The shaded blocks below indicate reports of fishing hazards and offshore activities.

What’s inside?

**Area 1** (p.2)
1. Seabed Activity
2. Survey Activity

**Area 2** (p.3-5)
1. Seabed Activity
2. Survey Activity

**Area 3** (p.6-9)
1. Seabed Activity
2. Survey Activity

**Area 4** (p.10)
1. Seabed Activity

**Area 5** (p.11-14)
1. Seabed Activity
2. Survey Activity

**Area 6** (N.A)
1. No Content
Seabed Activity

Moray Offshore Renewables Limited – Fishing Hazard

Please be advised that Drace Infraestructuras UK Ltd is undertaking the installation of a meteorological mast for the Moray Offshore Renewables Limited offshore wind farms (Telford, Stevenson and MacColl). This work is being undertaken in support of the development of The Crown Estate Round 3 Zone 1 offshore wind licensing on the outer Moray Firth off the East coast of Scotland, as shown in Figure 1 below.

The Works

Please be advised that there has been an event on the site which has led to the upper 20m of the lattice mast becoming detached and sinking in the vicinity of the mast embankment. The co-ordinates for the corners of the embankment of the met mast are provided in the table below. The wreckage is located between the following locations, 58°10.95’N 02°49.178’E and 58°10.94’N 02°49.186’E. The navigational aids are still operational.

<table>
<thead>
<tr>
<th>Corner No</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>58°10.928’N 002°49.180’W</td>
</tr>
<tr>
<td>2 (North Corner)</td>
<td>58°10.946’N 002°49.215’W</td>
</tr>
<tr>
<td>3</td>
<td>58°10.928’N 002°49.250’W</td>
</tr>
<tr>
<td>4</td>
<td>58°10.910’N 002°49.215’W</td>
</tr>
</tbody>
</table>

Site investigations will continue at the met mast location and will involve multibeam, scanner and drone surveys and the recovery of the lattice structure on 06/11/2014 at the earliest. The works start date and duration are subject to suitable weather conditions. The vessels that will be used for the above activities are MV C-Odyssey (2ETW7) MV Skua (MWCB2)

For further information: John Yorston, Moray Offshore Renewables, Tel: 0131 5567602 / 07555763509 email: john.yorston@edr.com
Vessel contact Details: Bridge – 077920024164 email: orcadia@scotmarine.net Bridge - +31 88 8263825 email: Nordnes.ocm@vanoord.com
Survey Activity

Blyth Windfarm – Geotechnical Survey

Fugro GeoConsulting Limited (Fugro) will be conducting a Geotechnical Investigation within the UK Sector of the North Sea on behalf of EDF Energy Renewables Limited

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area Covered</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fugro GeoConsulting Ltd</td>
<td>55°08.870'N 001°24.790'W to 55°08.371'N 001°24.390'W</td>
<td>28/10/2014 Until Early November</td>
</tr>
<tr>
<td>MV Bucentaur C6SU4</td>
<td>55°08.877'N 001°24.777'W to 55°08.382'N 001°24.377'W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°08.863'N 001°24.804'W to 55°08.379'N 001°24.377'W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°08.862'N 001°24.777'W to 55°08.382'N 001°24.377'W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°08.379'N 001°24.377'W to 55°08.382'N 001°24.377'W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°08.872'N 001°24.370'W to 55°08.386'N 001°24.363'W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°08.386'N 001°24.363'W to 55°08.343'N 001°23.770'W</td>
<td></td>
</tr>
</tbody>
</table>

For further information: Dennis van den Bulk, Tel: +44(0)1491 820 830 email: d.vdbulk@fugro.co.uk

Seabed Activity

Neart na Gaoithe Offshore Wind Farm – Metocean Buoy Deployment (NAREC)

Neart na Gaoithe Offshore Wind Limited will be deploying two metocean buoys at the National Renewable Energy Centre (Narec) Blyth, to measure (1) wind speed and direction and (2) waves and currents; both buoys will be deployed alongside each other.

