



NYSERDA

Maritime Technical Working Group

Meeting

January 23, 2025 | Zoom Webinar



Purpose of today's meeting

1. To share member and state updates
2. Provide input on 2025 M-TWG workstreams
3. Discuss maritime coordination and outreach



Member Updates



BLUEPOINT
WIND

Bluepoint Wind Project Presentation

NYSERDA – Maritime Technical Working Group

Tim Brown, Marine Affairs Manager, timothy.brown@oceanwinds.com

January 23, 2025

Bluepoint Wind by the Numbers: 71,522 acres, average depth 54.5 meters, 38 nautical miles (NM) south of Long Island, New York and 53 east of New Jersey.

Expected Avoided Emissions: 5.07 million metric tons of CO₂, or the equivalent of taking 1.09 million gasoline powered passenger vehicles off the road for one year. *(Source: EPA)*

Recent Progress & Year Ahead:

- ✓ Construction and Operations Plan Submitted for Project 1 in early October.
- ✓ Entered federal Fast-41 Permitting Process:
<https://www.permits.performance.gov/permitting-project/fast-41-covered-projects/bluepoint-wind-1>
- ❖ Analyzing 2024 GT results and further advancing engineering.
- ❖ Engaging with regional stakeholders and market to advance project goals.



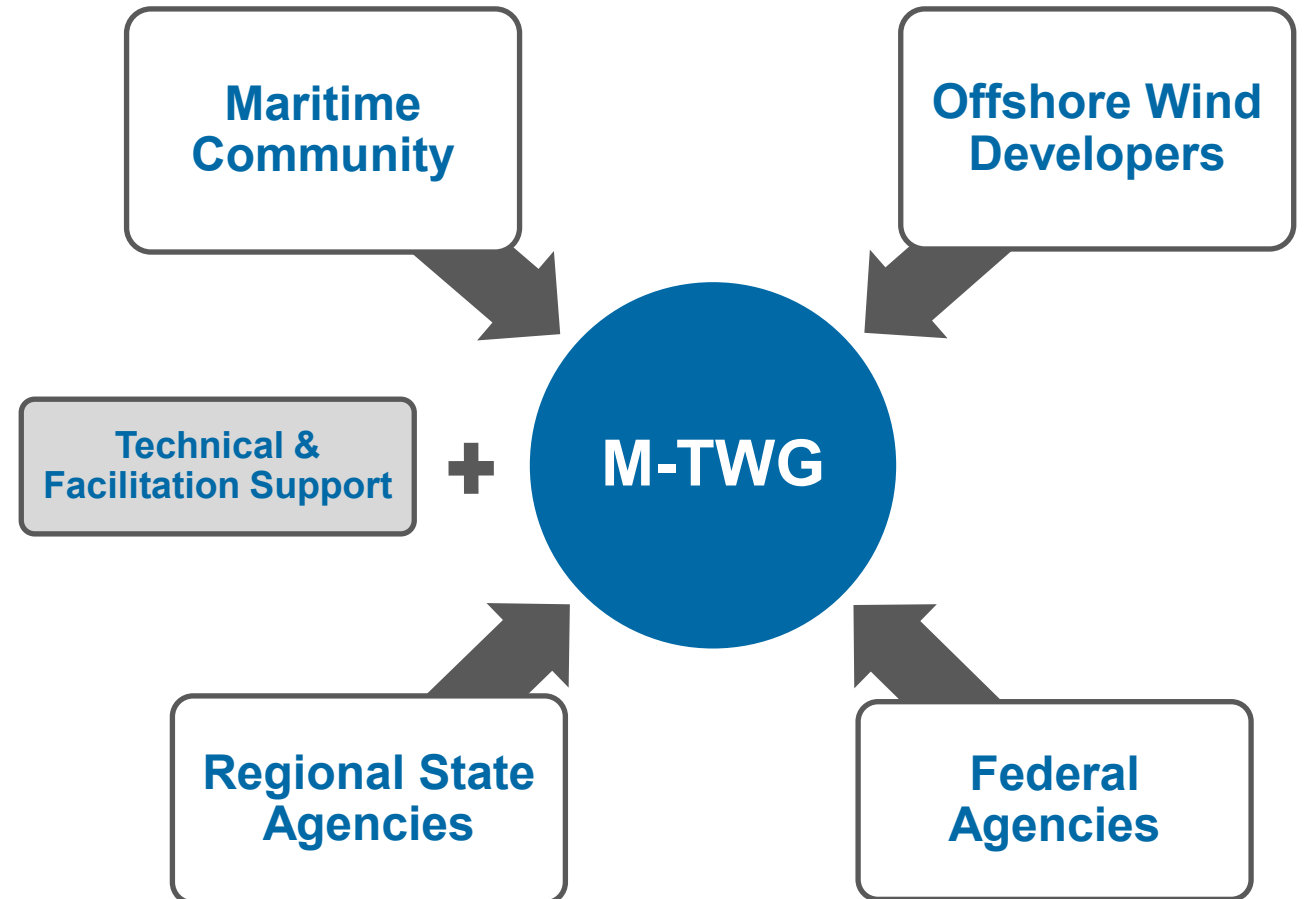
M-TWG Updates

The M-TWG is an advisory body

<https://www.nymtwg.com/>

GOALS

- Build and strengthen relationships among those who care about and work on commercial navigation matters
- Provide a forum for collaborative, respectful deliberation and information exchange
- Ensure that participants are aware of and able to engage with related offshore wind development efforts
- Support the State's efforts to meet its offshore wind goals



