

NOTICE TO MARINERS

Berwick Bank Wind Farm Limited - Notice to Mariners. Issue Date 13/05/2025 (first issue).

Overview

Mariners are advised that Berwick Bank Offshore Wind Farm (BBOWF) will undertake further geophysical survey assessments within the Survey Areas outlined in Figure 1. Respective co-ordinates are listed in Table 1.

Whilst the survey vessel will tow survey equipment, BBOWF do not require fishing gear to be relocated and will work around static fishing gear present within the survey areas.

Survey Duration

The survey is anticipated to commence 26 May 2025 (+/- 2 days pending vessel availability), and will involve 7 days total of operational survey time. To account for weather delays and all eventualities we would like to extend the validity of this notice to 31 July 2025. The survey will be undertaken by an X-Ocean Uncrewed Surface Vessel (USV). A support vessel will escort the USV from the active ports to clear water. Please note that although the survey vessel is uncrewed, it will be piloted remotely using 360 degree cameras and deploys other navigational aids.

Survey Tasks

The surveys involve deployment of:

- Multi Beam Echosounder;
- Sub-bottom Profiler;
- Magnetometer;
- Ultra-short Baseline; and,
- Sub-bottom Profiler.

All mariners are advised to keep a safe clearance distance of no less than 500 m from the vessel(s).

Table 1 – Berwick Bank Wind Farm: Alternative Export Cable Route (ECR) survey area coordinates

Ref	Lat (DD)	Lon (DD)	DDM	DDM
1	56.109783	-1.96326	56° 06.58697244' N	001° 57.79532759' W
2	56.109003	-1.99218	56° 06.54018908' N	001° 59.53074716' W
3	56.283489	-1.93181	56° 17.00932510' N	001° 55.90848084' W
4	56.28748	-1.92947	56° 17.24882539' N	001° 55.76788863' W
5	56.292835	-1.92231	56° 17.57012846' N	001° 55.33871463' W
6	56.296116	-1.91257	56° 17.76694764' N	001° 54.75439547' W
7	56.297008	-1.90625	56° 17.82049092' N	001° 54.37485490' W
8	56.297174	-1.90221	56° 17.83041923' N	001° 54.13267069' W
9	56.285395	-1.90192	56° 17.12367876' N	001° 54.11534929' W

10	56.284449	-1.90268	56° 17.06696882' N	001° 54.16100952' W
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Table 2 – Berwick Bank Wind Farm: Branxton ECR survey area coordinates

Ref	Lat (DD)	Lon (DD)	DDM	DDM
1	55.97887	-2.435533	55° 58.732' N	002° 26.132' W
2	56.00955	-2.387417	56° 00.573' N	002° 23.245' W
3	56.01397	-2.362883	56° 00.838' N	002° 21.773' W
4	56.03213	-2.23805	56° 01.928' N	002° 14.283' W
5	56.04163	-2.101383	56° 02.498' N	002° 06.083' W
6	56.04688	-2.077617	56° 02.813' N	002° 04.657' W
7	56.10893	-1.994533	56° 06.536' N	001° 59.672' W
8	56.11563	-1.737417	56° 06.938' N	001° 44.245' W
9	56.12943	-1.7281	56° 07.766' N	001° 43.686' W
10	56.18333	-1.727717	56° 11.000' N	001° 43.663' W
11	56.20185	-1.770883	56° 12.111' N	001° 46.253' W
12	56.20162	-1.692983	56° 12.097' N	001° 41.579' W
13	56.14908	-1.69355	56° 08.945' N	001° 41.613' W
14	56.1502	-1.3935	56° 09.012' N	001° 23.610' W
15	56.14122	-1.393533	56° 08.473' N	001° 23.612' W
16	56.14127	-1.582333	56° 08.476' N	001° 34.940' W
17	56.10673	-1.733917	56° 06.404' N	001° 44.035' W
18	56.10142	-1.938317	56° 06.085' N	001° 56.299' W
19	56.05425	-1.9767	56° 03.255' N	001° 58.602' W
20	56.05465	-2.02635	56° 03.279' N	002° 01.581' W
21	56.04085	-2.06565	56° 02.451' N	002° 03.939' W
22	56.01802	-2.097083	56° 01.081' N	002° 05.825' W
23	55.99015	-2.250083	55° 59.409' N	002° 15.005' W
24	55.99442	-2.37005	55° 59.665' N	002° 22.203' W
25	55.97025	-2.413683	55° 58.215' N	002° 24.821' W

