

# Notice to Mariners

## Exclusion zones around Confirmed Unexploded Ordnance (cUXOs) – August 2023

Moray West Offshore Wind Farm

<b>Issue date</b>	25/08/2023
<b>Version</b>	19
<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
15	28 July 2023	Final	Issue fifteen, Table 1 and Figure 2 updated
16	04 August 2023	Final	Issue sixteen, Table 1 and Figure 2 updated
17	11 August 2023	Final	Issue seventeen, Table 1 and Figure 2 updated
18	18 August 2023	Final	Issue eighteen, Table 1, Figure 2 and paragraph 3 updated
19	25 August 2023	Final	Issue nineteen, No changes

# 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:

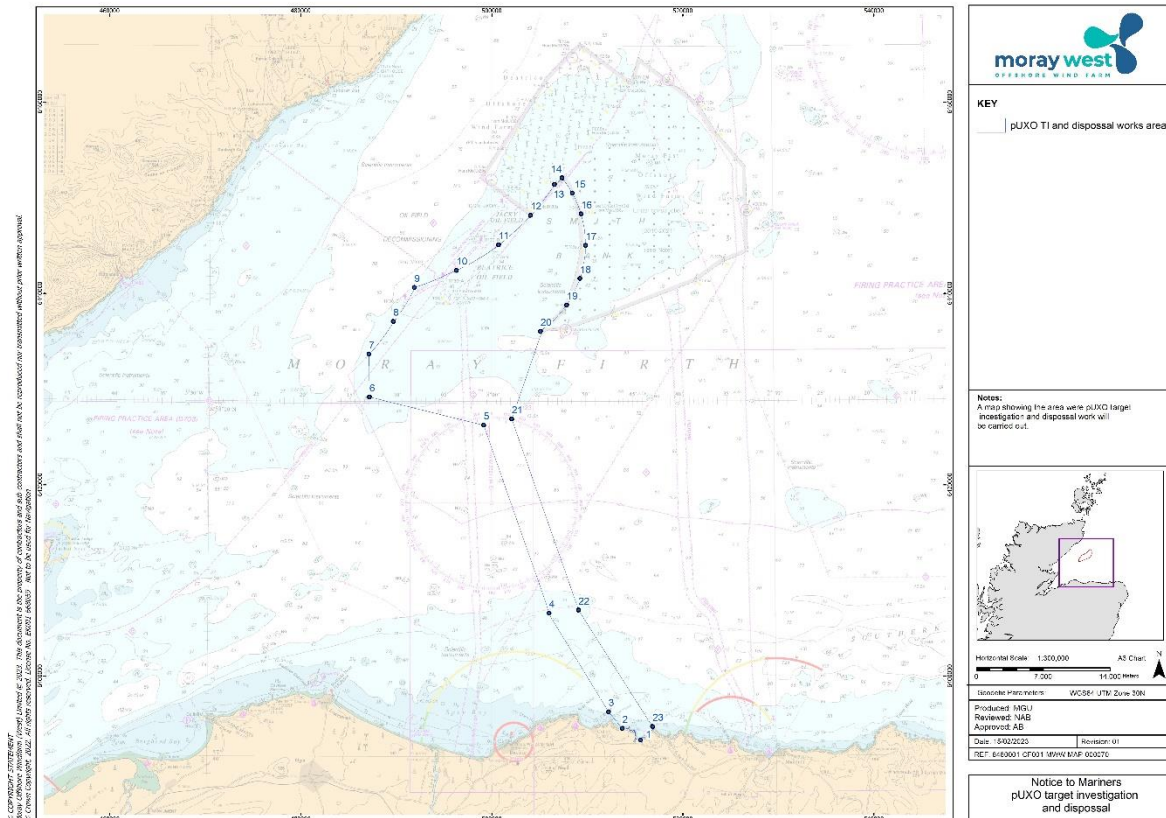


Figure 1. Moray West Wind Farm Site. Location of the works

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

The vessel completed disposal of 82 UXO's on 12<sup>th</sup> August 2023 and is expected to begin operations for the removal of the remaining LMB mine between the dates of 29<sup>th</sup> August 2023 to 3<sup>rd</sup> September 2023.

