

# New Hampshire Offshore Wind Update

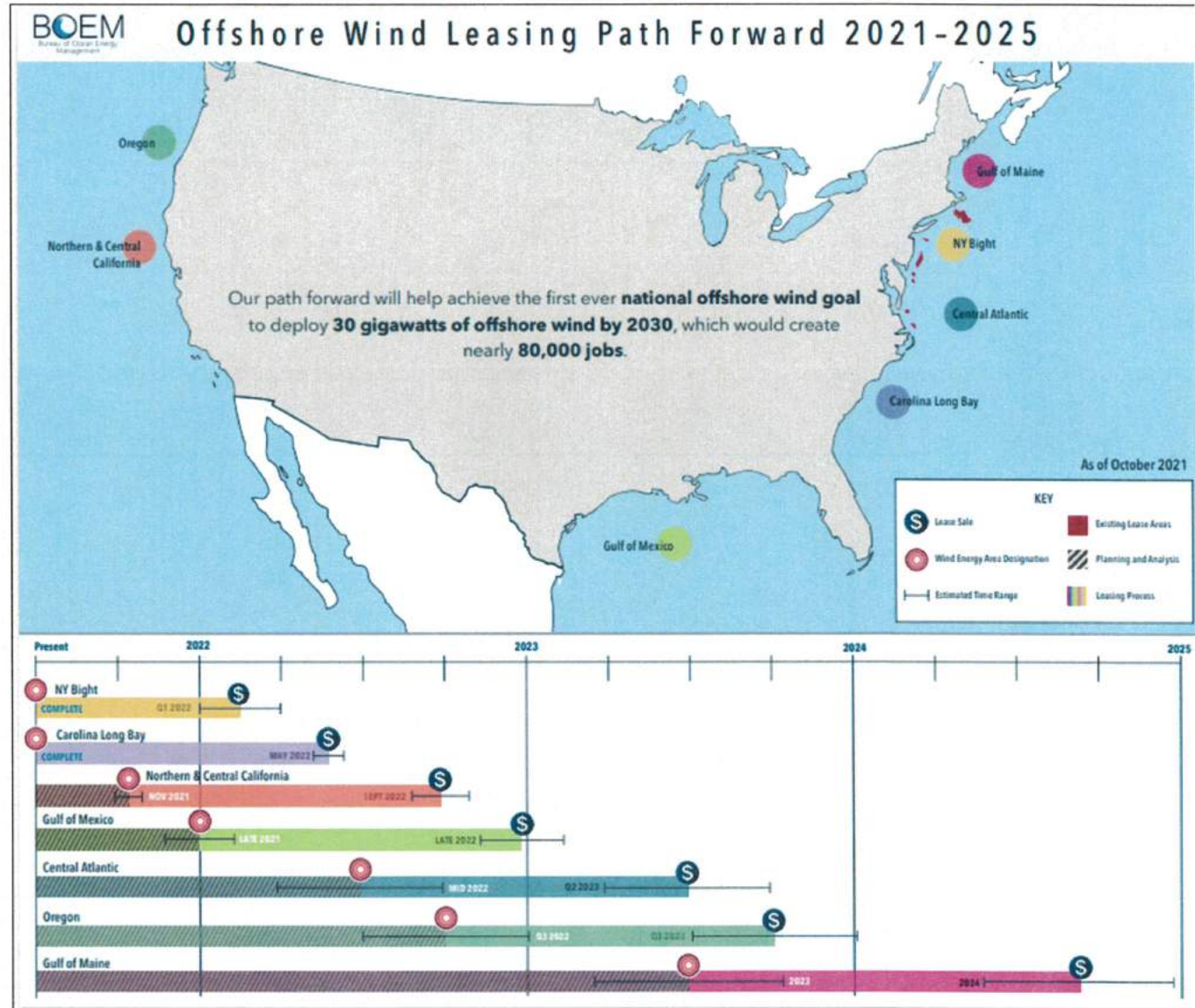
Mark Sanborn  
Assistant Commissioner, NHDES

