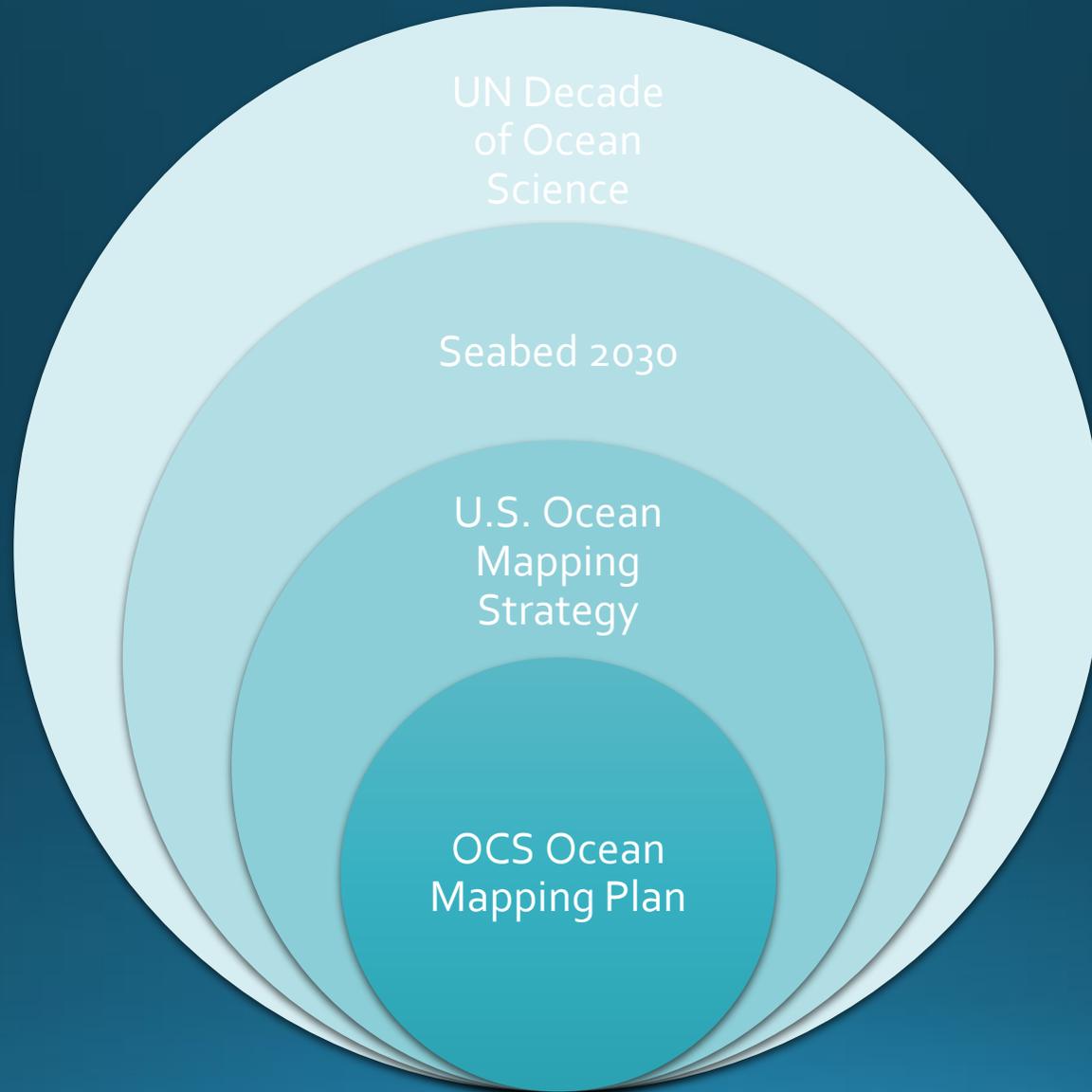


Response to Presidential Memorandum

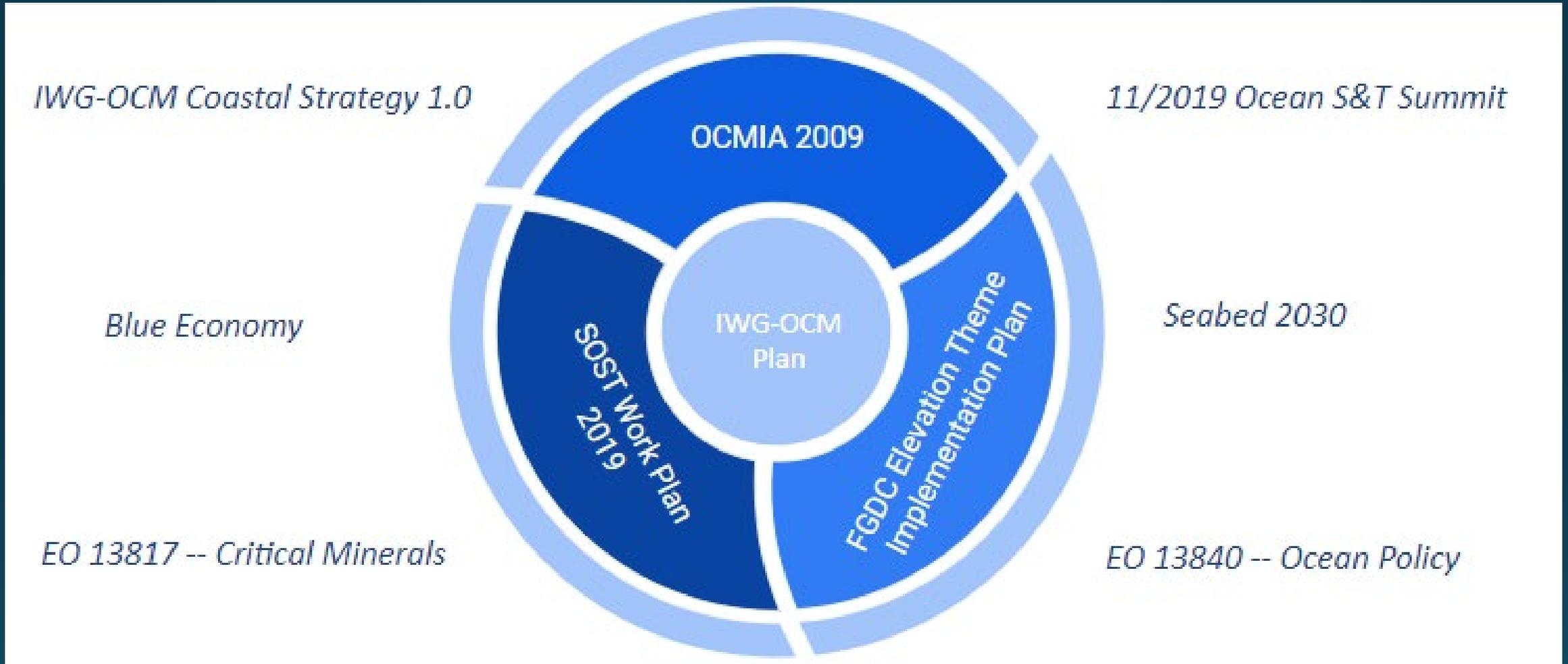
Rear Admiral Shepard M. Smith
National Oceanic and Atmospheric Administration



Global Ocean Mapping



Context and Drivers: Ocean Mapping



*Ocean and Coastal Mapping Integration Act (OCMIA 2009) overdue for reauthorization

Presidential Memorandum – November 2019

Presidential Memorandum on Ocean Mapping of the United States Exclusive Economic Zone and the Shoreline and Nearshore of Alaska

It is the policy of the United States to act boldly to safeguard our future prosperity, health, and national security through ocean mapping, exploration, and characterization.

ACTION: Complete a draft ocean mapping, exploration and characterization strategy for U.S. waters out to the EEZ.

Completed mapping is especially lacking for Alaska and for the Alaskan Arctic, which lack the comprehensive shoreline and nearshore maps available for much of the rest of the Nation.

ACTION: Complete an Alaska coastal mapping strategy.

