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

**What’s inside?**

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

**Area 2 (p.4-5)**
1. Seabed Activity
2. Survey Activity

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

**Area 4 (p.N.A)**

**Area 5 (p.10-13)**
1. Seabed Activity
2. Survey Activity

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

For ‘live’ Kingfisher updates of offshore activities, visit www.kis-orca.eu and follow @KingfisherInfo on Twitter.
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.

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 2°49.178'W and 58°10.94'N 02°49.186'W. 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>

Recovery of the lattice and access ladder, re-installation of the ladder and further site investigation will take place at the next available weather window. The vessels that will be used for the above activities are detailed below. All works are subject to suitable weather conditions. The vessels that will be used for the above activities are MV C-Odyssey (2ETW7) Sea Weasel (2CQX3) Sea Beaver (MVNK8)

For further information: John Yorston, Moray Offshore Renewables, Tel: 0131 5567602 / 07557635095 email: john.yorston@edr.com
Vessel contact Details: Bridge – 077920024164 email: orcadia@scotmarine.net  Bridge - +31 88 8263825 email: Nordnes.och@vanoord.com

Survey Activity

Beatrice Offshore Windfarm Ltd – Nearshore UXO Survey

BOWL will be undertaking a UXO survey commencing in early January 2015, ahead of planned geotechnical surveys, to identify seabed ground conditions and the presence or absence of seabed unexploded ordnance (UXO) for the nearshore extent of the offshore export cable route.

<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>TBA</td>
<td>57°40.930’N 003°02.715’W</td>
<td>Early January 2015</td>
</tr>
<tr>
<td></td>
<td>57°40.751’N 003°01.721’W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>57°40.041’N 003°01.810’W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>57°40.221’N 003°02.887’W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>57°40.221’N 003°02.887’W</td>
<td></td>
</tr>
</tbody>
</table>

For further information: Dan Ford, 07970706146, dan.ford@cathie-associates.com; Johnny Wilson, 07584313497, Jonathan.wilson@sserenewables.com
### Survey Activity

**Beatrice Offshore Windfarm Ltd – Geophysical Survey**

Fugro Survey BV will be carrying out geophysical survey operations in the BOWL wind farm site in the outer Moray Firth off the north east coast of Scotland on behalf of Beatrice Offshore Windfarm Ltd.

<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 Survey BV</td>
<td>58°19.730'N 002°50.983'W</td>
<td>12/12/2014 For 3 - 4 Weeks</td>
</tr>
<tr>
<td>Fugro Pioneer C6BH3</td>
<td>56°09.865'N 002°45.130'W</td>
<td>For 3 - 4 Weeks</td>
</tr>
<tr>
<td></td>
<td>56°11.840'N 003°00.723'W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>56°18.376'N 002°54.952'W</td>
<td></td>
</tr>
</tbody>
</table>

For further information: Courtney French, Brown and May Marine, Tel: 01379 872145 email: Courtney@brownmay.com
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 within 14th January – 25th January 2015.

For further information: David Sweenie, Tel: +44(0)1412063861 Mob: +44(0)7889410550 email: david.sweenie@mainstreamrp.com

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 14th January – 25th January 2015. The buoys will be in place for approximately 1-2 months.

For further information: David Sweenie, Tel: +44(0)1412063861 Mob: +44(0)7889410550 email: david.sweenie@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°26.408’N 002°14.527’W</td>
</tr>
<tr>
<td>2</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>

Installation and commissioning works will continue until 30/01/15. During the works the telescopic structure will be extended, and then the instrumentation, cables, and connections installed. Finally the data collecting system and satellite communication will be put in operation. Installation of the remainder of the instruments and other works will be postponed until the spring and are likely to be undertaken in April/May 2015.

During these works a crew transfer vessel will operate daily location (56° 26.404 N; 2° 14.489 W). The vessel will remain on site during the works. A utility vessel will handle materials between the met mast and Dundee Port.

**Vessels:** Bull Bay (2HDH3)  MV C-Odyssey (2ETW7)

Scour protection

Preliminary scour protection works will be undertaken in January 2015 with the remainder of the works being undertaken in April/May 2015. Works to be performed in January 2015 will consist of installing several gravel bags at the caisson corners. Those works will be performed using the C-Odysse.

For further information: Mr Carlos Polimón, Drace Infraestructuras UK Ltd, Tel: 01349 856 416

Survey Activity

Inch Cape Offshore Limited – Geotechnical Survey

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

**Company, Vessel & Call Sign**

<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 56°25.339’N 002°07.558’W</td>
<td>05/10/2014</td>
</tr>
<tr>
<td>Horizon Geobay 3ETG2</td>
<td>56°28.632’N 002°10.002’W 56°26.892’N 002°02.814’W</td>
<td>Until 15/02/15</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: 18 December 2014 | Latest Update: 18 December 2014

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

A compulsory acquisition hearing will be held by the Examining Authority on Tuesday 13 January 2015 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: 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

Seabed Activity

First Published: 11 September 2014 | Latest Update: 04 December 2014

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.

