



Fisheries Engagement: NY Bight Proposed Sale Notice

Office of Renewable Energy Programs

July 20 & 22, 2021

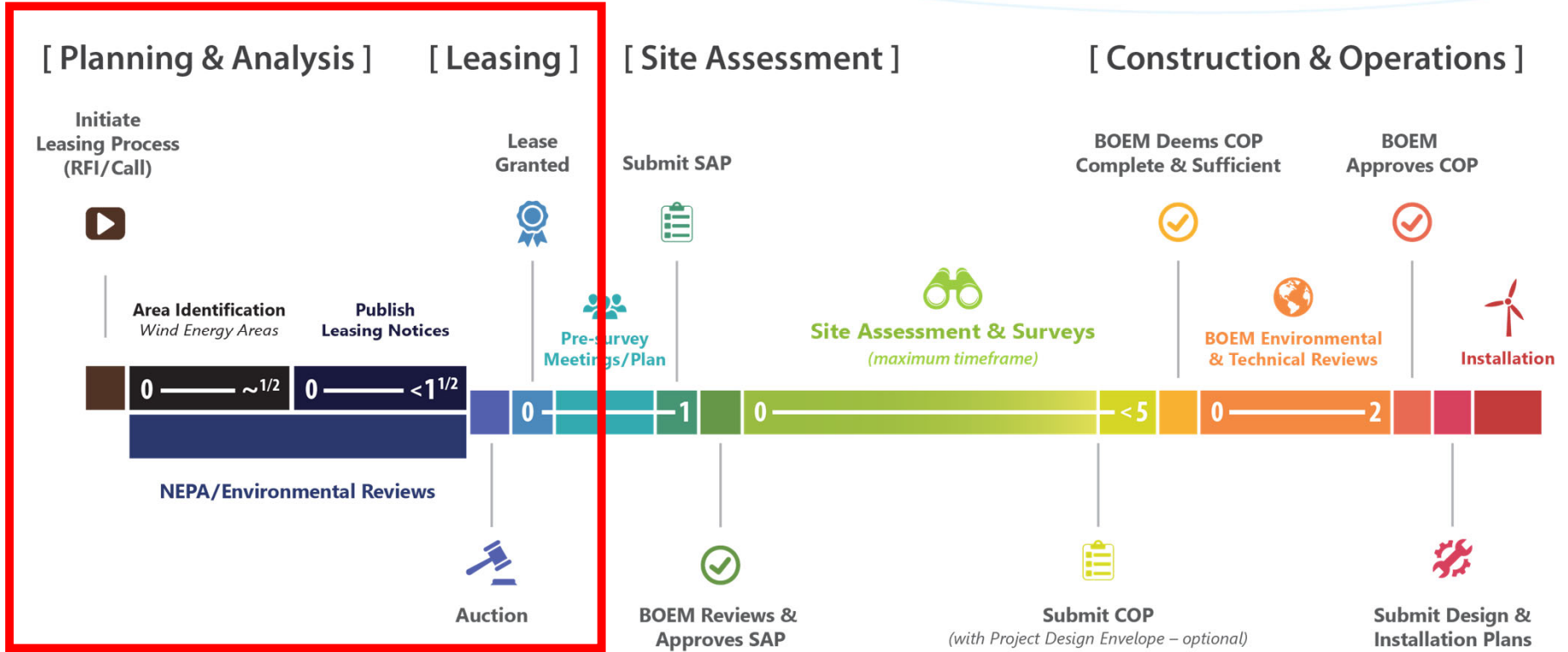


Overview

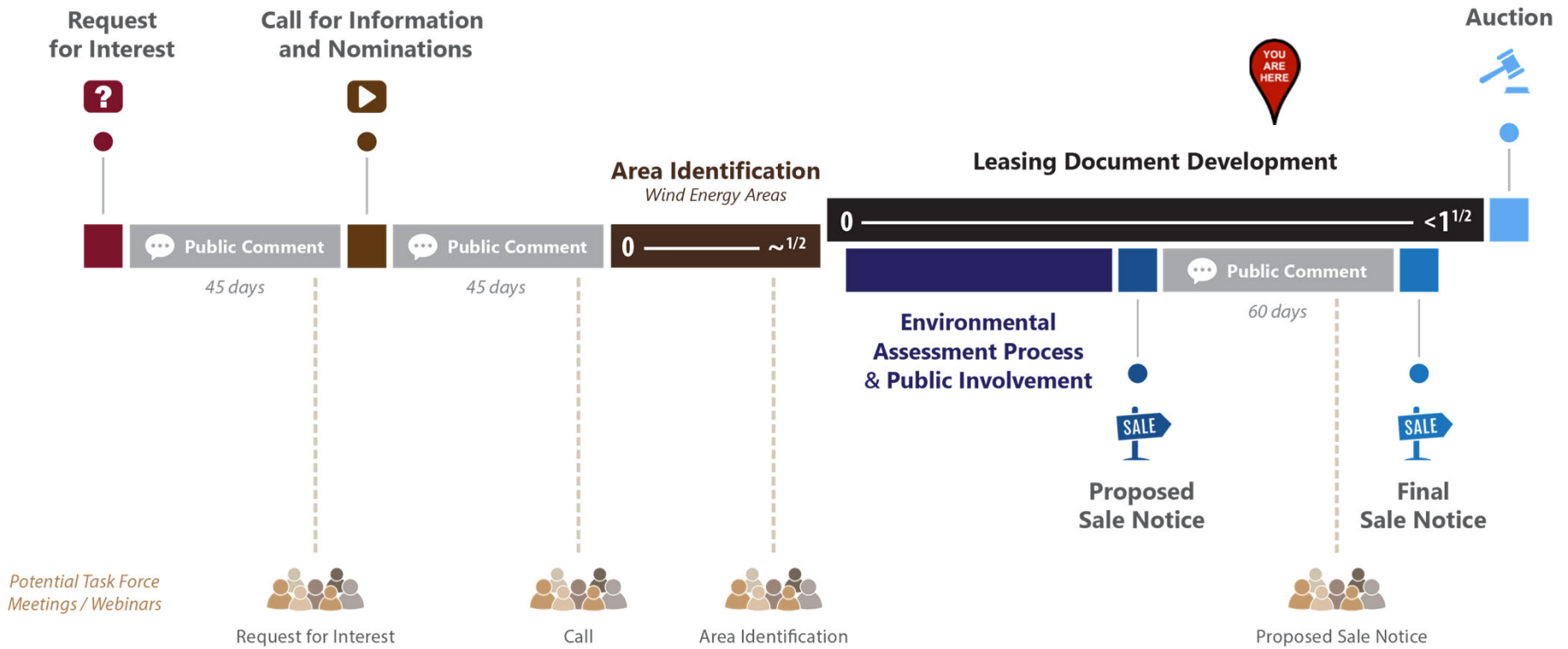
- **BOEM Process**
- **Wind Energy Areas**
- **Proposed Lease Areas**
- **Questions and Conversation**