Both buoys are painted to IALA standard, have an amber navigation light set to flash 5 times at 1Hz every 20 seconds. Buoy (1) is moored using two delta flipper anchors with riser chains (max. 250m each). There are two pennant buoys floating on the surface above each of the two seabed anchors associated with the buoy. The pennant buoys are yellow, 1m long, diameter of 0.5m and are unlit. They are attached to the anchors by steel wire. Buoy (2) is moored via a single bungee line.

The buoys will be deployed at Narec, at approximately the following co-ordinates:

(1) 55°08.704'N 01°25.159'W  92m drift radius, anchors will be marked with pennant buoys
(2) 55°08.640'N 01°25.278'W – 82m drift radius

Please note that there is a requirement for wide berth when passing the buoys due to their large excursion, as a result of their mooring configurations.

The earliest expected deployment will be within week commencing 08th December 2014. The buoys will be in place for approximately 1-2 months.

For further information: Keith Harsham, Tel:+44(0)20 77765515 Mob +44(0)7876454649 email: Keith.Harsham@mainstreamrp.com
**Seabed Activity**

Neart na Gaoithe Offshore Wind Farm – Metocean Buoy Deployment

Neart na Gaoithe Offshore Wind Limited deployed two metocean buoys at their offshore Wind Farm site approximately 21km east of the Fife coast. Please find location details below. The buoys measure (1) wind speed and direction and (2) waves and currents; both buoys are deployed alongside each other.

Both buoys are painted to IALA standard, have an amber navigation light set to flash 5 times at 1Hz every 20 seconds.

Buoy (1) is moored using two delta flipper anchors with riser chains (max. 250m each). There are two pennant buoys floating on the surface above each of the two seabed anchors associated with the buoy. The pennant buoys are yellow, 1m long, diameter of 0.5m and are unlit. They are attached to the anchors by steel wire. Buoy (2) is moored via a single bungee line.

The buoys will be deployed within the Neart na Gaoithe Wind farm boundary, at the following co-ordinates:
1. 56°15.762'N 02°15.011'W 92m drift radius (anchors marked with pennant buoys at 56°15.875'N 02°15.032'W)
2. 56°15.766'N 02°15.203'W – 82m drift radius

Please note requirement for wide berth when passing buoys detailed below due to their large excursion as a result of their mooring configurations.

The buoys were deployed on 20th April 2014 and are expected to be removed w/c 08th December 2014.

For further information: Keith Harsham, Tel:+44(0)20 77765515 Mob +44(0)7876454649 email: Keith.Harsham@mainstreamrp.com

---

**Seabed Activity**

Inch Cape Offshore Limited – Met Masts Works

Drace Infraestructuras UK Ltd is undertaking, on behalf of Inch Cape Offshore Limited, seabed preparation work for installation of a met mast.

**Coordinates**

| Met Mast | 56°26.404′N 002°14.489′W |

**Met Mast positioning**

The met mast has been installed at the position above. The co-ordinates for the corners of the embankment are as follows (point 3 is the north corner):

<table>
<thead>
<tr>
<th>Corner No</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>56°26.418′N 002°14.527′W</td>
</tr>
<tr>
<td>2 (North Corner)</td>
<td>56°26.426′N 002°14.480′W</td>
</tr>
<tr>
<td>3</td>
<td>56°26.400′N 002°14.450′W</td>
</tr>
<tr>
<td>4</td>
<td>56°26.383′N 002°14.497′W</td>
</tr>
</tbody>
</table>

**Scour Protection**

Scour protection works will take place between the 20th and 30th November. The works will include the laying of concrete mattresses around the met mast base, extending no more than 4 metres beyond the subsea embankment. Works will occur within a 500 m radius of the final met mast location

For further information: Mr Carlos Polimón, Drace Infraestructuras UK Ltd, Tel: 01349 856 416
For ‘live’ Kingfisher updates of offshore activities, visit www.kis-orca.eu and follow @KingfisherInfo on Twitter