The work will commence on 14th November 2014. The duration of the works is expected to be approximately 2 months weather permitting.

Coordinates

51°28.533'N 001°17.341'E
51°28.443'N 001°17.185'E
51°28.469'N 001°17.563'E
51°28.378'N 001°17.415'E

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 estimated completion date is now 19th December 2014.

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

First Published: 04 December 2014 | Latest Update: 04 December 2014

Greater Gabbard Offshore Wind Farm – Met Mast MMZ Unit

Please note that the Met Mast MMZ in position

51°56.613'N 01°55.332'E

Is unit – a repair will be take place as soon as possible.

For further information: LCC, Tel: 01502 524001 email: lowestoft.marinecontrol@sse.com

Seabed Activity

First Published: 14 August 2013 | Latest Update: 12 December 2014

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: Currently WOW in Immingham. I05-H05, H05-G05, C03-D03, D03-E03 progress dependant on tides and weather windows.

Fugro Saltire: Pull 2nd end into I03, I03-I02, I02-H02, H02-F03 array cable installation. HGOS to D05,B04,C04 trenching operations.

Whalsa Lass: AHT for carrier

MPI Resolution: Vessel will be installing 6 WTG’s per cycle. Currently jacked up at E05 to continue installation.

Project Wave Riders

<table>
<thead>
<tr>
<th>Wave Rider</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eon Tri-axe Wave Rider</td>
<td>53°38.788'N 000°18.023'E</td>
</tr>
<tr>
<td>Eon Data-well Wave Rider</td>
<td>53°38.199'N 000°15.846'E</td>
</tr>
</tbody>
</table>

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 10s</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>
</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.

<table>
<thead>
<tr>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>* North End Cable</td>
</tr>
<tr>
<td>South End Cable</td>
</tr>
</tbody>
</table>

For further information: Gordon Bain, Eon Tel:+44(0) 7787241442 or Nigel Proctor (Fisheries Liaison) Tel: +44(0)7702730891
Sheringham Shoal Wind Farm – Essential Retrofit Operations

The Vessel Rem Forza will be undertaking essential retrofit operations throughout the site from 24th November.

She will navigate onto the wind farm site through the North-East entry/exit gate between WTG (wind turbine generator) ShS (Sheringham Shoal) F1 in position 53°09.662’N 01°07.852’E and WTG ShS K5 in position 53°07.196’N 01°12.011’E.

The vessel is expected to remain on site for 8-10 weeks, and will make scheduled port calls during this time for supplies and crew changes. All entering and exiting site will be done through the North-East entry/exit gate.

All vessels are to give “Rem Forza” a 500m exclusion zone and to call the vessel on CH10 to request entry or transit through the exclusion.

For further information: Statkraft Marine, Tel: 01328 824356  email: SciraGMSciraMarine@statkraft.com

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
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, 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 crossing areas 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 and will continue until the end of November 2014. The mattressing works will begin early 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 7. 51°26.5159’N 01°06.3250’E 13. 51°26.4380’N 01°05.5475’E
2. 51°28.1100’N 01°03.2300’E 8. 51°22.5786’N 01°06.2214’E 14. 51°26.2914’N 01°04.0895’E
3. 51°26.8240’N 01°04.8500’E 9. 51°22.3434’N 01°05.9802’E 15. 51°26.3619’N 01°04.0010’E
4. 51°27.1400’N 01°08.0400’E 10. 51°22.3302’N 01°05.9802’E 16. 51°26.8253’N 01°03.4192’E
5. 51°26.8089’N 01°08.4554’E 11. 51°22.3320’N 01°05.9376’E 17. 51°27.9827’N 01°01.9648’E
6. 51°26.7384’N 01°08.5439’E 12. 51°22.5614’N 01°05.4451’E

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

**Teesside Offshore Wind Farm** – Deployment of Buoy

Fugro EMU, on behalf of EDF Energy Renewables, will be operating a wave measurement buoy on the Teesside Offshore Wind Farm. The buoy is due to be deployed in early January 2015 and remain on site for a minimum of 3 years. The buoy will be maintained every 6 months.

54°39.350’N  01°06.000’W

The wave buoy is a Datawell Mark III 90 cm buoy, painted yellow. It is fitted with radar reflectors and a yellow flashing light at the top of the 2 m long antenna. The light flashes 5 times at 0.5 Hz every 20 seconds.

