



United States Coast Guard Sector New York
Waterways Management Division
212 Coast Guard Drive
Staten Island, NY 10305

March 20, 2023

USCG Sector NY Information for New Windfarm Leaseholders

The following information is provided to assist you in your windfarm lease:

ATON Minimum Safe Distance & Hourly Rates:

Developers should determine if the proposed project will impact any existing Aids to Navigation (AtoN) in the leased area or along the export cable route.

In accordance with 33 CFR 70, no person, excluding the Armed Forces, shall obstruct or interfere with any AtoN established and maintained by the Coast Guard, or any private AtoN established and maintained in accordance with 33 CFR Subchapter C. To reduce navigation safety risk, projects and planned cable routes should preserve a minimum safe distance (MSD) to any AtoN to the maximum extent possible.

The MSD is calculated by starting from the Assigned Position (AP) of the AtoN to avoid interference. Established navigational aids have a defined Position Tolerance wherein the aid is defined to be on station in various wind and sea conditions. The MSD should be no less than the Position Tolerance (PT), plus total Chain Length (CL) (**for buoys only**), plus the Length of Servicing Vessel (LSV). **An additional distance of up to 15 yards should be considered for aids whose assigned positions are often relocated due to shoaling in the area.**

The MSD is determined by the following calculation:

$$\text{Minimum Safe Distance (MSD)} \geq PT + CL + LSV (+ \text{Shoaling Consideration})$$

In the event routing the export cable outside the MSD is not achievable, developers should bury the export cable to at least 2.5 meters below stable seabed within the MSD area. Additional agreements between the Coast Guard and developers may need to be considered.

The Coast Guard would also need to review each buoy to see which Coast Guard Command would have to temporarily remove and re-establish each buoy. The following hourly rates apply (2022):

225' Sea Going Buoy Tender = \$11,852.00

175' Coastal Buoy Tender = \$7,935.00

49' Stern Loading Buoy Boat = \$4,106.00

[Cable Routes and Burial Depths:](#)

Your cable route and burial depth will be permitted through BOEM and the USACE. We encourage you to contact the [New York State Energy Research and Development Authority](#) if you are planning your cable Point of Interconnection within the State of New York. We recommend you email NYSERDA to sign up for their Offshore Wind Email updates [here](#). The Maritime Technical Working Group (M-TWG) is a New York State outreach and collaboration effort with maritime stakeholders and offshore wind energy developers. Please contact them through their [website](#). We recommend you check with NYSERDA to participate in their Offshore Wind Cable Corridor Constraints Assessment. POC: Kate McClellan, OSWCablesAssessment@nyserda.ny.gov.

New Jersey Offshore Windfarm information is available on New Jersey Department of Environmental Protection's (NJDEP) [website](#).

[Coast Guard Local Notice to Mariners \(LNM\):](#)

Please email the following information to the [First Coast Guard District](#) (Between Sector NY and Sector Northern New England (SECNNE)).

Please email the following information to the [Fifth Coast Guard District](#) (Between Sector Delaware Bay and south).

Other District boundaries for LNM requests are [here](#). Sector boundaries are [below](#).

Email the following information a minimum of 14 days before starting operations for publication in the Local Notice to Mariners:

- Date of submission
- Name, phone number, and email address of project point of contact
- Company Name
- Type of Work
- Waterway and location where work will be done
- Latitude & Longitude of work area (Degrees, Minutes, Thousandths of seconds)
- Work Start & Stop dates and Hours of Operation
- Equipment on scene
- Passing Arrangements / Time to move vessels to not impede navigation
- VHF Radio Channel monitored
- NOAA Chart Number for the area

[Surveys or Construction Within the DOD/USN Training Area:](#)

Please contact BOEM for a current list of reporting requirements to the United States Navy for your Lease and/or Construction and Operations Plan.

Stakeholder Outreach:

Please contact Mr. [Ian Corcoran](#), Hudson River Pilots, to review your project proposal and schedule a presentation with the Hudson River Safety, Navigation and Operations Committee if it includes vessel transits on the Hudson River north of the Governor Mario Cuomo/Tappan Zee Bridge.

Please contact Mr. [John DeCruz](#), Sandy Hook Pilots, and Ms. [Tiffany Torrey](#), Maritime Association of the Port of NY+NJ, to review your project proposal and schedule a presentation with the Port of NY/NJ Harbor Safety, Navigation and Operations Committee if it includes vessel transits and export cable routes in the Port of NY/NJ, western Long Island Sound, and offshore in the Approaches to New York and New York Bight.