Led by NYSDOS

Laura McLean

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Joel Bernosky

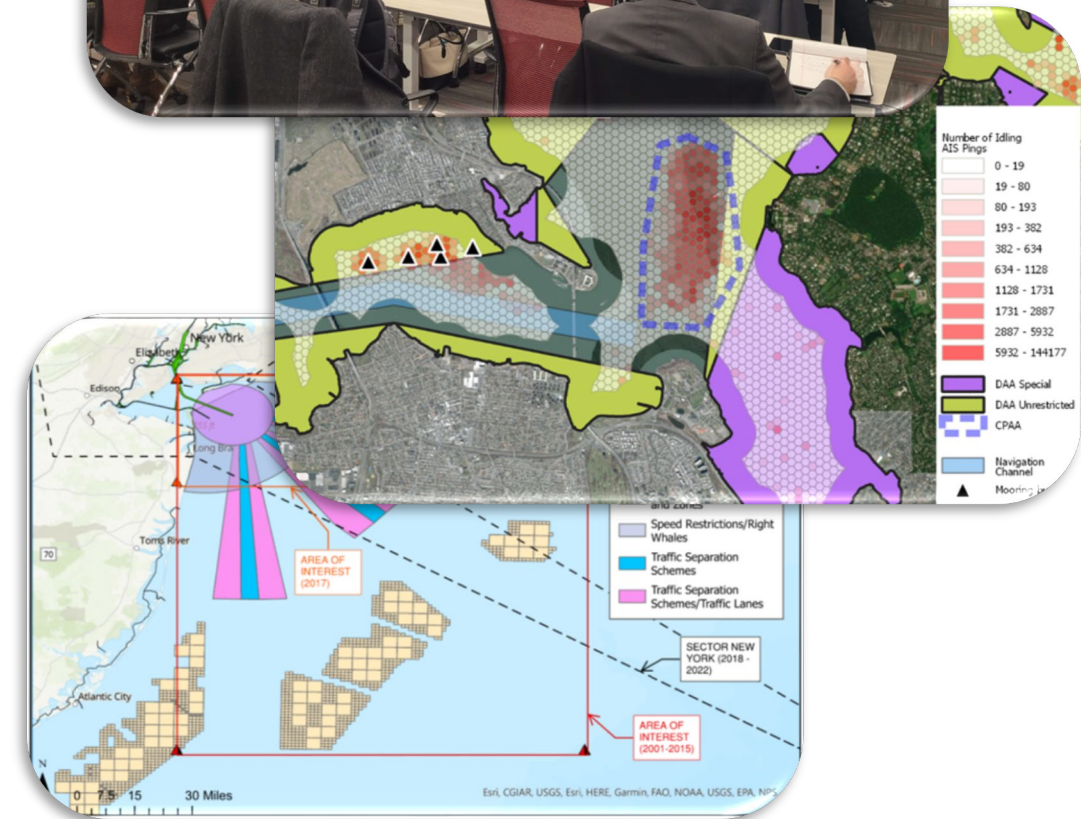
Joel.Bernosky@dos.ny.gov



NYSDOS

Informing and guiding

- › M-TWG Summary Report, November 2020
- › Shared Research Agenda, October 2021 & revised Fall 2024
- › Anchor Strike Study, March 2022
- › Anchorage Area Assessment, December 2022
- › Cabling Workshop, April 2023
- › Comment letter to Public Service Commission, April 2023
- › Assessment of Loss of Propulsion and Steering Data, August 2023
- › M-TWG meetings, quarterly information sharing



M-TWG 2025 Meeting Plan

Today	Spring/Summer	Fall	Winter
M-TWG workstreams <ul style="list-style-type: none">• Outreach & Communication	Maritime Workforce	Draft M-TWG study review	Transmission

Anticipating the need for continued flexibility



Study on Autonomous Vessel Usage for Offshore Wind in New York

Project Opportunity:

- Outcome of updated Research Agenda
- Topic 1.7 Jones-Act Compliant Vessel Availability

Project Overview:

Examine the current state of these technologies and explore their potential future use

Understand the implications of emerging autonomous and unmanned technologies for all of phases of an offshore wind project

Provide a resource for M-TWG members to learn about potential applications and constraints of these technologies in New York region



Scope of Work and Deliverables Summary:

No.	Task	Description	Key Deliverable
1	Literature Review	Review current literature and practices around autonomous maritime technologies, including surface and subsurface technologies, and regulatory practices in related industries. Provide non-technical descriptions explaining different categories of equipment and types of applications.	Literature Review Memo
