

## Notice to Mariners

Confirmed Unexploded Ordnance (cUXO) Disposal Works and Acoustics Research Units (ARUs) deployment locations.

Moray West Offshore Wind Farm

<b>Issue date</b>	31/08/2023
<b>Version</b>	01
<b>Activity</b>	LMB Mine Disposal Works and Underwater Noise Monitoring

### Revision History

<b>Version</b>	<b>Issue Date</b>	<b>Status</b>	<b>Updates</b>
01	31 August 2023	Final	First Issue

# 1. Introduction

This notice to mariners is to inform that Moray Offshore Windfarm (West) Limited (Moray West) will carry out LMB Mine disposal works from a vessel at the Moray West Export Cable Corridor (Further details are provided in NtM 8460005-DBE-MWW-NTM-00066 – Offshore cUXO Diposal Rev17 issued on 25 August 2023).

Moray West will carry out underwater noise measurements during the LMB Mine disposal works.

The disposal works are to take place within the blue boundary shown in the figure below (Figure 1)

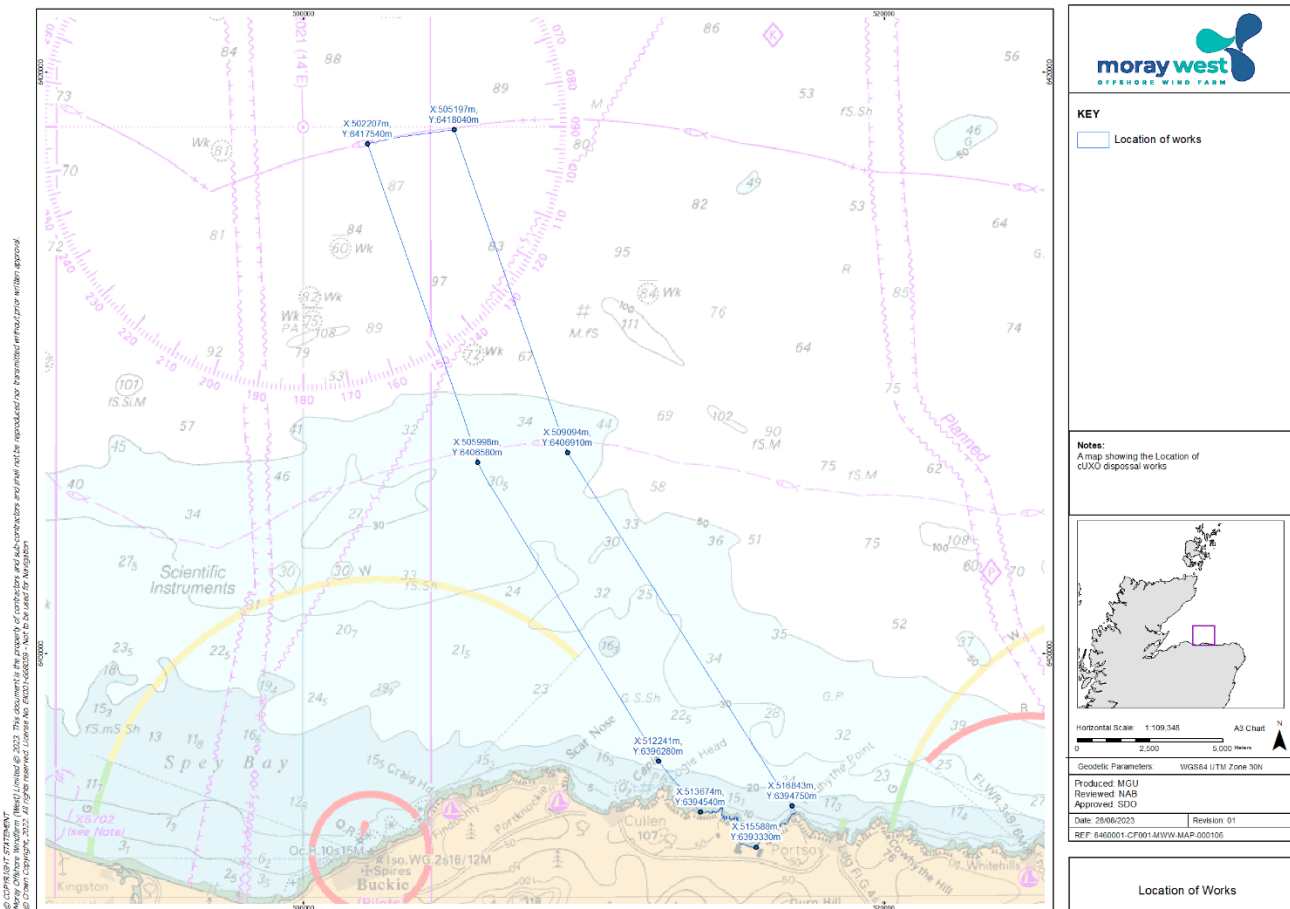


Figure 1. Moray West Wind Farm OfTI Corridor. Location of the LMB Mine Disposal Works

The vessel is expected to arrive on site on 31 August 2023, with the works anticipated to commence no earlier than **1 September 2023**, and work duration is expected to be approximately 2 days.

## 2. LMB Mine Disposal Works and Underwater Noise Monitoring

The coordinates of the LMB Mine is presented in the below Table 1 and in Figure 2:

Table 1. Coordinates of the confirmed UXO (LMB Mine).

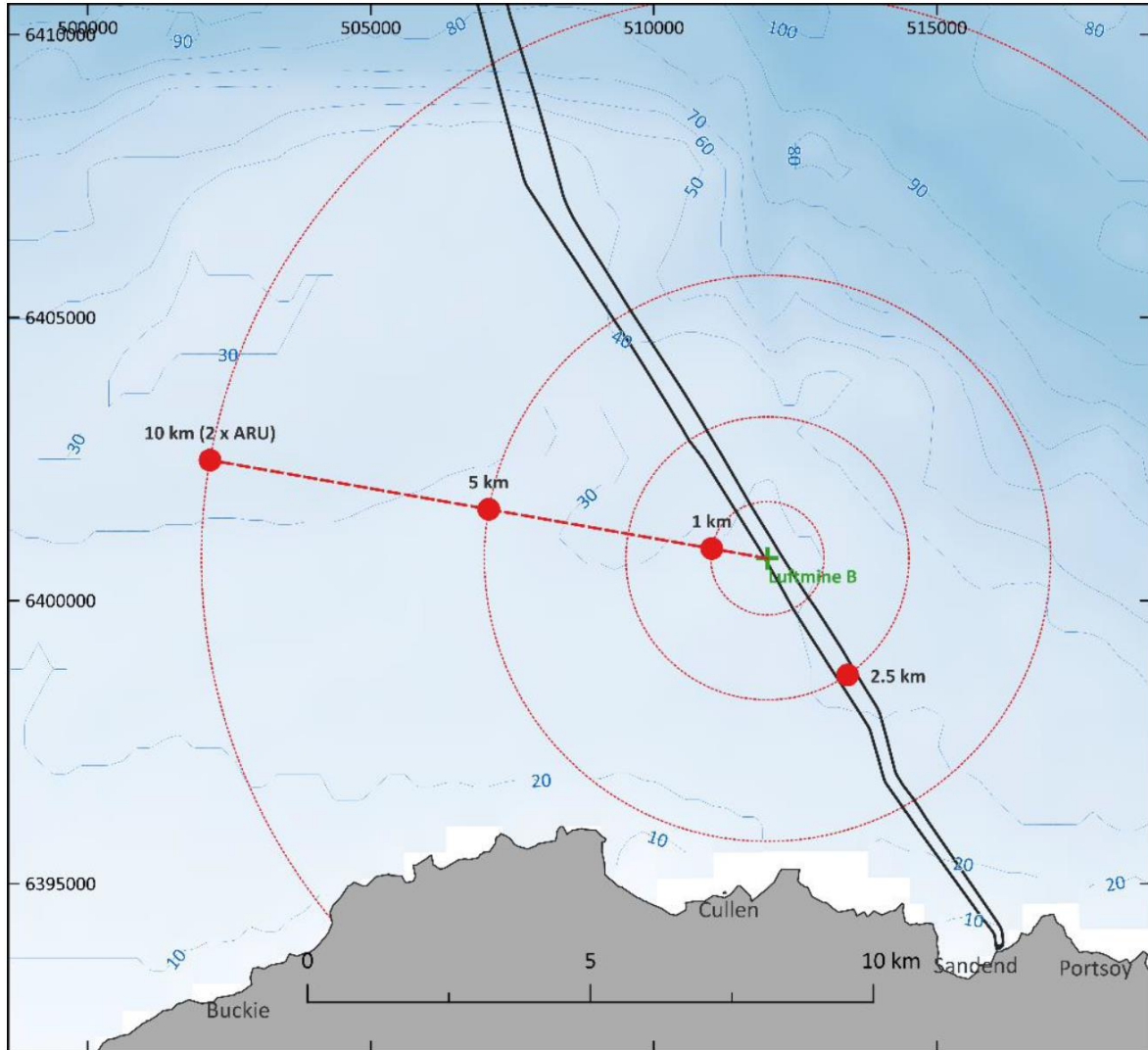
Coordinates of the LMB Mine				
cUXO ID	UTM30(N) Easting (m)	UTM30(N) Northing (m)	WGS84 Latitude	WGS84 Longitude
LMB 1	512007	6400747	57°44.9201' N	2°47.8968' W

