



# SURVEYS & BUOYS UPDATE

June 24, 2019



Indicative Offshore Wind Farm: Dudgeon, UK

## 2019 Offshore Surveys Continue

### Planned Surveys for the Equinor Wind NY Bight Offshore Wind Lease and Potential Cable Routes

Equinor Wind US is the lease holder of the New York offshore wind energy area OCS-A 0512 known as the ‘Empire Wind’ and ‘Boardwalk Wind’ projects. As part of the site development process, Equinor has been conducting surveys here periodically since spring 2018.

Surveys are planned to continue through July 2019. RV Dina Polaris will continue geotechnical surveys in the lease area. RV Conti will conduct geotechnical sampling at points along possible cable routes to New York Harbor, New York Jones Beach and New Jersey Asbury Park. Geotech sampling will not require towed equipment. MV Henry Hudson continues geophysical surveys on the cable routes in shallow nearshore waters. MV Henry Hudson has towed equipment.

A benthic sampling survey will take place from RV NorthStar Commander this July along the cable routes.

- Dina Polaris: LOA 324ft (99m). MMSI 257006530, Call Sign LAXB7.
- MV Conti: LOA 210ft. MMSI 367009020, Call Sign WDD3645
- MV Henry Hudson: LOA 45ft. MMSI 367541190, Call Sign WDG4894
- RV NorthStar Commander: LOA 85ft. MMSI 367546220, Call Sign WDG5396

### Equinor Wind US

Equinor Wind continues planning the Empire Wind / Boardwalk Wind project(s) in BOEM lease area OCSA-0512. The area extends from 14 miles south of Long Island, spanning 79,350 acres, in water depths between 65 and 131 feet (10-22 fathoms).

### LNTM: installed moorings

Two buoys and a subsurface mooring are located in the center of the lease area. A third buoy will be installed in the west of the lease this July 2019. Updated buoy locations are:

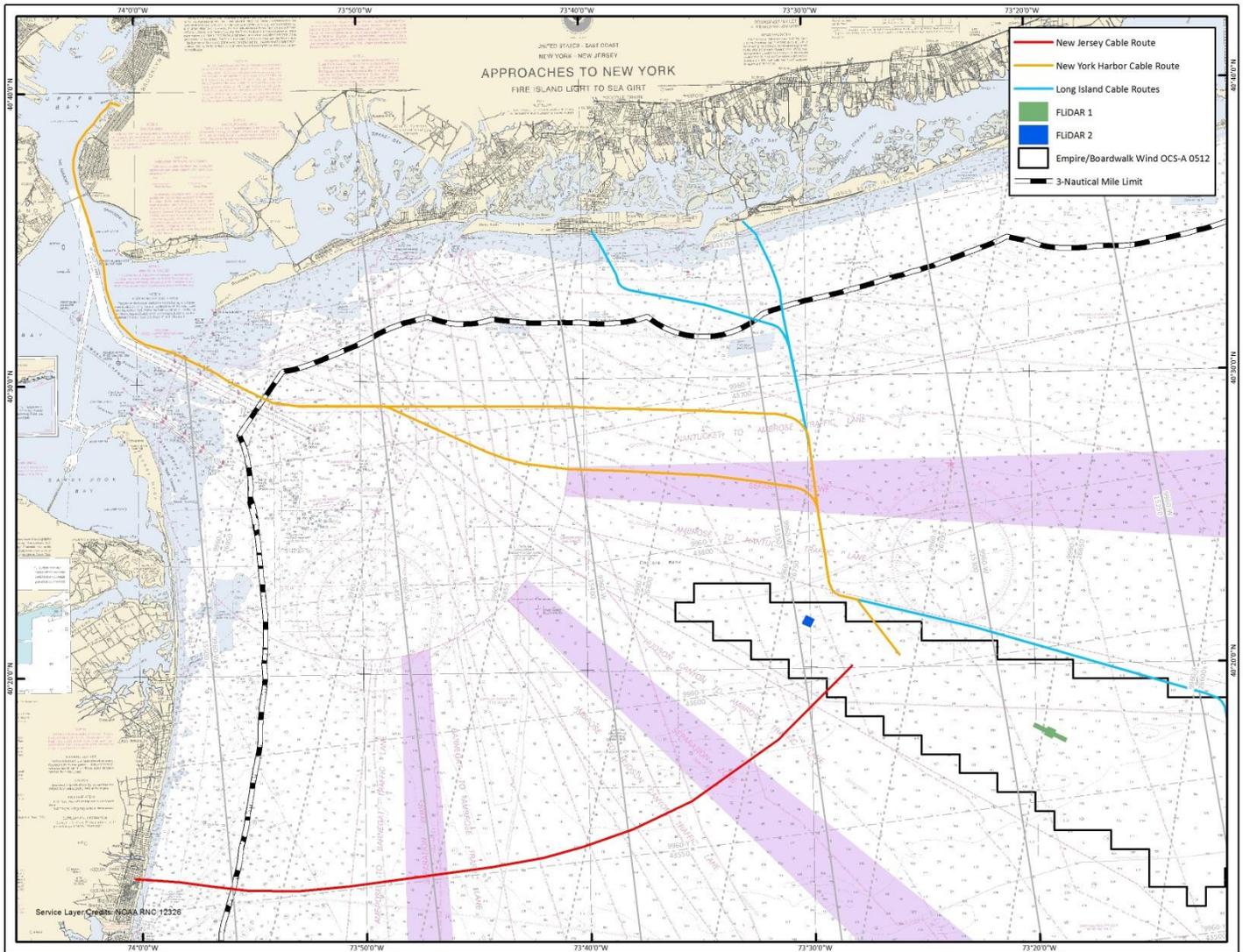
Subsurface Mooring 15’ below surface:  
40° 17.9107’N; 073° 20.0119’W

Floating Lidar buoy 1 (central):  
40° 17.6496’N; 073° 19.382’W

Met/Wave buoy:  
40° 17.426’N; 073° 18.7588’W

Floating Lidar buoy 2 (west):  
40° 21.6095’N; 073° 30.0998’W (target)





**Cable Route Surveys coordinates**

M/V Conti will take Geotech samples and cores and R/V NorthStar Commander will take benthic samples at points along possible cable routes to Asbury Park New Jersey, New York Harbor, and Long Island, New York.

The potential NJ cable route runs roughly E-W between Loran coordinates 43550 – 43570. Coordinates for all of the export cable routes can be provided upon request, either as degrees and minutes latitude and longitude, or converted to LORAN. Requests can be made via the Equinor Fisheries Liaisons (see right).



Dina Polar



Conti



Henry Hudson

**Fisheries Liaison Contacts:**

Sea Risk Solutions is representing Equinor Wind as Fisheries Liaison Officers. An Offshore Fisheries Liaison Representative will be present onboard the survey vessel to facilitate communications and identify and mitigate potential conflicts.

**Steve Drew**  
 sdrew@searisksolutions.com  
 +1-908-339-7439

**Elizabeth Marchetti**  
 emarc@equinor.com  
 emarchetti@searisksolutions.com  
 +1-401-954-2902

**Wolfgang Rain**  
 wrain@searisksolutions.com  
 +1-206-427-6553