2	Stakeholder Engagement	Identify 5-10 key stakeholders to interview and capture diverse perspectives on autonomous vessel technologies.	Stakeholder Interview Plan
			Stakeholder Engagement Memo
3	Case Studies	Develop 4 case studies of domestic and international autonomous vessel usage/pilot projects and assess their applicability in the US/New York region.	Case Study Memo
4	Review of Impacts	Summarize the implications of using autonomous technologies for the offshore wind development, including safety, security, workforce, costs, data management, fuel options, policy and regulatory considerations (including Jones Act).	Impacts of Autonomous Vessels Memo
5	Opportunities and Constraints	Assess the opportunities and constraints of advancing autonomous technologies for offshore wind in New York region.	Opportunities and Constraints Memo
6	Final Report	Compile findings into a technical report for review. Share with M-TWG for review and comment.	Draft Final Report
			Final Report
7	Knowledge Share	Develop a presentation of findings for sharing at a future meeting, potentially including a workshop panel.	Draft/Final Presentation
			Optional Workshop Panel

Project Schedule:

	Project Schedule										
	1	2	3	4	5	6	7	8	9	10	11
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1. Literature Review		◆									
2. Stakeholder Engagement			◆								
3. Case Studies				◆							
4. Impacts Assessment						◆					
5. Opportunities & Constraints								◆			
6. Draft & Final Report			●			●			◆	●	◆
7. Knowledge Share											

