

Notice to Mariners

WTG As Built Survey - August 2024

Moray West Offshore Wind Farm

Issue date	01-Aug-2024
Version	01
Activity	WTG As Built Survey - August 2024

Revision History

Version	Issue Date	Status	Updates
01	01-Aug-24	Final	First Issue

1. Introduction

This notice to mariners is to inform that Moray Offshore Windfarm (West) Limited (Moray West) will be engaged in survey activities associated with construction of the Moray West Offshore Windfarm located on the Smith Bank in the Outer Moray Firth approximately 25NM north of Buckie.

Surveys will be undertaken by an Uncrewed Surface Vessel (USV) which is planned to sail out of Buckie during August 2024. Operations will take place subject to weather and other operational factors from 7th August 2024 for approximately 1 week.

A support vessel will escort the USV from the active port to clear water.

Although the vessel itself is uncrewed, it is monitored remotely throughout the 24-hour operation, piloted remotely using 360-degree cameras and other navigational aids.

Figure 1 below indicates the operational area. The survey area boundary is indicated in Table 1 below also. In addition to the survey area, the USV will transit from Buckie to site.

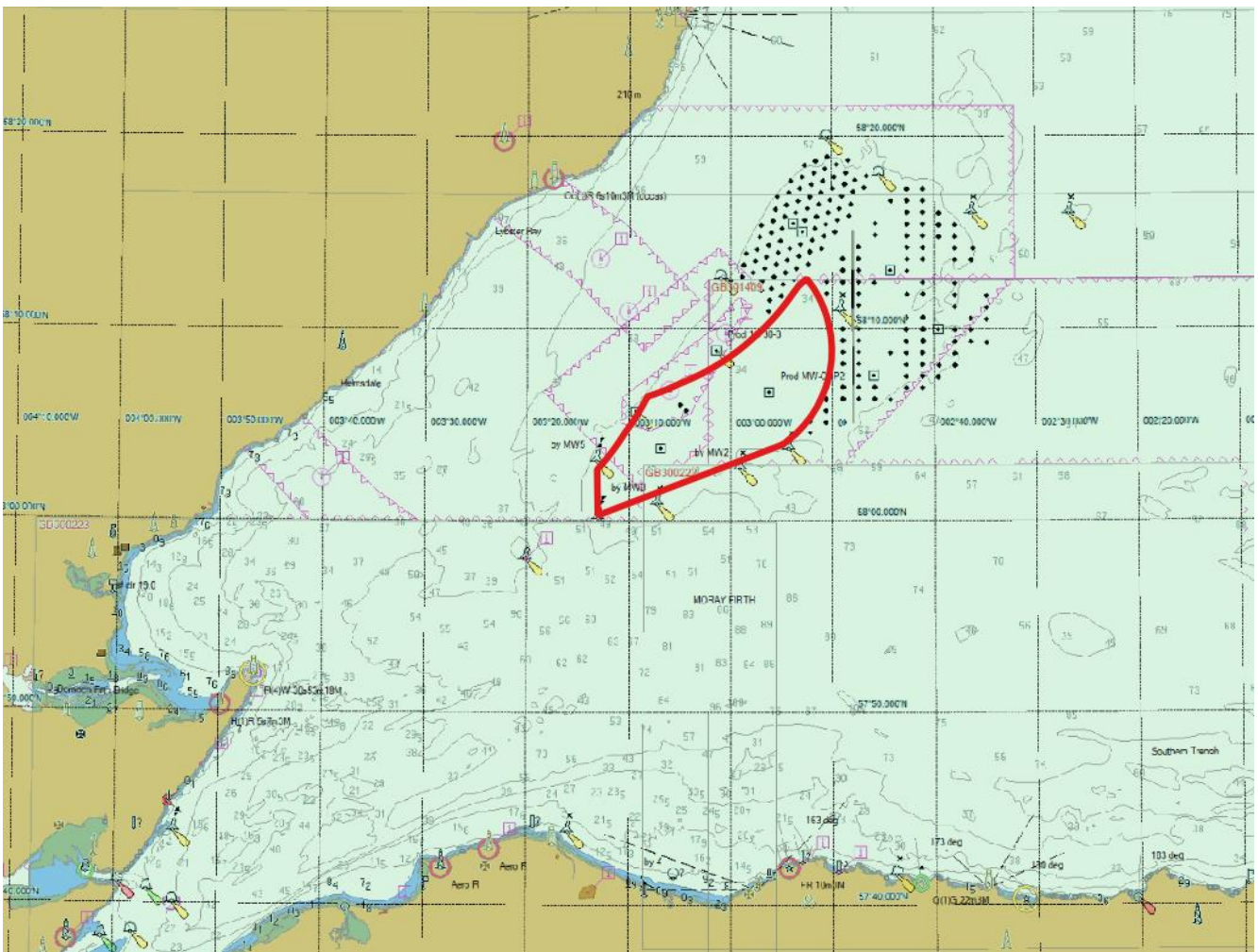


Figure 1: Operational Area – outlined in red

2. USV survey works

Scope of work includes survey activities around the installed WTG foundations.

The work will be performed by the XOCEAN X-29, with 1x backup vessel, the XOCEAN X-23. Only one vessel will ever be operational at the same time.

The coordinates of the work site boundary are presented in the below Table 1 (these are the same as presented in Figure 1 above):

Windfarm site boundary Coordinates				
Site ID	UTM30(N) Easting (m)	UTM30(N) Northing (m)	WGS84 Latitude	WGS84 Longitude
1	505117	6436040	58° 3.946' N	2° 54.796' W
2	507845	6438790	58° 5.426' N	2° 52.017' W
