

Notice to Mariners

Neart na Gaoithe Offshore Wind Farm

Unexploded Ordnance (UXO) Clearance Activities - Update

Notice Number: 112_2020

Issue Date: 06/07/2020

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 are ongoing in the offshore wind farm area and 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 29th June 2020 are shown below.

Date	Coordinates (DDM WGS84)		Description	Estimated Net Explosive Quantity (kg)
	Latitude	Longitude		
29/06/20	56° 16.1278' N	2° 13.6566' W	Operation successful and target area now clear of UXO. Removal of 50 m safety zone	6.5
29/06/20	56° 14.1078' N	2° 17.8150' W		102
02/07/20	56° 9.8233' N	2° 19.5726' W		36

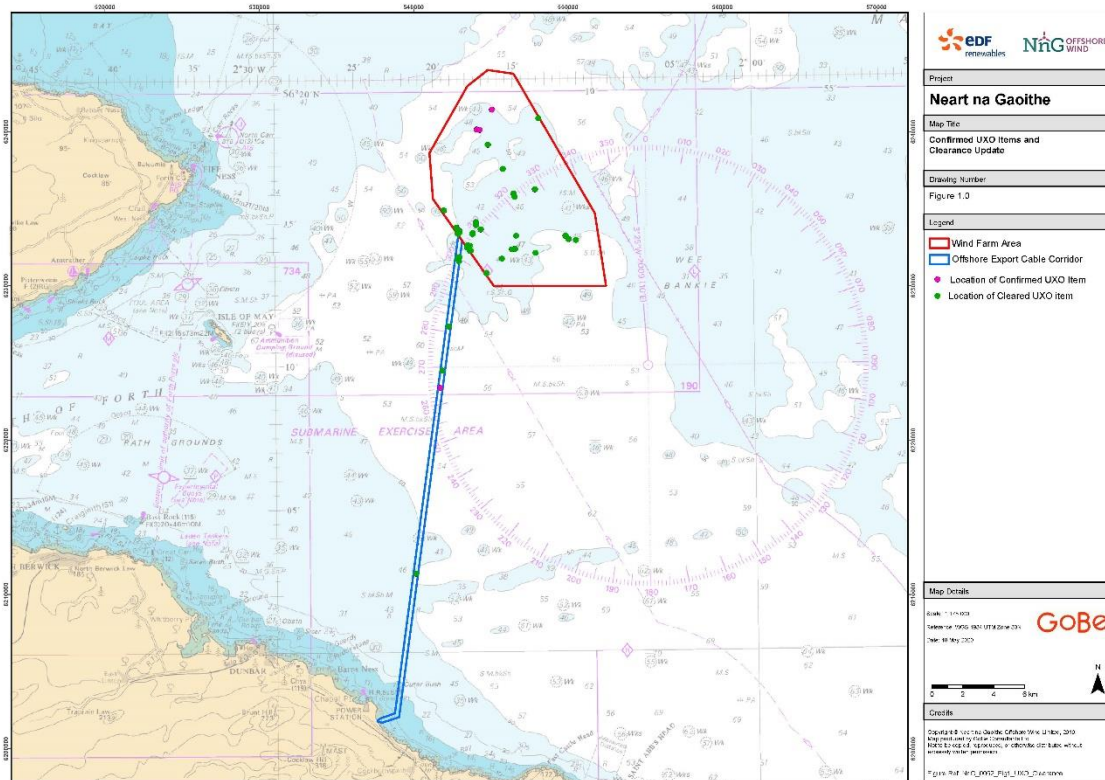


Figure 1 UXO Clearance Campaign Update: Total Clearances to Date

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 13th July 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.



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: concordeb47@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

Specialist Marine Consultants Ltd

Circulation List

Organisation	Name
Northern Lighthouse Board	General Email Contact
UK Hydrographic Office	NtM UKHO
	Offshore Energy UKHO
	Nav Warnings UKHO
	HDC Files UKHO
	SDR UKHO

Organisation	Name
Kingfisher	General Email Contact
Maritime and Coastguard Agency	Aberdeen Coastguard
	MCGA
	Watch Manager Aberdeen
	Watch Manager Forth
	National Maritime Operations Centre
Anglo-Scottish Fishermen's Association	Sandy Ritchie
Anstruther fisherman	Graham Irvine
	Andrew Tod
Arbroath fisherman	John Swankie
Cockenzie and Port Seton Fishermen's Association	Jacqui Karakaya
Communities Inshore Fisheries Alliance	Elaine Whyte
Cove fishermen	Neil Barnard
Crail Fisheries Association	Gordon Lockhart
Dunbar fisherman	Stevie Stanulis
Dunbar Fishermen's Association	Susan Gray
Eyemouth Fishermen's Association	Bruce Marshall
Eyemouth FMA	Douglas Anderson
Fife Creel Association	John Hoggan
Fisheries offices	Anstruther
	Eyemouth
	Fraserburgh
	Aberdeen
	Peterhead
North and East Coast IFG	Iain Maddox
North Berwick fishermen	Jack Dale
Northern Producers' Organisation	General email contact
Pittenweem Fishermen's Mutual Association	Tom McKenzie
	John Davidson
	Stephen Small
Scallop Association	Iain Spear
Scottish Creel Fishermen's Federation	Alistair Sinclair
Scottish Fishermen' Organisation	General email contact
Scottish Fishermen' Organisation - Fraserburgh	Dale Bellamy
Scottish Fishermen' Organisation - Mallaig	Frank Stride
Scottish Fishermen' Organisation - Peterhead	Paul Fletcher
Scottish Fishermen' Organisation - Peterhead	Peter Smith
Scottish Fishermen's Federation	Malcolm Morrison
	Andrew Third
Scottish White Fish Producers Association	Femke de Boer
South East Inshore Fishermen's Association	Quentin Dimmer
St Andrews Fishermen's Association	Andrew Whiston
Under 10m Association	Sandra Turnbull

Organisation	Name
Crown Estate Scotland	Sian Wilson
	Mark McKean
SSE	Nick Brockie
Red Rock Power	Andrew Blyth
	Ben King
MS-LOT	MS LOT Renewables
	Jessica Wilson
	Sophia Irvine
Royal Yachting Association Scotland	Pauline McGrow
Cruising Association	Ted Osborn
	Office
Aberdeen Harbour	Harbour Master
Angus Harbour	Harbour Master
Arbroath Harbour	Harbour Master
Dunbar Harbour Trust	General email contact
Forth Ports	Forth and Tay Navigation Service
	VTS Operator
	Marketing
Forth Ports - Port of Leith	Ashley Nicholson
Fraserburgh Harbour	Harbour Master
Montrose Port Authority	Montrose Port
Peterhead Port Authority	Iain Laidlaw
Port of Dundee	Port Manager
Near na Gaoithe Offshore Wind Limited	Martin Malone
	Richard Cattermole
	Jed Mawson
	Kevin Tyrens
	Lindsay Southworth
	Rosie Scurr
	Fiona Grubb
	Claire Gilchrist
	David Sweeney
	Mick Hoyle
	Peter McCusker
	Kevin Tyrens
Operations	
Fletcher Group	Operations Department
Hughes Subsea	Bob Kingdom
	Alan Picken
NnG Client Representative	Glomar Wave Client Representative Kristiansand Client Representative