September 2023



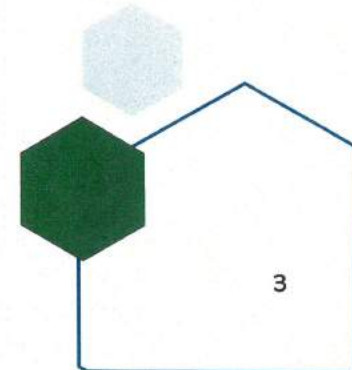
# Leasing in the OCS

Expect lease auction in the Gulf of Maine in 2024.



# New Hampshire's OSW Priorities

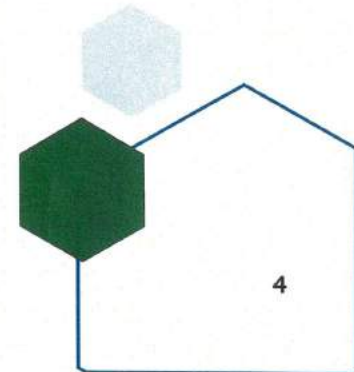
1. Protect New Hampshire's existing economic and environmental interests and the interests of the State's residents and businesses; includes utilizing Federal Consistency if necessary.
2. Identify and pursue opportunities for New Hampshire's port facility in Portsmouth, NH.
3. Identify and pursue opportunities for New Hampshire's small manufacturing companies.
4. Identify and pursue opportunities for New Hampshire's labor unions and workforce groups.
5. Use of NH's existing transmission infrastructure to connect the wind farm(s) to the onshore transmission grid.



# A Focus on Partnerships & Outreach

## Partnerships:

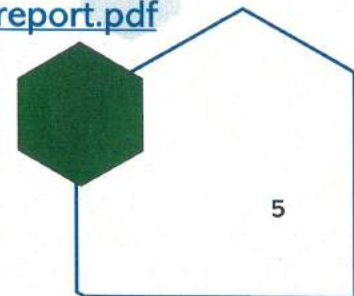
- BOEM's Gulf of Maine Tri-State Task Force
- NH Commission on to Study Offshore Wind and Port Development
- Special Initiative on Offshore Wind's multi-state collaboration to develop the framework for a commercial fisheries compensatory mitigation administrator's fund.
- The White House and US Department of Energy's Supply Chain Working Group



# A Focus on Partnerships & Outreach

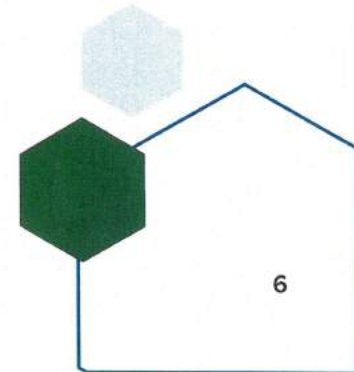
## Outreach:

- Two years of outreach:
  - Lead by NHDES, NH Fish & Game, NH Sea Grant, NHDOE, NH Port Authority, and BEA
  - To educate the public, the business community, and the State's elected officials of the siting, leasing, and permitting process and potential opportunities.
- NH Offshore Wind Summit, September 2022
  - Brought Together In-state and Out-of-state Industry Leaders
  - Discussed the strengths of NH's business sectors and the future opportunities that will be created by offshore wind in the Gulf of Maine.
- NHDES and NHDOE released report on greenhouse gas emissions and port & transmission infrastructure.
  - <https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/offshore-wind-deployment-report.pdf>



# State Legislative Activities

- **SB 268:** Updated New Hampshire's statutes and regulations regarding offshore wind deployment, including compensatory mitigation and federal consistency.
- **SB 440:** Established the NH Department of Energy's Office of Offshore Wind Industry Development as the state lead on advising the NH Public Utilities Commission (PUC) on offshore wind.
- **SB 152:** Establishes a marine trades pathway for high school students enrolled in a regional career technology center by creating a committee and fund dedicated to technical education and workforce development in New Hampshire's offshore wind industry.



