

NOTICE TO MARINERS

West of Orkney Windfarm

Benthic Environmental Survey 2022

Rev 01 – Issued: 03/08/2022

This Notice to Mariners shall be updated as the survey progresses.

Summary

- The survey shall take place from 17th of August to the 26th of September.
- Contact details
 - Onshore: phone: +44 (0) 7926418820, email: OWPLFisheries@xodusgroup.com;
 - Offshore: phone: +31 62 52 61 499
- Name of vessel carrying out the work and towed equipment used: MV Geo-Ranger
 - 0.1 m² mini Hamon-Grab (or similar) for infauna, Particle Size Analysis (PSA) and Total Organic Carbon (TOC);
 - Drop down high-definition camera and video with seabed frame;
 - Niskin water sampling; and
 - Shipek grab (or similar) for contaminants.
- Port of operation: Scrabster.

Figure 1. Areas to be surveyed within this survey

Full information

Mariners are advised that a survey vessel and equipment will be used within the N1 PO, and associated export cable corridor route options to Caithness. The benthic environmental survey work will be carried out by Ocean Infinity (MMT) using survey vessel MV Geo-Ranger from Scrabster.

Vessel information



Vessel	MV Geo-Ranger
IMO	9885831
Owner	Geo Plus Netherlands
Vsat	+31 31 67 28 130
Email	georanger@geoplus.nl

During the surveying activities within the survey areas, the vessel will have restricted ability to manoeuvre and approaching vessels are requested to pass at a safe speed and distance. The proposed survey is a benthic environmental survey, which is essential to characterise the soil conditions within the OAA and cable route corridors.

Project Description

The West of Orkney Windfarm survey will be conducted by Ocean Infinity on behalf of Offshore Wind Power Limited (OWPL).

Benthic Environmental Survey Task

A benthic environmental survey will be carried out within the N1 PO, and associated export cable corridor route options to Caithness (see Figure 1) and coordinates of the grid corridor and cable lines are provided in Appendix A1.

The benthic environmental survey will include use of the following survey equipment at each of the surveyed areas:

- 0.1 m² mini Hamon-Grab (or similar) for infauna, Particle Size Analysis (PSA) and Total Organic Carbon (TOC);
- Drop down high-definition camera and video with seabed frame;
- Niskin water sampling; and
- Shipek grab (or similar) for contaminants.

Mariners are advised to keep a safety clearance of the vessel of no less than 500m.

Port of Operation

MV Geo-Ranger will mobilise / operate out of the port of Scrabster.

Survey duration

The survey will commence on 17th of August 2022 and run through to 26th of September. The total duration for the benthic survey a maximum of 40 days. The survey vessel will be present in the region for an overall period of up to 50 days, allowing for time to travel between the survey sites and downtime for weather and technical constraints.

Contact Details for Fisheries Liaison

Fisheries Liaison is being carried out by Xodus Group, for all fisheries enquires please contact Xodus Group Fisheries Liaison Officer (FLO).

Telephone number	+44 (0) 7 926 418820
Email	OWPLFisheries@xodusgroup.com

A.1 Coordinates of the OAA and Cable Corridor

Point ID	Latitude	Longitude
1	58° 36.925' N	003° 37.759' W
2	58° 37.421' N	003° 39.181' W
3	58° 37.033' N	003° 40.203' W
4	58° 36.395' N	003° 40.406' W
5	58° 36.610' N	003° 40.707' W
6	58° 36.367' N	003° 41.833' W
7	58° 34.832' N	003° 45.042' W
8	58° 35.236' N	003° 45.565' W
9	58° 35.417' N	003° 45.717' W
10	58° 35.643' N	003° 45.853' W
11	58° 38.903' N	003° 47.078' W
12	58° 45.170' N	004° 4.042' W
13	58° 46.473' N	004° 9.818' W
14	58° 46.177' N	004° 10.675' W
15	58° 45.977' N	004° 11.870' W
16	58° 45.896' N	004° 29.977' W
17	58° 46.193' N	004° 31.430' W
18	58° 46.974' N	004° 32.075' W
19	58° 48.719' N	004° 32.077' W
20	58° 49.581' N	004° 31.252' W
21	58° 52.467' N	004° 23.892' W
22	58° 58.482' N	004° 21.516' W
23	59° 1.514' N	004° 25.166' W
24	59° 2.347' N	004° 25.443' W
25	59° 2.935' N	004° 24.726' W
26	59° 6.061' N	004° 17.219' W
27	59° 6.300' N	004° 15.916' W
28	59° 6.094' N	004° 14.673' W
29	58° 58.363' N	003° 54.010' W
30	58° 58.085' N	003° 53.493' W
31	58° 57.582' N	003° 53.155' W
32	58° 53.357' N	003° 52.462' W
33	58° 46.449' N	003° 46.280' W
34	58° 43.288' N	003° 41.958' W

Point ID	Latitude	Longitude
35	58° 42.940' N	003° 41.610' W
36	58° 42.538' N	003° 41.434' W
37	58° 40.331' N	003° 41.212' W
38	58° 37.977' N	003° 38.505' W
39	58° 37.550' N	003° 37.886' W
40	58° 36.925' N	003° 37.759' W

