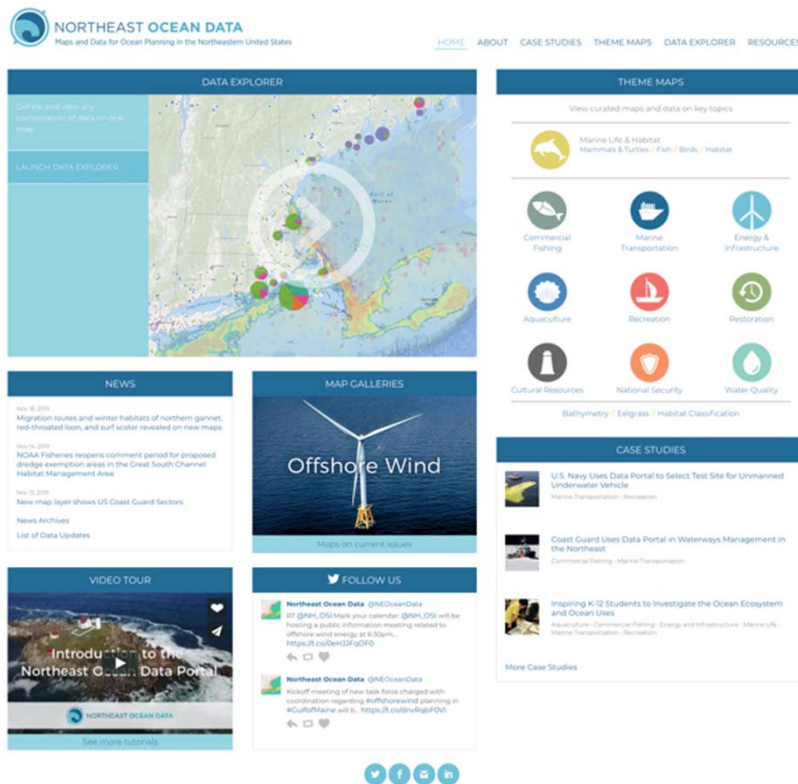


Northeast Regional Ocean Council Northeast Ocean Data Portal



Nick Napoli
December 12, 2019
Gulf of Maine Intergovernmental
Renewable Energy Task Force



Northeast Regional Ocean Council

- Formed by the New England governors in 2005
- Voluntary forum for states, federal agencies and other regional partners to coordinate on issues
 - Healthy Ocean and Coastal Ecosystems Committee
 - Coastal Hazards Committee
 - Ocean Planning Committee

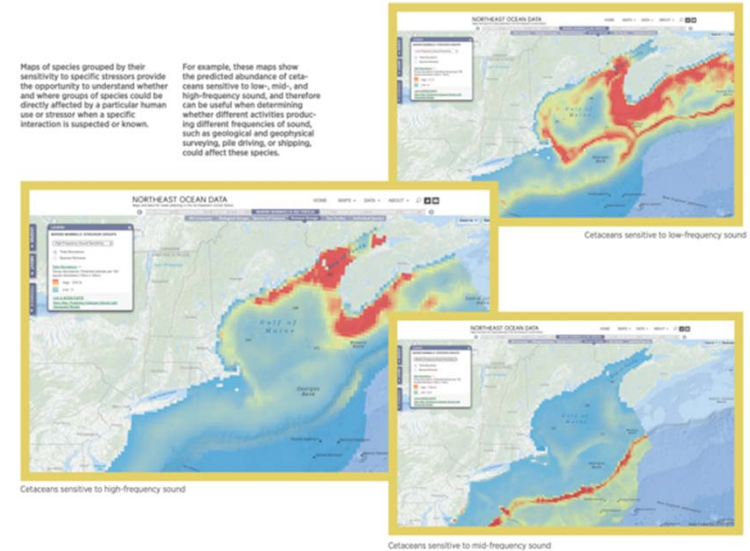


NROC Ocean Planning Committee

- Began sharing information and coordinating on ocean planning in mid-2000s
- Established the Northeast Ocean Data Portal with regional partners in 2009
- Supported the development of the 2016 Northeast Ocean Plan by the Northeast Regional Planning Body (under Obama-era EO)

Maps of species grouped by their sensitivity to specific stressors provide the opportunity to understand whether and where groups of species could be directly affected by a particular human use or stressor when a specific interaction is suspected or known.