Acoustic Recording Units (ARUs) will be deployed prior the LMB Mine disposal works on seabed moorings, at varying distances from the UXO. Three ARUs will be deployed along a single azimuth at approximately 1 km, 5 km and 10 km from the LMB UXO target, and an additional ARU will be deployed at 2.5km from the LMB Mine in nearshore area. The ARUs will be removed following completion of the UXO clearance works.

The coordinates of the ARUs are presented in the bellow Table 2 (the ARU deployment locations are also presented in Figure 2):

Table 2. Coordinates of the Acoustics research units (ARUs).

Coordinates of the Acoustics Research Units (ARUs)						
Deployment Plan	Monitoring Distance	UTM30(N) Easting (m)	UTM30(N) Northing (m)	Longitude	Latitude	Depth
Plan B	2.5km (nearshore)	513423	6398687	-2.774606	57.730122	-32
	1km	511023	6400918	-2.814805	57.750234	-29
	5km	507084	6401613	-2.880968	57.756552	-27
	10km	502160	6402481	-2.963703	57.764402	-32

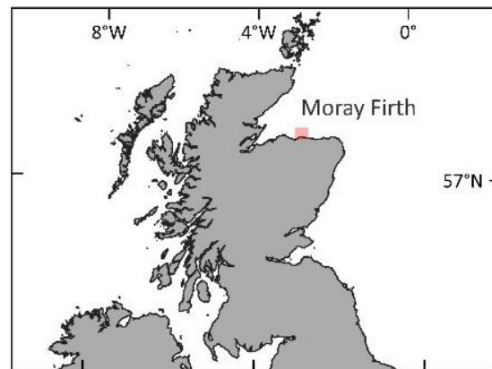


**P1729 EODEX Moray West EOD**  
**Indicative ARU Locations**

**KEY**

- + UXO Luftmine B
- Planned ARU Locations
- - - ARU Azimuth
- ⋯ ARU Location Range Rings
- ▭ Export Corridor

Bathymetry: GEBCO Compilation Group (2022) GEBCO 2022 Grid [last accessed 30-Nov-22].



Scale: 1:100,000  
 Datum: WGS84  
 CRS: UTM 30 N  
 Version: 230830-07



Figure 2. Moray West OTC Corridor. Location of the LMB Mine and ARUs deployment locations

### 3. Vessel Information

LMB Mine disposal works and the deployment/recovery of the ARUs is being carried out by the survey vessel Glomar Wave.

*Table 3. 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 3. 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**

Sandy Douglass (Survey and GIS Manager)  
Address: 144 Morrison St., Edinburgh, EH3 8EX  
Email: [sandy.douglass@oceanwinds.com](mailto:sandy.douglass@oceanwinds.com)  
Tel: +44 (0) 7425 303 698

### **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 <a href="mailto:mcc@moraywest.com">mcc@moraywest.com</a>
Call sign – Moray West Traffic	VTS CH16 & CH87