**Survey Activity**

First Published: 21 October 2014 | Latest Update: 21 October 2014

**Inch Cape Offshore Limited – Geotechnical Survey**

The site investigation works consist of a geophysical survey followed by geotechnical boreholes

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area Covered</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizon Geosciences</td>
<td>56°35.678'N 002°10.138'W</td>
<td>56°25.339'N 002°07.558'W</td>
</tr>
<tr>
<td>Horizon Geobay 3ETG2</td>
<td>56°28.632'N 002°10.002'W</td>
<td>56°26.892'N 002°02.814'W</td>
</tr>
<tr>
<td></td>
<td>56°25.381'N 002°13.808'W</td>
<td>56°34.660'N 002°14.929'W</td>
</tr>
</tbody>
</table>

For further information: Sarah Arthur, Repsol, Tel: +44(0)131 557 7135 email: sarah.arthur@repsol.com
Notice to Fishermen

First Published: 06 November 2014  |  Latest Update: 06 November 2014

Forewind Limited Dogger Bank Teesside A & B Section 91, Section 92, Planning Act 2008, Rule 13(6), The Infrastructure Planning (Examination Procedure) Rules 2010

Issue-specific and compulsory acquisition hearings will be held by the Examining Authority from Tuesday 2 to Thursday 4 December 2014 inclusive for the examination of the development consent order application made under sections 14, 15 and 37 of the Planning Act 2008 for the Dogger Bank Teesside A & B Offshore Wind Farm. Forewind Limited of 55 Vastern Road, Reading, Berkshire, RG1 8BU submitted the application on 28 March 2014 and it was accepted by the Planning Inspectorate for examination on 23 April 2014 (Application Reference: EN010051). Dogger Bank Teesside A & B is the second stage of development of the Dogger Bank Zone in the North Sea (the first stage being Dogger Bank Creyke Beck). It comprises two offshore wind farm arrays (Dogger Bank Teesside A and Dogger Bank Teesside B), each with a generating capacity of up to 1.2 gigawatts, and associated infrastructure.

The full notice, including dates and times for the hearings can be viewed at: www.forewind.co.uk

Notice to Fishermen

First Published: 23 October 2014  |  Latest Update: 23 October 2014

Forewind Limited Dogger Bank Teesside A & B Section 91, Section 92 and Section 93, Planning Act 2008, Rule 13(6), The Infrastructure Planning (Examination Procedure) Rules 2010

Open-floor and issue-specific hearings will be held by the Examining Authority from Tuesday 11 to Thursday 13 November 2014 inclusive for the examination of the development consent order application made under sections 14, 15 and 37 of the Planning Act 2008 for the Dogger Bank Teesside A & B Offshore Wind Farm. Forewind Limited of 55 Vastern Road, Reading, Berkshire, RG1 8BU submitted the application on 28 March 2014 and it was accepted by the Planning Inspectorate for examination on 23 April 2014 (Application Reference: EN010051). Dogger Bank Teesside A & B is the second stage of development of the Dogger Bank Zone in the North Sea (the first stage being Dogger Bank Creyke Beck). It comprises two offshore wind farm arrays (Dogger Bank Teesside A and Dogger Bank Teesside B), each with a generating capacity of up to 1.2 gigawatts, and associated infrastructure.

The full notice, including dates and times for the hearings can be viewed at: www.forewind.co.uk

Survey Activity

First Published: 23 October 2014  |  Latest Update: 23 October 2014

Hornsea Round 3 Offshore Wind Farm – Geotechnical Survey

A Geotechnical Survey will be conducted in the subzone 1 turbine location area for Hornsea Project One.

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area Covered</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
</table>

For further information: Chris Jenner, SMart Wind Ltd, Tel: 07889 410553 email: chris.jenner@mainstreamrp.com
Seabed Activity

Kentish Flats Extension Offshore Wind Farm – Construction & Buoy Deployment

The Kentish Flats Extension Offshore Wind Farm is located, approximately 8.5 to 13 km north of Herne Bay and Whitstable in Kent. It is adjacent to the Kentish Flats offshore wind farm.