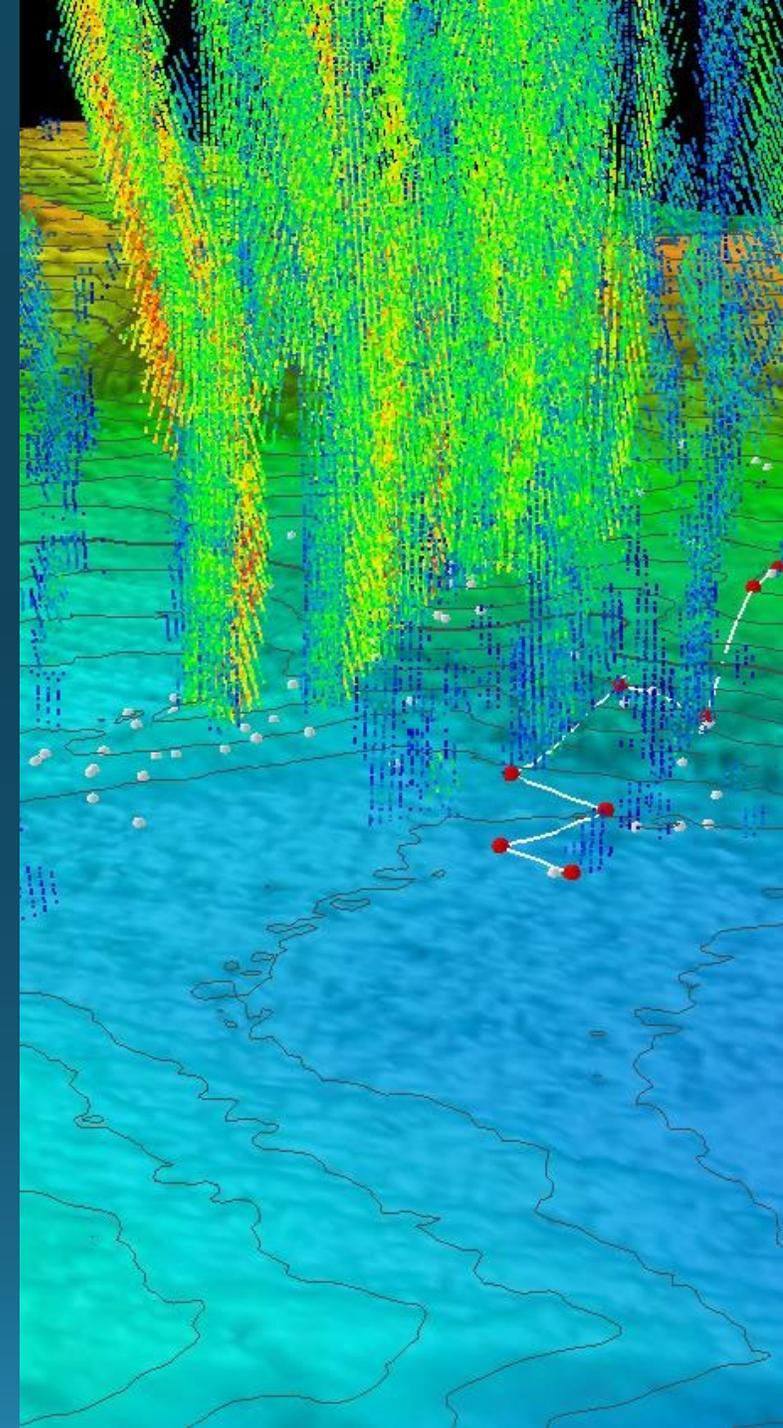


Presidential Memorandum - Section 2

Develop a national strategy for mapping, exploring, and characterizing the U.S. EEZ, and for enhancing opportunities for collaboration... to map the EEZ, to identify priority areas within the EEZ, and to explore and characterize those areas...