*For further information:* Simon Prince, Specialist Marine Consultants Ltd, Tel: +44(0)1723 892861  email: simonp@smchse.com

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**Survey Activity**

**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

Gwynt y Môr Offshore Wind Farm – Construction Activities

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

Please be advised that the rock dumping vessel Seahorse will be commencing operations at various locations within and around the Gwynt y Môr Offshore Wind Farm in late November 2014 until further notice.

The call sign for the Seahorse and a link to information about the vessel is given below.

- Seahorse: rock dumping vessel | Call sign PCAP

All vessel traffic is asked to keep at least 500m clear of Seahorse. The vessel can be contacted on VHF Channel 16 or DIGIpool 1 at all times.

Mariners are advised that following the removal of the FLIDAR buoy to the east of the Gwynt y Môr windfarm earlier this month, two buoys have been deployed to mark the location of the anchors that remain on the seabed. These buoys will remain in place temporarily until the anchors are removed in early 2015.

The two buoys are yellow, measuring approximately 1.2m in diameter and 1.8m in height. They are lit (FL [Y] 5 [20s]). Both buoys are on the eastern edge of the windfarm site, approximately 250-300m to the southeast of the Gwynt y Môr meteorological mast. The location of the buoys are:

- Navbuoy 1: 53°28.765'N 003°30.308'W
- Navbuoy 2: 53°28.693'N 003°30.374'W

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

Kingfisher Awareness Flyer: Gwynt Y Mor Offshore Wind Farm

For further information: Lee Cornwell, RWE npower renewables, Mob: +44 (0) 7557 319473, Email: lee.cornwell@rwe.com

Seabed Activity

Walney 3 Offshore Wind Farm – FLiDAR Wave Buoy

The technical problems that were causing a delay to the deployment of the new Wave Buoy within the proposed Walney 3 (Extension) Wind Farm Site have now been rectified and the Wave Buoy will be deployed at the first available weather window.

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
Seabed Activity

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, and 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°00.13'N</td>
<td>003°33.52'W</td>
</tr>
<tr>
<td>54°01.78'N</td>
<td>003°26.57'W</td>
</tr>
<tr>
<td>53°58.35'N</td>
<td>003°22.80'W</td>
</tr>
<tr>
<td>53°56.84'N</td>
<td>003°25.37'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: danch@dongenergy.dk

Seabed Activity

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
### Seabed Activity

**Walney 3 Offshore Wind Farm – Recovery of Lost Drill Pipe**

*First Published: 23 October 2014 | Latest Update: 28 October 2014*

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*

### Seabed Activity

**Ormonde Offshore Wind Farm – Shallow buried and possible exposed cable**

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

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*

### Seabed Activity

**Robin Rigg Offshore Wind Farm – Bathymetric Survey**

*First Published: 19 November 2013 | Latest Update: 20 November 2014*

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:

- EON Service Vessels ‘Solway Spirit’ and ‘Solway Challenger’
- ‘Rhoscolyn Head’, ‘Porth Wen’, ‘Porth Cadlan’ and ‘Lynas Point’

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](http://www.kingfishercharts.org)

*For further information: Tom Watson, Tel: 01253 875565, Mob: 07903 173 624*
### Survey Activity

**Sellafield Cumbria – Survey**

**First Published: 20 November 2014 | Latest Update: 28 November 2014**

<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>Gardline</td>
<td>The Bathys &amp; Sonar</td>
<td></td>
</tr>
<tr>
<td>MV Confidante</td>
<td></td>
<td>11/11/2014 – 15/02/2015 For 100 Days</td>
</tr>
</tbody>
</table>

- **Gardline**
  1. 54°25.617'N 003°36.933'W
  2. 54°26.733'N 003°34.150'W
  3. 54°24.417'N 003°31.750'W
  4. 54°23.400'N 003°34.183'W

- **The UHR Site**
  1. 54°31.150'N 003°44.483'W
  2. 54°21.533'N 003°40.550'W
  3. 54°20.933'N 003°31.700'W
  4. 54°21.583'N 003°27.150'W
  5. 54°32.533'N 003°40.367'W

- **N**
  1. 54°24.877'N 003°38.790'W
  2. 54°31.092'N 003°44.173'W
  3. 54°31.722'N 003°42.667'W
  4. 54°32.352'N 003°41.160'W
  5. 54°32.352'N 003°41.160'W

- **E**
  1. 54°28.002'N 003°34.670'W
  2. 54°27.127'N 003°33.593'W
  3. 54°26.250'N 003°32.518'W
  4. 54°25.373'N 003°31.443'W
  5. 54°24.492'N 003°30.368'W

For further information: Luca Barbetti, IMDC nv Tel: +32 3 287 23 89 email: Luca Barbetti <luca.barbetti@imdc.be