Partners in UK offshore wind

Yellow North and South Offshore Wind Farm

Notice to Mariners

NtM Number	**Yellow North and South/001 v0.1**
Date of Issue	**16.06.21**

1 Planned Activity

A geophysical, geotechnical and environmental (benthic) survey of the proposed Yellow North and South Offshore Wind Farm Project will commence from the 27.06.21. The survey involves the use of 2DUHR (sparker) equipment, Sub-bottom Profiler (SBP), Sidescan Sonar (SSS) and Magnetometer equipment, some of which will be towed approximately 150 m astern of the vessel, during July and August. Drop-down camera and grab samples will be collected at approximately 90 locations during this period and into August/September and Cone Penetration Tests (CPTs) will be undertaken at up to approximately 40 locations during September.

The survey will cover the main offshore array areas, plus 3km buffer, with initial 2km line spacing (later infilled to potentially 250m spacing at some locations). The survey vessels will start in the northern polygon initially to acquire a coarse grid of data across the site, before returning to infill where required. Sparker tests will be run to begin with in discrete areas (see coordinates provided below).

The extent of the planned survey is shown in the attached figure. Coordinates of the offshore array are also provided below.

An Offshore Fisheries Liaison Officer (OFLO) will be present aboard the survey vessel – see details below.

Any at sea, operational issues should be directed towards the OFLO in the first instance.

More general queries about the survey and/or proposed Project can be directed towards the Company Fisheries Liaison Officer (CFLO) – see details below.

2 Geographic co-ordinates and chart of survey area

All positions quoted in WGS84: latitude /longitude (in degrees decimal minutes)

See attached figure and list of coordinates. In the figure the red line indicates the actual site boundary, and the blue line indicates the coordinates of the simplified site boundary supplied for ease of chart plotting.

3 Safe clearances, navigation safety features and safety notes for mariners

All vessels are requested to maintain a safe distance (1nm) from the survey vessel *Ocean Resolution* at all times. Vessels will display appropriate shapes and lights when surveying.

4 Outline programme of works

Geophysical Survey (inclusive of towed gear)	Start Date: 27/06/21	Estimated Completion Date: 31/08/2021
Drop-down camera and grab sampling	Start Date: 12/07/2021	Estimated Completion Date:30/09/2021
Cone Penetration Tests (CPTs)	Start Date:01/09/2021	Estimated Completion Date:30/09/2021

5 Vessel details		
Vessel Name:	**Ocean Resolution**	
Vessel Type / LOA(m):	Multi-Role Survey Vessel / 79.2 m	
Vessel Function:	Survey vessel	
VHF Call Sign:	3EIPG	
MMSI:	371657000	
Vessel Operator Telephone:	VSAT – VOIP (Bridge)	+44 1493 236004
	VSAT – VOIP (Master)	+44 1493 236025
	VSAT – VOIP (Party Chief)	+44 1493 236026

6 Project Contact Details		
Offshore Fisheries Liaison Officer: **Chris Emerson (NFFO)** **Email:** **Telephone:**	**Fishing Industry Representative:** **Tom Watson (NFFO)** **Email:** tomwatsonfleetwood@btinternet.com **Telephone: +44 790 317 3624**	**Company Fisheries Liaison Officers:** **Beth Owens (MarineSpace)** **Email:** bethan.owens@marinespace.co.uk **Telephone: +44 783 355 7808** **Jonny Lewis (MarineSpace)** **Email:** jonny.lewis@marinespace.co.uk **Telephone: +44 781 764 4284**

Figure 1: Yellow North and South site boundaries (red lines) and the simplified site boundaries (blue lines)