Ocean Science and Technology
Subcommittee

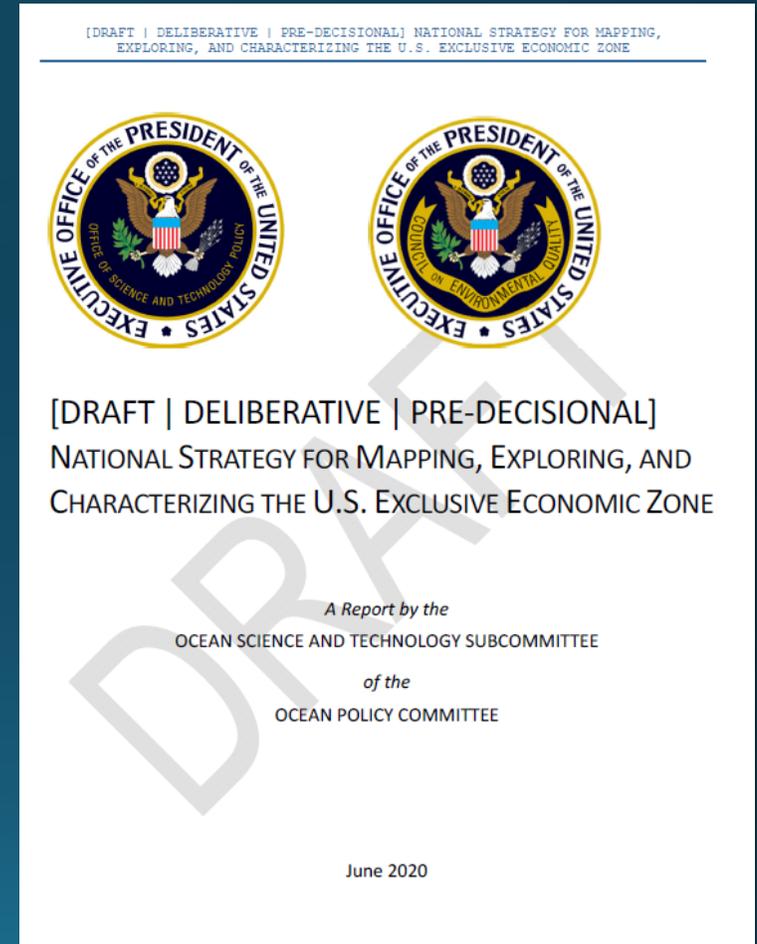
NOAA, BOEM, USGS, NSF, FDA, NRCS,
USACE, Navy, NPS, FWS, NASA, USCG,
DOT



Presidential Memorandum - Section 2

Goals:

- Coordinate Interagency Efforts and Resources to Map, Explore, and Characterize the U.S. EEZ
- Map the U.S. EEZ
- Explore and Characterize Priority Areas of the U.S. EEZ
- Develop and Mature New and Emerging Science & Technologies to Map, Explore, and Characterize
- Build Partnerships Beyond Fed Agencies to Map, Explore, and Characterize



Develop Standard Ocean Mapping Protocol

- For broadly applicable mapping
 - Guide data acquisitions and processing
 - Encourage widest access to data
 - Minimize duplication
 - Get data into public archives
 - Use national data standards
- Protocol to include specs for data types and timelines and protocols for data management and availability

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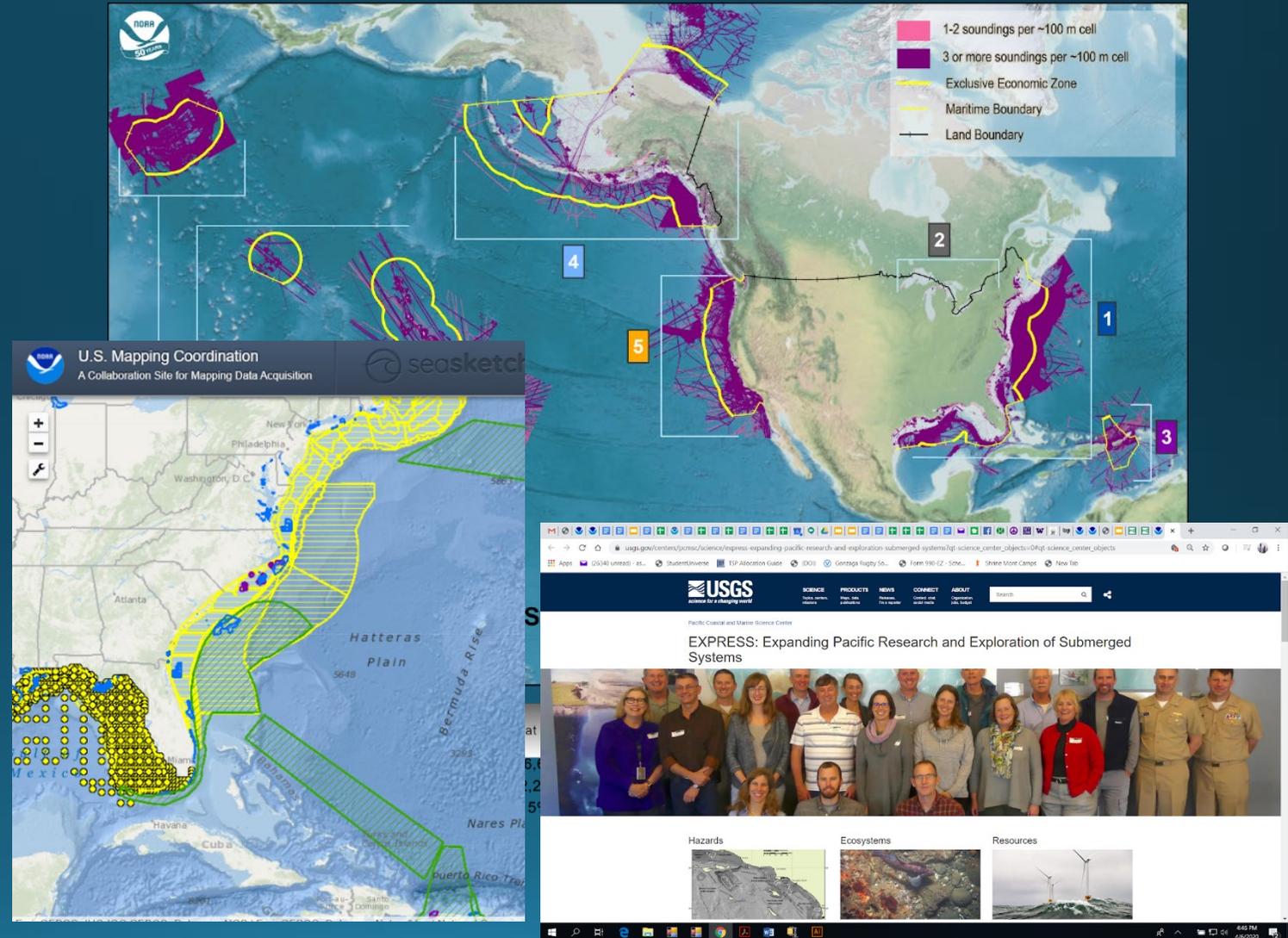
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Coordinate and execute campaigns to map the U.S. EEZ

