 90 days & a Coastal & Marine Spatial Planning Framework in 120 days
- Over 20 Federal agencies; 10’s of working groups; >100 stakeholder listening sessions; 6 national stakeholder workshops



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Interagency Effort: National Ocean Policy

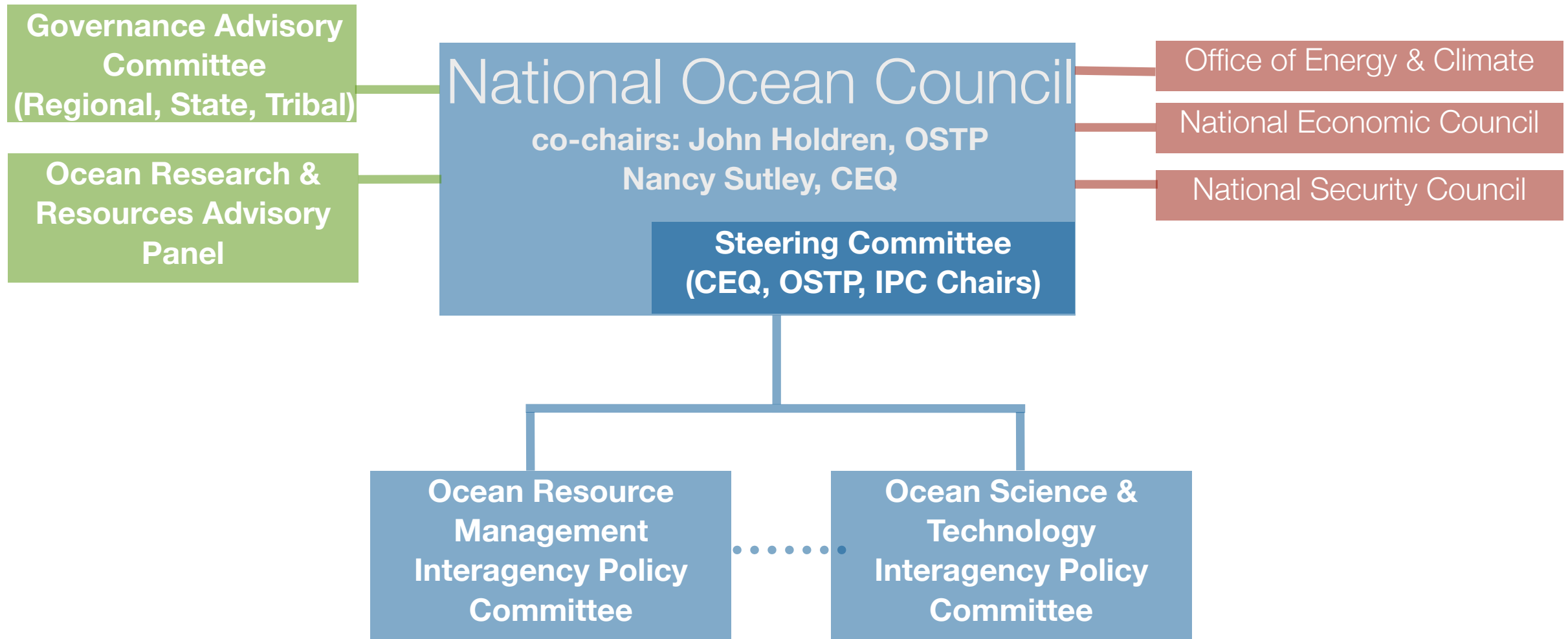
- Four priority objectives:
 - ✓ Ecosystem-based management
 - ✓ **Coastal and marine spatial planning**
 - ✓ Inform decisions & improve understanding using sound science
 - ✓ Coordinate & support regional management across agencies
- Five areas of special focus:
 - ✓ Resiliency & adaptation to climate change & ocean acidification
 - ✓ Regional ecosystem protection & restoration
 - ✓ Water quality & sustainable practices on land
 - ✓ Changing conditions in the Arctic Ocean
 - ✓ Ocean, coastal & Great Lakes observations & infrastructure



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Proposed Governance Structure



Coastal & Marine Spatial Planning

“.. A comprehensive, adaptive, integrated, ecosystem-based, and transparent process, based on sound science, for analyzing current and anticipated ocean, coastal, and Great Lake areas... that allows forward planning to integrate a wide range of ecosystem services.”



