

Notice to Mariners

Exclusion zones around Confirmed Unexploded Ordnance (cUXOs) -

Moray West Offshore Wind Farm

Issue date	07/07/2023
Version	12
Activity	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.

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 225km². The offshore wind farm site is given in Figure 1:

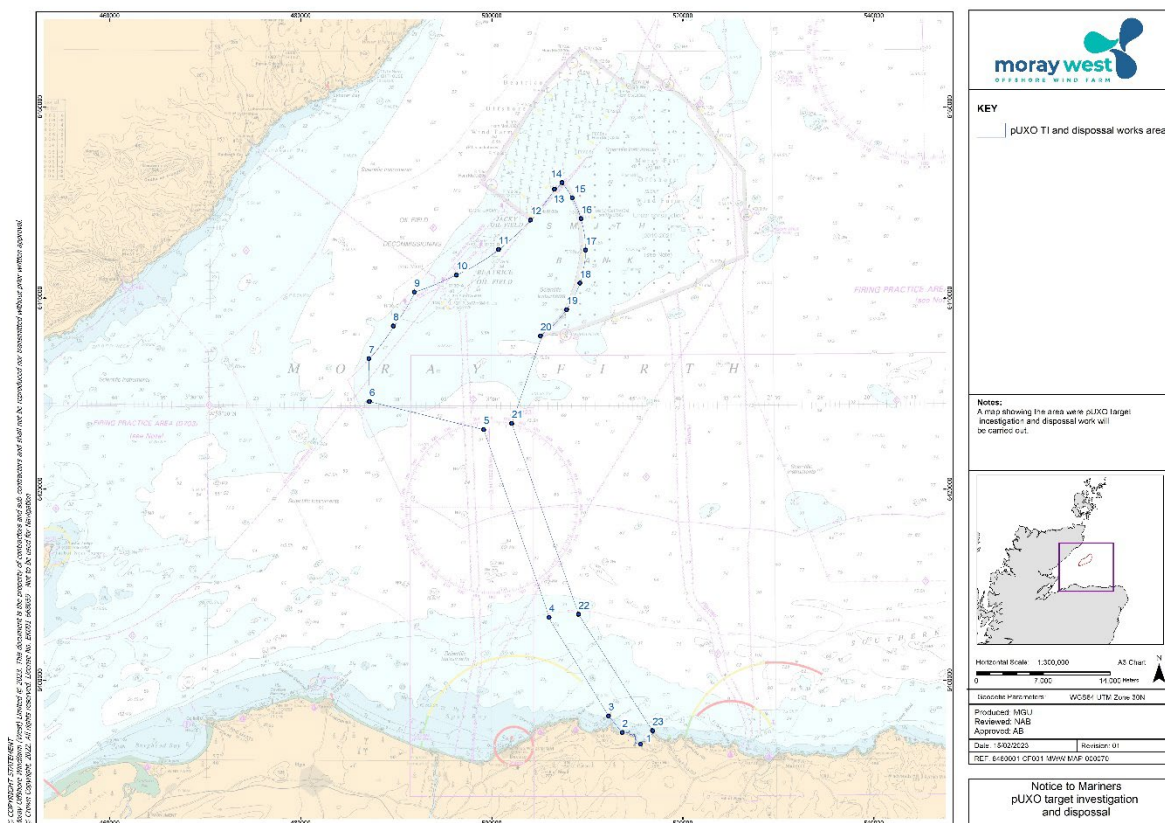


Figure 1. Moray West Wind Farm Site. Location of the works

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 15th 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	
07/04/2023	224	505663	6442153	58° 07.2422' N	002° 54.2324' W	300m
03/04/2023	141	492028	6437882	58° 04.9384' N	003° 08.1105' W	300m
03/04/2023	152	493296	6437732	58° 04.8590' N	003° 06.8209' W	300m
25/03/2023	119	489552	6432294	58° 01.9240' N	003° 10.6150' W	300m
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	115	489151	6431604	58° 01.5516' N	003° 11.0205' 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

