

Notice to Mariners No 21 / 2017

Blyth Offshore Demonstrator Project

24th August 2017

BOD-101-04-SMC-NTM-00039-A-01

Construction Update

Anchoring, GBF Ballasting, Scour Protection and Cable Laying & Burial

Please be advised of the following activities proposed to be undertaken at the Blyth Offshore Demonstrator (BOD) Project.

Please note - All mariners are requested to maintain a minimum 500m safety zone around each turbine location indicated in Chart 1 and Table 1.

Chart 1 - Array 2 Site and Turbine/GBF Locations

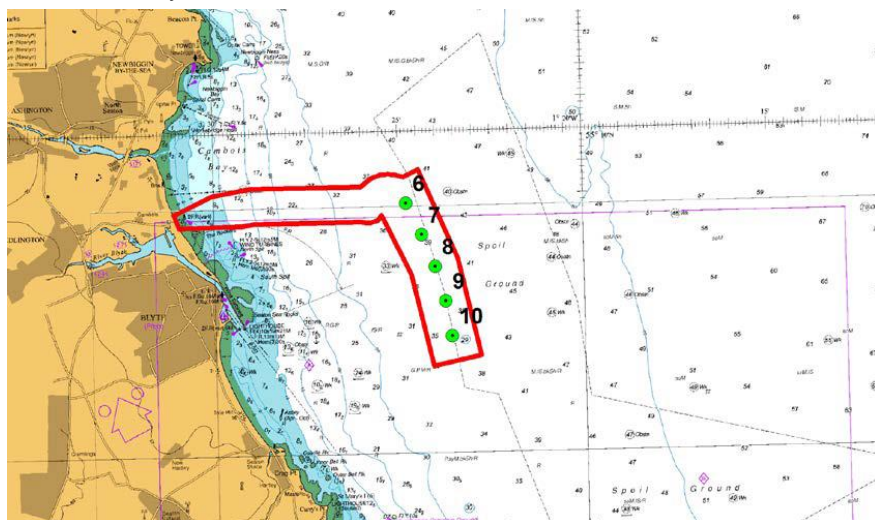


Table 1 - Turbine Placement Locations

Location	Position	
GBF Location 6	N55°08.8702'	W001°24.7913'
GBF Location 7	N55°08.3793'	W001°24.3781'
GBF Location 8	N55°07.8805'	W001°24.0344'
GBF Location 9	N55°07.3406'	W001°23.7706'
GBF Location 10	N55°06.7974'	W001°23.6067'

Activity 1: Anchor Pre-installation works

Please be advised that anchor pre-installation works will be continuing on the BOD Project Array 2 site.

Anchor installation works are being undertaken at GBF Locations 8 and 9 the Array 2 site as marked with cardinal buoys. Anchors are expected to remain until on or around the end of August 2017.

The vessels request a 500m safety zone and can be contacted on VHF 16 when on location.

BOD-101-04-SMC-NTM-00039-A-01



Notice to Mariners No 21 / 2017

Blyth Offshore Demonstrator Project

24th August 2017

BOD-101-04-SMC-NTM-00039-A-01

Anchors will be indicated with buoys while present on the seabed within the Array 2 site for which a 500m safety zone is requested around each turbine position.

The **current installation programme** of anchors is in Table 2 below.

Table 2: Anchor Placement Indicative Timetable

Installation	Location within Array
Currently Installed	Location 9 (for Sand Barge)
Currently Installed	Location 8 (for Sand Barge)

Activity 2: Ballasting of Gravity Based Foundations

Sand ballasting operations are continuing at GBF Locations 8 and 9 until on or around the end of August 2017.

The ballasting will be performed from a sand barge which is anchored in the vicinity of Locations 8 and 9 within the Array 2 site. The barge will be mobilised from Port of Blyth and towed to site by seagoing tugs accompanied by additional vessels.

A safety zone of 500m is requested around the barge at all times. Operations can be contacted on VHF 16 whilst on Site

Regular Crew Transfer Operations will take place between the Array 2 Site and Port of Blyth during the installation operations.