For example, these maps show the predicted abundance of cetaceans sensitive to low-, mid-, and high-frequency sound, and therefore can be useful when determining whether different activities producing different frequencies of sound, such as geological and geophysical surveying, pile driving, or shipping, could affect these species.



OUTCOMES INTERGOVERNMENTAL COORDINATION

The intended outcome of intergovernmental coordination is to develop a common understanding of a proposed project or activity, its potential impacts and alternatives, issues for specific agencies, and the information that will be needed to support review and agency decision-making. Coordination of this type can identify opportunities for making the environmental and regulatory review process more efficient by identifying the applicable authorities and resulting information requirements, by holding joint meetings or hearings, or by producing National Environmental Policy Act (NEPA) documents that support decision-making by multiple agencies. Once increased intergovernmental coordination also provides initial identification of potential adverse impacts to resources or potential conflicts with existing human activities, threatened and endangered species (or other habitats or species), and historic and cultural resources. One outcome of agency coordination is a common understanding of what data are available or missing and needed, and which stakeholders need to be consulted, both as a source of information and as parties with interests in the use of ocean space. The activities in Chapter 3 are intended to inform all of these considerations. Their collective impact, along with the best practices in this chapter, will enhance intergovernmental coordination.



EARLY AGENCY COORDINATION

Entities that participate in early agency coordination in the Northeast typically include (or should include) some combination of the following:

- DOI (including BOEM, USFWS, NPS, USGS)
- FERC
- USACE
- NOAA (including NMFS)
- USEPA
- DHS (including USCG and FEMA)
- Navy
- DOT (MARAD)
- NEFMC and Mid-Atlantic Fishery Management Council (depending on location)
- State agencies (permitting, boating, wildlife, and fisheries agencies, CZM programs, SHPO)
- Fishery agencies may also coordinate through NEFMC, MAFMC, or ASHFC
- Atlantic States Marine Fisheries Commission
- Federally recognized tribes

RELEVANT LAWS

Federal environmental and regulatory laws to which best practices may apply include:

- NEPA
- Rivers and Harbors Act, Section 10
- Clean Water Act
- Outer Continental Shelf Lands Act
- Endangered Species Act
- Clean Air Act
- Marine Mammal Protection Act
- Federal Power Act
- Integrated Coastal and Ocean Observation System Act
- Deepwater Port Act
- Migratory Bird Treaty Act
- National Historic Preservation Act, Section 106
- Magnuson-Stevens Fishery Conservation and Management Act
- Ports and Waterways Safety Act
- Marine Protection, Research and Sanctuaries Act
- Coastal Zone Management Act
- National Gas Act
- National Marine Sanctuaries Act
- Fish and Wildlife Coordination Act

DATA EXPLORER

Define and view any combination of data on one map

LAUNCH DATA EXPLORER

NEWS

Nov 18, 2019
Migration routes and winter habitats of northern gannet, red-throated loon, and surf scoter revealed on new maps

Nov 14, 2019
NOAA Fisheries reopens comment period for proposed dredge exemption areas in the Great South Channel Habitat Management Area

Nov 13, 2019
New map layer shows US Coast Guard Sectors

[News Archives](#)
[List of Data Updates](#)

MAP GALLERIES

Offshore Wind

Maps on current issues

VIDEO TOUR

Introduction to the Northeast Ocean Data Portal

[See more tutorials](#)

FOLLOW US

[Northeast Ocean Data @NEOceanData](#)
RT @NH_OSI: Mark your calendar: @NH_OSI will be hosting a public information meeting related to offshore wind energy at 6:30pm... <https://t.co/0eH3JFqDFO>

[Northeast Ocean Data @NEOceanData](#)
Kickoff meeting of new task force charged with coordination regarding #offshorewind planning in #GulfOfMaine will b... <https://t.co/dnvRqBf0VI>

[Follow on Twitter](#) [Follow on Facebook](#) [Follow on Email](#) [Follow on LinkedIn](#)

THEME MAPS

View curated maps and data on key topics

- Marine Life & Habitat: Mammals & Turtles, Fish, Birds, Habitat
- Commercial Fishing
- Marine Transportation
- Energy & Infrastructure
- Aquaculture
- Recreation
- Restoration
- Cultural Resources
- National Security
- Water Quality