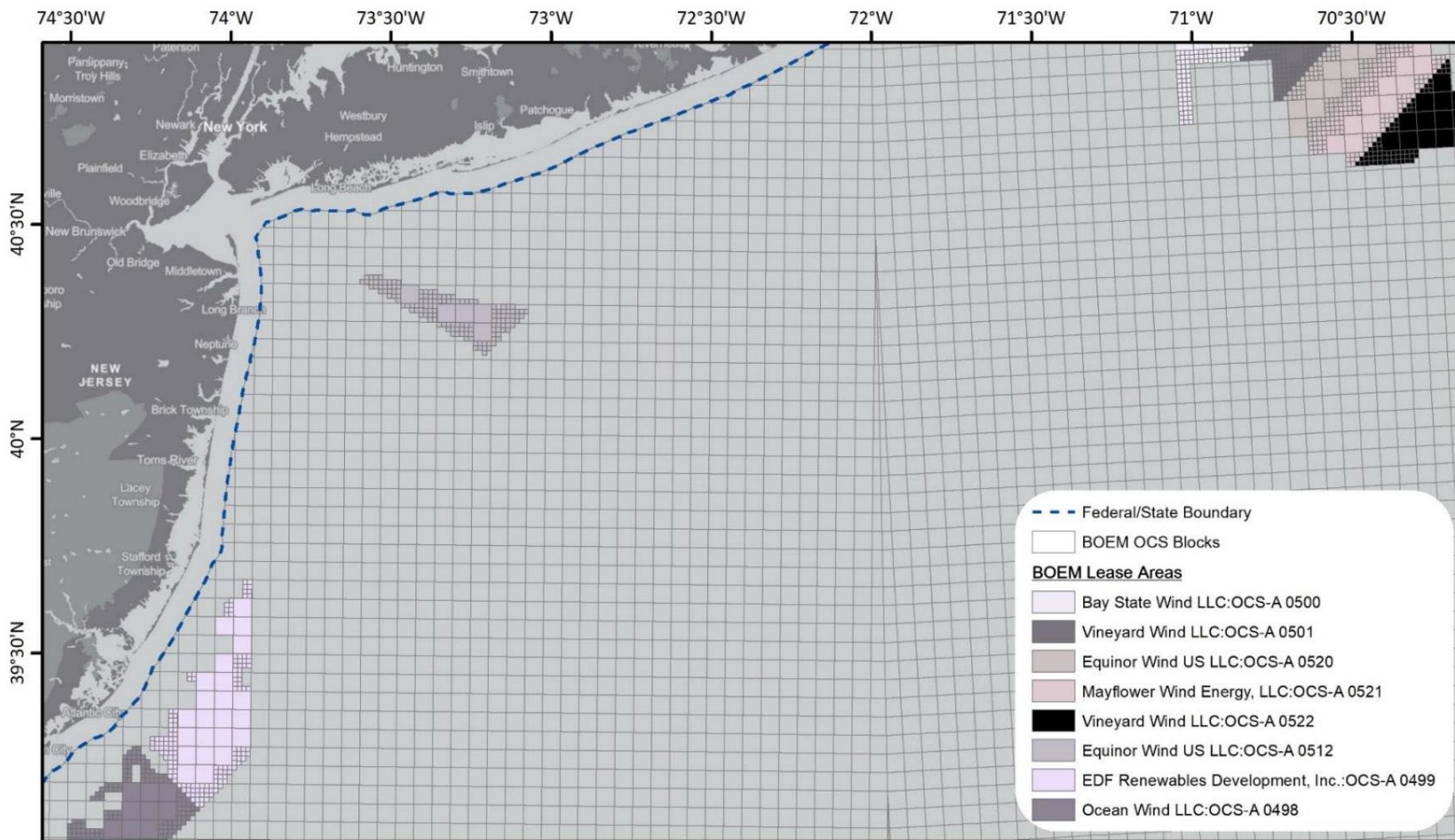


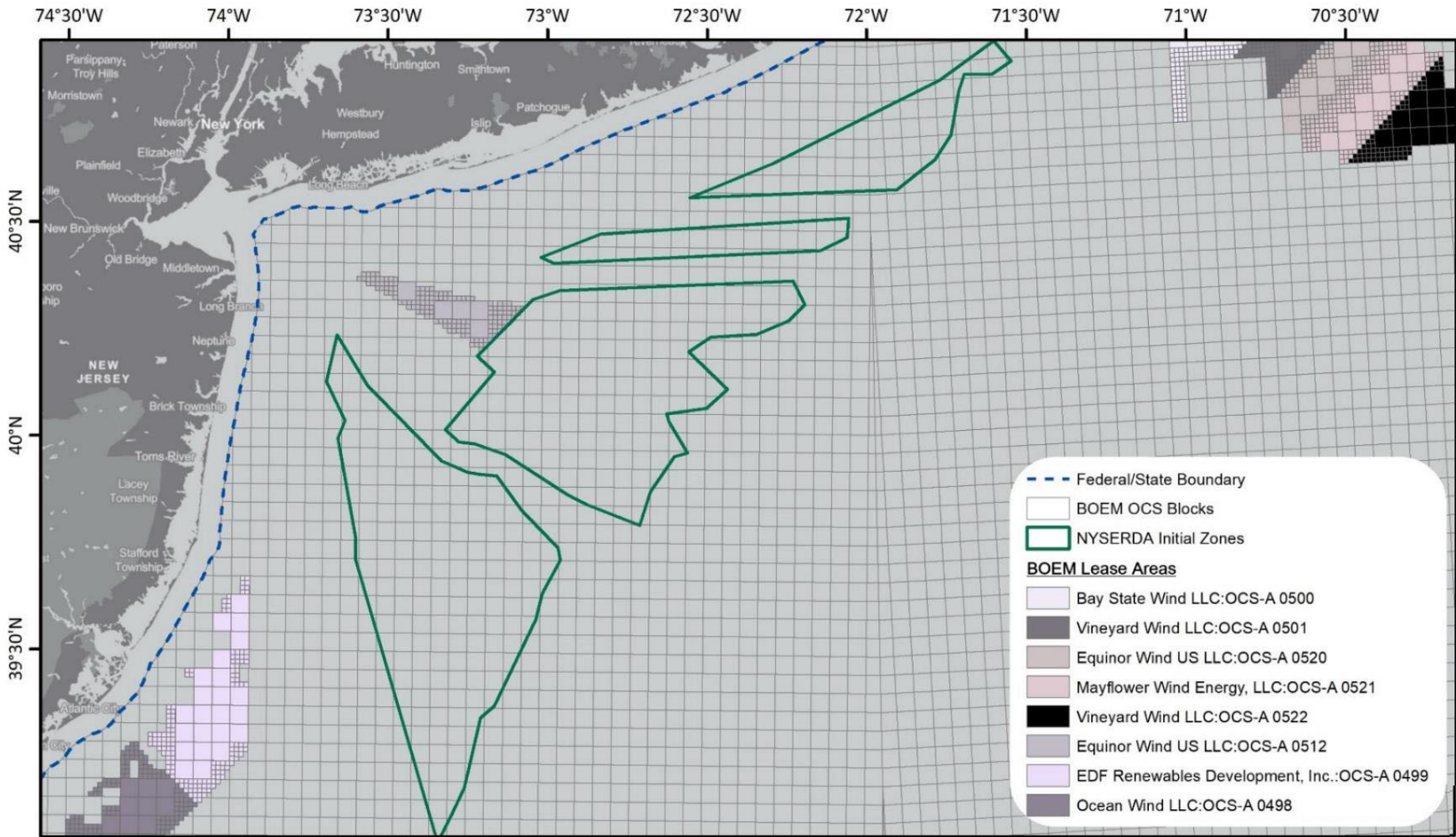
Renewable Energy Process: From RFI/Call to Operation