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Who Else is Doing This?

- Australia
 - Marine Bioregional Plans
 - Great Barrier Reef Marine Park
- Europe
 - Belgium - Master Plan for the North Sea
 - Germany - Spatial Plan for the North Sea and Baltic Sea
 - Germany - Spatial Plan for the State of Mecklenburg-Vorpommern
 - Norway - Ecosystem Management Plan for the Barents Sea
 - Sweden - Marine Environment Inquiry
 - The Netherlands - Integrated Management Plan for the North Sea 2015
 - United Kingdom - Marine and Coastal Access Bill
- North America
 - Canada - Large Ocean Management Area Integrated Management Plans
 - Canada - Eastern Scotian Shelf Integrated Management Plan
- China - Marine Functional Zoning



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A Regional Framework

- The Council would work with the States & and federally-recognized tribes,.... to create regional planning bodies...for the development of regional CMS Plans
- Nine proposed regions
- Building on existing efforts (e.g. ocean observing organizations)

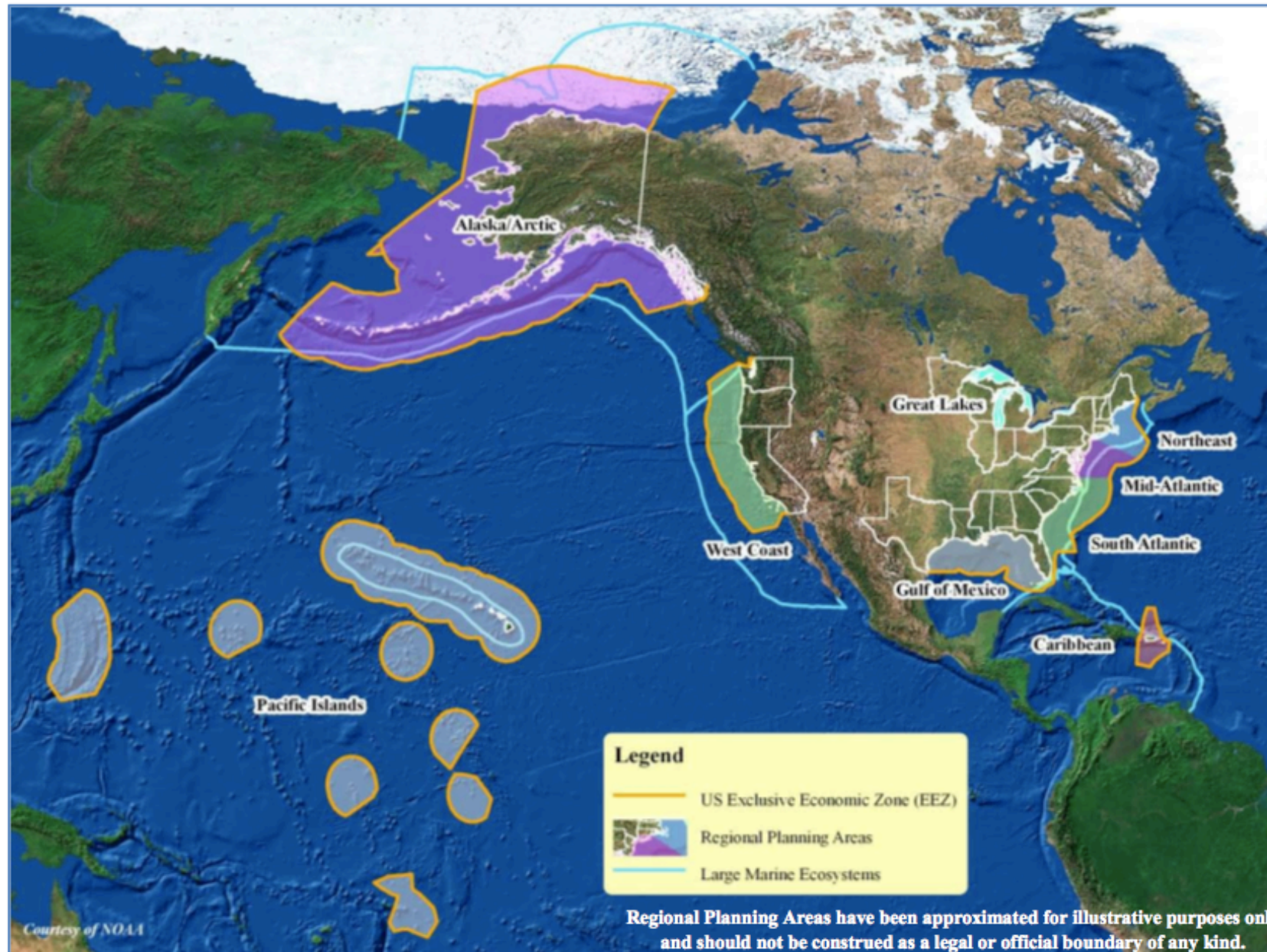