[Bathymetry](#) [Eelgrass](#) [Habitat Classification](#)

CASE STUDIES

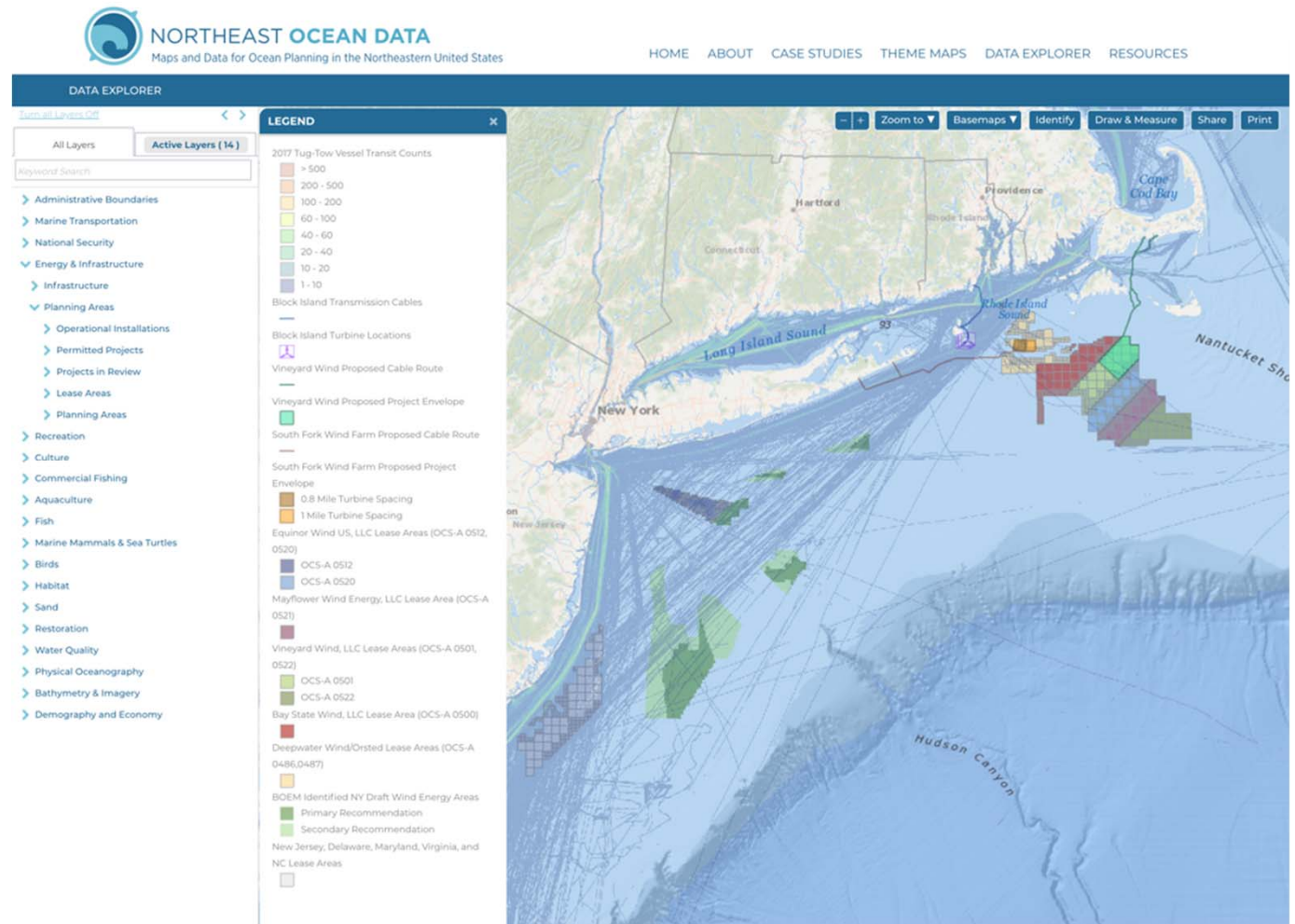
- [U.S. Navy Uses Data Portal to Select Test Site for Unmanned Underwater Vehicle](#)
Marine Transportation - Recreation
- [Coast Guard Uses Data Portal in Waterways Management in the Northeast](#)
Commercial Fishing - Marine Transportation
- [Inspiring K-12 Students to Investigate the Ocean Ecosystem and Ocean Uses](#)
Aquaculture - Commercial Fishing - Energy and Infrastructure - Marine Life - Marine Transportation - Recreation