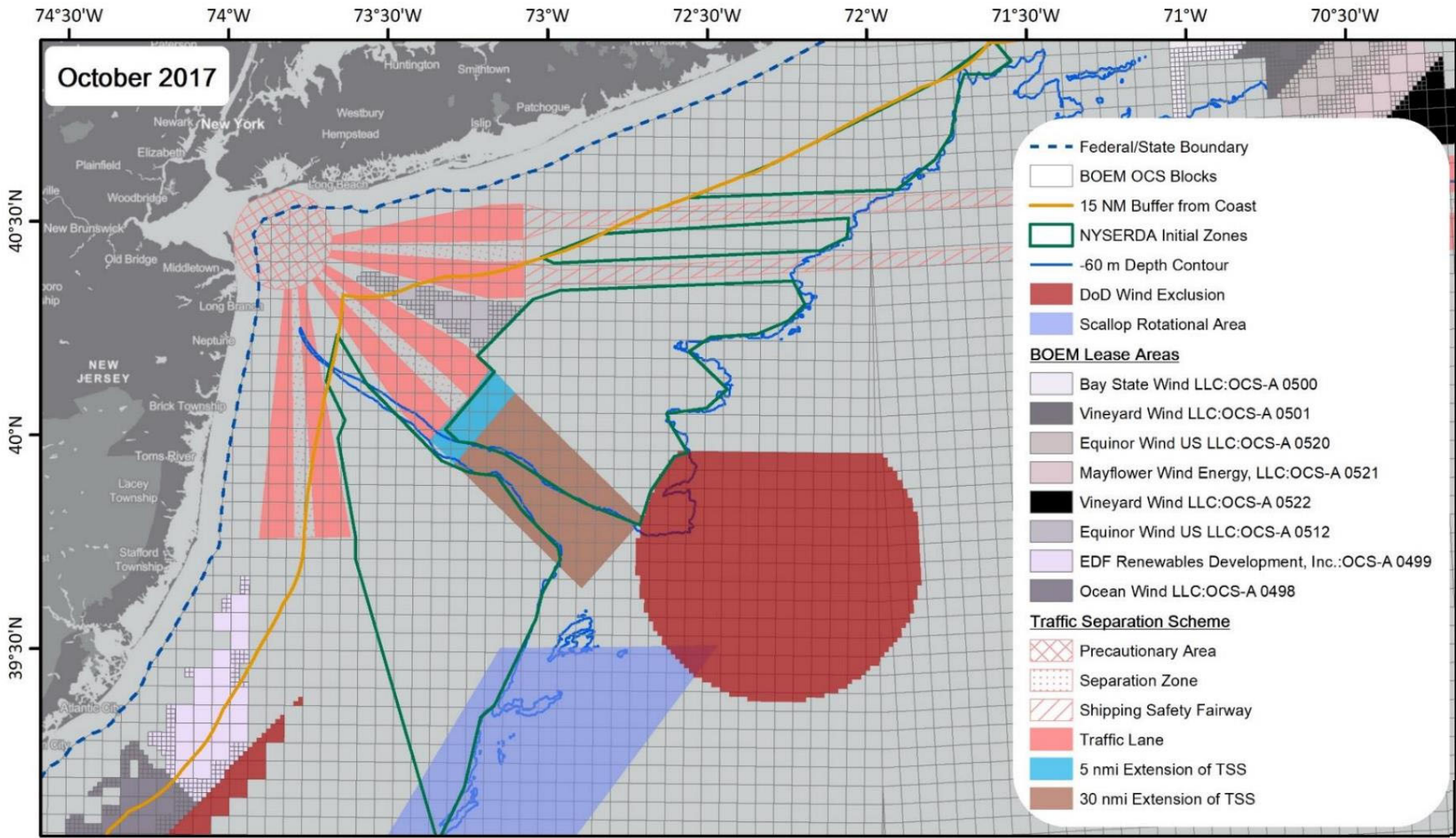


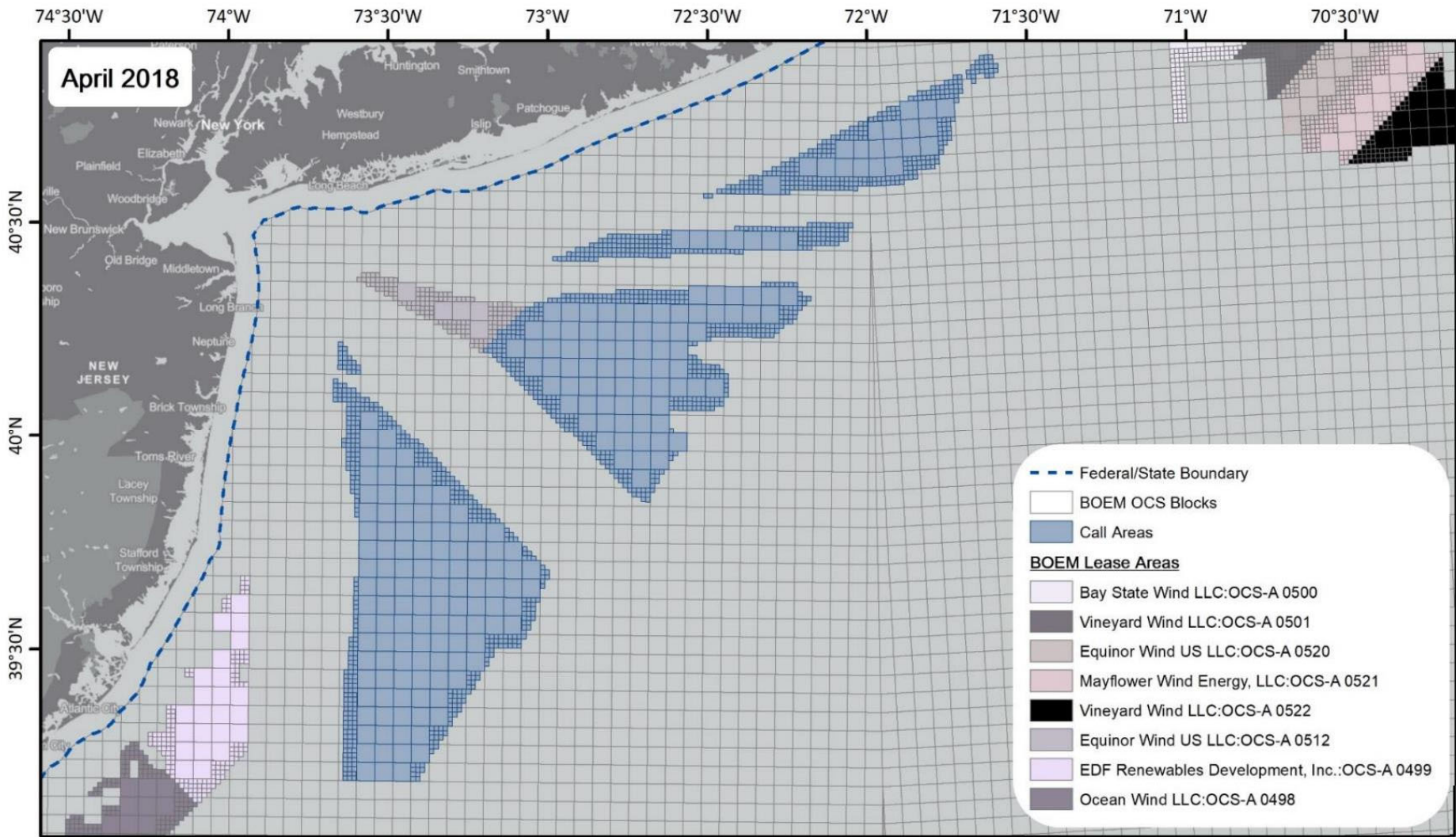
Request for Interest to Lease Sale

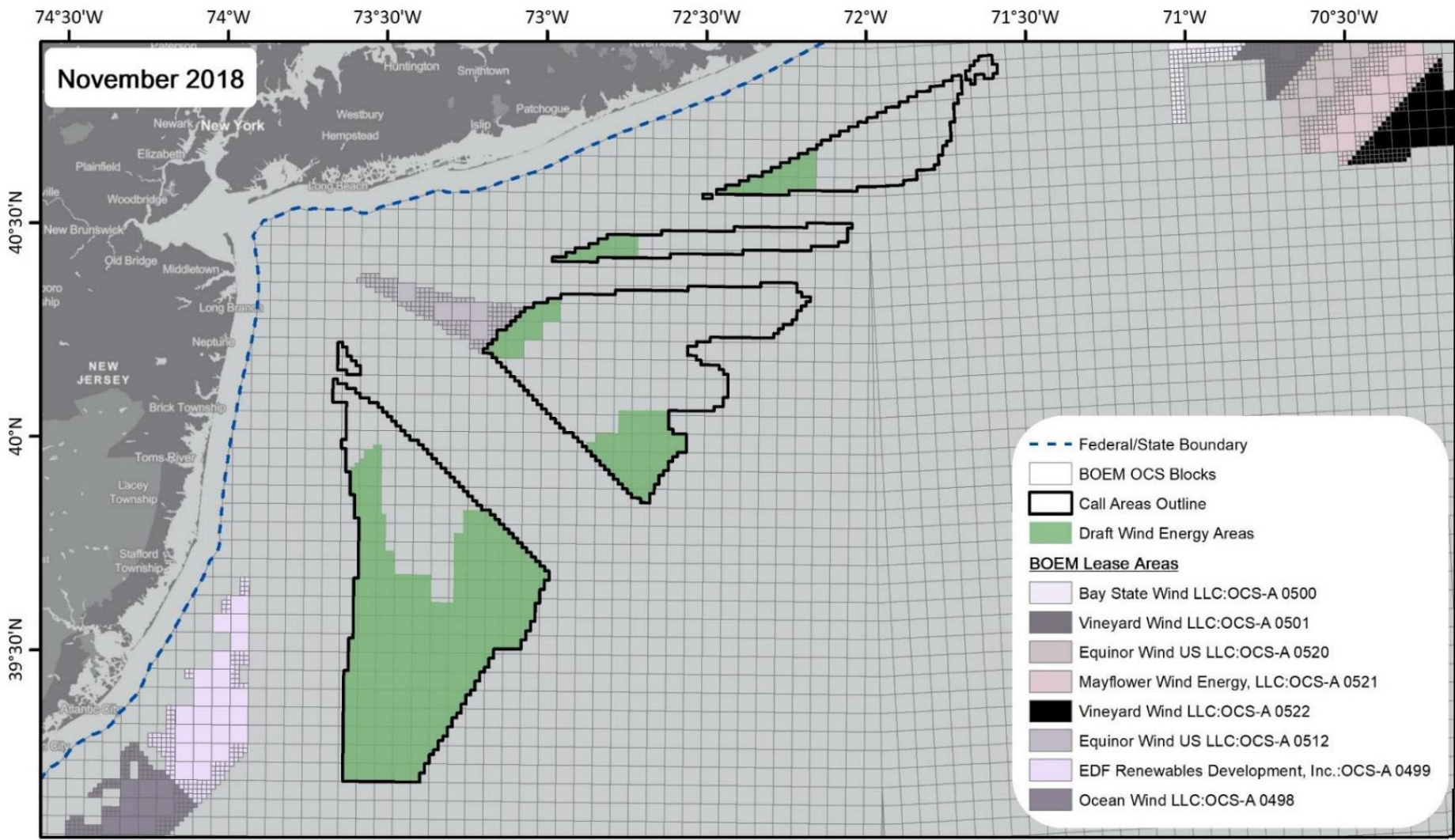


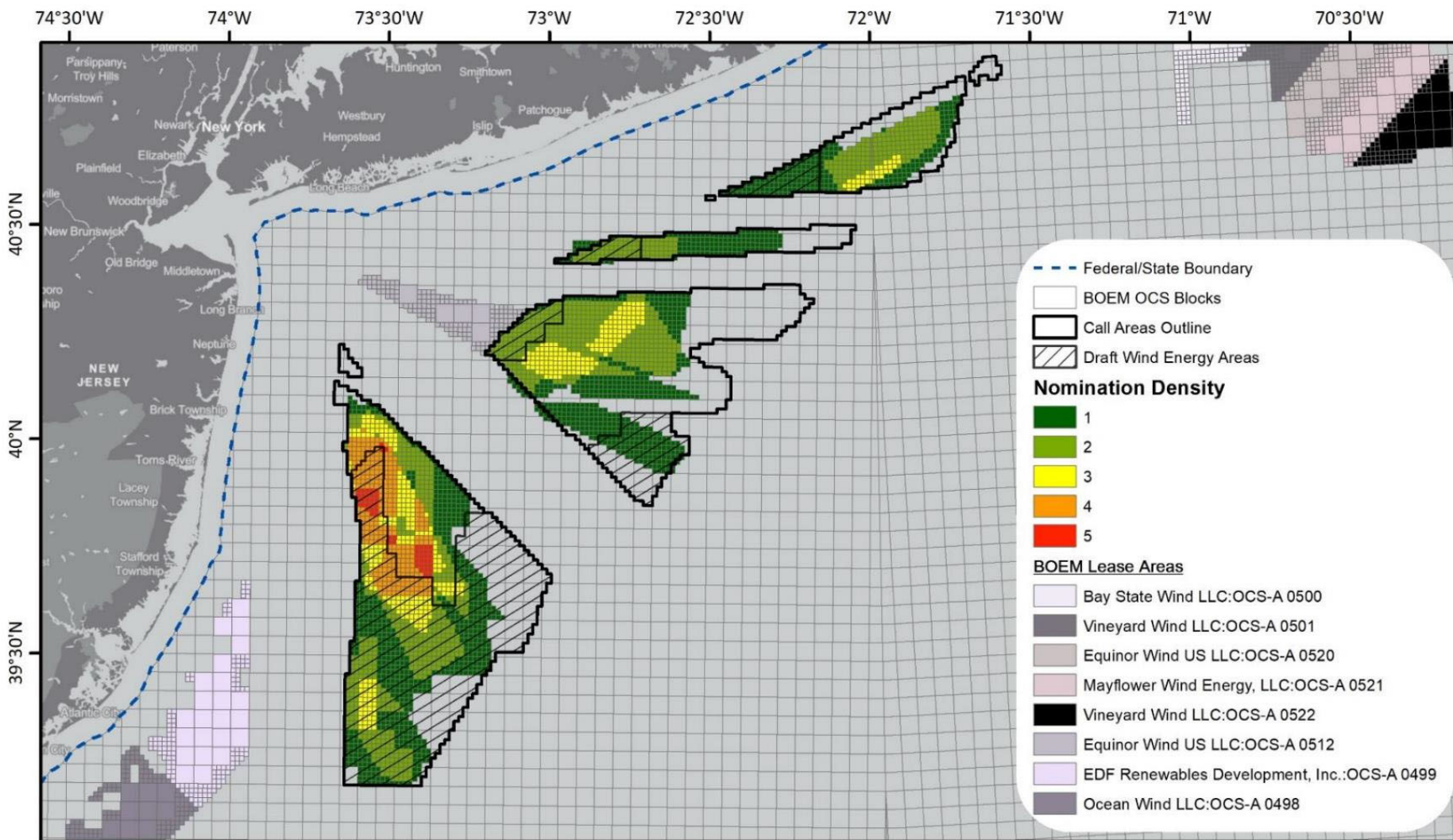


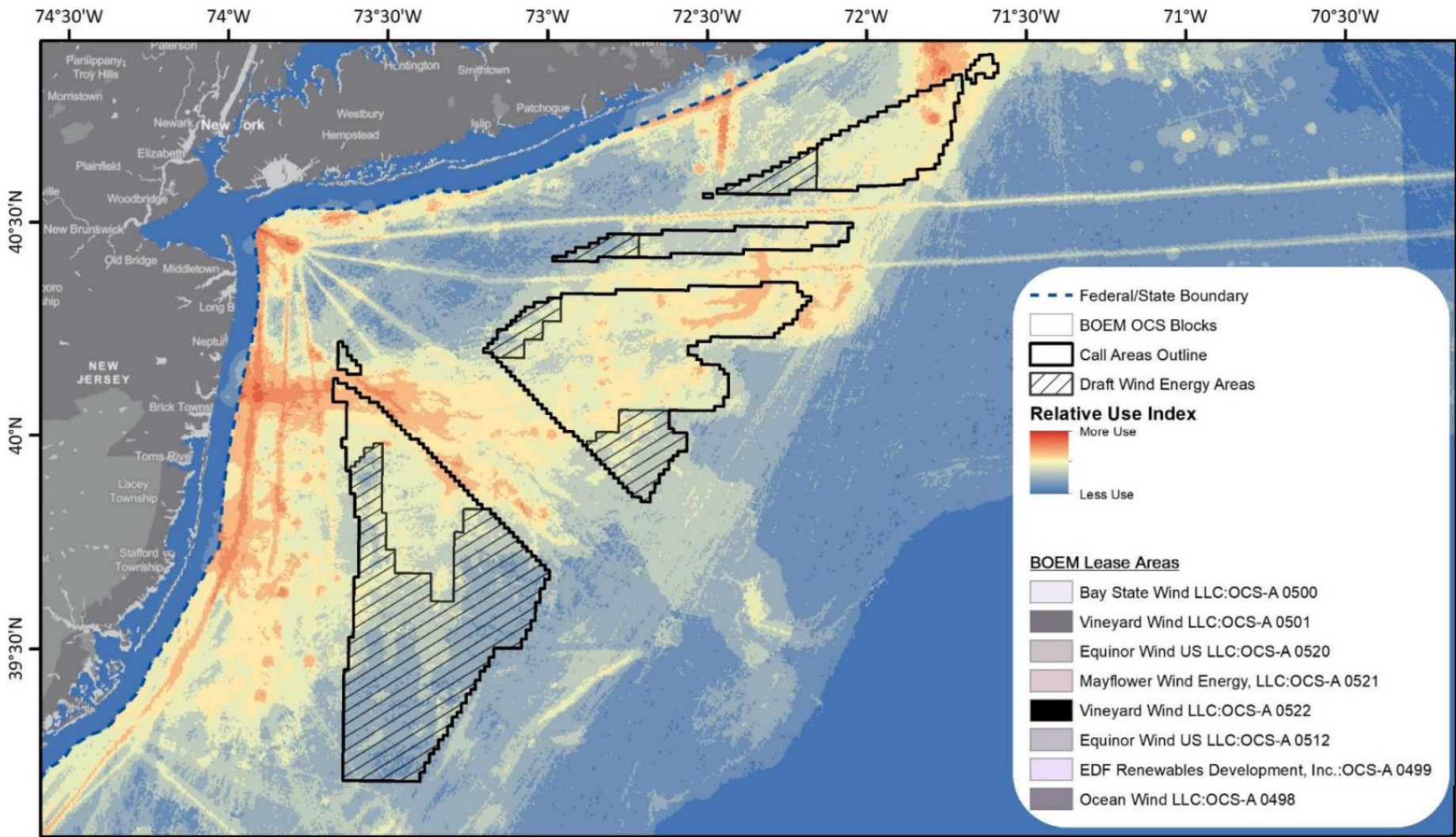


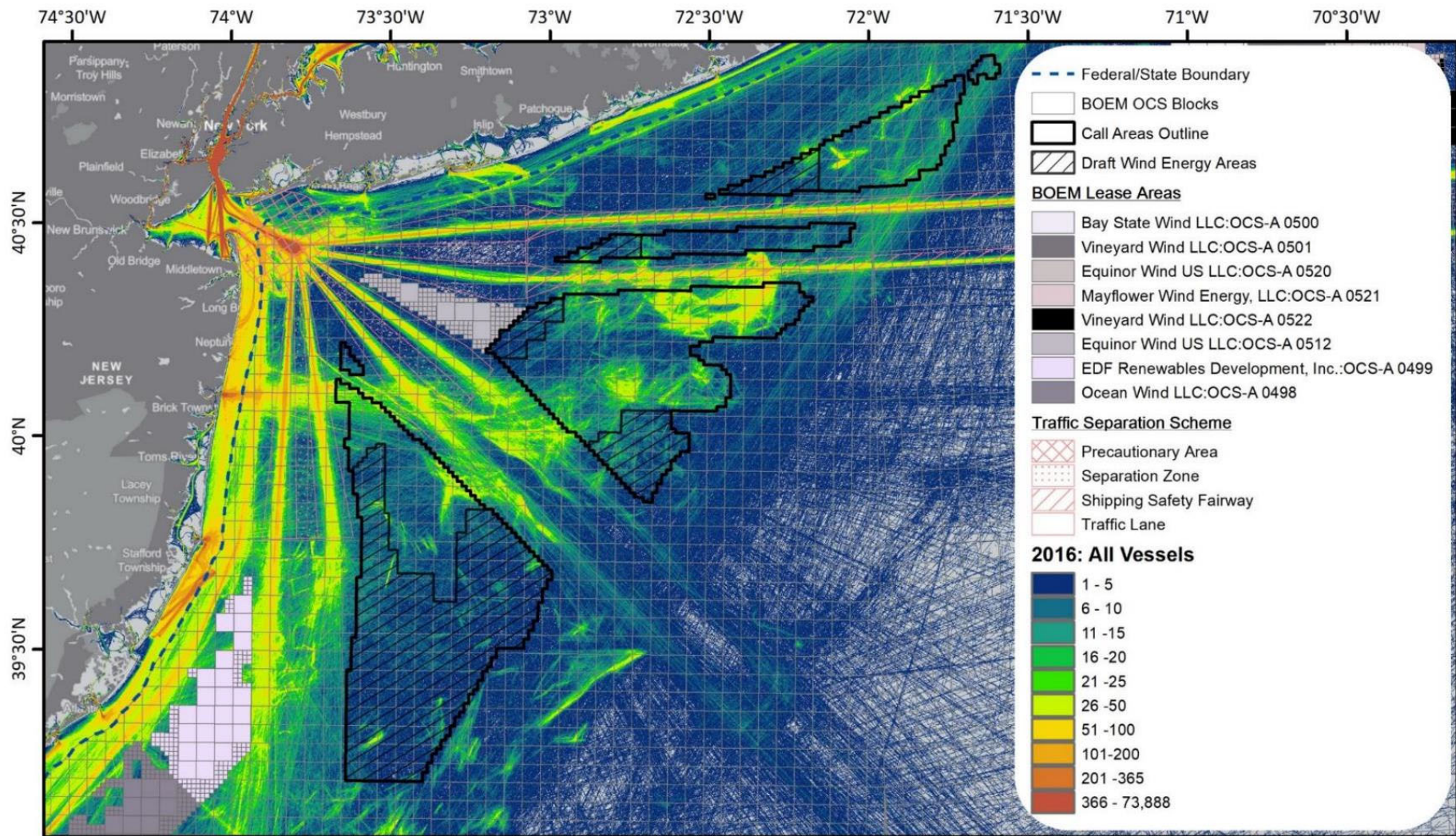


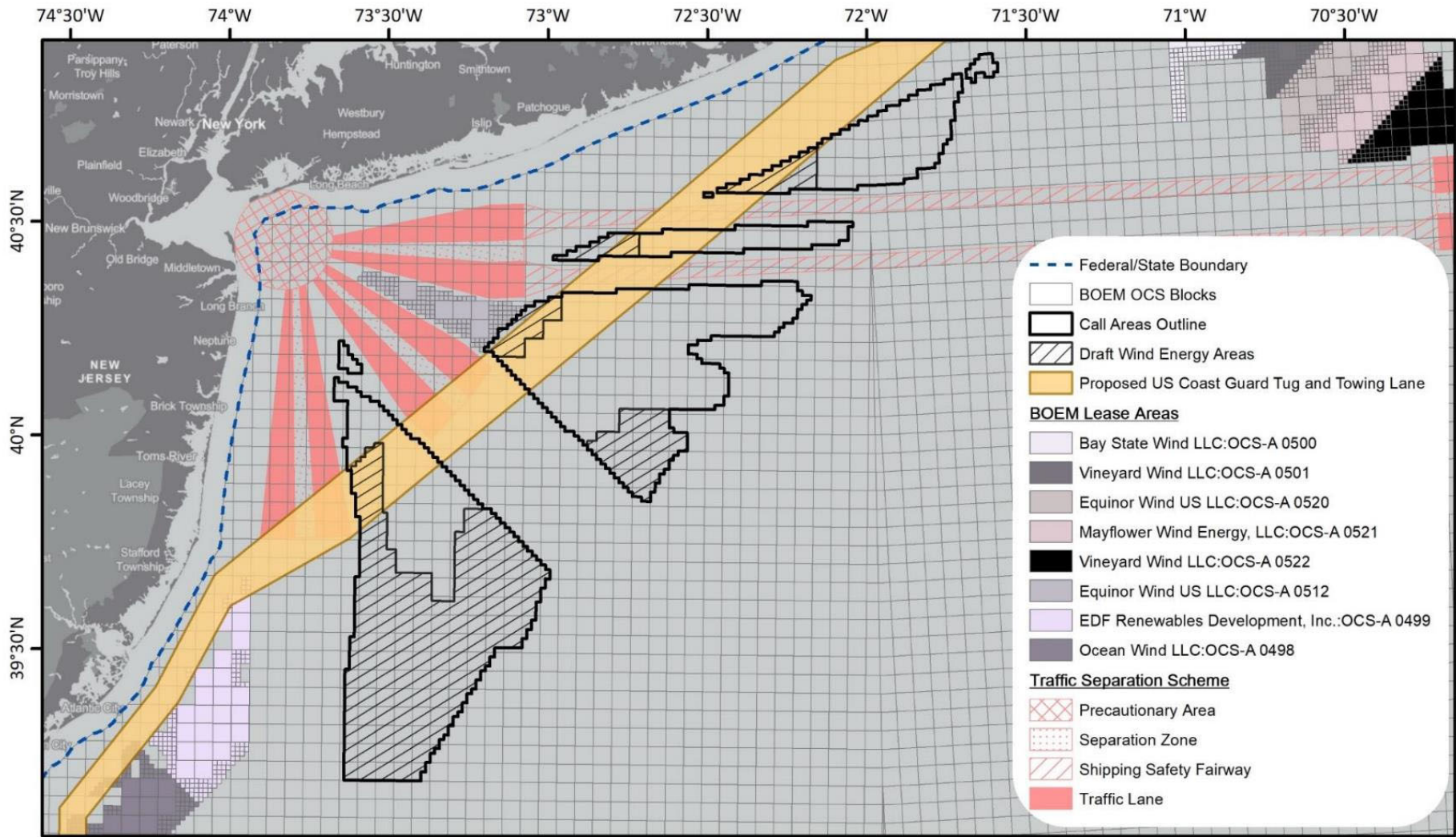


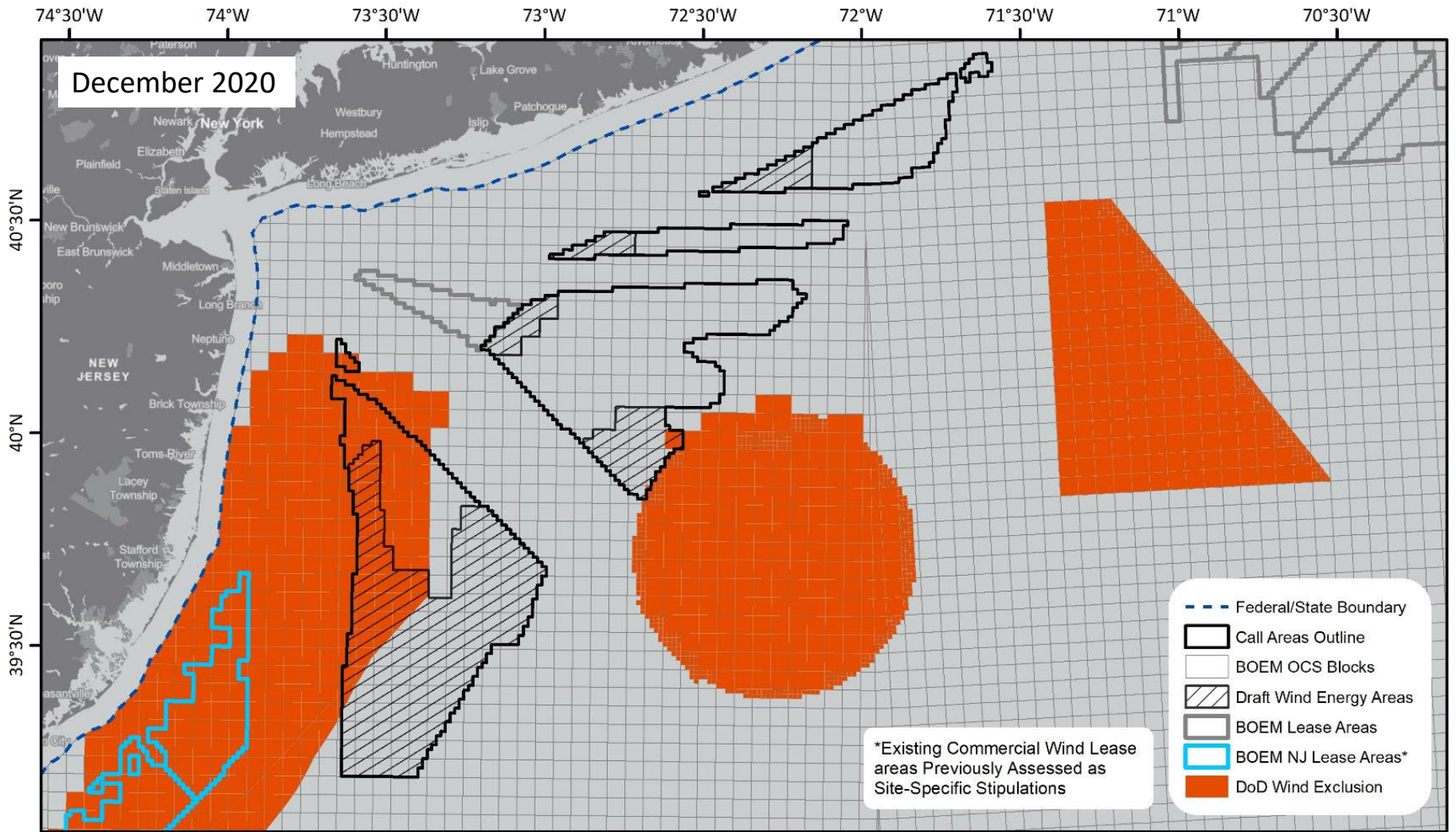


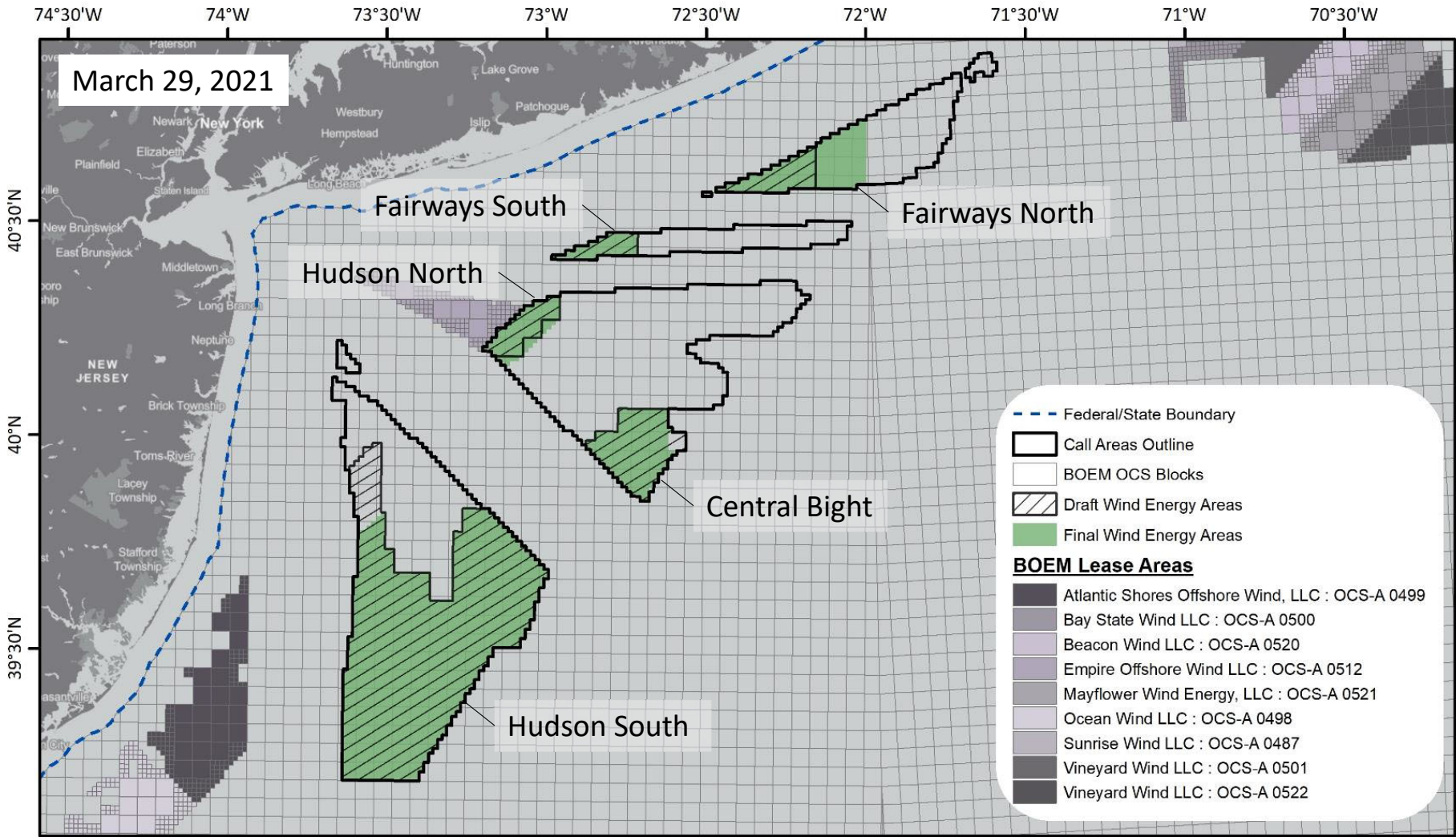




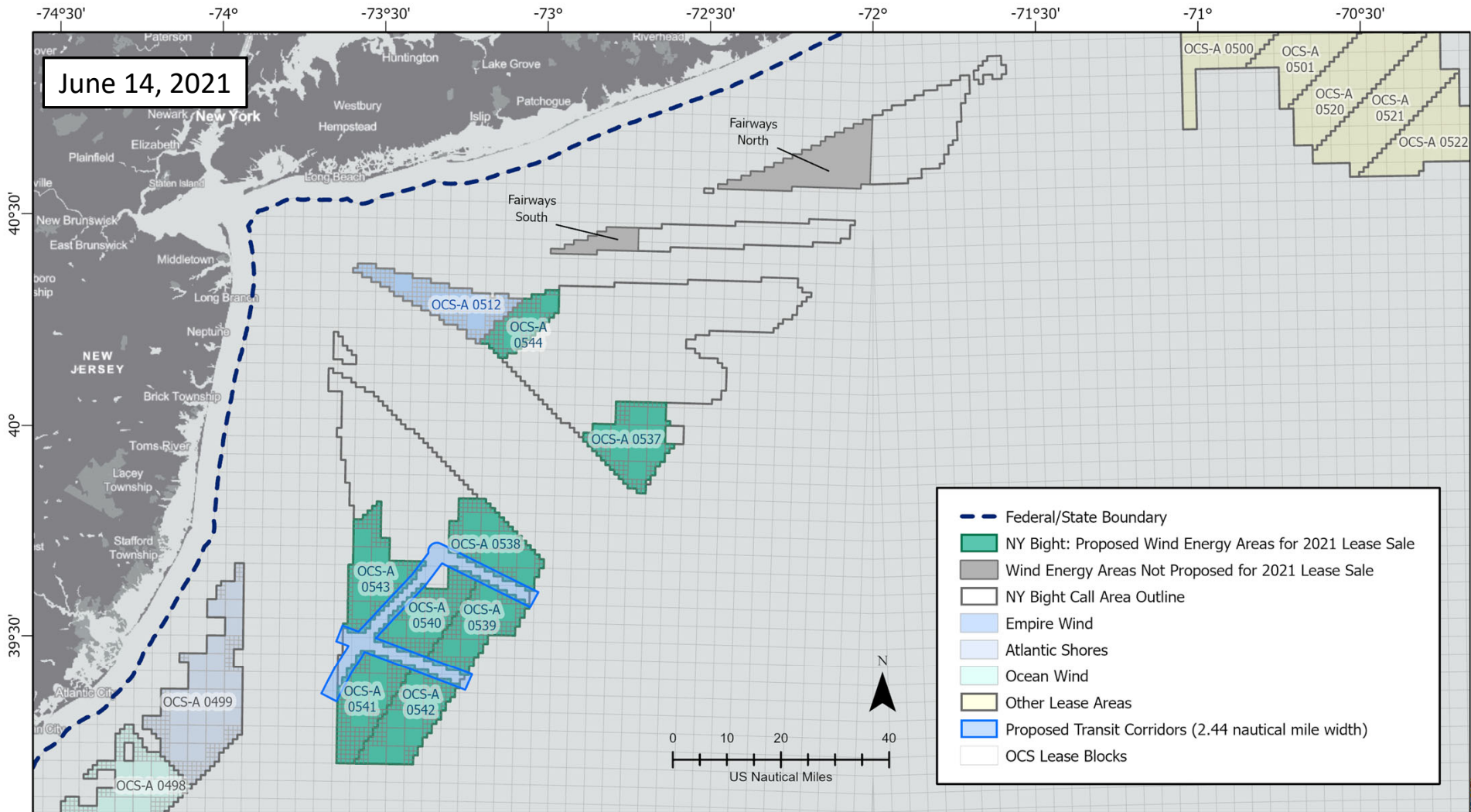


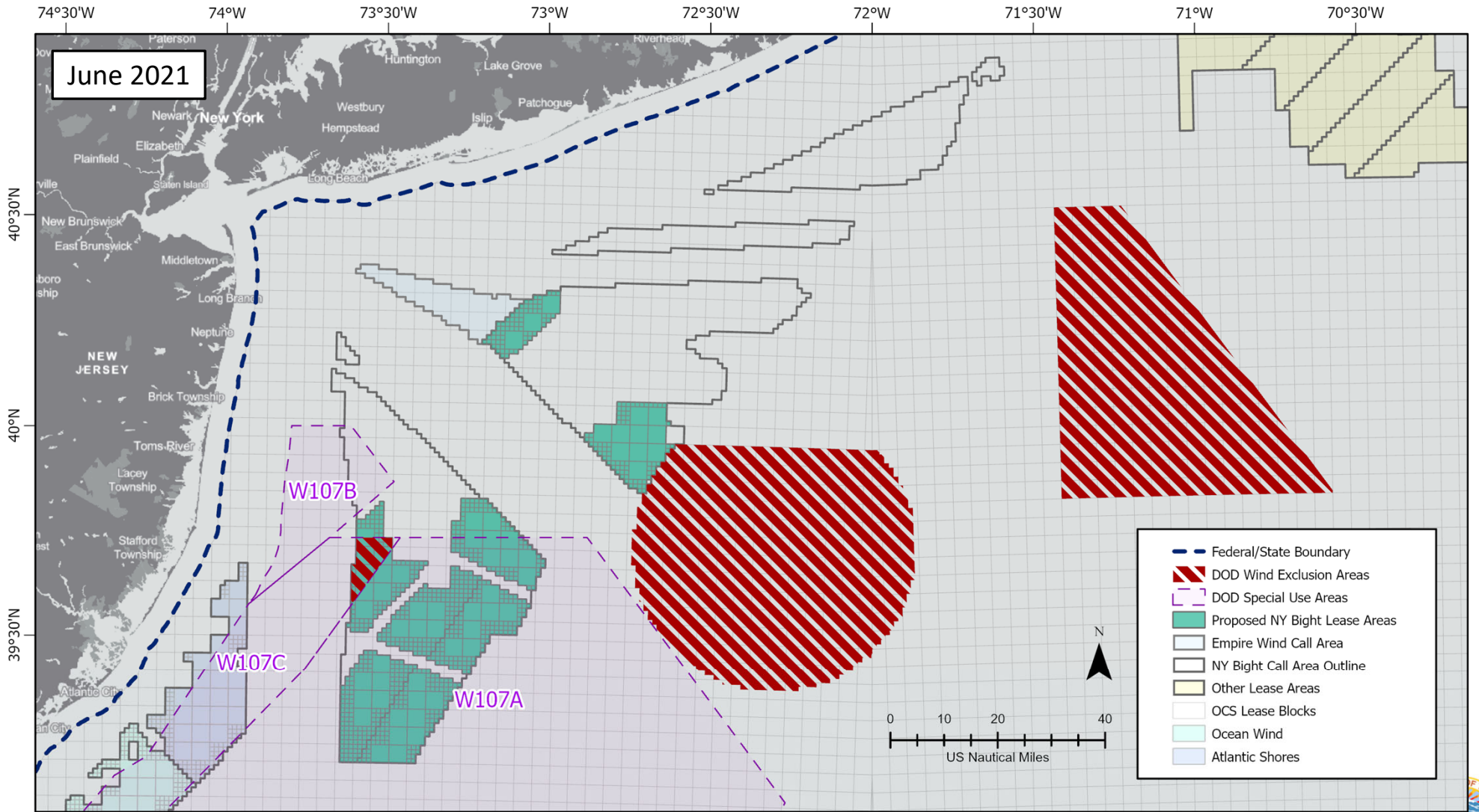


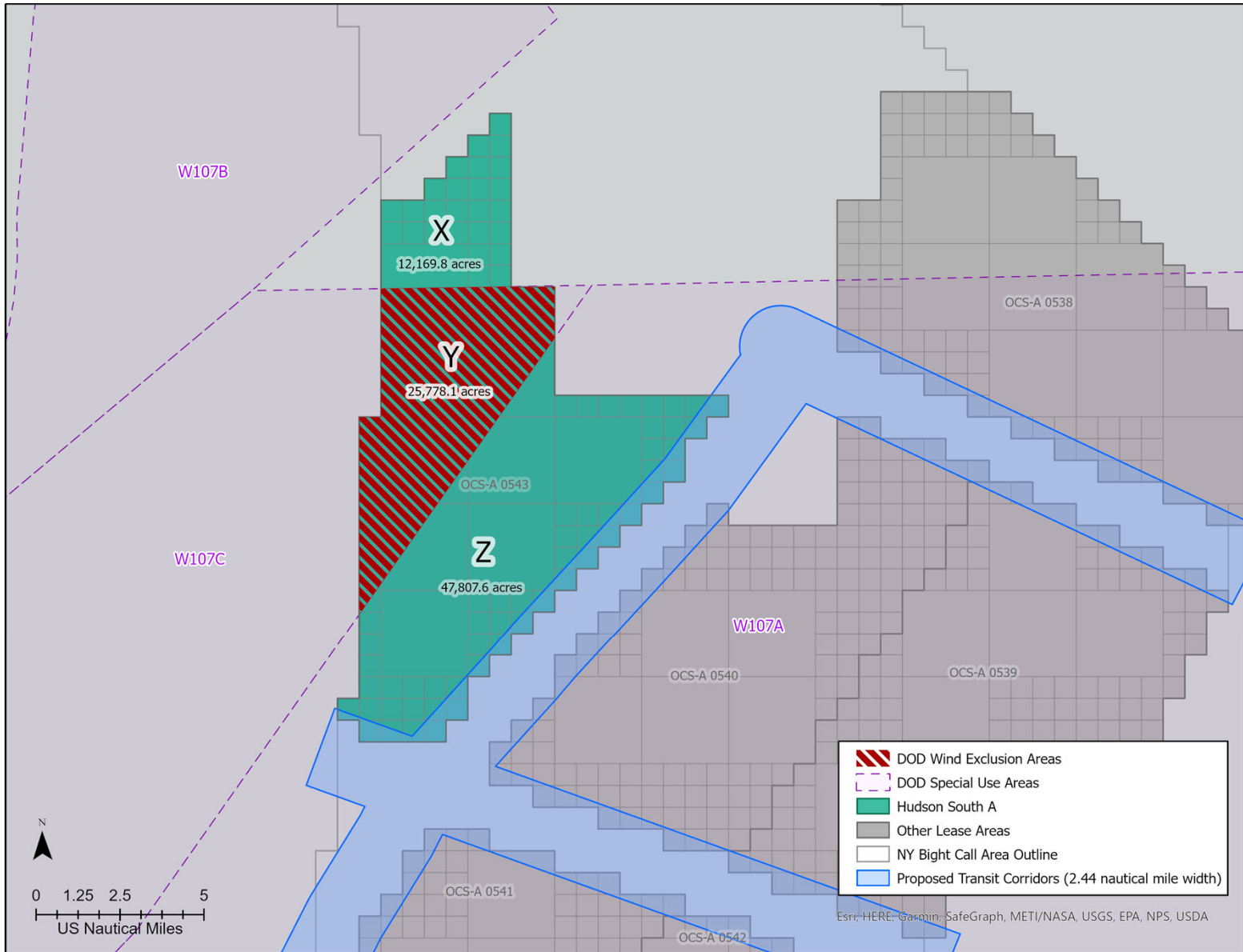