◆ Deliverable Due

● M-TWG Stakeholder Input

M-TWG Website Updates

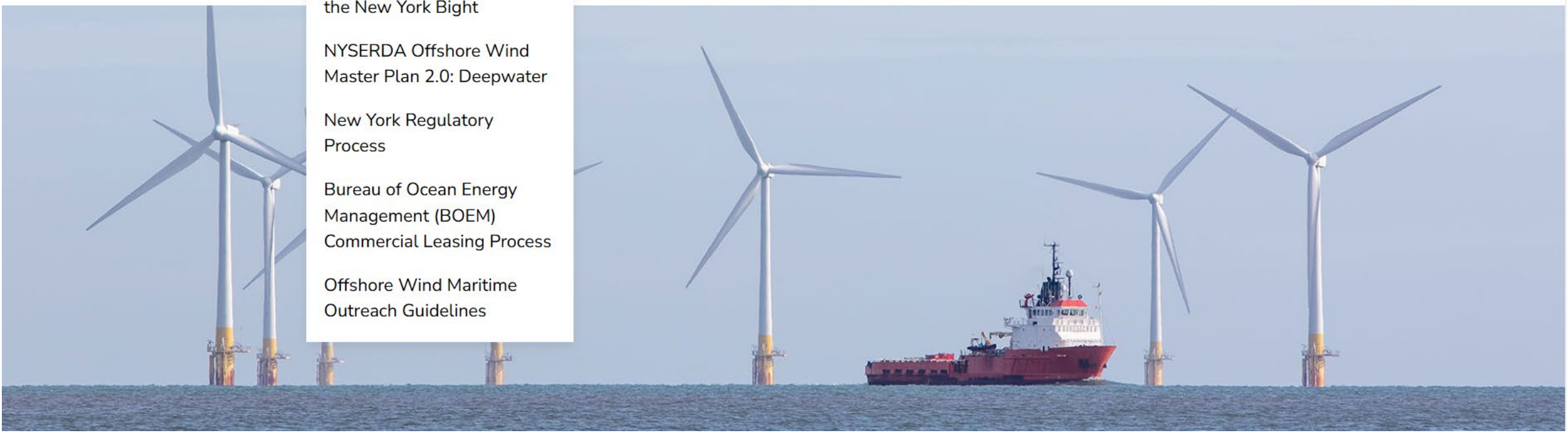
<https://nymtwg.com/>

New York State Maritime Technical Working Group

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- Offshore Wind Projects in the New York Bight
- NYSERDA Offshore Wind Master Plan 2.0: Deepwater
- New York Regulatory Process
- Bureau of Ocean Energy Management (BOEM) Commercial Leasing Process
- Offshore Wind Maritime Outreach Guidelines



Offshore Wind Projects in the New York Bight

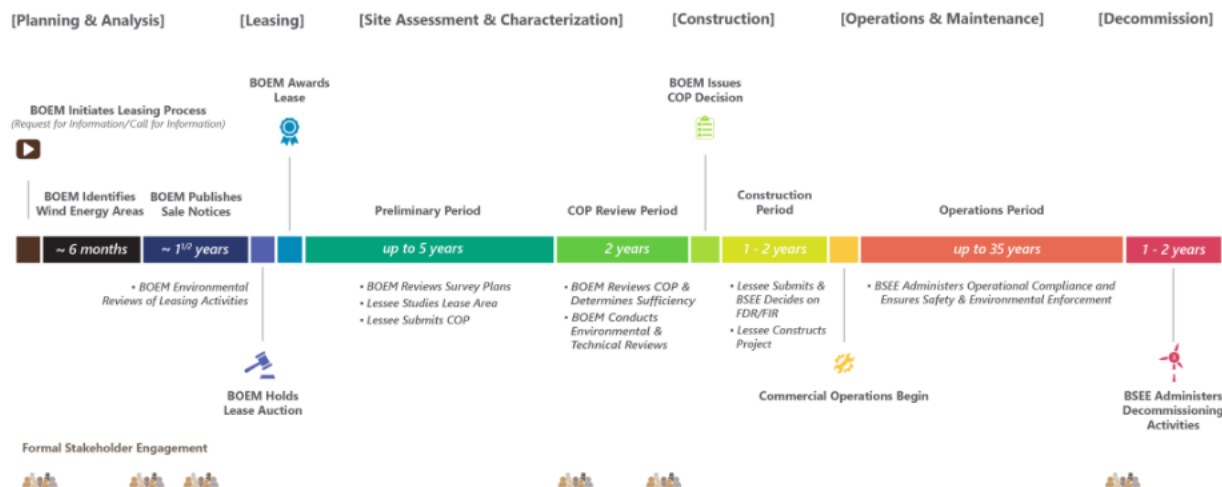
Aligning with New York's [10-Point Action Plan](#), the New York State Energy Research and Development Authority (NYSERDA) continues to demonstrate its commitment to the transition to clean energy on a local, regional, and national scale through its offshore wind contracted projects. Since 2018, awarded contracts to lease holders in the vicinity of the New York Bight include the following projects:

