

NOTICE TO MARINERS

Project: Dogger Bank Wind Farm

Developer: Forewind Ltd

Contractor: Gardline Environmental Ltd

Date of Issue: 06 05 2011

Vessel: MV Vigilant



Vessel Contact Details:

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Call Sign	PBNX
MMSI	244 891 000

Detail of Operations

Ornithological and Marine Mammal Survey

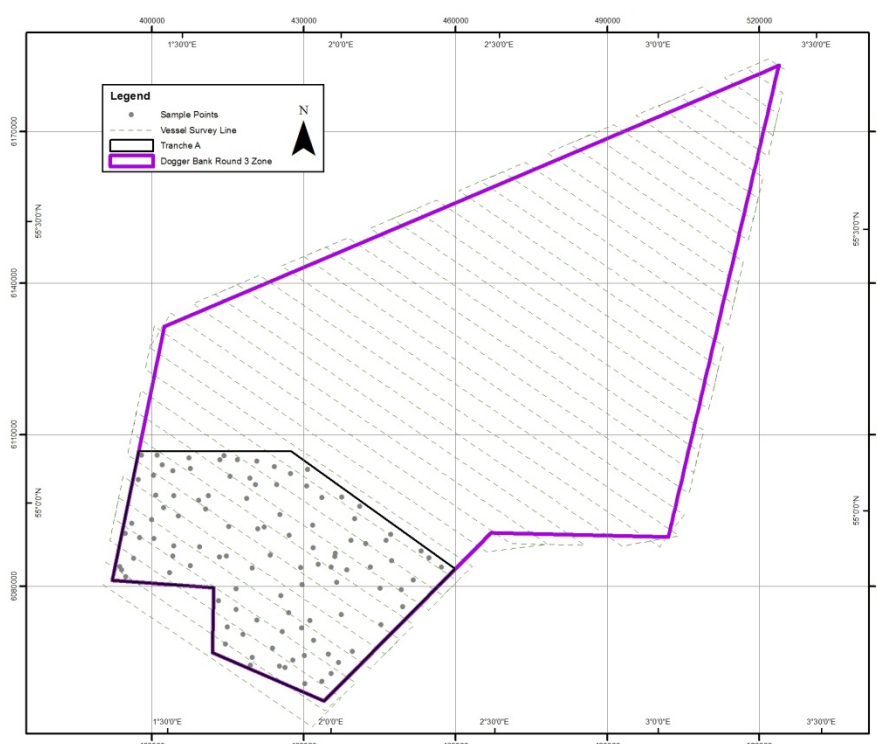
Mariners are advised that the M/V Vigilant continues to undertake ornithological and mammal surveys within the Dogger Bank offshore wind farm zone on behalf of Forewind Ltd.

The vessel will continue these monthly surveys until **31st January 2012**, any changes to this will be updated in further communications.

Ornithological and marine mammal survey hours will be between 0600-1800 UTC.

The vessel will be sailing along the survey lines, as detailed in chart below, during daylight hour only.

A passive acoustic monitoring system will be towed at approximately 200 metres behind the vessel.



Dogger Bank Round 3 Zone

Id	Coordinates (Metres)		Coordinates (Degrees, Minutes)	
	X	Y	X	Y
1	402499	6131390	1° 27.811' E	55° 19.153' N
2	523881	6183076	3° 22.852' E	55° 47.563' N
3	502041	6089767	3° 1.912' E	54° 57.291' N
4	467043	6090569	2° 29.117' E	54° 57.658' N
5	434005	6057359	1° 58.617' E	54° 39.557' N
6	411989	6066904	1° 37.973' E	54° 44.501' N
7	412295	6079766	1° 38.024' E	54° 51.437' N
8	392151	6081206	1° 19.172' E	54° 51.977' N

- Referenced to Coordinate System WGS 1984 UTM Zone 31N

Benthic Environmental Survey

Further to the above, mariners are also advised that the M/V Vigilant will be undertaking a benthic survey within Tranche A (see above chart and below table) of the Dogger Bank offshore wind farm zone on behalf of Forewind Ltd.

The survey will consist of the deployment and operation of grabs and drop down cameras at 106 sites as shown in chart above.