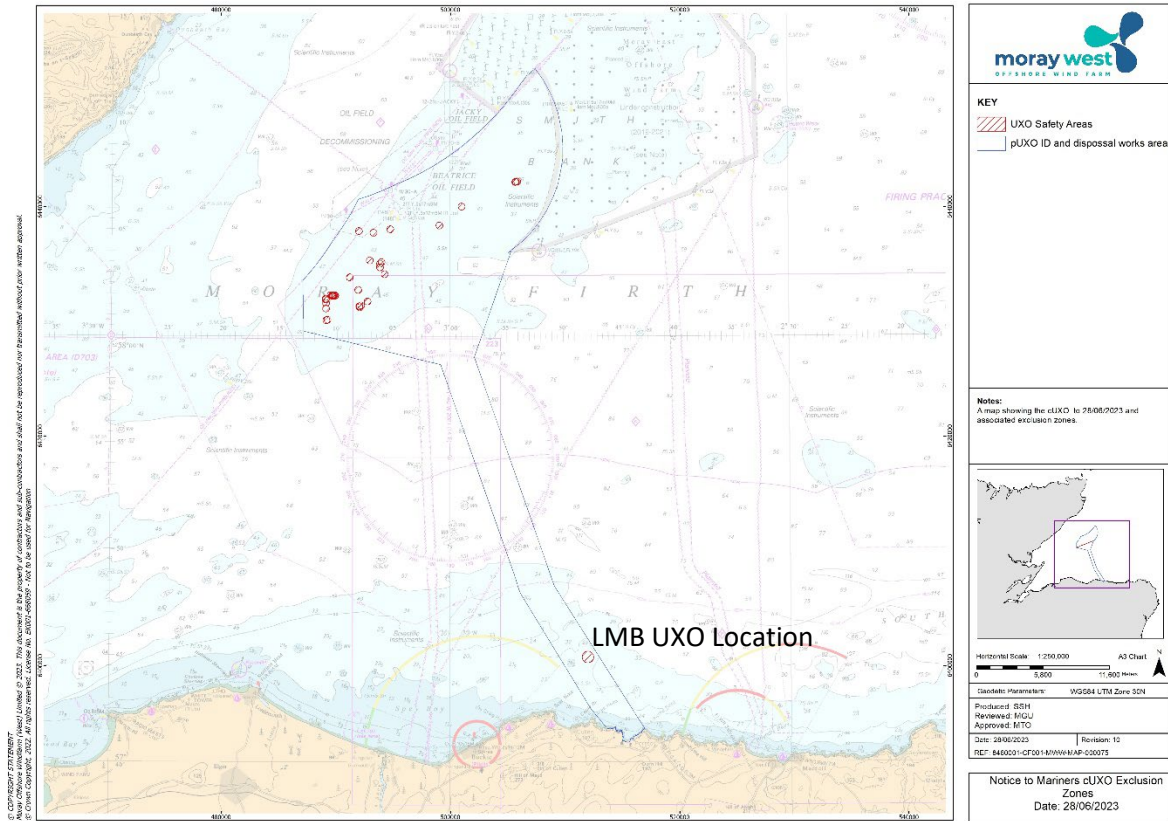


Figure 2. Moray West Wind Farm Site. Location of cUXOs and associated exclusion zones

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

Vessel Name	Glomar Wave
MMSI Number	356301000
Operating Company	Glomar Offshore
Vessel Call Sign	3FXF4
Vessel Phone Number	Ships Mob.: +31647982706 V-SAT: 00 31 223705020 Fleet One: +870773948919
Vessel Email Address	bridge@glomarwave.com



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
Tel: +44 (0) 7595 415305

Consenting

Moray West Development Team
Address: 144 Morrison St., Edinburgh, EH3 8EX
Email: 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
Tel: +44 (0) 1315 567602

Fishing Enquiries

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

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

Moray West Marine Coordination

Marine Coordination	Contact
Marine Coordination – 24hrs	+44 (0) 7774 663504 mcc@moraywest.com
Call sign – Moray West Traffic	VTS CH16 & CH87