Ballasting operations are expected to be completed within 5 days (for each location), subject to weather, followed by demobilisation works at each GBF Location within the Array 2 Site.

Transit Routes

Chart 2 details the indicative transit routes for vessels conducting the ballasting and crew transfer operations from Port of Blyth. Vessels will use the shortest navigable route from the port to the site, making best efforts to avoid any conflicts with inshore fishing activity.

BOD-101-04-SMC-NTM-00039-A-01

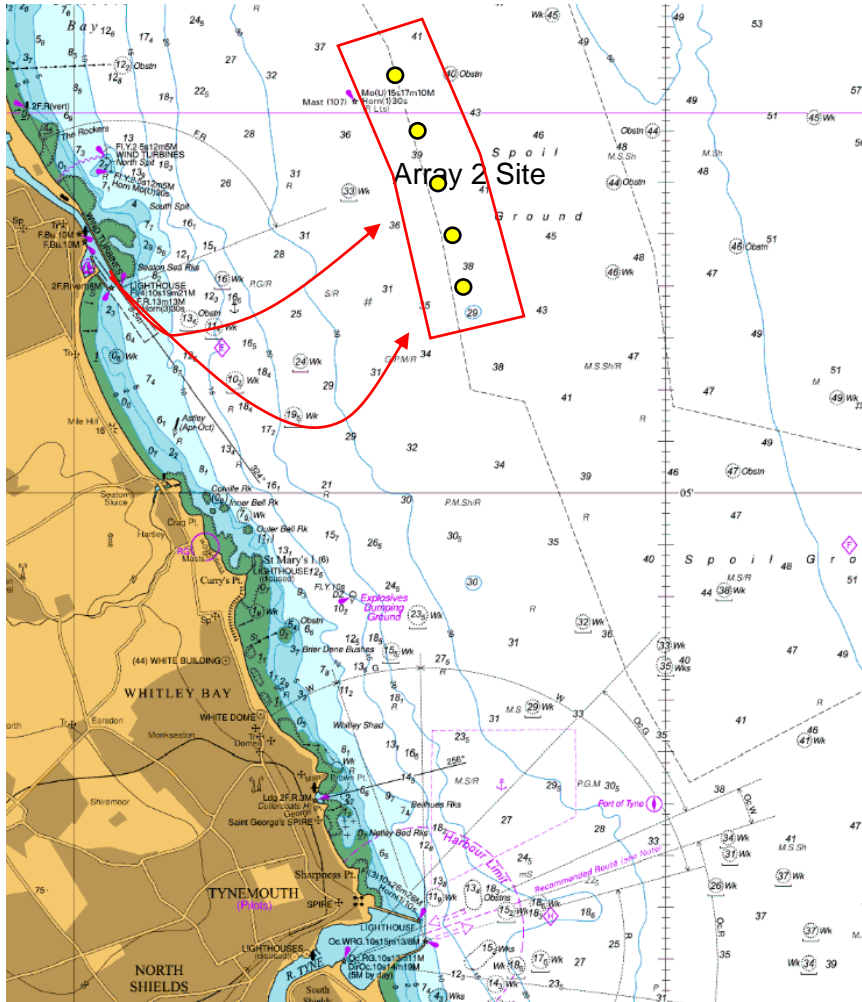
Notice to Mariners No 21 / 2017

Blyth Offshore Demonstrator Project

24th August 2017

BOD-101-04-SMC-NTM-00039-A-01

Chart 2 - Array 2, with indication of main navigation routes to site.



