

NOTICE TO MARINERS

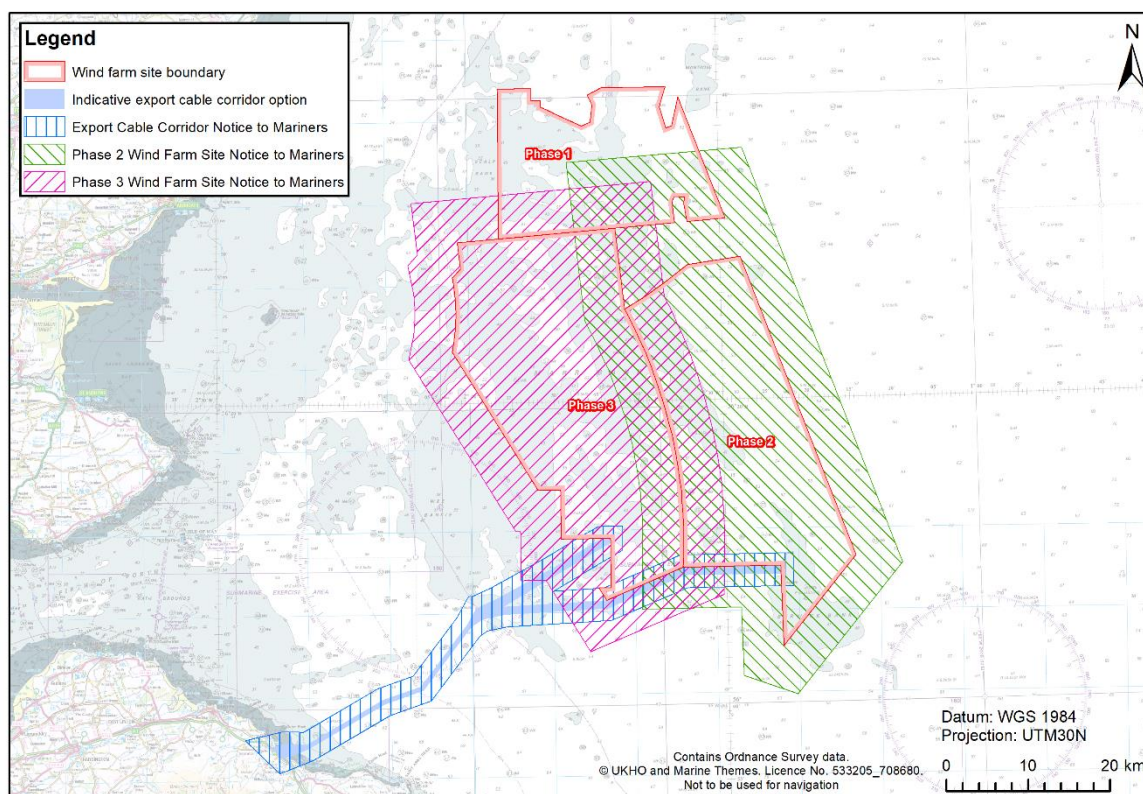
SSE Renewables - Notice to Mariners 08/2019. Issue date 12/08/2019 (third issue).

Overview

Mariners are advised that SSE Renewables will be conducting a Geophysical Survey within the Seagreen 2 and 3 wind farm site boundaries (hatched in green and pink in Figure 1 below) and also the export cable corridor (shaded blue in Figure 1 below), with the respective co-ordinates listed in Table 1. (This third issue updates Figure 1 Site Boundary and Table 1 Site Boundary Coordinates)

The survey work is being undertaken by Fugro and will be conducted from 2 No. offshore vessels: MV Fugro Pioneer and the MV Frontier and 1 No. inshore vessel: MV Seeker.

Figure 1: Site Boundary



Survey Duration

The surveys mobilised on 1st August 2019 and the expected completion of the geophysical surveys will be by November 2019, weather permitting, and therefore there may be the potential for an extension to the work duration.

Survey Tasks

The survey is to be split into four distinct phases using the offshore survey vessels:

1. Seagreen Phase 2 geophysical survey
2. Seagreen Phase 3 geophysical survey
3. Seagreen export cable route geophysical survey

4. Finally the inshore survey vessel will carry out a geophysical survey of the cable landfall for the export cable routes and should be finished by the end of August 2019 subject to the weather.

During the survey campaign, the vessels will be deploying underwater survey equipment comprising of towed equipment including shallow sub bottom profiling equipment, sidescan sonar and magnetometer.

As a consequence of the survey equipment deployed and the modes of operation, all mariners are advised to keep a safe clearance distance of no less than 500m aft of the vessels.

