



Notice to Mariners No 1 / 2017

Blyth Offshore Demonstrator Project-

11th January 2017

BOD-101-04-SMC-NTM-00019-A-01

1) Aids to Navigation – Blyth Offshore Windfarm Site

It is a requirement of the authorities that the BOD offshore site is marked with the appropriate Aids to Navigation, in this respect the work listed below is due to be carried out as described below.

On behalf of BODL, Trinity House will deploy the following buoys on, or about, the 18th January 2017;

- BLYTH D NE - North Cardinal Pillar Buoy, in position Lat 55° 09.156'N., Long 001° 24.290'W with a north cardinal shaped topmark, exhibiting a V Q light character.
- BLYTH D NW - North Cardinal Pillar Buoy, in position Lat 55° 09.156'N., Long 001° 25.291'W with a north cardinal shaped topmark, exhibiting a Q light character.
- BLYTH D E - East Cardinal Pillar Buoy, in position Lat 55° 07.881'N., Long 001° 23.358'W with an east cardinal shaped topmark, exhibiting a V Q (3) 5s light character.
- BLYTH D W - West Cardinal Pillar Buoy, in position Lat 55° 07.880'N., Long 001° 24.741'W with a west cardinal shaped topmark, exhibiting a Q (9) 15s light character.
- BLYTH D SE - South Cardinal Pillar Buoy, in position Lat 55° 06.511'N., Long 001° 23.105'W with a south cardinal shaped topmark, exhibiting a V Q (6) + L FI 10s light character.
- BLYTH D SW - South Cardinal Pillar Buoy, in position Lat 55° 06.511'N., Long 001° 24.106'W with a south cardinal shaped topmark, exhibiting a Q (6) + L FI 15s light character.

As with other pre-construction activities, vessels are requested to keep safe distance of at least 500m during these operations.

2) Vessel Details

The vessel used in the deployment of these Cardinal Buoys is as follows:

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THV Patricia – Specification

Port of Registry	London	WORKBOATS	HYDROGRAPHIC SURVEY
Year Built	1982	9m heavy duty workboats x 2	Kongsberg EA 400SP 38/200KHz
Call Sign	GBTH	RIB 5.4m 50hp	Geo Acoustics Side Scan Sonar 2094
Length Overall	86.3m	CRANES	SIMRAD EA500, Side Scan
Breadth Moulded	13.8m	Speed crane 20t SWL (offshore)	COMMUNICATION
Depth Moulded	6.9m	Stores Crane 1t	GMDSS Area 2
Draft	4.4m	CAPSTANS & WINCHES	Satcoms – Sat-C V-sat 4003 Broadband
Air Draft	32.0m	2 x 14t max pull – chain to 44mm	Sailor SC4000 Iridium, Nera Sat-B
Service Speed	12kts	Towing Winch 30t max pull	VHF R/T DSC – Sailor RT 5022
Fuel Consumption at 12kts	500ltrs/hr	DECK FACILITIES	MF/HF SSB – Sailor HC4500
Bunker Capacity	404t	Main Deck Area – 80m ²	NavtexRx – JRC NCR 333
Fresh Water	283t	Pressure Wash – 350bar/5000psi	Internet Access points – all cabins
Endurance	21 days	Tween Deck – Storage & workshops	NAVIGATION EQUIPMENT
Bollard Pull	28t	Hold – Storage & load handling	ECDIS – Sperry VisionMaster FT
PROPULSION – MACHINERY		ACCOMMODATION	Radars – Decca Marine Bridge Master x 2
Main Engines –		Single Cabins: 34	Dual-Axis Speed Log – Consilium
4 x Ruston 6RKcZ 750 kW @750 RPM		Double Cabins: 6	Navigation SAL SD 1-6
Auxiliary Diesel –		Office: 1	DGPS – SIMRAD GN33 and SIMRAD Shipmate GN30
2 x Ruston 4AP230Z 240 kW @600 RPM		Conference Room: 1	Loran – Furuno LC 90 mk2
Propulsion Motors –		Mess Room: 1	Gyro Compass – Simrad GC80
2 x 1120 kW @ 250 RPM		Recreation /TV Rooms: 4	TMC magnetic Compass– John Lilley and Gillie Type SR2
Bow Thruster –		Changing Room: 1	Auto Pilot – Raytheon Compilot 20
360 deg Whitegill – 7 tonnes 690 kW @ 480 RPM		Workshop: 1	Echo Sounder – SIMRAD EA500
Propellers –		Gymnasium: 1	AIS System – JRC AIS JHS-1 82
2 x Fixed pitch, outwards turning		FLIGHT DECK	
		'D' Value 11.9m	
		Max load 10,000kg	





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3) Fisheries Liaison Contact

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

Simon Prince – Fisheries Liaison Co-ordinator
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Further updates will be provided as required.

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