Weather Buoy Deployment

On 5th November, the vessel BALOE will install a weather buoy on between 4th – 6th November at position:

51°28.113’N 001°2.518’E

The Weather Buoy is a Yellow Special Mark which will stand 2.35m above Sea Level with a width of 1.2m. It will have a yellow light, with the characteristics FL(5)Y 20s and a top mark of a yellow cross at a height of 2m above the water. It will remain in position until the end of construction at the end of 2015.

Pre-lay Jetting Run

The Bohlen Doyen Installer Cable Lay Barge, on behalf of Vattenfall, will be carrying out a pre-lay jetting run along the export and inter-array cable route areas to prepare the seabed for the burial of the cable in summer 2015. As part of this work, mattresses will also be laid over the cable crossings to protect the existing Kentish Flats Offshore Wind Farm and London array cables.

The pre-lay jetting run will take place from 5th November on commencement of favourable sea conditions and will continue until the end of the November 2014. The mattressing works will begin at the beginning of December and will continue until the 15th December. The coordinates for the KFE boundary area where the cable installation will take place are below.

1. 51°27.9827’N 01°01.9648’E
2. 51°28.1100’N 01°03.2300’E
3. 51°26.8200’N 01°04.8500’E
4. 51°27.1400’N 01°08.0400’E
5. 51°26.8089’N 01°08.4554’E
6. 51°26.7384’N 01°08.5439’E
7. 51°26.5159’N 01°06.3250’E
8. 51°22.5756’N 01°06.2214’E
9. 51°22.3434’N 01°05.9802’E
10. 51°22.3302’N 01°05.9802’E
11. 51°22.3320’N 01°05.9376’E
12. 51°26.5159’N 01°05.9451’E
13. 51°26.4380’N 01°05.5475’E
14. 51°26.2914’N 01°04.0895’E
15. 51°26.3619’N 01°04.0010’E
16. 51°26.8253’N 01°03.4192’E
17. 51°27.9827’N 01°01.9648’E

Notice to Fishermen

Dudgeon Offshore Wind Farm – Lost Drilling Pipe

Please be advised that a seabed frame (2.5m x 2.5m high, with a 4m Drill Pipe potentially standing vertically from the frame at the following location:

53°17.030’N 01°24.480’E

The location is marked by an orange marker buoy approx. 50cm diameter.

For further information: Kirsty Godwin, Vattenfall Wind Power Ltd, Tel: +44(0)1434 611309  email: Kirsty.godwin@vattenfall.com

For further information: Callum Duffy, Forewind, email: callum.duffy@forewind.co.uk
Survey Activity

Greater Gabbard Offshore Wind Farm – Bathemetric Survey

A Bathemetric Survey will be conducted in the Greater Gabbard Offshore Windfarm

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area Covered</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSE</td>
<td>Start - Leiston 52°12.326’N 01°37.749’E</td>
<td>05/11/2014 Until 12/11/14</td>
</tr>
<tr>
<td>Channel Chieftain V Call Sign: MQRN8</td>
<td>Finish IGSUB 51°54.846’N 01°56.606’E GASUB 51°47.190’N 01°57.473’E</td>
<td></td>
</tr>
</tbody>
</table>

For further information: Danielle Williams, SSE, Tel: +44(0)1502 52401 email: Danielle.williams@sse.com

Seabed Activity

London Array Wind Farm – Cable Exposure and Scour

The London Array Offshore Wind Farm is located approximately 20km from the Kent and Essex coasts in the outer Thames Estuary. The wind farm consists of 175 turbines delivering a capacity of 630MW. Two offshore substations export the generated electricity to shore based facilities from where it is distributed to the National Grid.

Blue Transmission London Array Ltd wish to notify mariners of an area of scour that has developed at the BritNed/London Array cable crossing and the presence of an exposed High Voltage cable. It is recommended that an Advisory Exclusion Zone with a 200m buffer around the cable crossings is observed.