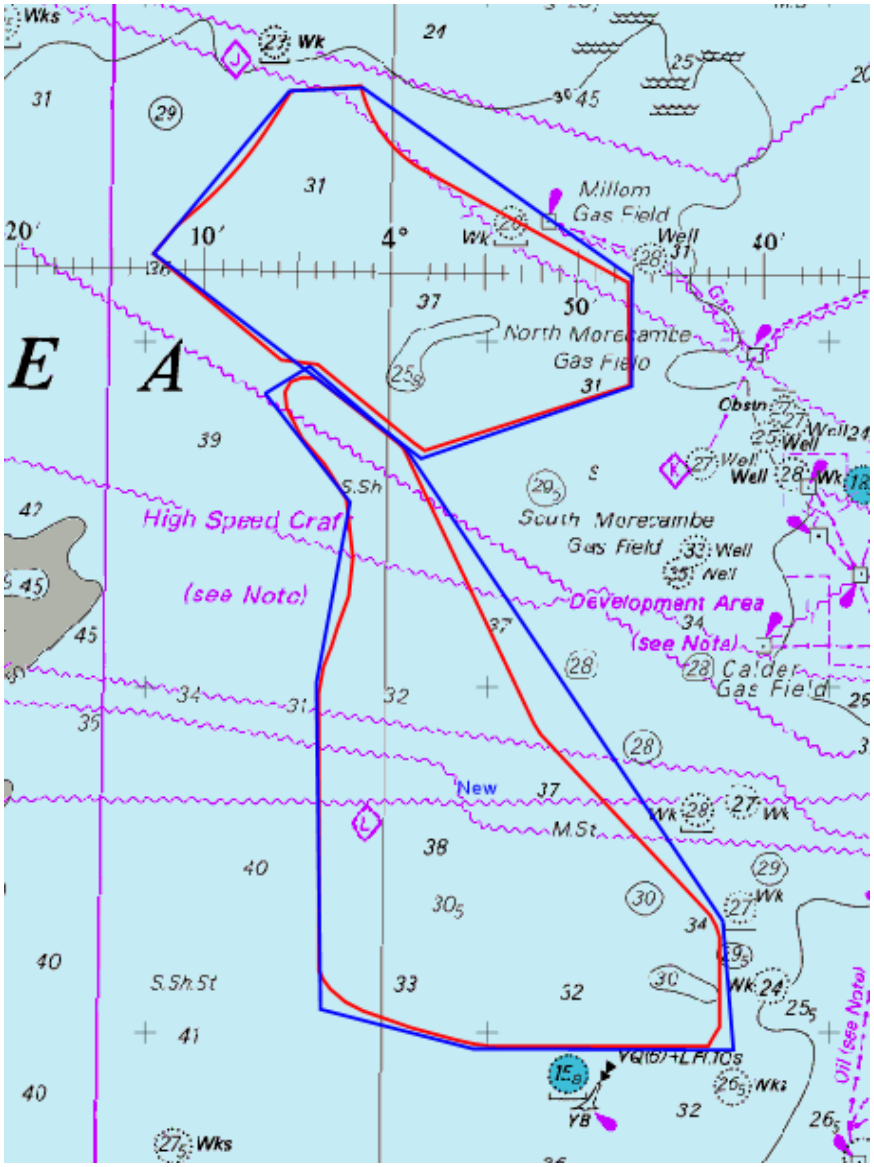

Table 1: Simplified Area Boundary Northern Area (not including 3km buffer)

Point	Latitude (WGS 84)	Longitude (WGS 84)
1	54°00.479'N	004°12.783'W
2	53°54.211'N	003°58.323'W
3	53°56.546'N	003°47.118'W
4	53°59.951'N	003°47.182'W
5	54°05.761'N	004°01.731'W
6	54°05.622'N	004°05.649'W
7	54°00.479'N	004°12.783'W

Table 2: Simplified Area Boundary Southern Area (not including 3km buffer)

Point	Latitude (WGS84)	Longitude (WGS84)
1	53°56.170'N	004°06.704'W
2	53°52.817'N	004°02.090'W
3	53°47.158'N	004°03.742'W
4	53°36.977'N	004°03.272'W
5	53°35.813'N	003°55.181'W
6	53°35.864'N	003°41.342'W
7	53°39.892'N	003°41.980'W
8	53°54.539'N	003°59.185'W
9	53°57.041'N	004°04.352'W

Table 3: Sparker test areas

Point	Latitude (WGS84)	Longitude (WGS84)
Option 1-a	54°02.371'N	004°04.571'W
Option 1-b	54°02.092'N	004°03.776'W
Option 2-a	53°56.911'N	003°54.988'W
Option 2-b	53°57.035 'N	003°54.101'W