[More Case Studies](#)

- Source of over 5,000 map products showing the footprint of activities and resources
- Products derived from federal, state, tribal, research/academic, and stakeholder sources
- Informed and vetted by regional experts, agencies, and stakeholders
- Multiple ways to obtain data and information

Energy Data Organization and Example Overlay

- Energy planning areas and projects at different stages
- Proposed project envelopes and cable routes once a COP is submitted and deemed complete by BOEM
- Ability to overlay data (and access other



Example Project Page

- Available when Draft EIS (DEIS) is released
- Contains relevant data and maps from DEIS
- Includes other information and access to BOEM materials


MAPS OF PROPOSED VINEYARD WIND PROJECT AREA

The purpose of this web page is to provide links to interactive Northeast Ocean Data Portal maps that include some of the data referenced in the Vineyard Wind Draft Environmental Impact Statement (DEIS). The Vineyard Wind DEIS contains maps depicting datasets from a variety of sources, some of which are available on the Portal.

Vineyard Wind LLC proposes to build an approximately 800-megawatt (MW) wind energy facility with up to one hundred wind turbines located more than 14 miles (23.6 kilometers) southeast of Martha's Vineyard, Massachusetts. In December 2018, the U.S. Department of the Interior Bureau of Ocean Energy Management (BOEM) released a Draft Environmental Impact Statement for the project. As a result of the Federal government shutdown, BOEM rescheduled its public hearings about the DEIS, scheduled to occur in Massachusetts and Rhode Island, to the week of February 11, 2019, and reopened the public comment period until February 22, 2019.

The DEIS was developed to determine whether to approve, approve with modifications, or disapprove the Construction and Operations Plan submitted by Vineyard Wind LLC. Input received during the public comment period will be used by BOEM to inform preparation of the Final Environmental Impact Statement.

For complete information about the Vineyard Wind project and the public comment process, visit BOEM's Vineyard Wind web page: <https://www.boem.gov/Vineyard-Wind>.

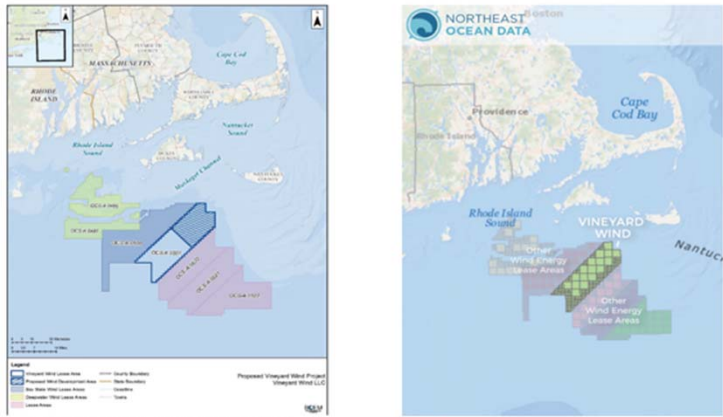


BOEM Public Hearings:
Feb. 11: Nantucket, MA
Feb. 12: Vineyard Haven, MA
Feb. 13: Hyannis, MA
Feb. 14: New Bedford, MA
Feb. 15: Narragansett, RI

**Public Comment Period Closes
February 22, 2019**

[For more information](#)