- Catalog and analyze existing ocean data
- Seek out external source data
- Include broader mapping analyses, such as the 3D Nation Requirements and Benefits Study
- Design regional ocean mapping campaigns
- Track and report on progress



Coordinate and execute campaigns to map the U.S. EEZ (cont.)

IWG-OCM Ocean and Coastal Mapping Priorities Exercise

- An online process to set priorities
- Agencies will do by region
- Results can be layered and analyzed



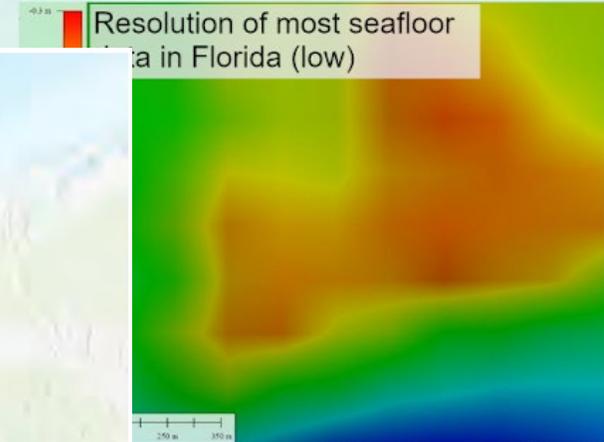
Maximize non-Federal participation

Regional Engagement

- Coastal Mapping Summits
- Regional Planning Bodies
- Coastal Mapping Strategists (Alaska+)
- Regional Prioritizations
- IOOS Regional Associations
- Data discovery for ESD



Seafloor data are required for numerous applications in coastal environments.

