

# Notice to Mariners

## Exclusion zones around Confirmed Unexploded Ordnance (cUXOs) -

Moray West Offshore Wind Farm

|                   |  |
|-------------------|--|
| <b>Issue date</b> | 21/07/2023   |
| <b>Version</b>    | 14   |
| <b>Activity</b>   | Exclusion zones around cUXOs confirmed during ID Works |

## Revision History

| Version | Issue Date    | Status | Updates   |
|---------|---------------|--------|---|
| 01      | 29 March 2023 | Final  | First Issue   |
| 02      | 05 April 2023 | Final  | Second Issue. Table 1 updated                       |
| 03      | 13 April 2023 | Final  | Third Issue. Table 1 updated                        |
| 04      | 21 April 2023 | Final  | Forth Issue. Table 1 updated                        |
| 05      | 28 April 2023 | Final  | Fifth Issue. Table 1 updated                        |
| 06      | 05 May 2023   | Final  | Sixth Issue. Table 1 updated                        |
| 07      | 12 May 2023   | Final  | Seventh Issue. Table 1 updated. ARU locations added |
| 08      | 29 May 2023   | Final  | Eighth Issues. No changes. Just Date updated        |
| 09      | 06 June 2023  | Final  | Ninth Issue. Table 1 updated                        |

|    |              |       |  |
|----|--------------|-------|--|
| 10 | 23 June 2023 | Final | Tenth Issue. Table 1 and Figure 2 updated.     |
| 11 | 30 June 2023 | Final | Eleventh Issue. Table 1 and Figure 2 updated.  |
| 12 | 07 July 2023 | Final | No changes made to this issue.                 |
| 13 | 14 July 2023 | Final | Thirteenth Issue, Table 1 and Figure 2 updated |
| 14 | 21 July 2023 | Final | Issue fourteen, Table 1 and Figure 2 updated   |

## 1. Introduction

This notice to mariners is to inform the exclusion zones around unexploded ordnance confirmed (cUXOs) during the unexploded ordnance (pUXO) investigation being carried out by Moray Offshore Windfarm (West) Limited (Moray West) . The ordnance disposal works are ongoing and done from a vessel at the Moray West Offshore Wind Farm site and Export Cable Corridor.

The Moray West site is located on the Smith Bank in the Outer Moray Firth, approximately 22.5km from the Caithness coastline. The offshore wind farm site covers an area of approximately 225km<sup>2</sup>. The offshore wind farm site is given in Figure 1:

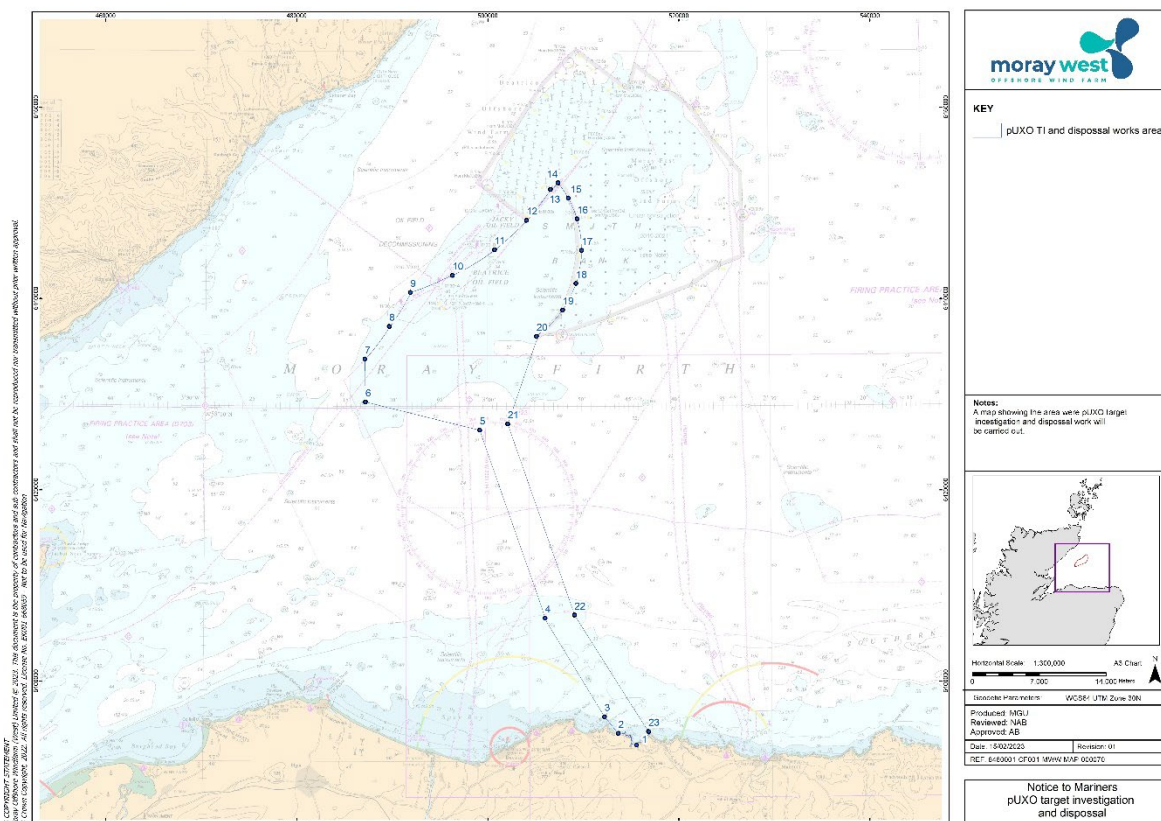


Figure 1. Moray West Wind Farm Site. Location of the works

The vessel works are to take place within the blue boundary shown in the figure above.

The vessel is expected to continue disposal operations until the 15<sup>th</sup> August 2023.

## 2. Exclusion zones around cUXO- Offshore pUXO ID phase

During the now completed inspection of potential UXO targets, a total of 81 targets have been confirmed as UXO.

The coordinates of the remaining confirmed Ordnance (cUXO) and their associated exclusion zone radius around them are presented in the below Table 1 (these cUXOs and exclusion zones are also presented in Figure 2 below the table):

Table 1. Coordinates of the confirmed UXOs and exclusion zones.