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

During the now completed inspection of potential UXO targets, a total of 82 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	cUXO ID	Site Investigation survey Coordinates				Exclusion Zone
		UTM30(N) Easting (m)	UTM30(N) Northing (m)	WGS84 Latitude	WGS84 Longitude	
05/06/2023	LMB 1	512007	6400747	57°44.9201' N	002°47.8968' W	500m

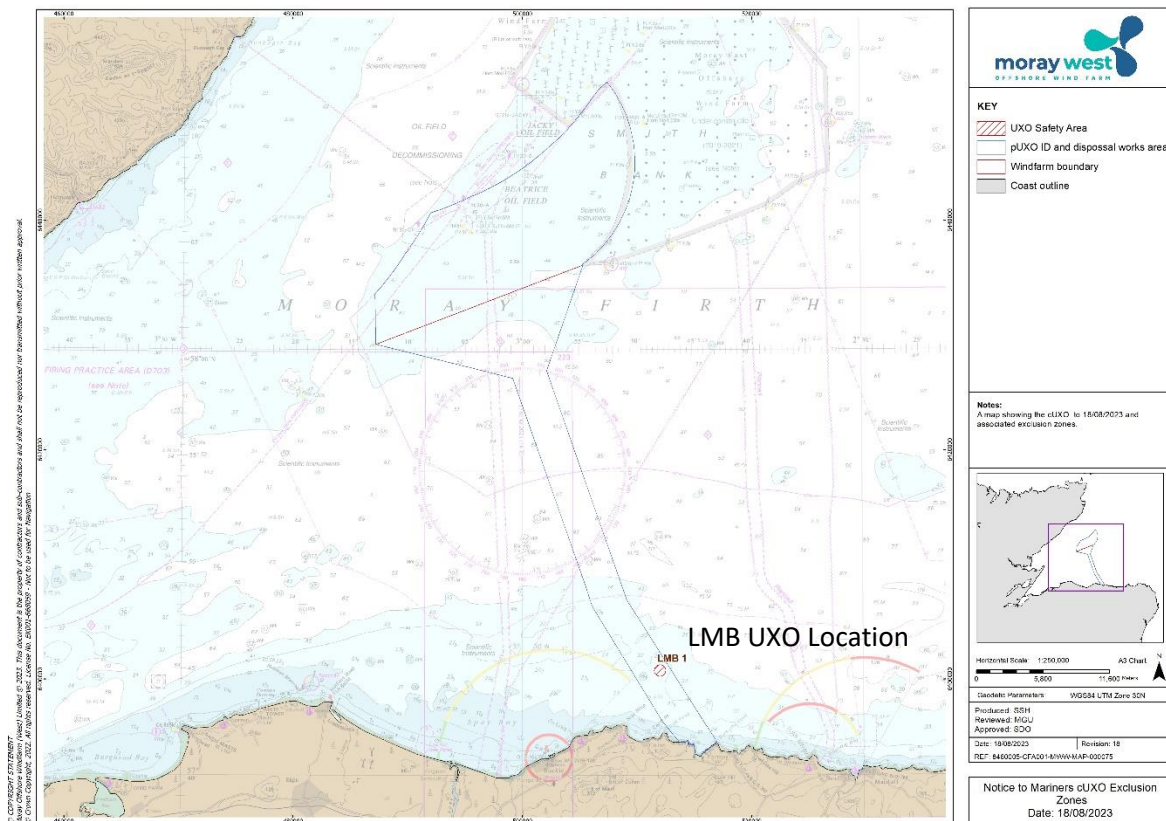


Figure 2. Moray West Wind Farm Site. Location of cUXOs and associated exclusion zones

### 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 V-SAT: 00 31 223705020 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**

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### **Moray West Marine Coordination**

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