The survey area is defined by the following WGS84 coordinates in Table 1, which provide the corner points for the wind farm sites and the end points for the export cable corridor: -

Table 1 – Site Boundary Coordinates

Phase 2 Coordinates

Number	Lat	Long
1	56° 0.532'	1° 21.941'
2	56° 1.801'	1° 28.233'
3	56° 6.320'	1° 28.367'
4	56° 6.316'	1° 40.052'
5	56° 9.069'	1° 39.957'
6	56° 9.100'	1° 39.956'
7	56° 9.131'	1° 39.955'
8	56° 9.183'	1° 39.953'
9	56° 9.235'	1° 39.951'
10	56° 9.287'	1° 39.946'
11	56° 10.124'	1° 39.859'
12	56° 11.303'	1° 39.818'
13	56° 12.517'	1° 39.888'
14	56° 13.310'	1° 39.978'
15	56° 13.347'	1° 39.982'
16	56° 13.385'	1° 39.984'
17	56° 13.883'	1° 40.016'
18	56° 14.280'	1° 40.110'
19	56° 14.303'	1° 40.116'
20	56° 14.327'	1° 40.120'
21	56° 15.203'	1° 40.301'
22	56° 16.130'	1° 40.571'
23	56° 17.150'	1° 40.893'
24	56° 17.839'	1° 41.183'
25	56° 18.770'	1° 41.581'
26	56° 19.456'	1° 41.961'
27	56° 19.477'	1° 41.973'
28	56° 19.498'	1° 41.984'
29	56° 20.114'	1° 42.305'
30	56° 21.223'	1° 42.967'
31	56° 22.198'	1° 43.624'
32	56° 22.925'	1° 44.213'
33	56° 22.947'	1° 44.231'
34	56° 22.970'	1° 44.249'
35	56° 23.698'	1° 44.810'
36	56° 24.867'	1° 45.845'
37	56° 25.301'	1° 46.231'
38	56° 25.782'	1° 46.319'
39	56° 35.751'	1° 48.162'
40	56° 36.522'	1° 27.166'
41	56° 9.032'	1° 9.236'

Phase 3 Coordinates

Number	Lat	Long
1	56° 3.567' N	1° 46.249' W
2	56° 8.318' N	1° 51.358' W
3	56° 8.321' N	1° 54.303' W
4	56° 11.554' N	1° 54.294' W
5	56° 11.555' N	1° 54.852' W
6	56° 22.934' N	2° 7.229' W
7	56° 23.993' N	2° 6.802' W
8	56° 24.040' N	2° 6.783' W
9	56° 24.203' N	2° 6.722' W
10	56° 24.365' N	2° 6.666' W
11	56° 24.522' N	2° 6.617' W
12	56° 24.678' N	2° 6.574' W
13	56° 24.841' N	2° 6.535' W
14	56° 25.005' N	2° 6.500' W
15	56° 25.166' N	2° 6.470' W
16	56° 25.324' N	2° 6.447' W
17	56° 25.485' N	2° 6.428' W
18	56° 25.651' N	2° 6.414' W
19	56° 25.809' N	2° 6.405' W
20	56° 25.972' N	2° 6.401' W
21	56° 26.134' N	2° 6.402' W
22	56° 26.295' N	2° 6.409' W
23	56° 26.457' N	2° 6.420' W
24	56° 26.619' N	2° 6.438' W
25	56° 26.781' N	2° 6.459' W
26	56° 26.942' N	2° 6.486' W
27	56° 27.103' N	2° 6.518' W
28	56° 27.261' N	2° 6.554' W
29	56° 27.423' N	2° 6.598' W
30	56° 27.586' N	2° 6.645' W
31	56° 27.745' N	2° 6.697' W
32	56° 27.763' N	2° 6.703' W
33	56° 29.135' N	2° 7.196' W
34	56° 29.809' N	2° 6.035' W
35	56° 33.195' N	2° 6.716' W
36	56° 34.400' N	1° 38.095' W
37	56° 26.804' N	1° 36.726' W
38	56° 25.942' N	1° 35.965' W
39	56° 25.106' N	1° 35.324' W
40	56° 24.352' N	1° 34.717' W
41	56° 24.244' N	1° 34.630' W
42	56° 23.011' N	1° 33.803' W
43	56° 21.707' N	1° 33.030' W

