

# Notice to Mariners

## Neart na Gaoithe Offshore Wind Farm

### Unexploded Ordnance (UXO) Clearance Activities - Update

Notice Number: 105\_2020

Issue Date: 15/06/2020

Mariners are advised that the survey vessel, *Glomar Wave*, has been progressing the Neart na Gaoithe Offshore Wind Farm unexploded ordnance (UXO) clearance campaign since 3<sup>rd</sup> May 2020. The clearance activities have started in the offshore wind farm area and will be followed by the export cable corridor. Vessels are reminded to remain at least 500 m away from the vessel and at least 1.5 km from the UXO clearance location during detonations.

UXO locations cleared the week commencing 8<sup>th</sup> June 2020 are shown below.

Date	Coordinates (DDM WGS84)		Description	Estimated Net Explosive Quantity (kg)
	Latitude	Longitude		
08/06/20	56° 14.934' N	2° 17.366' W	Operation successful and target area now clear of UXO. Removal of 50 m safety zone	102
09/06/20	56° 14.177' N	2° 17.917' W		102
10/06/20	56° 14.133' N	2° 17.897' W		102
12/06/20	56° 14.632' N	2° 18.527' W		48.3

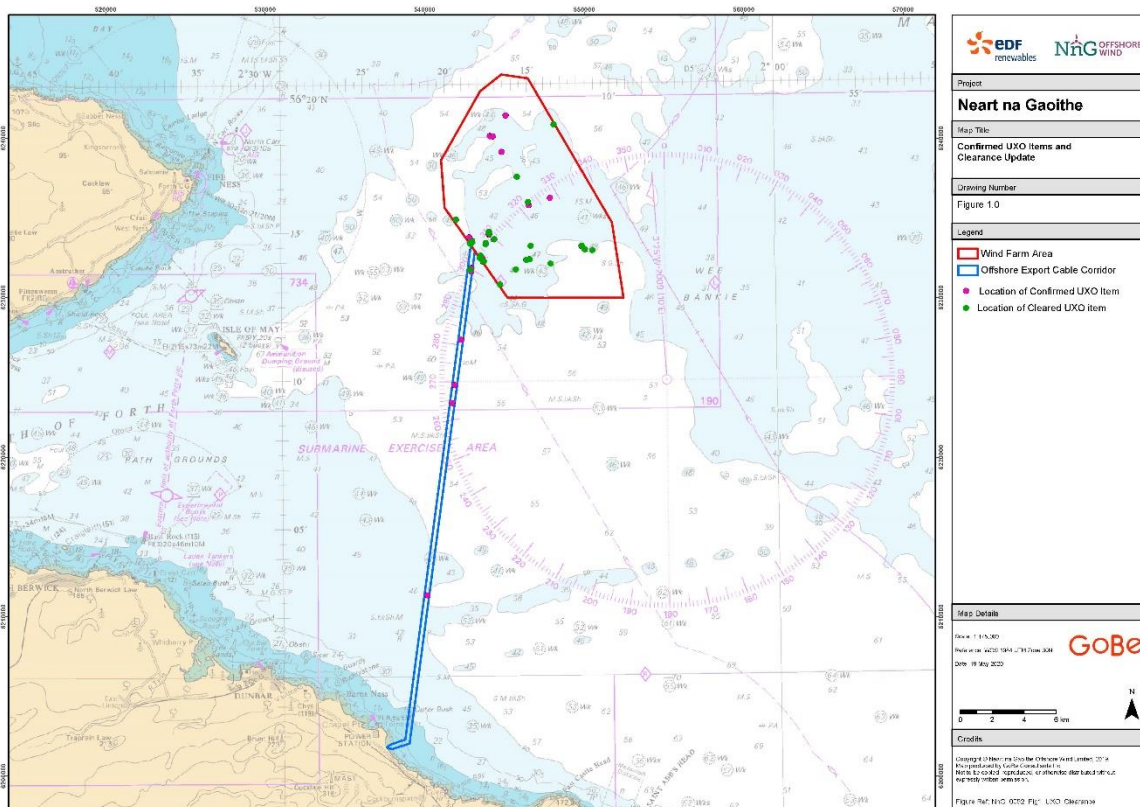


Figure 1 UXO Clearance Campaign Update: Total Clearances to Date

**Vessels**

All clearance procedures are conducted by Remotely Operated Vehicle (ROV) launched by a single dynamically positioned survey vessel, *Glomar Wave*. Upon arrival at each confirmed UXO target, the vessel moves to a standoff position. A small Rigid Hulled Inflatable Boat (RHIB) is launched to conduct the clearance activities.