| Confirmation date | Site Investigation survey Coordinates |                      |                       |                |                 | Exclusion Zone |
|-------------------|---------------------------------------|----------------------|-----------------------|----------------|-----------------|----------------|
|                   | cUXO ID                               | UTM30(N) Easting (m) | UTM30(N) Northing (m) | WGS84 Latitude | WGS84 Longitude |                |
| 25/03/2023        | 113                                   | 489130               | 6431978               | 58° 01.7531' N | 003° 11.0428' W | 300m           |
| 26/03/2023        | 114                                   | 489131               | 6431924               | 58° 01.7240' N | 003° 11.0417' W | 300m           |
| 26/03/2023        | 116                                   | 489155               | 6431122               | 58° 01.2919' N | 003° 11.0151' W | 300m           |
| 26/03/2023        | 117                                   | 489178               | 6430102               | 58° 00.7422' N | 003° 10.9889' W | 300m           |
| 11/04/2023        | 118                                   | 489280               | 6430148               | 58° 00.7669' N | 003° 10.8853' W | 300m           |
| 26/03/2023        | 145                                   | 492085               | 6431228               | 58° 01.3527' N | 003° 08.0393' W | 300m           |
| 11/04/2023        | 237                                   | 492079               | 6431314               | 58° 01.3989' N | 003° 08.0459' W | 300m           |
| 26/03/2023        | 144                                   | 492057               | 6431320               | 58° 01.4022' N | 003° 08.0680' W | 300m           |
| 26/03/2023        | 147                                   | 492222               | 6431391               | 58° 01.4407' N | 003° 07.9005' W | 300m           |
| 01/04/2023        | 186                                   | 499044               | 6438358               | 58° 05.1993' N | 003° 00.9728' W | 300m           |
| 04/04/2023        | 198                                   | 500981               | 6440013               | 58° 06.0913' N | 002° 59.0012' W | 300m           |
| 29/03/2023        | 161                                   | 494273               | 6434117               | 58° 02.9116' N | 003° 05.8212' W | 300m           |
| 29/03/2023        | 157                                   | 493862               | 6434708               | 58° 03.2298' N | 003° 06.2399' W | 300m           |
| 29/03/2023        | 156                                   | 493856               | 6434727               | 58° 03.2400' N | 003° 06.2460' W | 300m           |
| 29/03/2023        | 158                                   | 493863               | 6435024               | 58° 03.4001' N | 003° 06.2393' W | 300m           |
| 29/03/2023        | 160                                   | 493994               | 6435167               | 58° 03.4773' N | 003° 06.1064' W | 300m           |
| 28/03/2023        | 150                                   | 492974               | 6435316               | 58° 03.5567' N | 003° 07.1437' W | 300m           |
| 27/03/2023        | 129                                   | 491220               | 6433845               | 58° 02.7621' N | 003° 08.9238' W | 300m           |
| 27/03/2023        | 137                                   | 491965               | 6432745               | 58° 02.1701' N | 003° 08.1643' W | 300m           |
| 07/04/2023        | 226                                   | 505698               | 6442166               | 58° 07.2496' N | 002° 54.1963' W | 300m           |
| 07/04/2023        | 228                                   | 505713               | 6442178               | 58° 07.2560' N | 002° 54.1812' W | 300m           |
| 07/04/2023        | 230                                   | 505839               | 6442193               | 58° 07.2638' N | 002° 54.0531' W | 300m           |
| 02/04/2023        | 167                                   | 494766               | 6438033               | 58° 05.0224' N | 003° 05.3253' W | 300m           |
| 25/03/2023        | 120                                   | 489670               | 6432249               | 58° 01.9000' N | 003° 10.4949' W | 300m           |
| 25/03/2023        | 121                                   | 489694               | 6432278               | 58° 01.9156' N | 003° 10.4706' W | 300m           |
| 25/03/2023        | 122                                   | 489752               | 6432263               | 58° 01.9076' N | 003° 10.4117' W | 300m           |
| 25/03/2023        | 123                                   | 489784               | 6432234               | 58° 01.8920' N | 003° 10.3791' W | 300m           |
| 24/03/2023        | 124                                   | 489847               | 6432255               | 58° 01.9034' N | 003° 10.3151' W | 300m           |
| 24/03/2023        | 125                                   | 489926               | 6432241               | 58° 01.8960' N | 003° 10.2348' W | 300m           |
| 24/03/2023        | 126                                   | 489965               | 6432257               | 58° 01.9047' N | 003° 10.1953' W | 300m           |
| 27/03/2023        | 149                                   | 492778               | 6431744               | 58° 01.6315' N | 003° 07.3364' W | 300m           |
| 05/06/2023        | LMB 1                                 | 512007               | 6400747               | 57°44.9201' N  | 002°47.8968' W  | 500m           |