Vessel Details for Activities 1 & 2

Vessel name	En Avant 1, Harbour and Seagoing Tug
IMO No.	9408645
Call sign	PHDP
Vessel Master	R. van Gorp / M. Boomstra

Vessel name	En Avant 10, Harbour and Seagoing Tug
IMO No.	9264386
Call sign	PCPP
Vessel Master	N. Sandifort / A. Krug

BOD-101-04-SMC-NTM-00039-A-01

Notice to Mariners No 21 / 2017
Blyth Offshore Demonstrator Project
24th August 2017

BOD-101-04-SMC-NTM-00039-A-01

Vessel name	Multrasalvor 3, Multi-Cat
IMO No.	9635975
Call sign	PCID
Vessel Master	W. Steyaert / R. de Muynck

Vessel name	Multratug 4, Tug and Anchor Handling
IMO No.	9360582
Call sign	PDBV
Vessel Master	P. Bek / J. Bakker

Vessel name	ICENI Courage, Crew Transfer Vessel
Call sign	2EIU7
Vessel Master	P. Hanscombe

Vessel name	ICENI Spirit, Crew Transfer Vessel
Call sign	2DCF8
Vessel Master	N. Brodigan / D. Carson

Vessel name	MPI Rucio, Crew Transfer Vessel
Call sign	2CVW7
Vessel Master	Gordon Connor

Activity 3: Scour Protection

Please be advised that the *Nordnes* (flexible fallpipe vessel) shall be operating on the Array 2 site from on or around 26th August 2017 (for an estimated five days, excluding weather). Scour protection works i.e. placement of a layer of protective stone around the base of the foundations, will be undertaken in the vicinity of the five proposed turbine locations detailed above in Table 1.

A 500m safety zone around the vessel is requested at all times and can be contacted on VHF 16 when on location.

Vessel Details for Activity 3

Name	Nordnes Flexible Fallpipe Vessel
IMO	9229910
Call sign	PHOG
Masters	Eelco Laurens Roos Kees van Dalen 0615.cpt@vanoord.com Tel: +31888263830)



Notice to Mariners No 21 / 2017
Blyth Offshore Demonstrator Project
24th August 2017

BOD-101-04-SMC-NTM-00039-A-01

Activity 4 – Export and Array Cable Laying and Burial

From on or around 29th August the *Ndurance* (cable lay vessel) will be operating in the Array 2 site laying and burying the export cable. The vessel will initially be simultaneously laying and burying the export cable from the shore end near Cambois to GBF Location 6. The *Ndurance* will be supported by the *Torsten* and the *Sea Alpha* (anchor handling tugs). The vessel will then lay the inter-array cable starting at GBF Location 6 on or around 4th September 2017 finishing at GBF Location 10 on or around 12th September, subject to weather. During this time the *MCS Coromell* (crew transfer vessel) will be operating from the Port of Blyth to the Array 2 site to support cable operations.

A 500m safety zone around the vessels is requested at all times and they can be contacted on VHF 16 when on location. When working on the inter-array cable between GBF Locations 6 – 10 it is requested that a **500m safety zone is maintained at all times** from the vessels, GBF Locations and from the areas directly between GBF Locations.

Vessel Details for Activity 4



Vessel name	Ndurance, cable lay vessel
Owner/Operator	Royal Boskalis Westminster N.V.
IMO No.	9632466
Call sign	5BVH3
Vessel Master	Rolf Benders

Vessel name	Torsten, anchor handling tug
Owner/Operator	Sleepdienst H. Schramm BV
IMO No.	9623142
Call sign	PCLE
Vessel Master	Andreas Schmidt

Vessel name	Sea Alpha, anchor handling tug
Owner/Operator	Seacontractors
IMO No.	9466271

Notice to Mariners No 21 / 2017
Blyth Offshore Demonstrator Project
24th August 2017



[BOD-101-04-SMC-NTM-00039-A-01](#)

Call sign	PHSA
Vessel Master	André Rox

Vessel name	MCS Coromell, crew transfer vessel
Owner/Operator	Maritime Craft Services
IMO No.	9694177
Call sign	2GMB5
Vessel Master	Sean Harley

Fisheries Liaison Contact

Specialist Marine Consultants is the appointed Fisheries Liaison Coordinator and can be contacted as follows:

Simon Prince – Fisheries Liaison Co-ordinator
Specialist Marine Consultants Ltd
+44 (0) 7920 273866
Email: simonp@smchse.com

John Armstrong- Fishing Industry Representative
Specialist Marine Consultants Ltd
+44 (0) 7498 318694
Email: smcflo@smchse.com

[BOD-101-04-SMC-NTM-00039-A-01](#)