Project	Developer	Lease Number	Capacity	Expected COD	Information for Mariners
South Fork Wind*	Ørsted and Eversource	OCS-A 0517	132	2024	South Fork Wind Construction Archive
Sunrise Wind	Ørsted and Eversource	OCS-A 0487	924	2026	Resources for Local Mariners
Atlantic Shores South Project 1 & 2	Atlantic Shores	OCS-A 0499 & OCS-A 0570	2,800	2028 (Project 1)	Mariners – Atlantic Shores Offshore Wind (atlanticshoreswind.com)
Empire Wind 1 & 2	Equinor	OCS-A 0512	2,100	2027 & 2029	Mariners And Fisheries Information
Atlantic Shores North	Atlantic Shores	OCS-A 0549	2,355	2028	Mariners – Atlantic Shores Offshore Wind (atlanticshoreswind.com)
Beacon Wind (BW1 & BW2)	bp	OCS-A 0520	BW1- 1,230, BW2- 1,360	2029	Fisheries Communication Plan
Attentive Energy One	TotalEnergies, Rise Light & Power, and Corio	OCS-A 0538	3,000	2029	Marine Activity + Offshore Operations for Fishermen and Mariners
Community Offshore Wind	RWE and National Grid	OCS-A 0539	3,000	2030	Fisheries and Resources for Fishermen and Mariners
Excelsior Wind/Vineyard Mid-Atlantic	Vineyard Offshore	OCS-A 0544	1,300	2030	Fisheries and Mariners
Leading Light Wind	Invenergy and energyRe	OCS-A 0542	2,000	2030	Leading Light Wind For Mariners
New England Wind 1 & 2	Vineyard Offshore	OCS-A 0534 & OCS-A 0561	1,200	2031	0522 Fisheries (vineyardoffshore.com)
Atlantic Shores Bight	Atlantic Shores	OCS-A 0541	1,500	Not Available	Mariners – Atlantic Shores Offshore Wind (atlanticshoreswind.com)

Bureau of Ocean Energy Management (BOEM) Commercial Leasing Process

BOEM's Renewable Energy Program occurs in four phases, which include: (1) planning and analysis, (2) lease issuance, (3) site assessment, and (4) construction and operations.

The flow chart below outlines BOEM's process for authorizing wind energy leases and opportunities for public comment for a representative project.



Source: [BOEM](#)

For more information on BOEM's Renewable Energy Program, visit: <https://www.boem.gov/renewable-energy>.

For additional information on the federal leasing and permitting process visit BOEM's [Regulatory Framework and Guidelines | Bureau of Ocean Energy Management \(boem.gov\)](#).

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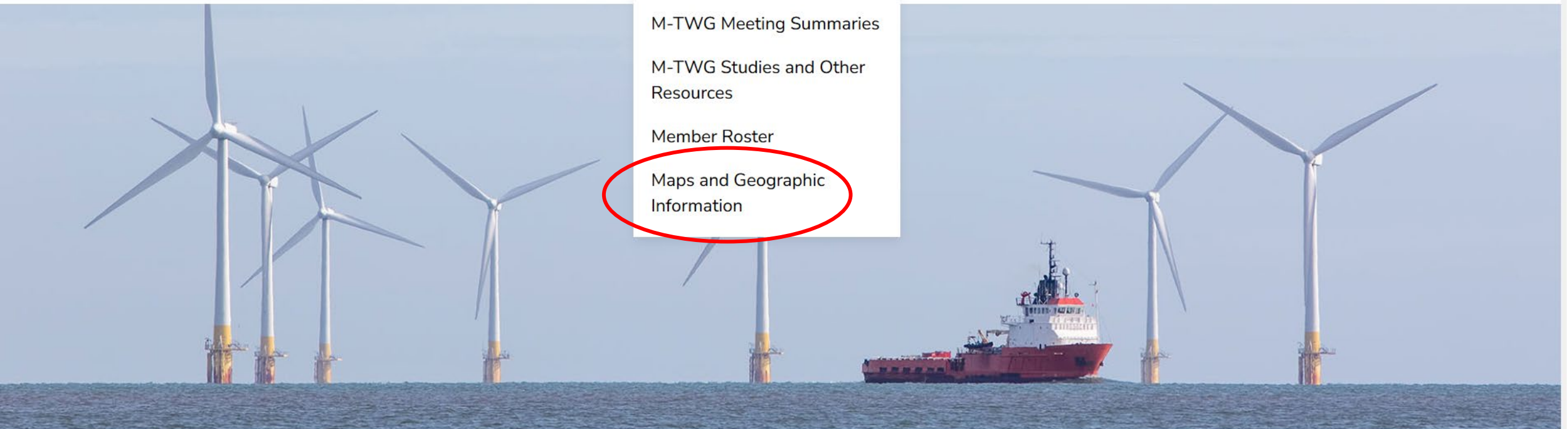
M-TWG Cabling Workshop