# Federal Consistency and Geographic Location Description (GLD)

- Federal Consistency is a powerful tool!
- Federal activities outside of the coastal zone are not subject to federal consistency unless the state develops a GLD that is approved by NOAA.
  1. A coastal *effects analysis* describing the reasonably foreseeable effects on state's costal resources and/or uses.
  2. A description of the specific geographic boundaries of the area outside the state coastal zone for which the GLD is sought.
  3. The specific federally permitted activities that are subject to federal consistency review within the GLD boundary.





# NH Port Authority and Offshore Wind



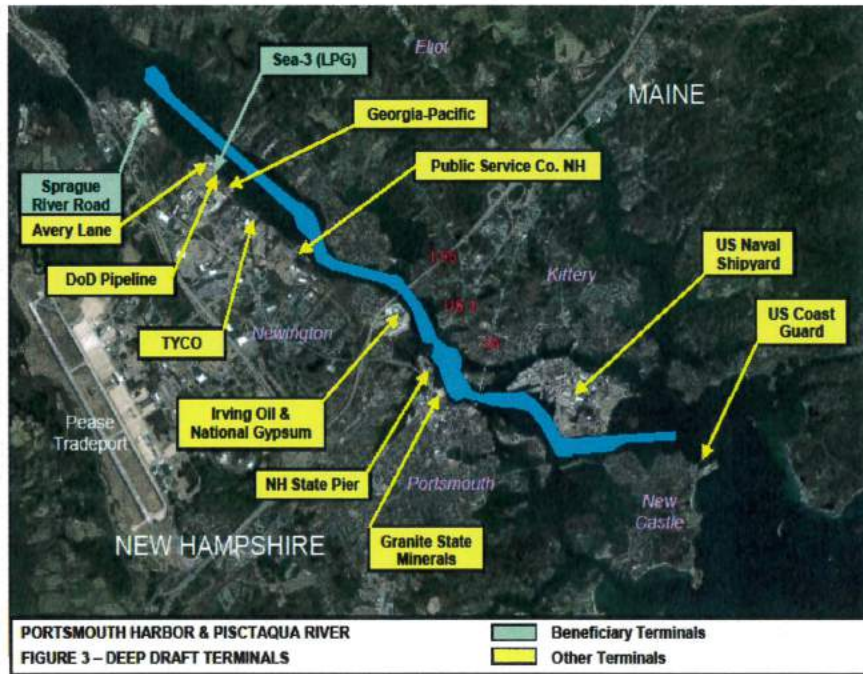
NH Port Authority





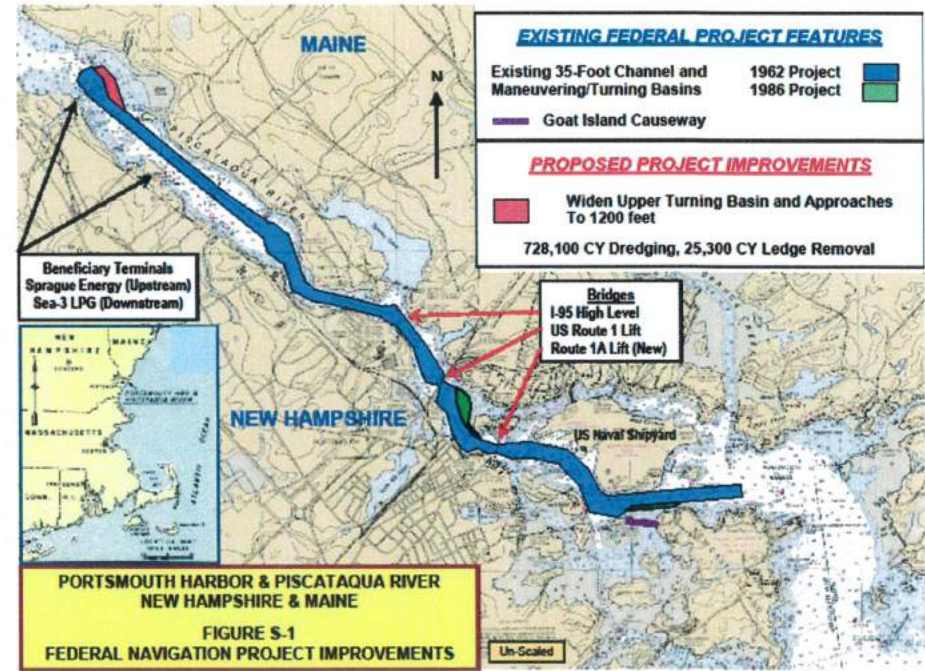
NH Port Authority

# Navigation Improvement Project



\*From U.S. Army Corps of Engineers

NH Port Authority





# Sarah Mildred Long Bridge Replacement



NH Port Authority



# Terminal Post-Bridge Relocation (2018)



NH Port Authority



# Main Wharf Rehabilitation





# Phase 1 Design Challenges

## “The Pond”





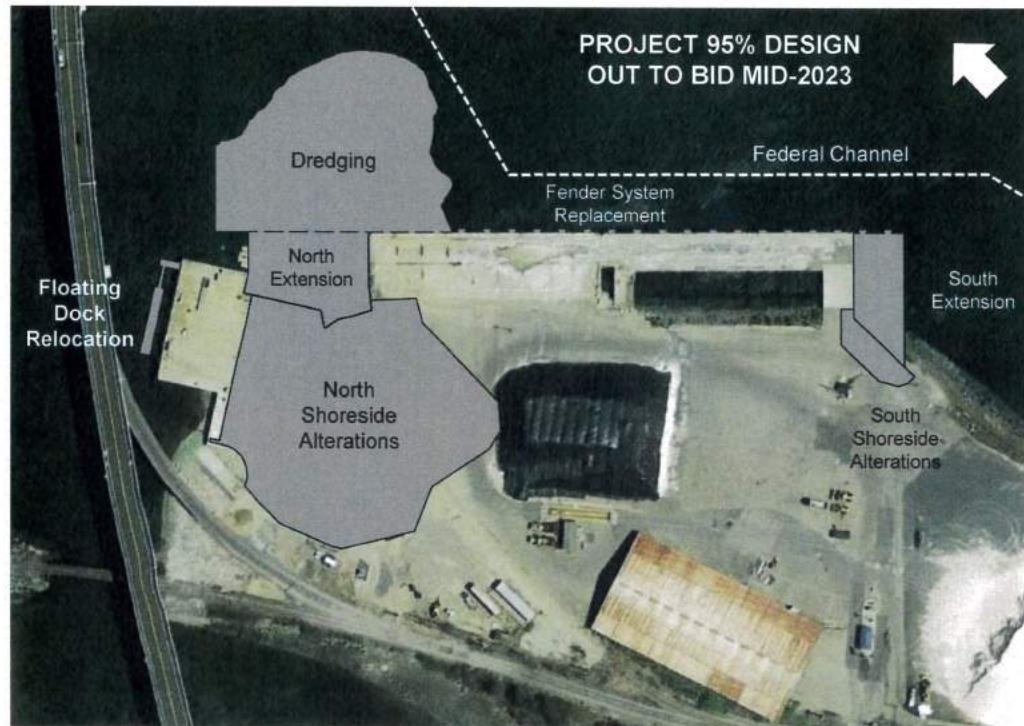
# Main Wharf Modification (2022-2023)