It is envisaged that VBMS using the Deo Gloria (a motor hopper vessel) will commence remediation works in early November. The exact start date of the works is not yet known but will be no earlier than the 5th of November 2014 (pending receipt of consents). The duration of the works is expected to be approximately 2 months weather permitting.

<table>
<thead>
<tr>
<th>Coordinates</th>
<th>51°28.533’N 001°17.341’E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>51°28.443’N 001°17.185’E</td>
</tr>
<tr>
<td></td>
<td>51°28.469’N 001°17.563’E</td>
</tr>
<tr>
<td></td>
<td>51°28.378’N 001°17.415’E</td>
</tr>
</tbody>
</table>

London Array will soon begin a bathymetric survey and this is likely to start on or about 5th November. The survey will be undertaken by the vessel MTS Xplorer and will include surveys of 15 WTG & 2 substation positions, export/array cables and corridors across the site. The duration of the survey is anticipated to be 16 days, weather permitting.

For further information: Paul Knight, Aqualis Offshore Ltd, Tel: +44(0)203 603 4357 email: paul.knight@aqualisoffshore.com

Seabed Activity

Greater Gabbard Offshore Wind Farm – Defective Fog Horn

Please be advised that the following fog Horn is defective

<table>
<thead>
<tr>
<th>Wind Turbine</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAD10</td>
<td>51°44.130’N 01°56.563’E</td>
</tr>
</tbody>
</table>

For further information: Jake Laws, Brown & May Marine Ltd, Tel: 01379 872146 email: jake.laws@brownmay.com
Seabed Activity

Race Bank Offshore Wind Farm – Deployment of Buoys

DONG Energy wishes to make all mariners aware of their intentions to deploy two seabed mounted current profilers within the Race Bank Offshore Wind Farm Site, on or around the 4th November 2014. The deployment of both seabed mounted current profilers are expected to take no longer than a day and will be in situ for a maximum of two months, with an expected removal date given for 4th January 2015.

Locations:
- 53°14.896'N 00°48.870'E
- 53°17.739'N 00°48.511'E

For further information: Nigel Proctor, Precision Marine, Tel: 01964 624423. email: n.proctor@precisionmarine.co.uk

Seabed Activity

Humber Gateway Offshore Wind Farm – Foundation Installation Phase 1

Please be advised that E.ON will be installing 24 Wind Turbine Foundations approximately 10 miles offshore from Spurn Head, within the Humber Gateway Offshore Wind Farm.

Array Cable Installation
Atlantic Carrier: Next cables to be installed: F07-F06, I06-H06, H06-G06, I05-H05, H05-G05, F05-G05, F05-G04, G04-H03, H03-G03. Fugro Saltire: Next cables to be buried: G07-H07, C07-C06, E06-D05, E08-F07 and F06-G06. Stemat Spirit: Will be joining the project for cable installation on around the 15 October 2014. She will commence installation of both export cables and four inter array cables. Duration on site approx. 20 days weather depending. She will conduct 24hr operations and the CTV’s Windcat 17 and Commodore P will be in attendance.
Whalsa Lass: AHT for carrier

Project Wave Riders

Eon Tri-axe Wave Rider: 53°38.788’N 000°18.023’E
Eon Data-well Wave Rider: 53°38.199’N 000°15.846’E

Important Locations

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met Mast</td>
<td>53°38.237’N 000°15.730’E</td>
</tr>
<tr>
<td>West Cardinal Lighted Buoy (N)</td>
<td>V Q (9) 10s</td>
</tr>
<tr>
<td>West Cardinal Lighted Buoy (S)</td>
<td>Q (9) 10s</td>
</tr>
<tr>
<td>South Cardinal Lighted Buoy</td>
<td>Q (6) * LFl 15s</td>
</tr>
<tr>
<td>East Cardinal Lighted Buoy (S)</td>
<td>Q (3) 10s</td>
</tr>
<tr>
<td>East Cardinal Lighted Buoy (N)</td>
<td>V Q (3) 5s</td>
</tr>
<tr>
<td>Wave Rder No 1</td>
<td>53°39.930’N 000°18.160’E</td>
</tr>
</tbody>
</table>

Export Cable End Markers (Both cable ends have now been laid on the seabed. Please note a 800m exclusion zone has been implemented around the duct ends to protect the surface laid cable. *North End Cable buoy has come adrift and will not be replaced.

