

Notice to Mariners

Neart na Gaoithe Offshore Wind Farm – UXO Clearance Activities - Update

Notice Number: 100_2020

Issue Date: 08/06/2020

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 3rd 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 1st June 2020 are shown below.

| Date | Coordinates (DDM WGS84) | | Description | Estimated Net Explosive Quantity (kg) |
|----------|-------------------------|--------------|--|---------------------------------------|
| | Latitude | Longitude | | |
| 02/06/20 | 56° 14.907' N | 2° 17.386' W | Operation successful and target area now clear of UXO. Removal of 50 m safety zone | 102 |
| 04/06/20 | 56° 14.600' N | 2° 17.580' W | | 102 |
| 07/06/20 | 56° 15.415' N | 2° 19.367' W | | 102 |
| 07/06/20 | 56° 14.749' N | 2° 17.078' W | | 48.3 |

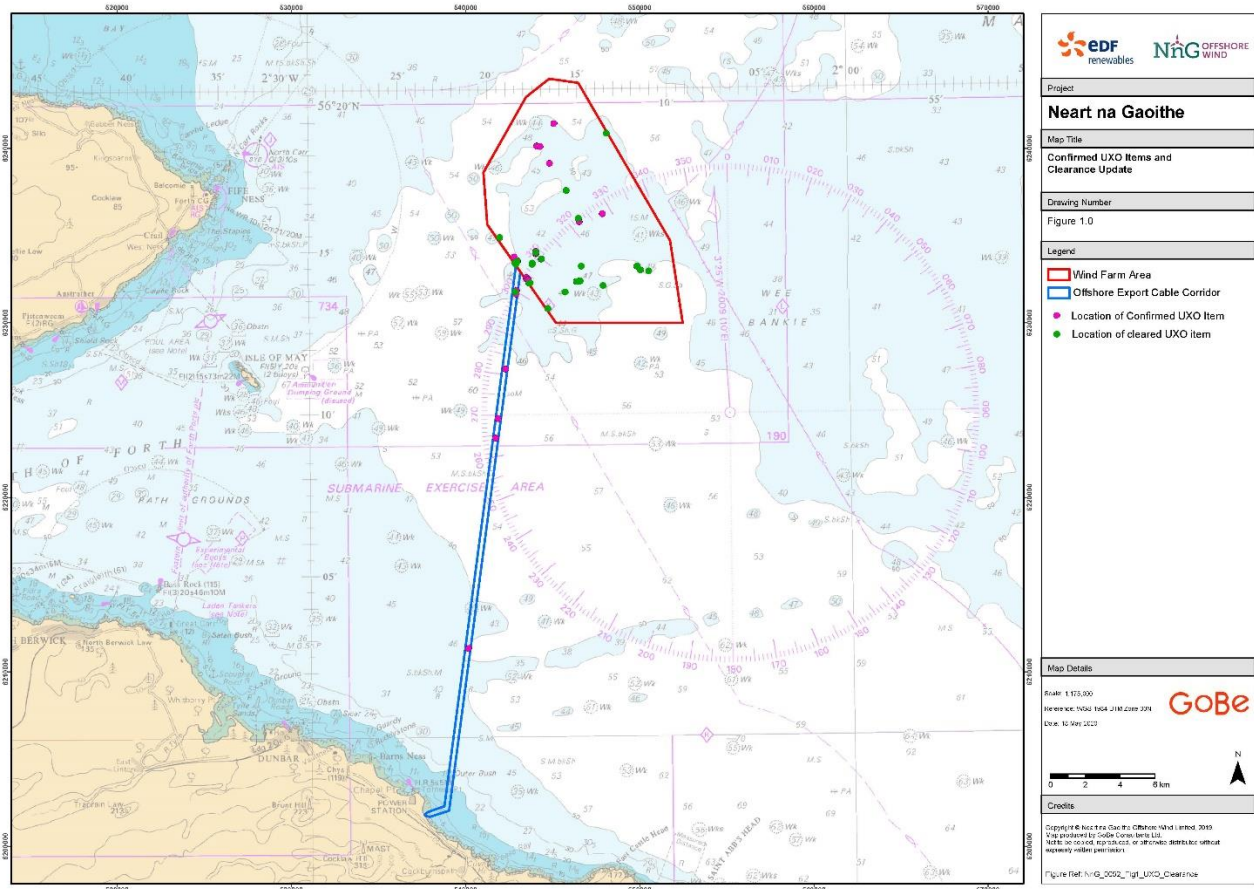


Figure 1 UXO Clearance Campaign Update: Total Clearances to Date

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 3rd May 2020 and is expected to be completed by 30th 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

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

Artemis:

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

Tranquillity S:

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

Marine Co-ordination Centre:

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

SMC

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