Benthic survey hours will be between 1800-0600 UTC.

The survey will be carried out between **6th May 2011 and 30th June 2011**.

Tranche A

Id	Coordinates (Metres)		Coordinates (Degrees, Minutes)	
	X	Y	X	Y
1	397420	6106758	1° 23.547' E	55° 5.816' N
2	427575	6106758	1° 51.894' E	55° 6.135' N
3	459950	6083439	2° 22.531' E	54° 53.782' N
4	434005	6057359	1° 58.617' E	54° 39.557' N
5	411989	6066904	1° 37.973' E	54° 44.501' N
6	412295	6079766	1° 38.024' E	54° 51.437' N
7	392151	6081206	1° 19.172' E	54° 51.977' N

- Referenced to Coordinate System WGS 1984 UTM Zone 31N

Oceanography

Mariners are advised of the deployment of a Triaxys Wave and Current Monitoring Buoy (see image below) in place of the currently stationed Directional Waverider buoy.



The buoy will be deployed by Gardline Environmental Ltd. Oceanography department, on behalf of Forewind Ltd, with work anticipated to be carried out before 13th May 2011.

The buoy will be posited at **55°29.54' N 002°09.71'E (WGS84)**.

The buoy is 0.9m in diameter; it is bright yellow in colour and has a clear Perspex dome protecting an array of PV panels. It will transmit a light sequence as FI Y (5) 20s from an internal flasher beacon, and it will be moored on a single-point elasticated mooring with a scope of about 200m.

Avoidance to a range of 500m is requested.

Distribution List

UKHO	hdcfiles@ukho.gov.uk
ABP Ports	bguyton@abports.co.uk
Humber Maritime Rescue Sub-Centre	wm.humber@mcga.gov.uk
Kingfisher Information Services	kingfisher@seafish.co.uk
Kings Lynn Port Authority	harbourmaster@portauthoritykingslynn.fsnet.co.uk
Marine Coastguard Agency	paul.townsend@mcga.gov.uk
Port of Boston	rwalker@portofboston.co.uk
Port of Wisbech	cdorrington@fenland.gov.uk
Skegness Lifeboat Station	Skegness@rnli.org.uk
Trinity House	Navigation.Directorate@thls.org
Wells Harbour	harbouroffice@wellsharbour.co.uk
Wells Life boat	coxswain@wellslifeboat.org
Yarmouth Coastguard	yarmouthcoastguard@mcga.gov.uk
Yarmouth Coastguard	Wm.yarmouth@mcga.gov.uk
CEFAS	jon.rees@cefasc.co.uk
DEFRA (Eastern Fisheries Inspectorate Lowestoft)	lowestoft@mfa.gsi.gov.uk
Eastern Sea Fisheries Joint Committee	mail@esfjc.co.uk
Gt Yarmouth Port Authority	info@eastport.co.uk.co.uk
Gt Yarmouth Port Authority	pmcnamara@eastport.co.uk
HO Radio Navigational Warnings	navwarnings@btinternet.com
The UKHO	noticetomariners@ukho.gov.uk
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DECC	robert.lilly@decc.gsi.gov.uk
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Benjamin Lander	benjamin.lander@marinemanagement.org.uk
Scottish Fishermen's Federation	m.morrison@sff.co.uk
Lowestoft Harbour Master	Rmusgrove@abports.co.uk
National Federation of Fishermen's Organisations	nffo@nffo.org.uk
Whitby Lifeboat	whitby@rnli.org.uk
Scarborough Lifeboat	scarborough@rnli.org.uk
Flamborough Lifeboat	flamborough@rnli.org.uk
Spurn Head Lifeboat	humber@rnli.org.uk
Lowestoft Lifeboat	lowestoft@rnli.org.uk
Southwold Harbour Master	petersimmons@waveney.gov.uk

District Marine Officer
North East Sea Fisheries Committee
Forewind Operations Manager
Forewind Fisheries Liaison Co-ordinator
Forewind Head of Operations and Safety
Forewind Head of Offshore Development
Forewind Offshore Stakeholder and Consents Manager
Gardline Project Manager

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Enquiries

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