M-TWG Meeting Summaries

M-TWG Studies and Other
Resources

Member Roster

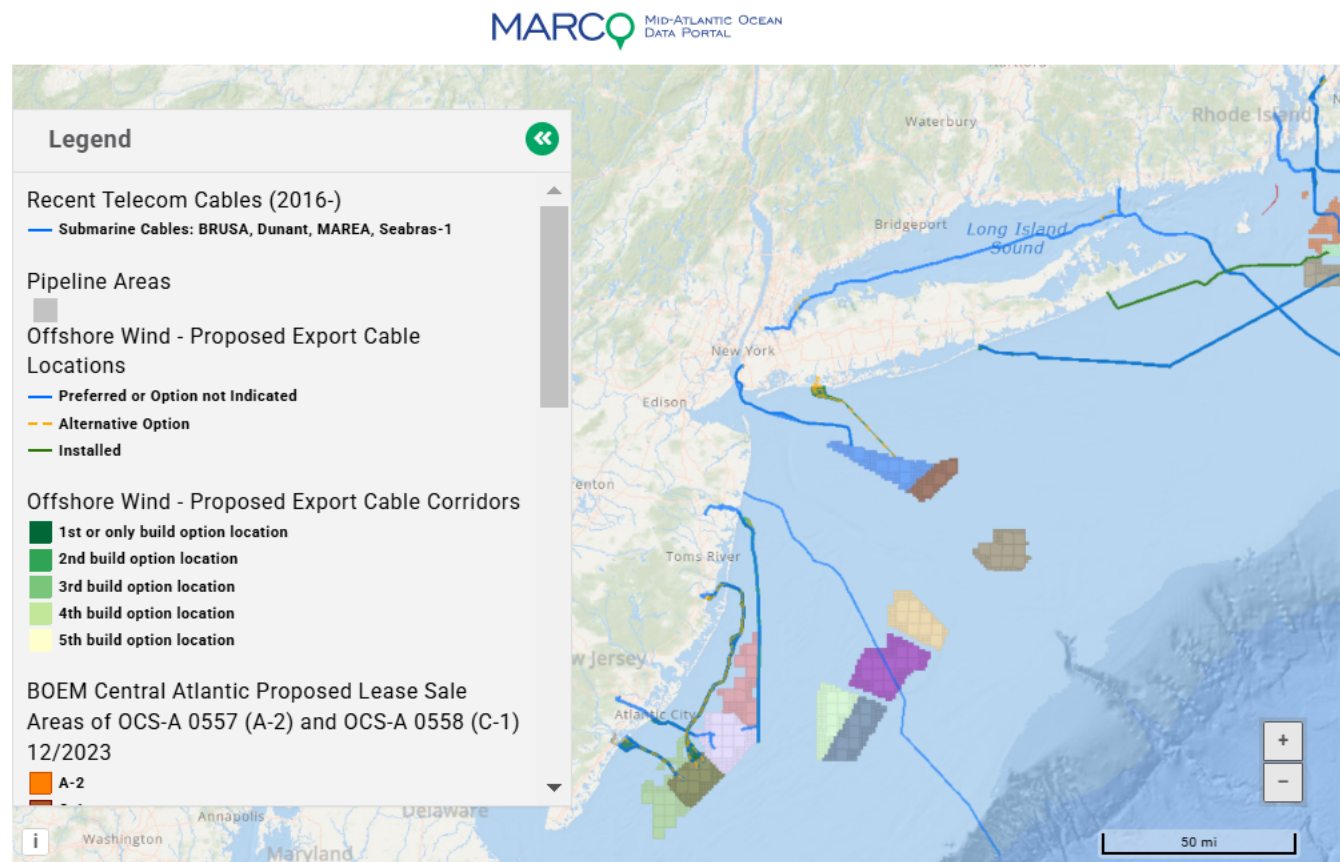
Maps and Geographic
Information



*Note- If viewing this page on a mobile device, please rotate your screen and click the green arrows to hide and unhide the map legend to explore the map.

