



with three associated anchor handling tugs. Anchoring will occur every 1,640 ft, also known as the anchor position spacing. Each main vessel will have up to eight anchors spaced 984 to 1,640 ft from the vessel.

Support vessels will be required including crew boats, service vessels for pre-rigging platforms with cable, and vessels for divers, pre-lay grapnel run, leveling, and survey. In addition, helicopters may be used for crew changes and miscellaneous purposes.

Protection measures will also be installed as described above for array cables as per Section 6.1.2.6.3. A cable protection system will be implemented during cable installation. The ends of the cable will be pulled into the TJB and the offshore substation cable deck.

Table 6.1.2-5 provides the vessel information for offshore export cable installation.

Table 6.1.2-5 - Vessels required for offshore export cable installation.

Parameter	Maximum Design Parameters	Maximum Number of Return Trips per vessel type
Main Cable Laying Vessels	3	48
Main Cable Jointing Vessels	3	36
Main Cable Burial Vessels	3	48
Support Vessels	15	72
Helicopter support - construction	2	351
Duration per cable section (days)	-	59
Typical Duration (months)	-	6

6.1.3 Operation and Maintenance

This section provides a description of the reasonably foreseeable planned and unplanned maintenance activities for the Project. The Project is anticipated to have an operational life of 35 years. Per the Lease, the operations term of the Project is 25 years and will commence on the date of COP approval. It is anticipated that Ocean Wind will request to extend the operations term in accordance with applicable regulations in 30 CFR § 585.235.

Maintenance activities will include both preventive and corrective maintenance. Preventive maintenance will be undertaken in accordance with scheduled services whereas corrective maintenance covers unexpected or emergency repairs, component replacements, retrofit programs, and breakdowns.

Ocean Wind will conduct surveys of foundations, bathymetry, scour (and associated scour protection if deployed), and cable burial. The total inspections anticipated over the life of the Project are presented in Table 6.1.2-6.

An onshore O&M facility in or near Atlantic City will be used and this facility may serve multiple projects, therefore is not a specific part of the Project. The O&M facility is discussed in Section 6.2.3.1. Multiple types of vessels will be required for O&M activities, as discussed in Section 6.1.3.5.

The maximum Operation and Maintenance activities projected over the life of the Project are summarized in Tables 6.1.2-7 through 6.1.2-10. Actual activities may be less. Vessel trips associated with Operation and Maintenance activities are provided in Table 6.1.2-11.