Visual confirmation and radar, where necessary, are established before any detonations or removal operations take place. Additionally, the vessel is broadcasting Sécurité messages every 30 minutes starting at 2 hours prior to a planned detonation, and then every 15 minutes when within an hour of detonation. The ‘Sécurité’ Message is transmitted on IMM VHF Channel 16.

The vessel is operational 24/7 however clearance activities only take place in daylight hours. A guard vessel, either the *Seagull*, *Tranquillity S* or the *Artemis*, is also be on site at all times. Further vessel details are provided on Pages 4 - 5.

**Area of Operations**

The confirmed UXO items are contained within the Offshore Wind Farm Area and Export Cable Corridor boundaries, defined by the following WGS84 coordinates:

Longitude (DD MM.MMM)	Latitude (DD.MM.MMM)
Wind Farm Area	
56° 15.271' N	002° 09.898' W
56° 12.721' N	002° 09.255' W
56° 12.752' N	002° 13.998' W
56° 12.766' N	002° 16.293' W
56° 15.479' N	002° 19.628' W
56° 15.827' N	002° 20.055' W
56° 17.430' N	002° 20.232' W
56° 19.752' N	002° 17.826' W
56° 20.312' N	002° 16.518' W
56° 20.171' N	002° 14.910' W
Export Cable Corridor	
56° 14.546' N	002° 18.479' W
56° 14.349' N	002° 18.237' W
55° 57.866' N	002° 22.729' W
55° 57.734' N	002° 22.472' W
55° 57.693' N	002° 23.636' W
55° 57.541' N	002° 23.539' W
55° 57.609' N	002° 23.820' W
55° 57.584' N	002° 23.802' W

The full list of clearance items found is presented in the table below.

NtM Notice No.	Coordinates (Latitude)	Coordinates (Longitude)	Description
020_2019	56° 13.21045 N	2° 16.73616 W	15" Naval Shell
021_2019	56° 13.429732 N	2° 15.453504 W	8" Projectile
023_2019	56° 14.34522 N	2° 11.11815 W	6" Projectile
024_2019	56° 14.37707 N	2° 11.57306 W	4" Projectile
025_2019	56° 14.48747 N	2° 11.76423 W	15" Projectile (possibly HE)