Offshore Wind Basemap

The following [base map](#) from the MARCO data portal provides the Bureau of Ocean Energy Management (BOEM) active lease areas as well as existing and proposed submarine cable routes and pipeline areas. This map also displays offshore wind planned ports from 2023.



State Updates

NYSERDA Updates: MTWG Meeting January 23, 2025

- Supply Chain procurements
- Ports RFQL to support manufacturing
- NY5 OREC procurements
- NY6 RFI – extended
- Master Plan 2.0

Contact:
sherryll.huber@nyserda.ny.gov



M-TWG Consensus Discussion

Consensus



- Do stakeholders agree on a common purpose or goal?
- Are stakeholders willing to collaborate and compromise?
- How does the group define consensus?
 - *No one standard*
 - *"Can you live with it?"*
- How does the group deal with dissenting views?

Proposed Consensus Decision-Making



Seek overwhelming agreement on final recommendation:

75% of participants can at least live with it, with each member having 1 vote.

Possible votes:

- Endorse and support the final recommendation
- They can live with the final recommendation
- They cannot live with the final recommendation
- *Members can also abstain from voting. Those who abstain will not be counted in the final tally.*

Final report: Capture the weight of the group's perspective on the final recommendation, including the key reasons why any who do not support the recommendation are not able/willing to sign on. If necessary, report out areas of agreement and disagreement. One report only.

New York & New Jersey Harbor Safety, Navigation and Operations Committee

Presented by:

Capt Eric Johansson, Vice Chair
Stephen Lyman Maritime Association Port of NY & NJ

1/23/2025 Winter M-TWG

The Power of Collaboration

History

▶ Early Beginnings:

- ▶ The origins of the Harbor Operations Committee (HOPs or Harbor Ops) date back to the early 1990's, as the Port of New York and New Jersey, one of the world's busiest and most strategically significant maritime hubs in the United States, grew to meet the demand of larger ships. Informal groups of port stakeholders, including terminal operators, shipping lines, tug and barge companies, and regulatory agencies, met to address shared concerns.

▶ Formal Establishment:

- ▶ Recognizing the groups value to Port Operations the committee was Chartered in 1997 with the Maritime Association of the Port of New York and New Jersey providing a central role in coordinating its activities. By-Laws, Mission Statement, and Officers were formed.



Mission Statement

The Harbor Safety, Navigation and Operations Committee of New York and New Jersey (Harbor Ops) strives to develop non-regulatory solutions to operational challenges in our geographically constrained, mixed-use harbor, and provide a forum to improve and promote safety, operational efficiency, and address environmental concerns

Harbor Ops is an inclusive, cooperative and open forum for private and public stakeholders to promote collective waterways management.

Harbor Ops will work to ensure communications, prudent management practices and a reliable and efficient marine transportation system for all stakeholders in the Port of New York and New Jersey.

The Port of New York and New Jersey region encompasses all waters south of the George Washington Bridge, west of Execution Rocks, the Upper and Lower Bay, Jamaica Bay, the Kill Van Kull, Newark Bay, the Arthur Kill, Raritan Bay, Sandy Hook Channel, Ambrose Channel, and all harbor approaches and connected inland tributaries.

Function

The function of Harbor Ops is to act as a collective voice for the Port of New York and New Jersey region to maximize the safe and efficient use of the waterway, address environmental concerns, and encourage interagency cooperation.

This is accomplished by:

- ▶ reviewing issues, projects, and events that may affect navigational safety and the marine transportation system
- ▶ advocating for positive change and agreeable solutions
- ▶ leveraging expertise to address diverse maritime issues and conducting studies
- ▶ acting as a cohesive voice for the best interests of the Port of New York and New Jersey region
- ▶ working collaboratively with any other organizations or entities to address issues of mutual concern
- ▶ acting proactively to plan and provide for leadership succession among our stakeholders to maintain continuity, knowledge, and the expertise to fulfill the above goals.