3	509247	6441560	58° 6.918' N	2° 50.583' W
4	509828	6445010	58° 8.780' N	2° 49.983' W
5	509362	6448300	58° 10.551' N	2° 50.450' W
6	508444	6450480	58° 11.729' N	2° 51.382' W
7	507377	6452080	58° 12.588' N	2° 52.468' W
8	506584	6451400	58° 12.223' N	2° 53.279' W
9	504067	6448160	58° 10.482' N	2° 55.851' W
10	500728	6445090	58° 8.825' N	2° 59.258' W
11	496301	6442410	58° 7.380' N	3° 3.768' W
12	491909	6440620	58° 6.413' N	3° 8.237' W
13	489705	6437070	58° 4.496' N	3° 10.472' W
14	487142	6433650	58° 2.650' N	3° 13.068' W
15	487208	6429170	58° 0.237' N	3° 12.986' W

Table 1. Coordinates of Windfarm boundary

3. General Safety Advice

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

Seafarers are asked to avoid contact with the vessel and be aware of the operational area during this period

4. Vessel Information

The survey operations will be completed by the XOCEAN X-29, Support vessel will be the Seacat. Details are provided in Table 2 below, along with the backup vessel (only one vessel will be operational at the same time).

Vessel Name	X-29	X-23 (backup)	Seacat
MMSI Number	232053990	232044015	914283
Operating Company	XOCEAN	XOCEAN	Seacat
Vessel Call Sign	MOXJ4	MMIM8	2AMV3
Vessel Phone Number	+353 1 223 9950	+353 1 223 9950	+447919132686
Vessel Email Address	usv.supervisor@xocean.com	usv.supervisor@xocean.com	haroldnapier@hotmail.co.uk

Table 2. XOCEAN X-29, X-23 & Seacat details



Figure 2: X-29 & X-23



Figure 3 : Seacat Support Vessel

5. Developer Contacts Details

Enquiries regarding the contents of this Notice to Mariners should be directed to Moray West team (contact details below).

For fisheries related matters, please contact the Fishery Manager, using the contact details provided below:

Survey - Package manager

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Consenting

Moray West Development Team
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