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Regional Plans

Large Marine Ecosystems and Regional Planning Areas



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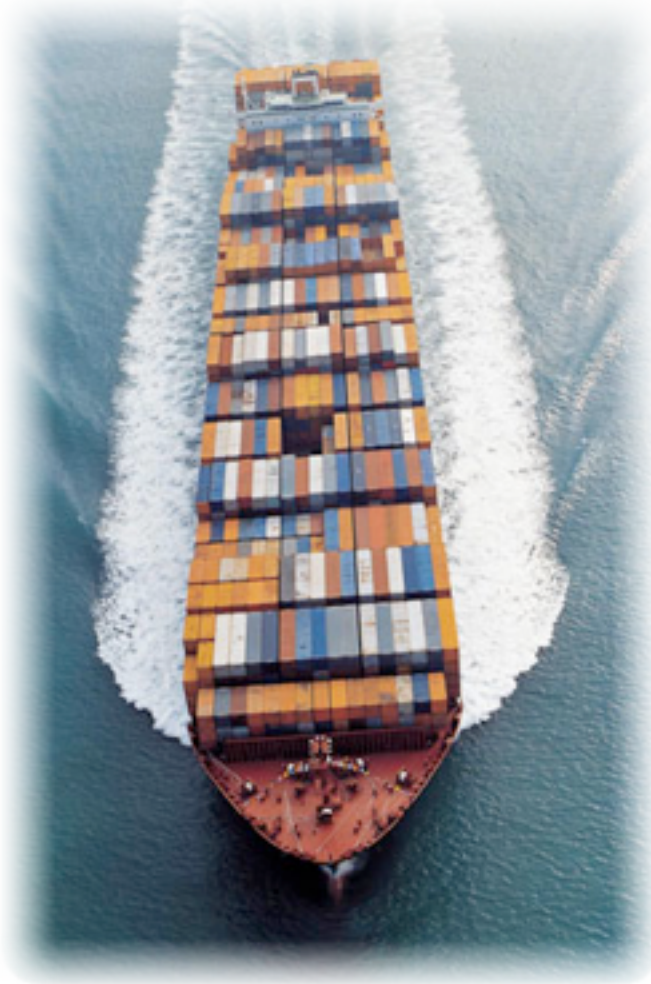
Highlights of the CMSP Guiding Principles

- ecosystem-based approach....while promoting **multiple** sustainable uses
- multiple existing uses and emerging uses....that increases certainty and predictability for economic investments
- frequent and transparent broad-based, inclusive engagement of partners, the public, and stakeholders, including with those most impacted
- based on clearly stated regional objectives
- informed by the best available science-based information, including the natural and social sciences
- adaptive and flexible to accommodate changing environmental conditions and impacts....including new and emerging uses, advances in science and technology....
- implemented in accordance with applicable Federal and State laws, regulations, and Executive Orders



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Thank You