For further information: Gordon Bain, Eon Tel:+44(0) 7787241442 or Nigel Proctor (Fisheries Liaison) Tel: +44(0)7702730891
For ‘live’ Kingfisher updates of offshore activities, visit www.kis-orca.eu and follow @KingfisherInfo on Twitter

**Seabed Activity**

First Published: 06 November 2014 | Latest Update: 06 November 2014

**North Coast of Cornwall – Deployment of Buoys**

Please be advised that THV Galatea is scheduled to carry out navigation buoy maintenance work at the Wave Hub offshore site 6th and 7th November 2014.

The work will be confined to the vicinity of each Wave Hub special mark position as follows:

<table>
<thead>
<tr>
<th>Equipment / Location</th>
<th>Special Mark</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wave Hub Boundary - NW</td>
<td>Yellow 5nm Beacon: FL.Y.5s</td>
<td>50°22.832’N 005°37.767’W</td>
</tr>
<tr>
<td>Wave Hub Boundary - NE</td>
<td>Yellow 5nm Beacon: FL.Y.5s</td>
<td>50°22.978’N 005°36.116’W</td>
</tr>
<tr>
<td>Wave Hub Boundary - SE</td>
<td>Yellow 5nm Beacon: FL.Y.5s</td>
<td>50°20.868’N 005°35.571’W</td>
</tr>
<tr>
<td>Wave Hub Boundary - SW</td>
<td>Yellow 5nm Beacon: FL.Y.5s</td>
<td>50°20.541’N 005°37.190’W</td>
</tr>
<tr>
<td>Wave Hub Boundary - W</td>
<td>Yellow 5nm Beacon: FL.Y.5s</td>
<td>50°21.757’N 005°37.499’W</td>
</tr>
<tr>
<td>Wave Hub Boundary - E</td>
<td>Yellow 5nm Beacon: FL.Y.5s</td>
<td>50°21.912’N 005°35.815’W</td>
</tr>
</tbody>
</table>

The vessel will while working be restricted in her ability to manoeuvre and mariners are requested to give a wide berth >500m. Any fishing gear laid within 250m of these assigned positions should be cleared if possible.

Vessel Details: THV Galatea  Call Sign: MRDQ7

**For further information:** Julius Besterman, Wave Hub, Tel: 01736 800291  email: julius.besterman@wavehub.co.uk
North Anglesey Tidal Zone – Deployment of Buoys

OpenHydro is undertaking an Acoustic Doppler Current Profiler survey at two locations in the vicinity of the North Anglesey Tidal Demonstration Zone.

The survey will consist of two devices deployed on the seabed in a single mobilization. The devices will be left in position for approximately 42 days and recovered in a separate mobilization. It is intended that the devices will be deployed in early November subject to weather conditions.

Locations:
- 53°17.747'N  04°43.013'W
- 53°18.248'N  04°42.821'W

For further information: Kieran O’Malley, Openhydro, Tel: +353 (0)42 934 9051  email: Kieran.omalley@openhydro.com

Walney 3 Offshore Wind Farm – Recovery of Lost Drill Pipe

MTS Xplorer proposed Walney 3 (Extension) site to do a search for the section of DRILL PIPE lost by the Fugro EMU survey vessel 'Highland Eagle'.

The search area will be concentrated between the co-ordinates :  54°06.14'N  003°47.62'W and 54°05.78'N  003°45.42'W

As ‘MTS Explorer’ will be using highly sensitive equipment all vessels are requested to give a wide berth and if possible reduce speed

For further information: Tom Watson, Tel: 01253 875565, Mobile: 07903 173624

Walney 3 Offshore Wind Farm – FLiDAR Wave Buoy

On or around Thursday 13th November DONG Energy will deploy a FLiDAR Wave Buoy within the proposed Walney 3 (Extension) Wind Farm Site

The Buoy will be placed on a single point mooring attached to a clump weight and will exhibit a Fl (5) Y 20s light, the flash rate of which will not exceed 30 per minute.

