

Offshore Wind Energy and Ocean Mapping: A Paradigm for Geoscience Data and Information Sharing

The future together

Memorandum of Agreement (MOA)

First of its kind

The NOAA & Ørsted MOA:

Running from January 2021 through September 2025, this historic agreement will lead to improved data collection in an effort to help save lives and increase America's coastal resiliency.





This partnership with industry will deliver data Americans use for business, science, and education, while at the same time mitigating effects of climate change”

Ben Friedman – Memorandum of Agreement (MOA): Data to protect our planet

Data share themes

- Air quality, water quality, and emissions
- Biological communities
- Meteorology
- Coastal and ocean currents, circulation, and waves
- Hydrographic services and mapping
- Physical oceanography
- Fostering preeminent science and technological innovation that can support NOAA and the Department of Commerce's goals to stimulate sustainable growth in the U.S. blue economy



Engaging NOMECS strategy and implementation



Goal 2: Map the U.S. EEZ



Goal 3: Explore and characterize priority areas



Goal 4: Develop and mature S&T



Goal 5: Build public and private partnerships

Memorandum of Agreement (MOA): Complexity



Data collection is a process, not a single campaign



Acquisition on multiple vessels over multiple years

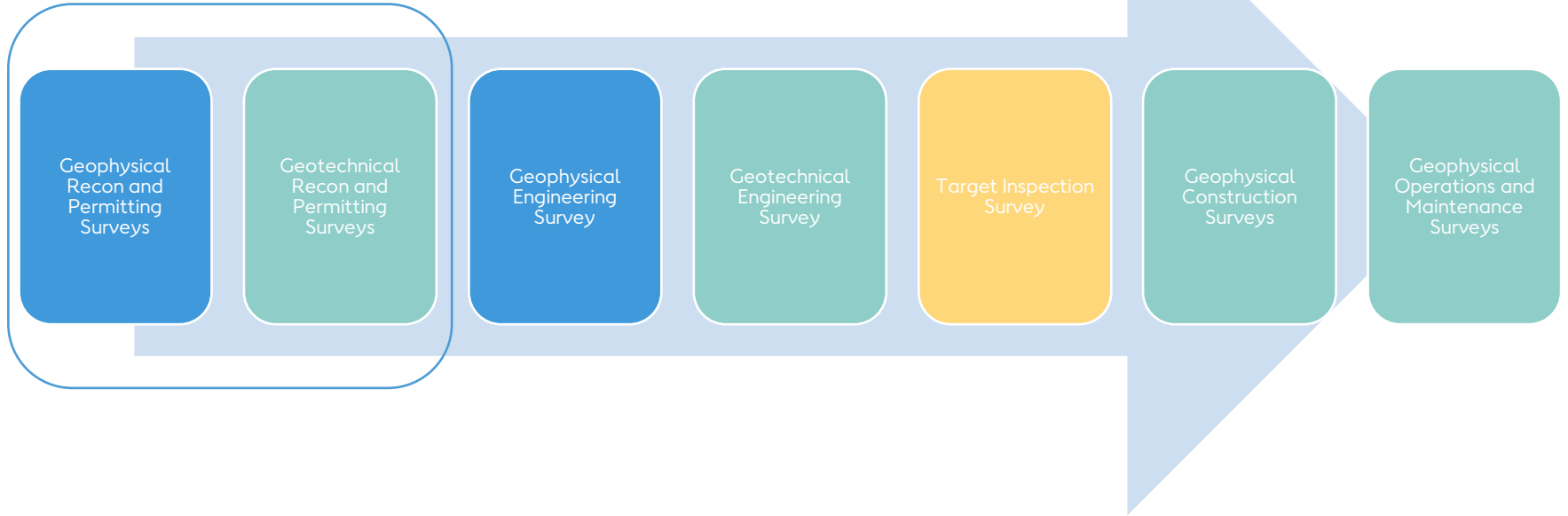


Spatial coverage is based on expectations for development



Component Surveys

Required for COP





Opportunities going forward?