June 14, 2021







So What?!

- **Why are we having this meeting now?**

- Critical point for fisheries related adjustments
- The Proposed Sale Notice lays out several items BOEM will make decisions on in the Final Sale Notice
- The information placed in front of decision makers is a product of the comments received in response to the Proposed Sale Notice
- Leases last a long time (≥ 33 years)

- **What will we do with the info received?**

- Present it to BOEM decision makers
- In the past, BOEM has altered lease terms, auction formats, # and size of leases offered

Topics and Ability to Influence Change

Relative Ability for BOEM to Implement

EASIER

HARDER

- Lease stipulation revisions
- Improve internal processes

- New lease stipulation development
- Alter transit corridors
- Lease area alterations

- Lease Area removal
- Lease areas not described in the PSN

Questions for Consideration

1. Engagement Requirements
2. Number, size, orientation, and location of the proposed lease areas
3. Transit Corridors
4. Prescribed Turbine Layouts
5. Industry Standards for Environmental Protection



1. Engagement Requirements

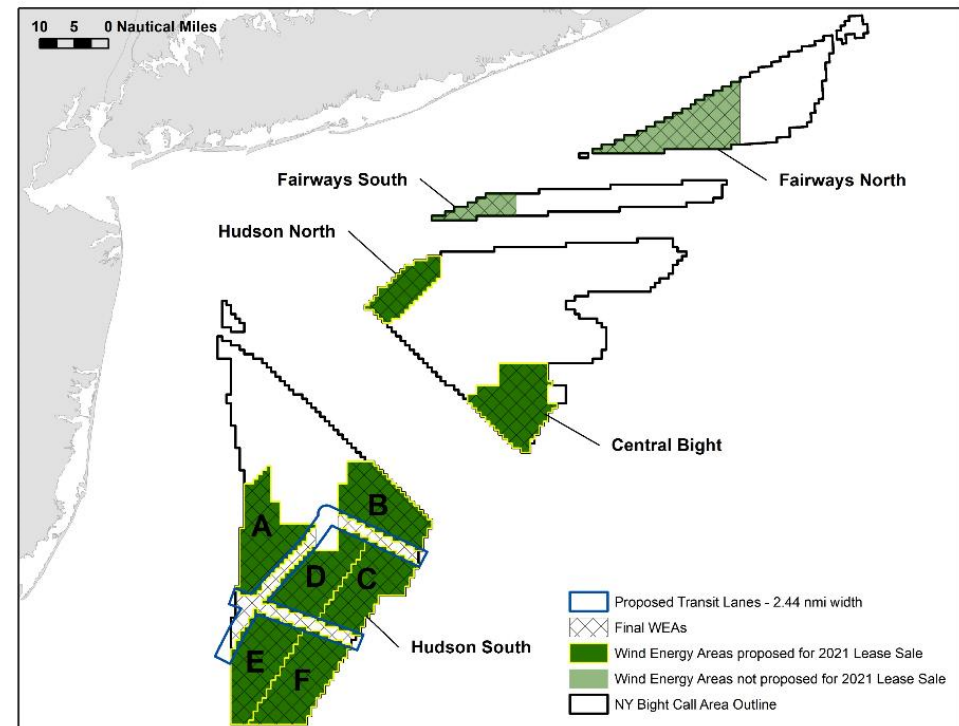
- What specific requirements could be placed in the Lease and/or Sale Notice to ensure meaningful engagement, problem solving, and collaboration with fishermen?
- How can we hold developers as well as regulators accountable for input provided so engagement is substantive and meaningful?
- What can the FSN cover in terms of expected engagement around transmission to shore as well as the lease area itself?