NH Port Authority



# Functional Replacement Project





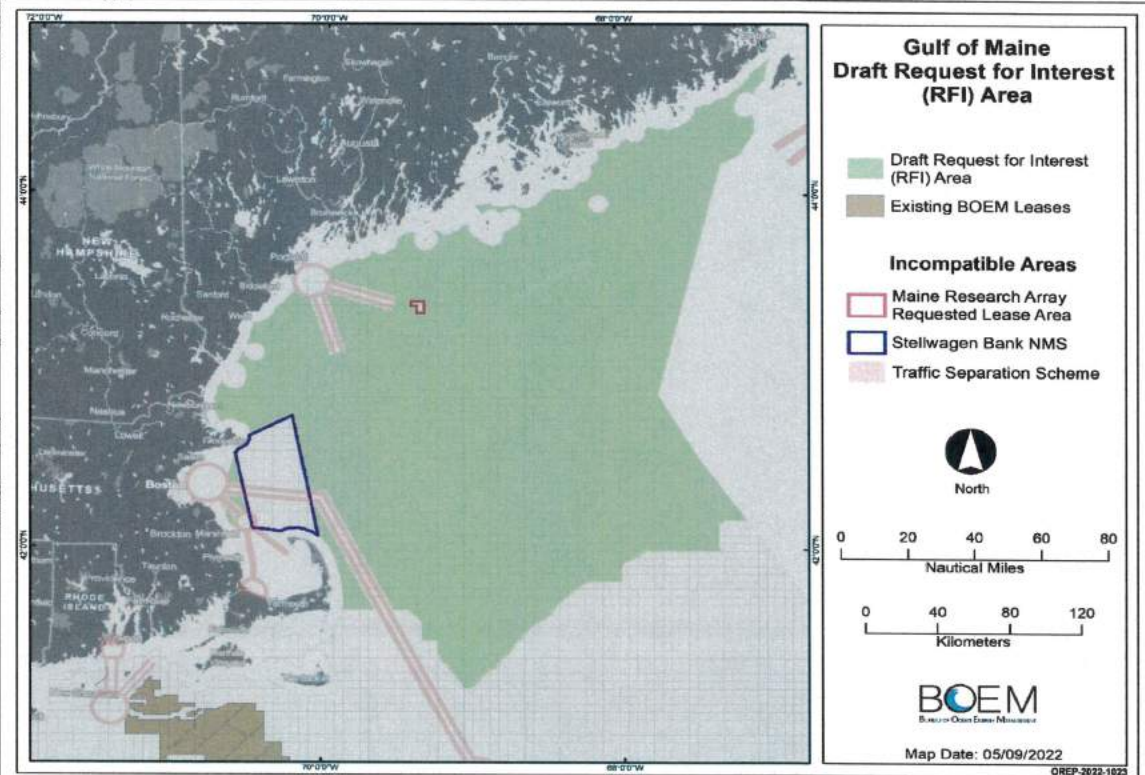
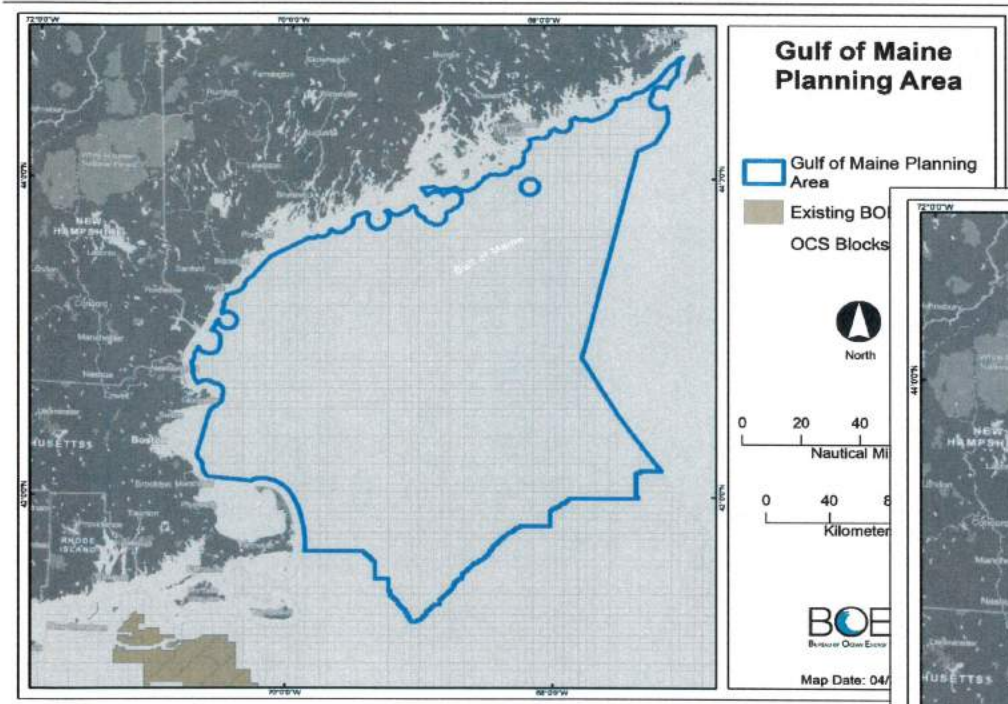