The buoy will also be equipped with radar reflectors and will remain at this location for a period of at least one year in the following position :  54°08.042'N  03°54.868'W

For further information: Tom Watson, Tel: 01253 875565, Mobile: 07903 173624
The Gwynt y Môr Offshore Wind Farm Project is located between 15km to 20km off the coast of North Wales in the Liverpool Bay area of the Irish Sea. It is adjacent to RWE Innogy's North Hoyle and Rhyl Flats offshore wind farms. The consented site covers an area of 124km². The water depth ranges from 12m to 28m LAT.

**Wind Farm Construction Status**

- **Monopiles**: 160 installed. Monopile installation is complete
- **Transition pieces**: 160 installed. Transition piece installation is complete
- **Export cables**: 4 export cables installed; installation is complete
- **Wind Turbine Generators**: 160 installed, 0 remaining

**Work planned for next 7 days**

- Tideway Rollingstone will continue rock dumping work at Gwynt y Môr
- Wind Solution will remain at anchor position to the south of Gwynt y Môr, sailing into Liverpool for shelter as required
- Penrhos Bay, Gardian 10, Gardian, EMS Viking, Dalby Esk, Dalby Tees, Abersoch Bay, Wind Transfer, Bayard 2, Bayard 5, MPI Trifuldi, and Don Quixote will be utilised as Crew Transfer Vessels when required sailing from Canada Dock 3 and Liverpool Marina.
- Penrhyn Bay, Colwyn Bay, Gaillion, Caernarfon Bay, Gardian 2, Iceni Defiant, Adventure, Kimmel Bay, Iceni Victory, Gardian 14, NSL Discovery, Wildcat 3, and Coastal Knight will sail from the Port of Mostyn as required.
- Santa Ana, Scirocco and Chinook are on 24 hour cover and being utilised by the Emergency Rescue Team sailing from RWE Pontoon Birkenhead.
- DSV Red7 Tonjer will continue with diving operations.
- Isadale will continue performing guard duties and will be used as the Marine Mammal Observation vessel as and when required.
- Channel Chieftain VII, Cwind Challenger and Cwind Resolution will continue refuelling operations on site based from Mostyn.
- Polar King will continue cable installation and survey work at the wind farm, assisted by CTVs Rix Panther and Rix Tiger.
- Polar Prince will continue with survey work and cable installation at the wind farm.

For a copy of the Kingfisher Awareness Flyer for the Gwynt Y Mor Offshore Wind Farm, please contact the undersigned. Alternatively, click on the link below, or visit www.kingfishercharts.org

---

**Survey Activity**

Following a Bathymetric Survey of the Ormonde offshore wind farm export cable sections of the cable have been identified where burial is limited due to ground movement and there might be some sections where the cable has become exposed on the seabed.

All mariners, and in particular fishing vessels, are requested and advised to avoid anchoring or fishing in an area 200 meters on either side the export cable for its whole length.

For further information: Tom Watson, Tel: 01253 875565, Mob: 07903 173 624
Robin Rigg Offshore Wind Farm – Bathymetric Survey

The Bathymetric Survey at the Robin Rigg Wind Farm is now complete and the 12 meter Catamaran ‘Norfolk Swift’ has demobilised from this site.

Due to ongoing inspection and maintenance work being carried out on Turbine RR C05: 54°45.64’ N 003°41.56’ W a 50 meter Safety Exclusion Zone is to be maintained at all times around this Turbine until further notice.

A general maintenance programme will continue with the transfer of technicians out to selected Turbines by Crew Transfer/Secondary Work Vessels on a daily basis as and when required.