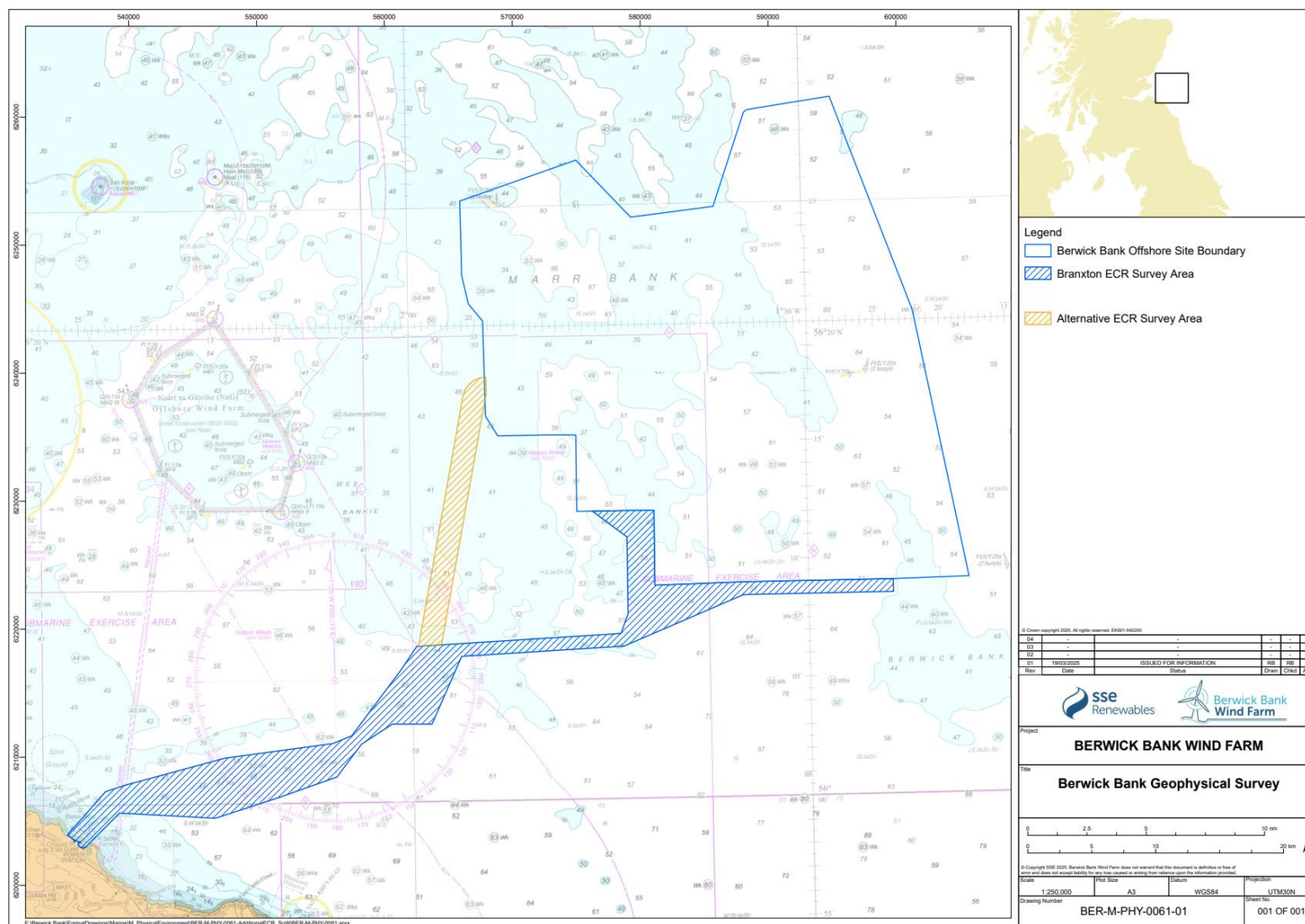


Figure 1: Berwick Bank Wind Farm Site Boundary and ECR Survey Areas.

Survey Vessel Information



X-OCEAN USV

Name:	X-26 UNCREWED	X-11 UNCREWED	X-28 UNCREWED	X-29 UNCREWED
MMSI:	232052508	232033343	232053988	232053990
Call signs:	MOQM9	MIRG4	MOXJ2	MOXJ4
Length:	4.5m	4.5m	4.5m	4.5m
Beam:	2.2m	2.2m	2.2m	2.2m
Speed:	3.5kts	3.5kts	3.5kts	3.5kts
Draught:	1.5m	1.5m	1.5m	1.5m
Tonnage:	750kg	750kg	750kg	750kg

The USV sends real time images and situational awareness data over satellite to a team of operators keeping watch and controlling the vessel remotely 24/7.

Safety Precautions:

The USV is equipped with the following to make it conspicuous to other marine traffic:

- AIS
- VHF
- Navigation Lights & Sound Signal
- Active Radar Reflector
- Superstructure Painted Yellow

Please note that the survey vessel could be replaced by an equivalent vessel throughout the survey duration.

Guard/Scout and Support Vessel Information

For the first rotation the Courage SH170 will be on site, with the GV Reaper operating within the array area as part of the separate geotechnical campaign which is ongoing.

Table 3 - Vessel Details

		
Courage SH170 (guard vessel)	GV Reaper (guard vessel)	Oceanic (support vessel)
Vessel Call Sign: MJDL4 MMSI: 233308000 Inmarsat Number: N/A Bridge Tel no: 01261 877295 Email: couragesh170@gmail.com	Vessel Call Sign: MFIX5 MMSI: 232022358 Inmarsat Number: N/A Bridge Tel no: 01947 878332 Email: rossiklb1@gmail.com	Vessel Call Sign: 2FUR9 MMSI: 235094407 Inmarsat Number: N/A Bridge Tel no: 07860 804316 Email: ANDERSON77@BTINTERNET.COM

Contact Details – Fisheries Liaison

Further marine enquiries should be addressed to the MES/SFFS Operations Team at: ops@sff.co.uk

Onshore fisheries liaison for this survey will be co-ordinated by Natural Power. If there are commercial fishery queries, please contact Peter Berney: +44 (0)7391 402387 or email: berwick.bank.flo@naturalpower.com

Further details are available from:

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If not available, please contact:

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