# Functional Replacement Project

- Brings back full operational capacity since Sarah Long Bridge relocation
- Ability to handle large ships despite limited real estate
- Supports construction for future maintenance
- Updates infrastructure to improve physical challenges of terminal, including:
  - Cargo Handling
  - Bridge Navigation
  - Strong Tidal Currents
  - Deep Water Necessities



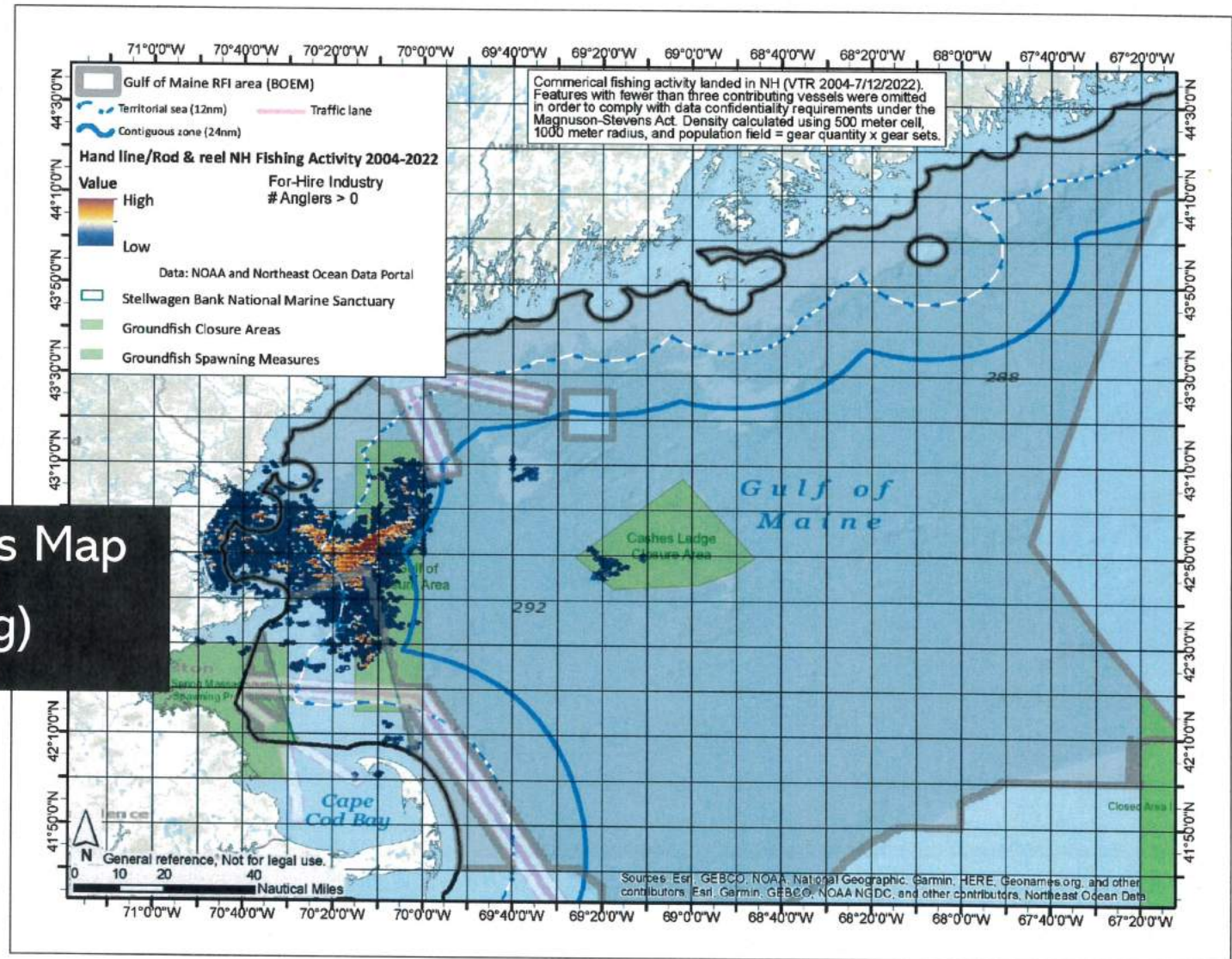
# The Winnowing



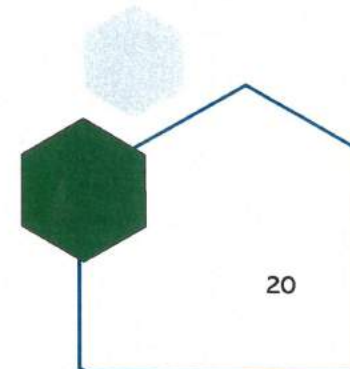
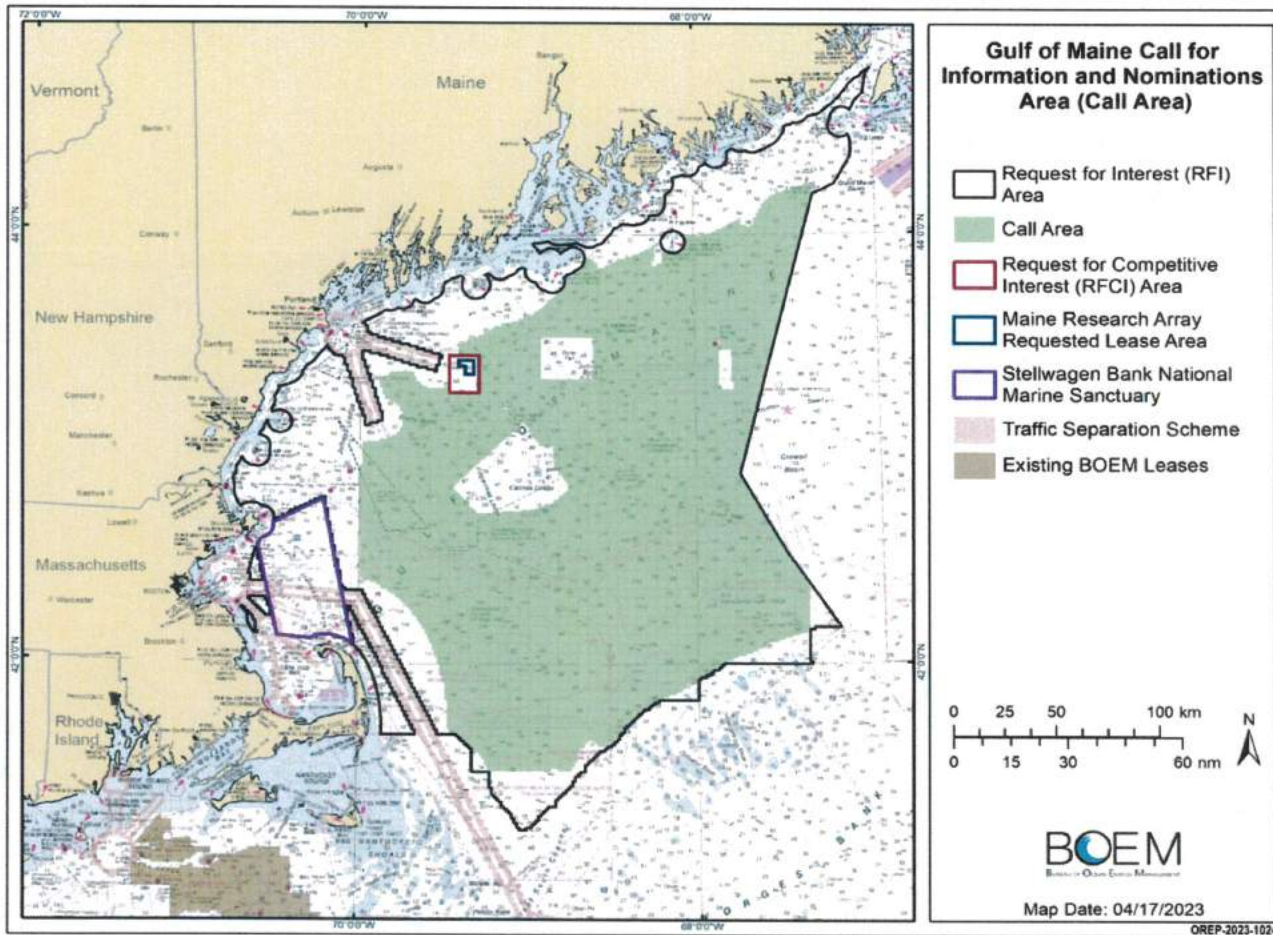
# RFI Outreach Included:

- 4 Stakeholder Meetings
- Materials for Public Comment

## Example: Constraints Map (Recreational Fishing)

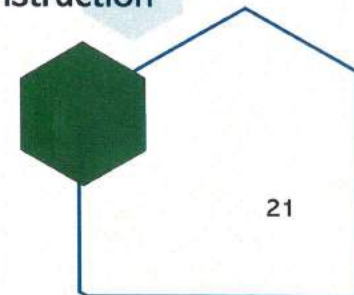


# The Winnowing Continues



# What's Next?

- The Offshore Wind Assessment Study report will be prepared to show the potential economic, energy, and environmental impacts for New Hampshire and the New England Region of offshore wind in the Gulf of Maine based on a SWOT analysis; stakeholder engagement by the consultant will also be part of the assessment process. The report will be finalized and released by September 30, 2023.
- Continue to work with the Special Initiative on Offshore Wind and the other 11 states on developing a framework for a commercial fisheries compensatory mitigation administrator's fund.
- Continue to participate in the White House/US Department of Energy's Supply Chain Operations Working Group.
- Improvements to NH's Port Infrastructure – The NH Port Authority has five projects it has either started or is in the final stages of securing funding for that are part of its efforts to ensure New Hampshire's main port in Portsmouth and its supporting facilities in other parts of the state have the capacity and capability to service the large cargo ships that are part of offshore wind supply chain operations; the state is moving these projects forward as quickly as possible to ensure completion of all five projects before construction of any offshore wind facilities in the Gulf of Maine begins.



# BOEM's Next Steps

- BOEM will review the public comments they received for the Call Area.
- BOEM will holding additional outreach meetings with stakeholders to discuss the comments they received for the Call Area in preparation for the development of Wind Energy Areas
- In the last quarter of 2023, BOEM will identify the Wind Energy Areas and after receiving input will announce Wind Energy Area designations.

The lease process is not the beginning of the end, it is the end of the beginning.





# Thank you!

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