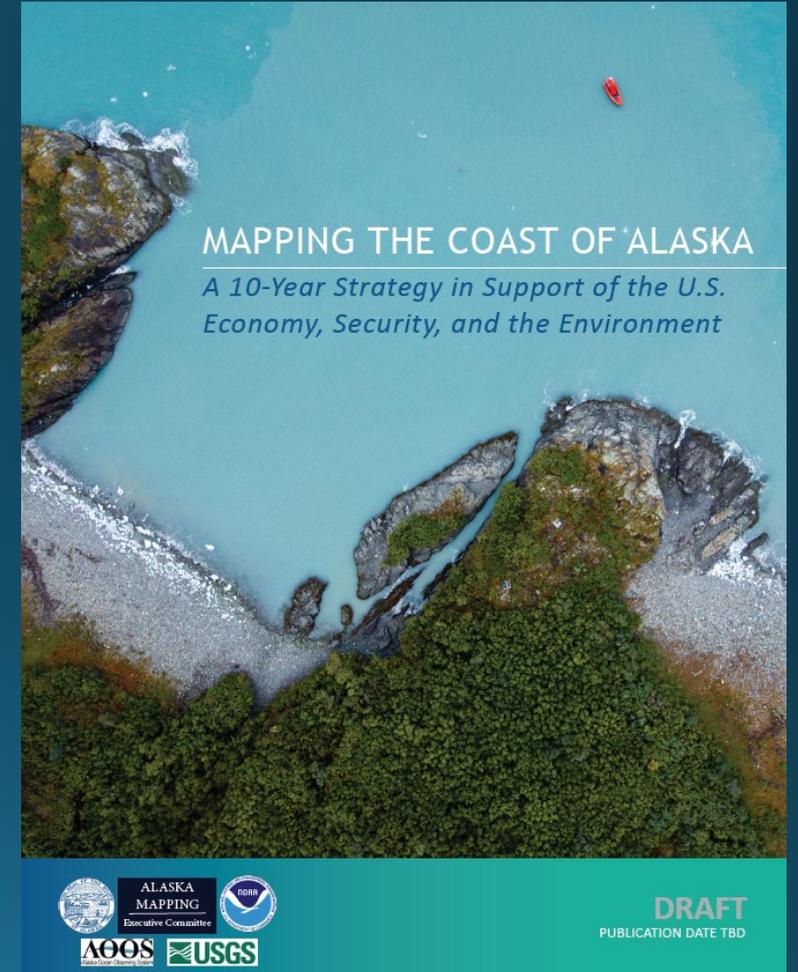


Presidential Memorandum - Section 3

Complete a Strategy for Mapping the Arctic and Sub-Arctic Shoreline and Nearshore of Alaska, coordinating among... NOAA, State of Alaska, Alaska Mapping Executive Committee.

Goals:

- Build on Existing Mapping Partnerships to Meet Alaska's Coastal Mapping Needs
- Expand Coastal Data Collection to Deliver the Priority Geospatial Products Stakeholders Require
- Leverage Innovation in Mapping Technology Development
- Conduct Strategic Communications to Promote Widespread Stakeholder Engagement

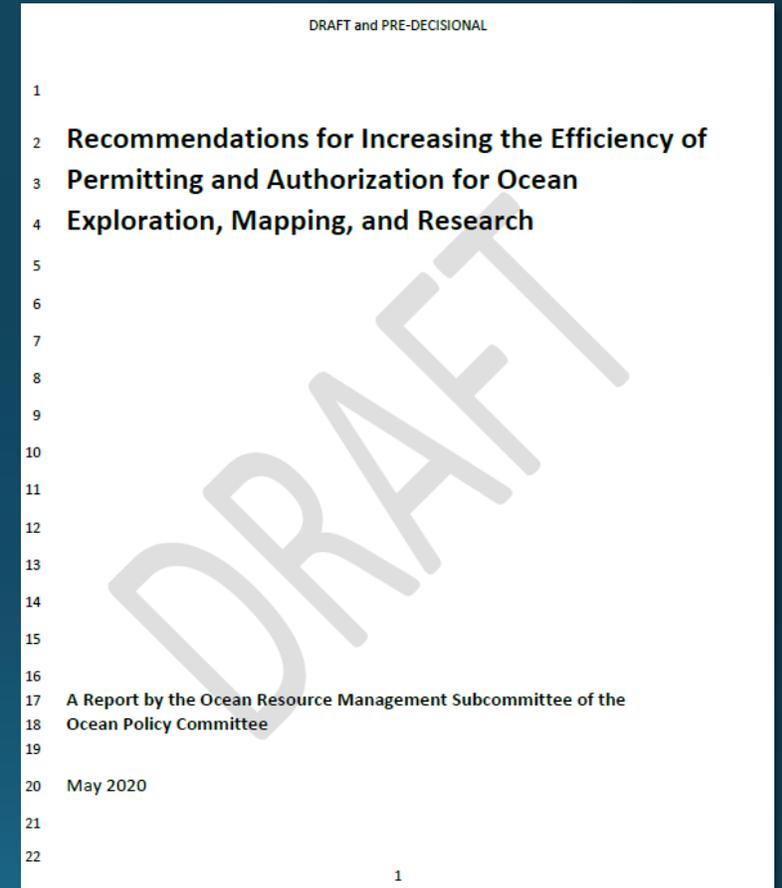


Presidential Memorandum - Section 4

- To reduce duplication and promote efficiency across agencies, identify opportunities/actions... to increase permitting and authorization efficiencies for ocean research, mapping, and characterization activities
- Ocean Resource Management Subcommittee: NOAA, USGS, BOEM, Navy, NSF

Goals:

- Promote Clarity and Consistency in the Federal Compliance Process
- Advance Efficiency through Systematic Federal Approaches
- Advance Integration of New and Emerging Science and Technology in the 137 Permitting and Authorization Process



Questions?