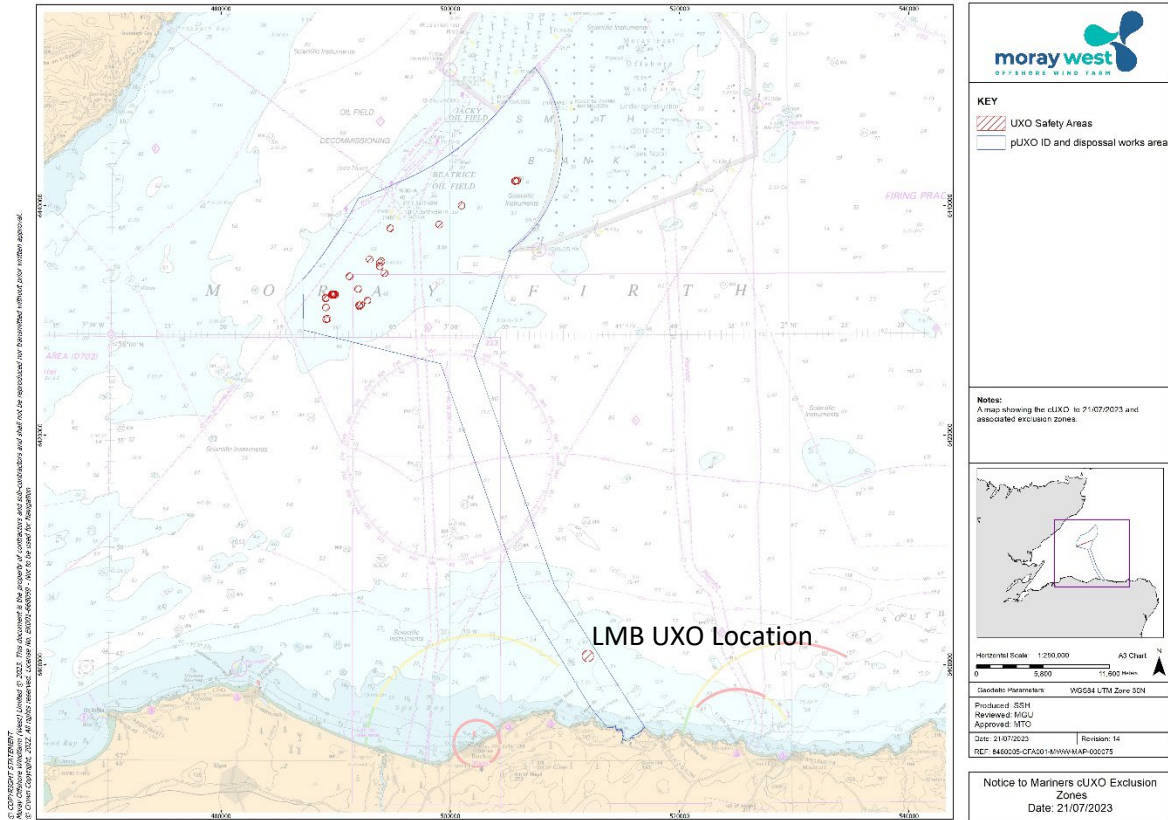


Figure 2. Moray West Wind Farm Site. Location of cUXOs and associated exclusion zones

### 3. Vessel Information

Both the identification of pUXO and their disposal (if required) is being carried out by the survey vessel Glomar Wave.

Table 2. Glomar Wave General Information

|                             |  |
|-----------------------------|--|
| <b>Vessel Name</b>          | Glomar Wave  |
| <b>MMSI Number</b>          | 356301000  |
| <b>Operating Company</b>    | Glomar Offshore  |
| <b>Vessel Call Sign</b>     | 3FXF4  |
| <b>Vessel Phone Number</b>  | Ships Mob.: +31647982706<br>V-SAT: 00 31 223705020<br>Fleet One: +870773948919 |
| <b>Vessel Email Address</b> | <a href="mailto:bridge@glomarwave.com">bridge@glomarwave.com</a>               |



Figure 2. Glomar Wave – photo of the vessel

## 4. 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:

### **Technical and Survey Planning**

Michael Torsney (Project Surveyor)  
Address: 144 Morrison St., Edinburgh, EH3 8EX  
Email: [michael.torsney@oceanwinds.com](mailto:michael.torsney@oceanwinds.com)  
Tel: +44 (0) 7595 415305

### **Consenting**

Moray West Development Team  
Address: 144 Morrison St., Edinburgh, EH3 8EX  
Email: [development@moraywest.com](mailto:development@moraywest.com)  
Tel: +44 (0) 131 556 7602

### **Health, Safety and Other Matters**

Richard Pargeter (Head of HSSE)  
Address: 144 Morrison St., Edinburgh, EH3 8EX  
Email: [richard.pargeter@oceanwinds.com](mailto:richard.pargeter@oceanwinds.com)  
Tel: +44 (0) 1315 567602

### **Fishing Enquiries**

Iain McMyn (Fishery Manager)  
Address: 144 Morrison St., Edinburgh, EH3 8EX  
Email: [Iain.McMyn@oceanwinds.com](mailto:Iain.McMyn@oceanwinds.com)  
Tel: +44 (0) 7780 191088

Alex Winrow-Giffin, Brown and May Marine (Company Fisheries Liaison Officer)  
Email: [alex@brownmay.com](mailto:alex@brownmay.com)  
Tel: +44 (0) 7760 160039

### **Moray West Marine Coordination**

| <b>Marine Coordination</b>     | <b>Contact</b>  |
|--------------------------------|---|
| Marine Coordination – 24hrs    | +44 (0) 7774 663504<br><a href="mailto:mcc@moraywest.com">mcc@moraywest.com</a> |
| Call sign – Moray West Traffic | VTS CH16 & CH87   |