There are now 6 Crew Transfer / Secondary Work Vessels connected to this Wind Farm:

The EON Service Vessels ‘Solway Spirit’ and ‘Solway Challenger’ have been joined by ‘Rhoscolyn Head’, ‘Porth Wen’, ‘Porth Cadin’ and ‘Lynas Point’ and a wide berth is requested around these vessels at all times while on site but all mariners, especially fishermen, are requested to keep a wide berth from any Turbine where it can be observed that these vessels are working.

None of their work is expected to interfere with any other vessels and all work will be dependent on weather and conditions.

A listening watch will be kept on VHF Channels 16 & 12 and any of these vessels can be contacted for information relating to vessel Movement only.

For a copy of the Kingfisher Awareness Flyer for the Robin Rigg Offshore Wind Farm or Fishing Plotter CD, please contact the undersigned. Alternatively, click on the link below, or visit www.kingfishercharts.org

Kingfisher Awareness Flyer: Robin Rigg Offshore Wind Farm
Kingfisher Fishing Plotter CD: Robin Rigg Offshore Wind Farm

For further information: Tom Watson, Tel: 01253 875565, Mob: 07903 173 624
Seabed Activity

First Published: 01 July 2014 | Latest Update: 20 October 2014

West of Duddon Sands Offshore Wind Farm – Construction

The West of Duddon Sands offshore wind farm is a joint venture between DONG Energy West of Duddon Sands (UK) Limited and ScottishPower Renewables (WoDS) Limited.

All of the Inter-Array or Infield Cables have now been buried a depth of burial survey will be carried out next month on all cables to confirm burial depth and acceptance on each cable. Rock Dumping has been carried out at positions along both Export Cables. The DP Rock Dump vessel ‘Sea Horse’ has now completed scour protection Rock Dumping at all of the Turbine positions and has left the project.

The ‘FLIDAR’ (floating wind measurement buoy) deployed at NW corner of the West of Duddon Sands Wind Farm has broken free of the moorings and has now washed ashore on Walney Island, arrangements are being made to salvage the buoy.

Arrangements are also being made to recover/remove the mooring equipment from the seabed where the buoy was moored and mariners, in particular fishermen, are requested to note the mooring position below and keep clear until you have been informed that the recovery has been confirmed.

The position is close to the recently installed Met Mast at position: 54°00.170’N 03°33.610’W

Divers from dive support vessels will operate as and when required inside of the wods wind farm perimeter as well as inside the walney 1&2 and barrow wind farm perimeters and along the export cable routes and mariners should note that a minimum 500 meter safety exclusion zone will be in force around these vessels at all times whenever they are on site at any location.

The guard vessel for the wind farm site is ‘Headway’ and this vessel can be contacted on VHF Channels 16 & 12 for information relating to vessel movements inside the Wind Farm only.

The Wave Rider Buoy in Lune Deep has been moved to a new position: 54°00.080’N 002°58.370’W Fl.Y(5) 20s-range 1nm

There is a Wave Rider Buoy in position: 54°00.000’N 003°26.000’W Fl.Y(5) 20s - range 1nm All Turbines have been installed.

Boundary of Location Activities:

<table>
<thead>
<tr>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>54°00.15’N</td>
<td>003°33.52’W</td>
</tr>
<tr>
<td>54°01.78’N</td>
<td>003°26.67’W</td>
</tr>
<tr>
<td>53°56.25’N</td>
<td>003°22.80’W</td>
</tr>
<tr>
<td>53°56.84’N</td>
<td>003°25.37’W</td>
</tr>
<tr>
<td>53°56.72’N</td>
<td>003°29.33’W</td>
</tr>
</tbody>
</table>

For a copy of the Kingfisher Awareness Flyer for the West of Duddon Sands Offshore Wind Farm, please contact the undersigned. Alternatively, click on the link below, or visit www.kingfishercharts.org

Kingfisher Awareness Flyer: West of Duddon Sands Offshore Wind Farm

For further information: Dan Torben Christensen, Dong Energy, Tel: +44(0)7528921388 email: dannch@dongenergy.dk