Commercial Fishing in New York Harbor:

NOAA's NE Ocean Data Portal [here](#) includes commercial fishing data that extends into the New York Upper Bay. NOAA Essential Fish Habitat Mapper [website](#).

Check with NYSERDA to see if they already have any available information in conjunction with their Offshore Wind Cable Corridor Constraints Assessment. POC: Kate McClellan, OSWCablesAssessment@nyserda.ny.gov. The NYSERDA Offshore Wind Master Plan 1.0 study includes a Cable Landfall Permitting and Cables, Pipelines, and Other Infrastructure, Fish and Fisheries Studies [here](#). Albany Office Numbers: 518-862-1090, 866-NYSERDA (Toll free).

The following fisheries contacts are from the SECNY Area Contingency Plan that may also have information:

US F&WS: Anne-secord@fws.gov, 607-753-9334
NMFS: 978-282-8480 or 978-281-9300 (Greater Atlantic Regional Office)
Mid-Atlantic Regional Fisheries Council (Dover, DE): 302-674-2331
NYS DEC: 518-402-8924.
NJ DEP: 908-637-4125.

The Port of NY/NJ Ports and Waterways Safety Assessment (PAWSA) 2016 report is at the USCG NAVCEN website [here](#).

The decommissioned Verdant Power Roosevelt Island Tidal Energy Project has their FERC License Application files [online](#) including fisheries information. Not sure if they looked at commercial fishing or just underwater turbine fish strike probabilities. Have you also checked the other OSW projects that plan ECR into NY? (Empire 1&2, South Fork, Sunrise, Beacon, Ocean Wind 1&2, Atlantic Shores).

Reduced Visibility from the Navigation Bridge Due to Overloading of Wind Turbine Parts:

USCG Sector Offices have noticed a recent upward trend in the number of break-bulk and retrofitted bulk carriers carrying wind turbine parts stowed in ways to limit visibility from the navigation bridge. Specifically, the worst scenarios cases have stacked turbine blades four levels high, which increases the forward blind spot to 2.5 miles or more. This is in violation of both domestic regulation and international convention, specifically:

33 CFR 164.15 Navigation bridge visibility:

“The view of the sea surface must not be obscured by more than the lesser of two ship lengths or 500 meters (1640 feet) from dead ahead to 10 degrees on either side of the vessel. Within this arc of visibility any blind sector caused by cargo, cargo gear, or other permanent obstruction must not exceed 5 degrees.”

and the International Requirements of SOLAS V/22, which states:

“The view of the sea surface from the conning position shall not be obscured by more than two ship lengths, or 500m, whichever is less, forward of the bow to 10 degrees on either side under all conditions of draught, trim and deck cargo.”

“No blind sector, caused by cargo, cargo gear or other obstructions outside of the wheelhouse forward of the beam which obstructs the view of the sea surface as seen from the conning position, shall exceed 10°. The total arc of blind sectors shall not exceed 20°. The clear sectors between blind sectors shall be at least 5°. However, in the view described in .1, each individual blind sector shall not exceed 5°.”

Please contact the Sector New York Port State Control Duty Officer (718-354-4353) should you have any questions or concerns regarding this matter.

NOAA Right Whale Info:

The Local Notice to Mariners also includes current NOAA Right Whale Seasonal Management Area Information and Recommended slow down zones. NOAA Right Whale [website](#). NOAA Contact:

Greater Atlantic Regional Fisheries Office

55 Great Republic Drive

NOAA Fisheries Service

Gloucester, MA 01930

Office: (978) 281-9300

Email: nmfs.gar.garfo@noaa.gov

Unexploded Ordnance (UXO):

The US Army's UXO Safety Education [website](#) and 3Rs Explosives Safety Guide for the Maritime Industry [here](#).

USCG District 1 and District 5 LNM [here](#). USCG District 5 LNM with UXO Survey information attached.

NOAA Marine Cadastre UXO Data: <https://marinecadastre.gov/data/> - Search for "UXO".

NOAA [Incidental Take Authorization](#) during UXO Surveys off Virginia.

[BOEM 2022-012](#) Supporting NEPA Documentation for Offshore Wind Energy Development Related to Munitions and Explosives of Concern and UXO.

Two **USCG Marine Safety Alerts** attached. Report any UXO discovery immediately to the **National Response Center at 1-800-424-8802** for proper response. (Alternatively, the CG may be notified via channel 16.)

Sector Boundaries and Contact Information:

- Coordinates for each Sector boundary are codified in [33 CFR Part 3](#).
- Click [here](#) for the Coast Guard Sectors Map. Select the “Port Directory” dropdown menu for additional Sector Boundaries and Phone Numbers.