44	56° 21.013' N	1° 32.671' W
45	56° 20.182' N	1° 32.214' W
46	56° 19.077' N	1° 31.745' W
47	56° 19.071' N	1° 31.743' W
48	56° 19.065' N	1° 31.740' W
49	56° 18.224' N	1° 31.391' W
50	56° 17.022' N	1° 31.015' W
51	56° 15.934' N	1° 30.703' W
52	56° 14.958' N	1° 30.506' W
53	56° 14.326' N	1° 30.359' W
54	56° 13.605' N	1° 30.316' W
55	56° 12.767' N	1° 30.225' W
56	56° 11.332' N	1° 30.148' W
57	56° 9.910' N	1° 30.204' W
58	56° 9.021' N	1° 30.299' W
59	56° 7.186' N	1° 30.371' W

Export Cable Route Coordinates

Number	Latitude	Longitude
1	56° 7.955' N	1° 49.323' W
2	56° 7.590' N	1° 50.464' W
3	56° 7.740' N	1° 44.561' W
4	56° 9.824' N	1° 35.413' W
5	56° 9.818' N	1° 22.158' W
6	56° 7.662' N	1° 22.167' W
7	56° 7.668' N	1° 34.656' W
8	56° 5.602' N	1° 43.719' W
9	56° 5.283' N	1° 56.100' W
10	56° 5.041' N	1° 58.350' W
11	56° 4.685' N	1° 59.275' W
12	56° 0.485' N	2° 5.065' W
13	55° 59.560' N	2° 9.945' W
14	55° 56.678' N	2° 18.968' W
15	55° 55.821' N	2° 22.928' W
16	55° 58.013' N	2° 26.960' W
17	55° 58.560' N	2° 22.612' W
18	55° 58.535' N	2° 20.106' W
19	56° 1.338' N	2° 11.371' W
20	56° 2.135' N	2° 7.170' W
21	56° 5.924' N	2° 1.949' W
22	56° 7.322' N	2° 0.541' W
23	56° 7.337' N	2° 0.016' W
24	56° 7.878' N	1° 57.864' W
25	56° 9.838' N	1° 51.205' W
26	56° 11.218' N	1° 46.955' W
27	56° 11.812' N	1° 45.027' W
28	56° 11.805' N	1° 42.207' W
29	56° 10.213' N	1° 42.219' W
30	56° 9.339' N	1° 45.059' W
31	56° 7.958' N	1° 49.315' W
32	56° 7.956' N	1° 49.319' W

Offshore Survey Vessels



MV Fugro Frontier



MV Fugro Pioneer

The MV Fugro Pioneer and MV Fugro Frontier are sister ships designed and equipped to carry out geophysical survey operations on a 24 / 7 basis from 10 to 200m water depth.

Vessel Contact Details

MV Fugro Pioneer	MV Fugro Frontier
Vessel Call Sign C6BH3	Vessel Call Sign: C6BH4
Inmarsat number (vessel): 581 413 102 154	Inmarsat number (vessel): +31 10 7130 936
Bridge: +31 10 7130 944	Bridge +31 10 7130 936
Project Manager: +31 6 213 578 89	Project Manager: +31 6 213 578 89
Email: a.schonke@fugro.com	Email: a.schonke@fugro.com

Inshore Survey Vessel



MV Fugro Seeker

The MV Fugro Seeker is a small inshore vessel equipped to carry out survey operations in water depths of 2-10m on a 12hr basis.

Vessel Contact Details

MV Fugro Seeker
Vessel Call Sign: 2HC52
Inmarsat/mobile number (vessel): +44 7855 258 249
Bridge: +44 7585 992 459
+44 7814 803 228
Project Manager: +31 6 213 578 89
Email: a.schonke@fugro.com

Port of Operation

The Frontier and Pioneer are expected to mobilise from the port of IJmuiden, Holland in late July 2019. The Seeker will mobilise and be based in the Port of Dunbar (TBC) for the duration of its operations.

Contact Details

Further marine enquiries should be addressed to the following person:

Andreas Schonke – Project Manager: +31 6 213 578 89

Email: a.schonke@fugro.com

Contact Details – Fisheries Liaison

Onshore fisheries liaison for this survey will be co-ordinated by Brown and May Marine (BMM). If there are commercial fishery queries, please contact Jen Miller on 01379 872148 (mobile 07519 106002). There will be an offshore fisheries liaison officer (FLO) aboard one of the survey vessels. The offshore FLO will issue regular broadcasts whilst the survey vessel is operating to ensure minimal disruption and that vessels maintain an appropriate and safe distance.

Fishermen are requested to avoid undertaking any actions which could impede the survey vessel's ability to conduct its contracted work.

FURTHER DETAILS ARE AVAILABLE FROM:

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