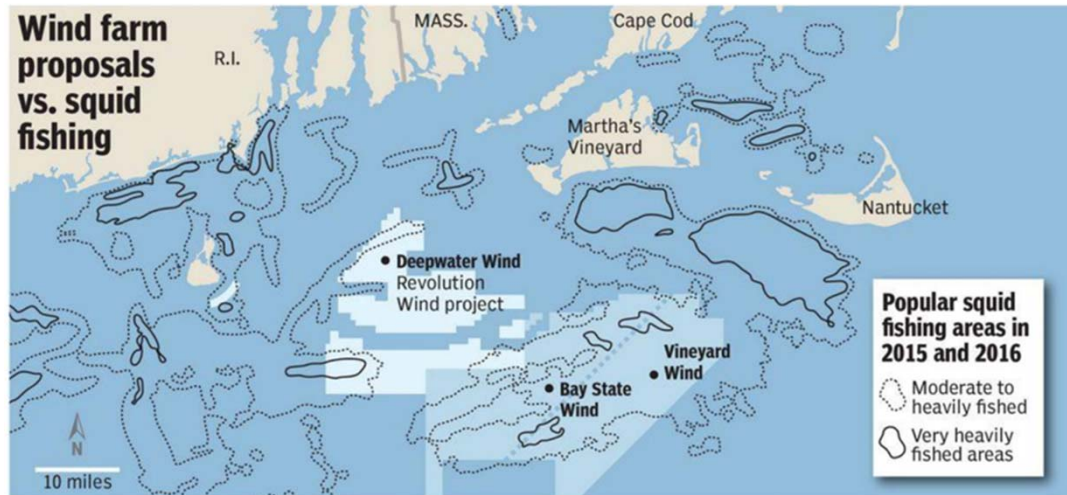
Proposed Project Area and Other Nearby Lease Areas



DEIS Figure 1.1-1: Proposed Project Area Relative to Massachusetts and Rhode Island Lease Areas

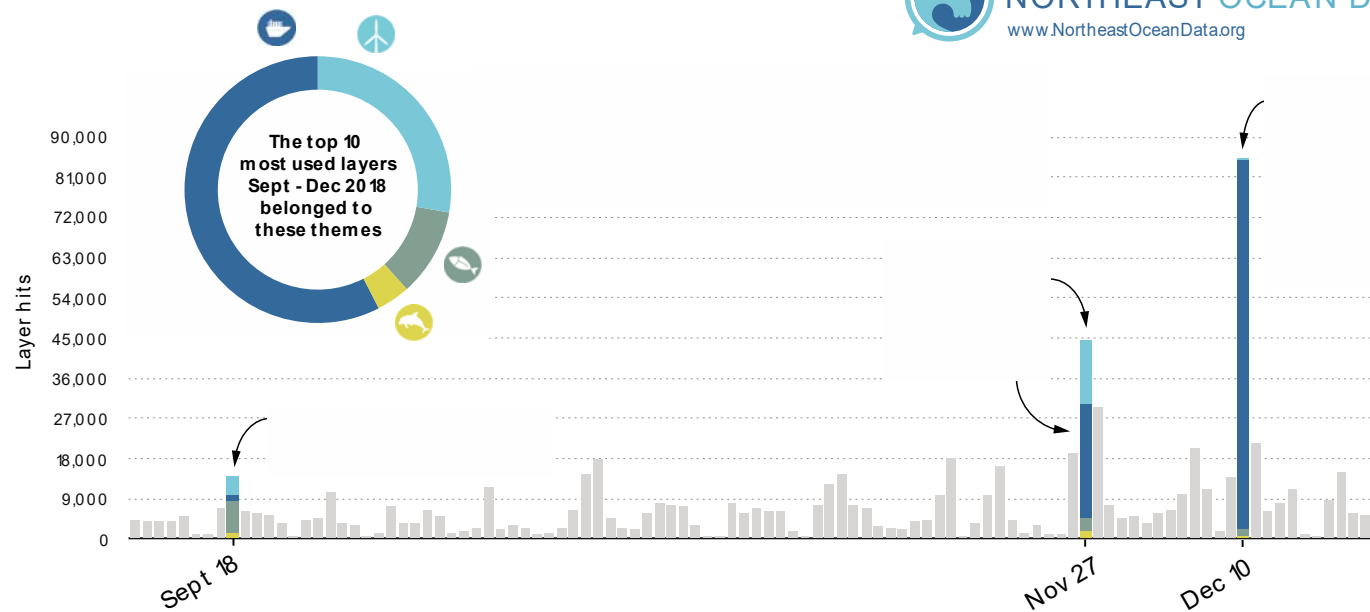
[Launch Interactive Map](#)

Portal Use



SOURCE: Energy Management, Deepwater Wind, Bureau of Ocean Energy Management, Northeast Ocean Data

PROVIDENCE JOURNAL GRAPHIC



Contacts

Nick Napoli

nicknapoli01@gmail.com

(518) 524-4685

Emily Shumchenia

Emily.shumchenia@gmail.com

(401) 226-4294

Northeast Ocean Data Portal website

www.northeastoceandata.org

Follow Northeast Ocean Data Portal on Twitter



@NEOceanData