026_2019	56° 14.06320 N	2° 14.93844 W	15" Projectile
029_2019	56° 14.03760 N	2° 15.14033 W	20mm Anti-Aircraft Ammunition (AAA)
030_2019	56 14.01123 N	2° 17.72437 W	4" Projectile HE
031_2019	56° 14.12306 N	2° 17.81835 W	15" Projectile
032_2019	56° 14.10812 N	2° 17.81285 W	15" Projectile
033_2019	56° 14.113 N	2° 17.828 W	15" Projectile
034_2019	56° 14.133 N	2° 17.897 W	15" Projectile
035_2019	56° 14.1765048 N	2° 17.9167866 W	15" Projectile
036_2019	56° 14.6277208 N	2° 17.6082043 W	20mm Anti-Aircraft Ammunition (AAA)
037_2019	56° 14.60033 N	2° 17.58021 W	15" Projectile
038_2019	56° 14.84674 N	2° 17.40434 W	Explosive Remnant of War (ERW)
039_2019	56° 14.9073971 N	2° 17.3861679 W	15" Projectile
040_2019	56° 14.9341787 N	2° 17.3654347 W	15" Projectile
041_2019	56° 14.7492975 N	2° 17.0781271 W	15" Projectile
043_2020	56° 14.5093082 N	2° 14.8514526 W	2.5" Rocket
044_2020	56° 15.4152792 N	2° 19.3668157 W	15" Projectile
045_2020	56° 16.8536208 N	2° 15.6541180 W	15" Projectile
047_2020	56° 14.58767 N	2° 17.22961 W	15" Naval Projectile
048_2020	56° 15' 53.21 N	2° 14' 55.95 W	8" Naval Projectile
048_2020	56° 16' 488.25 N	2° 15' 501.40 W	15" Naval Projectile
049_2020	56° 18' 36.245 N	2° 13' 22.477 W	8" Naval Projectile
050_2020	56° 18' 55.533 N	2° 16' 17.618 W	Buoyant Mine (Charge Case exposed)
052_2020	56° 14.69842 N	2° 18.40458 W	15" Projectile
053_2020	56° 14.70611 N	2° 18.45317 W	15" Projectile
054_2020	56° 14.66948 N	2° 18.40697 W	15" Projectile
058_2020	56° 14.6413 N	2° 18.4767 W	15" Projectile
059_2020	56° 14.63158 N	2° 18.52740 W	10" Projectile
060_2020	56° 14.61596 N	2° 18.50863 W	15" Projectile
063_2020	56° 13.5416 N	2° 13.3851 W	Sections of Torpedo
070_2020	56° 02.742648 N	2° 21.317846 W	15" Projectile
071_2020	56° 13.468 N	2° 18.2754 W	15" Projectile
072_2020	56° 13.4400 N	2° 18.315 W	15" Projectile
073_2020	56° 13.3999 N	2° 18.2905 W	15" Projectile
074_2020	56° 11.2123 N	2° 19.0790 W	8" Projectile
075_2020	56° 09.82337 N	2° 19.57302 W	Anti-Submarine Paravane
076_2020	56° 09.135 N	2° 19.424 W	15" Projectile
079_2020	56°14.823'N	02°18.578'W	12" Projectile
080_2020	56°14.005'N	02°17.756'W	8" Projectile
081_2020	56°16.128'N	02°13.657'W	6" Projectile
082_2020	56°17.700'N	02°16.572'W	12" Projectile
083_2020	56°18.232'N	02°17.250'W	3 x 250lb Bombs
084_2020	56°18.239'N	02°17.258'W	250lb Bomb
084_2020	56°18.238'N	02°17.260'W	250lb Bomb
084_2020	56°18.234'N	02°17.257'W	250lb Bomb
084_2020	56°18.233'N	02°17.259'W	250lb Bomb
084_2020	56°18.234'N	02°17.261'W	250lb Bomb
085_2020	56°18.225'N	02°17.074'W	15" Projectile

### Schedule

The UXO clearance campaign commenced on Sunday 3<sup>rd</sup> May 2020 and is expected to be completed by 30<sup>th</sup> June 2020, dependent on weather.

### Vessel Details

The UXO clearance vessel is:

- *Glomar Wave*, call sign 3FXF4;

The campaign is supported by a guard vessel. The guard vessel is either:

- *Artemis*, call sign MVIX5; or
- *Tranquillity S*, call sign MJUH9; or
- *Seagull*, call sign MVBO2.



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UXO Clearance Vessel: *Glomar Wave*



Guard Vessel: *Artemis*





Guard Vessel: *Seagull*



Guard Vessel: *Tranquillity S*

**Port of Operation**

Port of Dundee

**Contacts**

***Neart na Gaoithe Offshore Wind Limited and Company Fisheries Liaison Officer (CFLO):***

Peter Berney:

- Tel: +44 (0) 7391 402387
- Email: [NnG.FLO@naturalpower.com](mailto:NnG.FLO@naturalpower.com)

***Guard Vessel:***

The Guard Vessel is present on site whilst the vessel is operating to ensure minimal disruption and that vessels maintain an appropriate and safe distance.

The Guard Vessels can be contacted as below, if required:

*Seagull:*

- Via VHF radio channel 16
- Tel: - +44 (0) 1261 878040 / +44 (0) 7895 919100
- Email: [seagullbf74@gmail.com](mailto:seagullbf74@gmail.com)

*Artemis:*

- Via VHF radio channel 16
- Tel: +44 (0) 7949 663790 / +44 (0) 1261 455461
- Email: [concordebf47@aol.com](mailto:concordebf47@aol.com)

*Tranquillity S:*

- Tel: - +44 (0) 1346 454758
- Email: [spousekeil@yahoo.com](mailto:spousekeil@yahoo.com)

***Marine Co-ordination Centre:***

- Tel: 07508421406 (this number is manned 24/7)

**SMC**

*Specialist Marine Consultants Ltd*

**Circulation List**

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