- ▶ Today, the Harbor Ops functions as a key advisory group within the Port of NY/NJ.
- ▶ Its members include representatives from the private sector, federal and state agencies, and local organizations.
- ▶ The committee plays an instrumental role in fostering communication and problem-solving among stakeholders, ensuring the port remains a vital economic engine and a leader in innovation and sustainability.

Structure

Executive Committee

The Executive Committee is comprised of members who equitably reflect stakeholder representation of the Full Committee and serves as a sounding board for new ideas and opportunities.

- Addresses issues requiring short term solutions and/or extensive research and investigation.
- Evaluates internal and external operating procedures of Harbor Ops and will encourage positive change and innovation for the betterment of the Port of New York and New Jersey region.
- Reviews future project plans in the harbor and advises the project sponsors on potential impact to waterway users.

Full Committee

The Full Committee membership is intended to include all interested representatives of waterway and port users.

- The primary duty of the Full Committee is to convene waterway and port users to inform all stakeholders and the public about unique conditions in the waterways i.e. dredging, races, construction etc.

Subcommittees



Bridge



Bulk Liquid Movement



Deep Draft Working Group



Energy



Harbor Education



Passenger Vessel

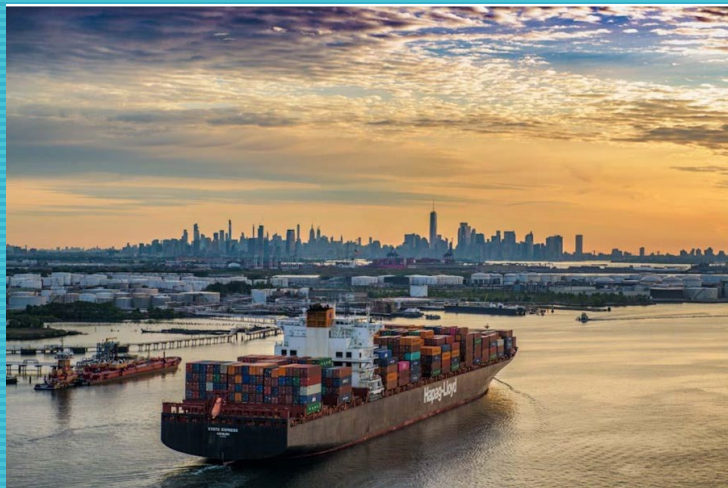


Tug & Barge

Governance

- ▶ The Harbor Safety, Navigation & Operations Committee is a voluntary group.
- ▶ Harbor Ops is not administered by the United States Coast Guard but maintains a strong partnership and interfaces with the Captain of the Port, Waterways Management Division and the Director of the Vessel Traffic Service.
- ▶ Harbor Ops members also include state entities from New York and New Jersey, and other Federal Agencies like NOAA and USACE.
- ▶ Harbor Ops establishes, most often by consensus, voluntary local measures that go beyond rules and regulations and critical reality-based advice.
- ▶ Harbor Ops allows industry reps with port specific expertise to work alongside and hand-in-hand with agency partners toward a common goal
- ▶ Recently, USCG updated the [Navigation and Vessel Inspection Circular \(NVIC\)](#) to provide guidance to public and private stakeholders participating in local Harbor Safety Committees (HSC) in order to improve and enhance local coordination of Marine Transportation System (MTS) issues.





Presenting to Harbor Ops is an excellent opportunity to share new projects, propose solutions, or advocate for initiatives relevant to the port's operations.

- ▶ Presentations should be holistic and include impacts to the Maritime Transportation System and supply chain.
- ▶ For clarity should be presented utilizing NOAA charts
- ▶ Presenting a project in its early stages assists overcoming hurdles leveraging committee members knowledge and subject matter experience
- ▶ No one waterway stakeholder is more important than the others; we all have our subject matter expertise, but also blind spots.

To schedule a presentation contact hops@nymaritime.org



Thank You

2023 Cabling Workshop

Themes from "Maritime Outreach and Coordination" breakout session

- Essential information for mariners related to process
- Coordination among sectors
- Clear contacts & roles for stakeholders
- Forums for conducting outreach

<https://nymtwg.com/wp-content/uploads/2023/04/Workshop-Summary-Report.pdf> - pg.16-17



Activity

Next Steps



NYSERDA

Thank you!