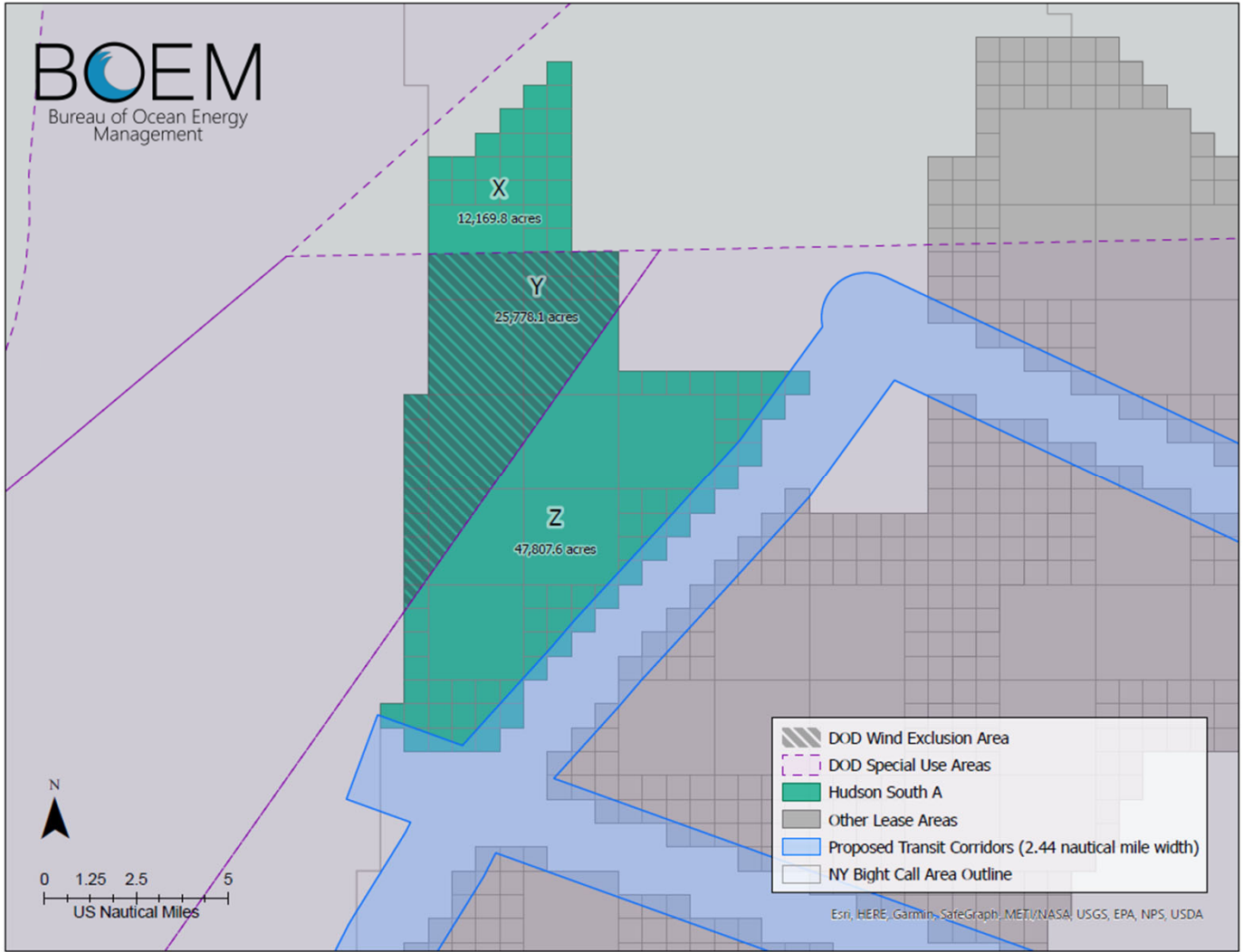
- ***Example Lease Stipulation***

- Require lessee to provide semi-annual progress report
- Summary of engagement efforts and include
 - Existing users
 - Summary of engagement efforts
 - Efforts to avoid, minimize or mitigate
 - Planned next steps

2. Proposed Lease Areas

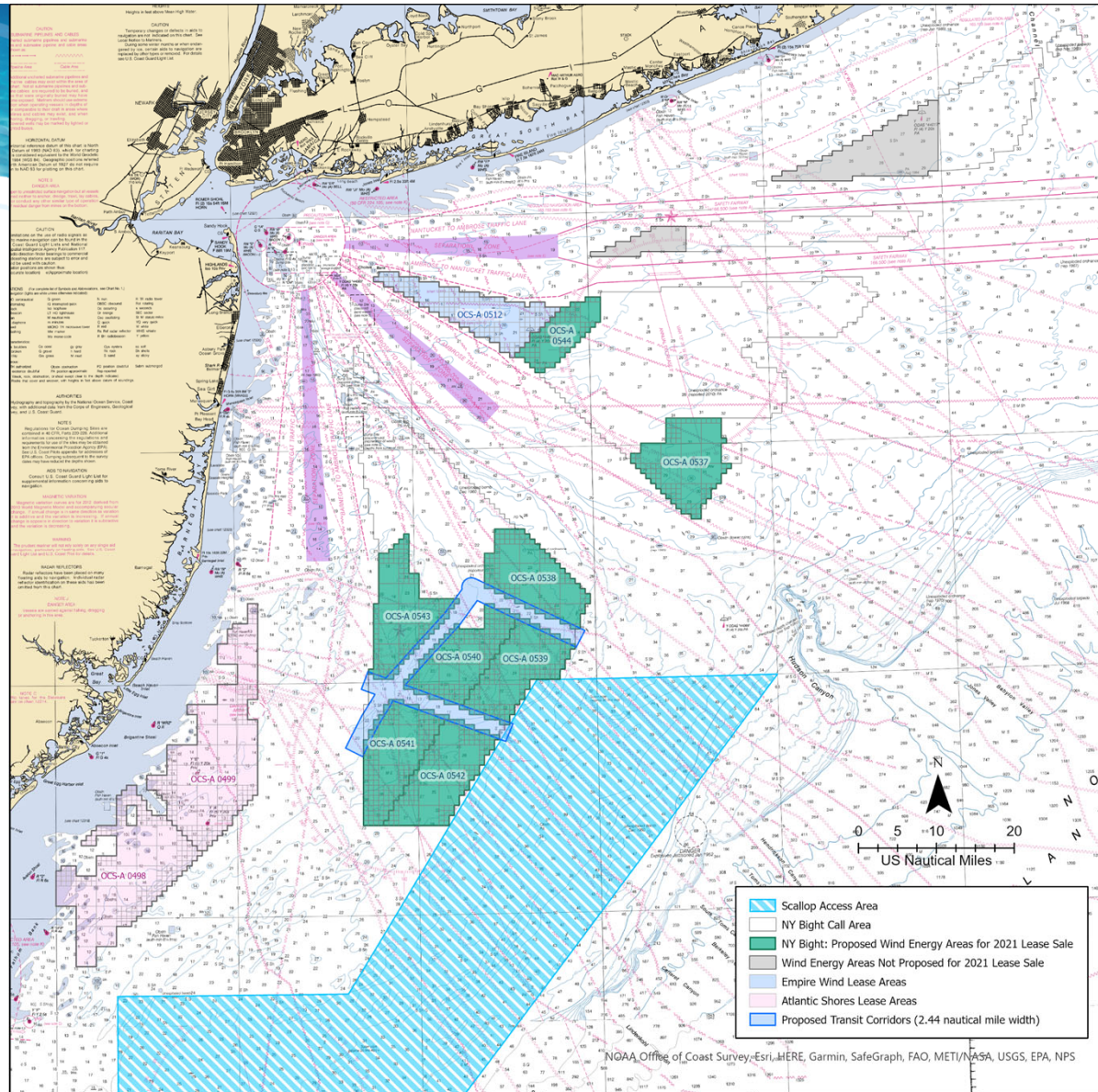
- Considerations of recent DoD request for northern portion of Hudson South removal
- Alternative subdivisions
- Which should be prioritized for inclusion or exclusion
- How are interests like marine transport or viewsheds balanced with fishing needs for lease delineation?





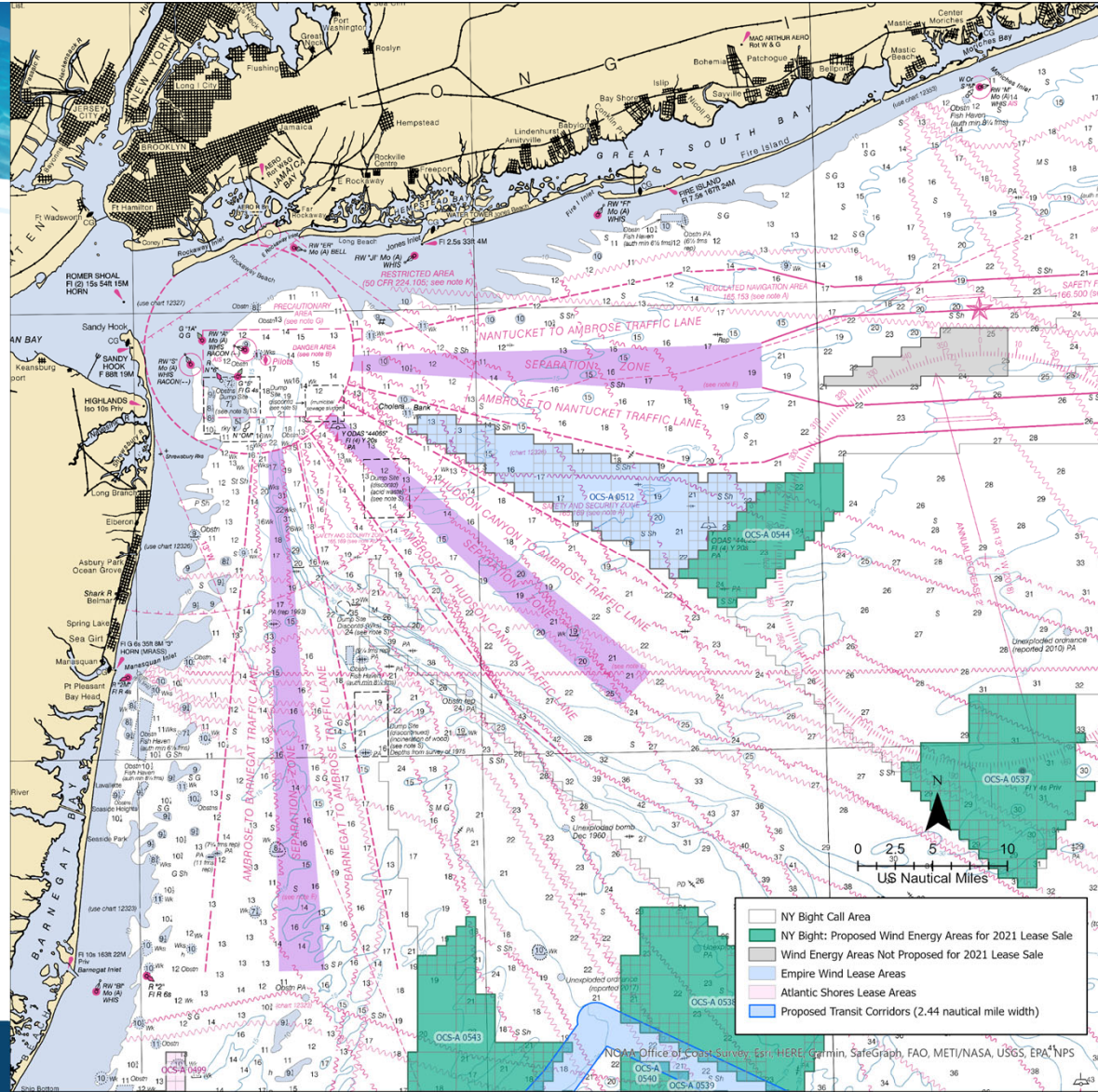
3. Transit Corridors Hudson South

- Oriented in an effective manner for coexistence?
- Considerations for the existing Empire Wind Lease Area and Hudson North?
- Hudson South/Mid-Atlantic Scallop Access Area boundary



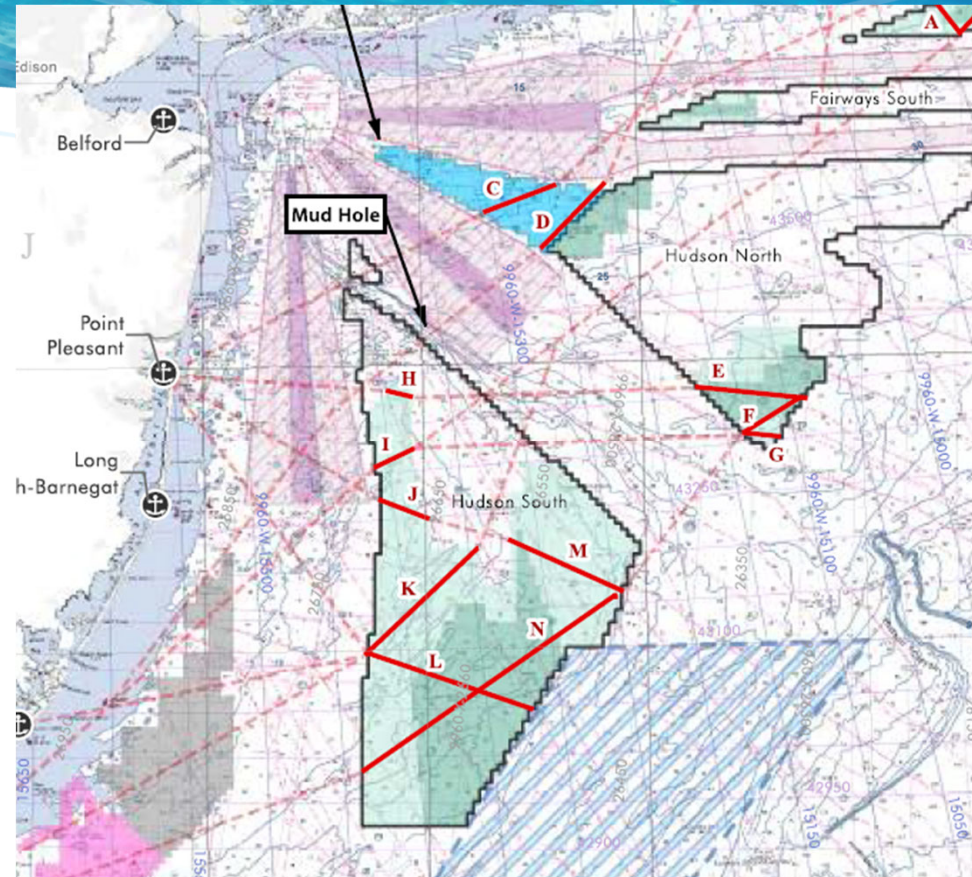
3. Transit Corridors: Hudson North

- “6.2 Surface Structure Setback. ...in its COP project design, the Lessee must incorporate a **750 m** setback from any shared lease boundary within which the Lessee shall not construct any surface structures, unless the Lessee and the adjacent lessee agree to a smaller setback, the Lessee submits such agreement to BOEM, and BOEM approves it...”



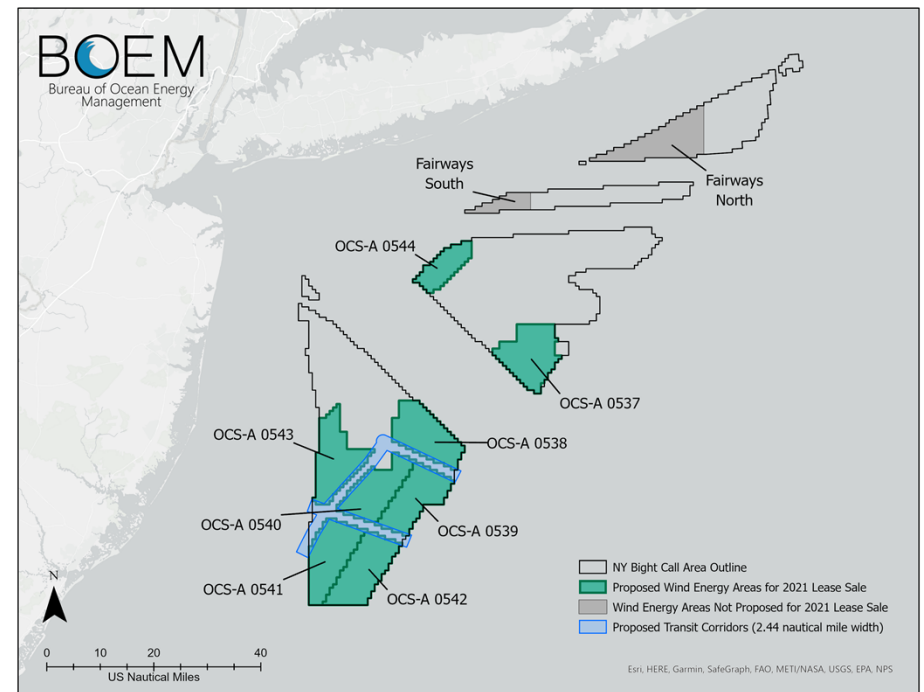
3. Transit Corridors: *Continued...*

- **NYSERDA, NYSDEC, and RODA Workshop and Outreach Summary**
 - June 2020
- **Transit Lanes Width**
 - 2.44 nmi wide (*setback included*)
 - Permanent International Association of Navigation Congress (PIANC)
 - Areas of overlap – no surface occupancy



4. Prescribed Layouts

- Should uniform and aligned turbine layouts be prescribed by BOEM or left to lessees to determine later, especially in the Hudson South area with potential multiple lease areas?
- How do issues like foundation types, scouring and currents & mixing relate to turbine layouts?



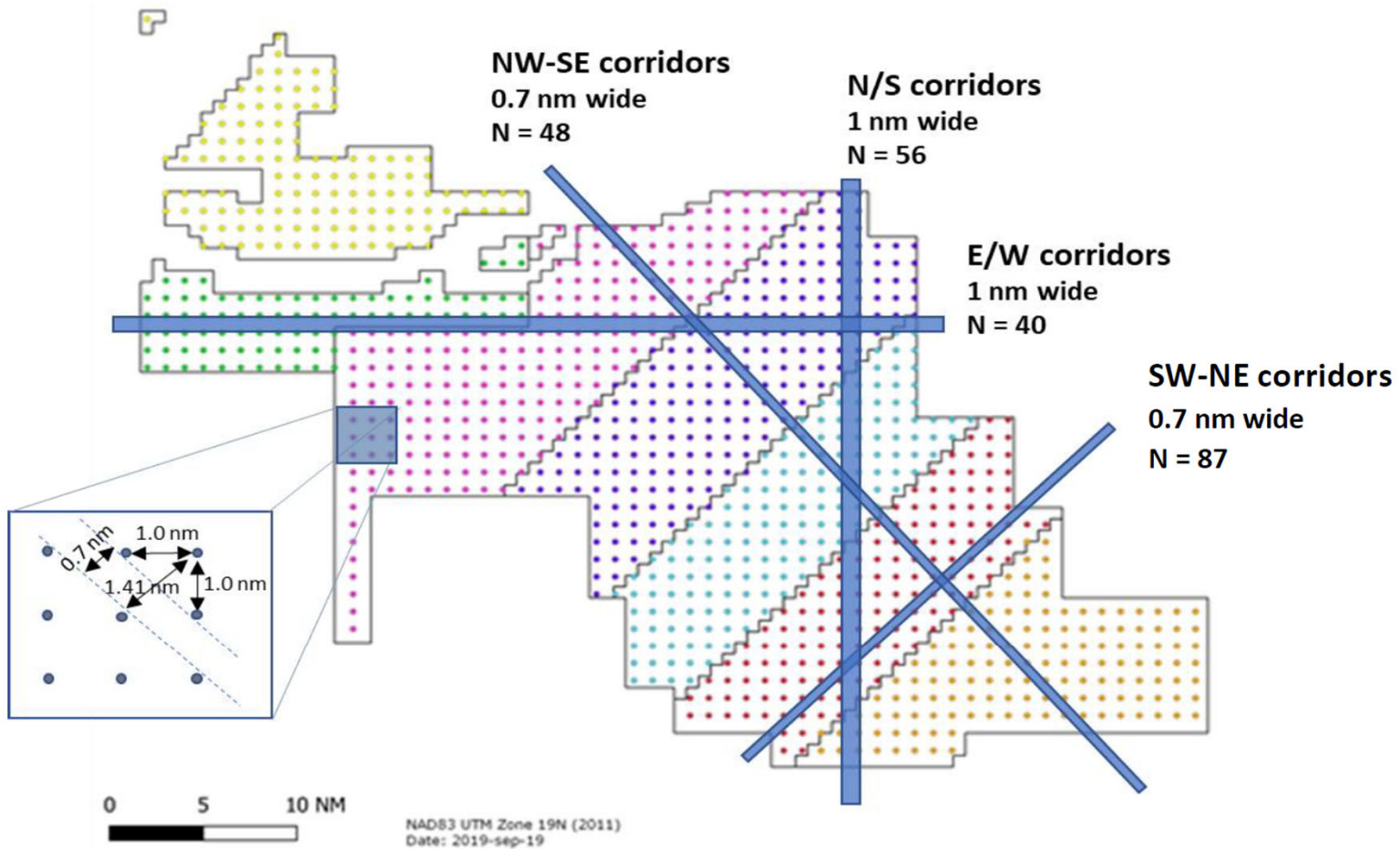


Figure 1: A full 1 X 1 nm E-W, N-S grid creates the equivalent of 231 transit lanes in four different key directions: E-W, NW-SE, N-S and SW-NE.

5. Industry Standards for Environmental Protection

- BOEM recognizes that data and technology are always improving.
- New information and technology may improve opportunities for science, monitoring, and mitigation.
- BOEM assesses new information and technology at key steps in the leasing process:
 - Site characterization plan review (e.g. survey plans)
 - Site Assessment Plan review and approval
 - Construction and Operations Plan review and approval
- Considerations at a lease sale stage could include protocols for site characterization activity.
- Other comments are welcome but may be more appropriate for consideration at the stage where they would be implemented.

New York Bight Milestones

Milestone	Action	Target Date
Environmental Assessment	Publish Draft EA	August 2021
	30-Day Comment Period	August - September 2021
	Publish Final EA and FONSI, if applicable	October 2021
Proposed Sale Notice	Publish PSN	June 14, 2021
	60-Day Comment Period	June 14 - August 13, 2021
Final Sale Notice	Publish FSN	Fall 2021
	Minimum 30-Day Waiting Period	
Lease Sale	Sale Date	Late 2021 or Early 2022

BOEM

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Management

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