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

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

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

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

**Area 3** (p.4-9)
1. Notice to Fishermen
2. Seabed Activity
3. Survey Activity

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

**Area 5** (p.11-12)
1. Seabed Activity

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

Moray Offshore Renewables Limited – Met Mast Installation

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

Phase 1 of the installation of instrumentation is now complete. Phase 2 of the installation works and any additional restoration work is currently being evaluated and notice of works will be given in due course.

Corner No | Coordinates
---|---
1 | 58°10.928'N 002°49.180'W
2 (North Corner) | 58°10.946'N 002°49.215'W
3 | 58°10.928'N 002°49.250'W
4 | 58°10.910'N 002°49.215'W

For further information: John Yorston, Moray Offshore Renewables, Tel: 0131 5567602 / 07557635095 email: john.yorston@edr.com

Seabed Activity

Meygen Tidal Project (Pentland Firth) – Inspection Works

Please be advised that from 20 March 2015 until 31 July 2015, operations will take place at approximately 4 week intervals, to inspect horizontal drilling exit points. Diving operations will be undertaken during slack water periods, out with that time C-Salvor may deploy cameras suspended below the vessel.

Position: 58°38.754’N 003°08.062’W

On completion of works the specified coordinates will be clear from all hazards and obstructions.

For further information: James Fisher Marine Services, Tel: 01856831380 mob 07747843712 email: s.groundwater@james-fisher.co.uk

Survey Activity

Beatrice Offshore Windfarm Ltd – Survey

Please be advised that Brown and May Marine Ltd will be carrying out marine survey operations on behalf of Beatrice Offshore Windfarm Limited (BOWL) in the outer Moray Firth. The survey will include larval sampling at 25 locations within the survey area illustrated below.

A further survey is also underway, bounded by the coordinates below:

<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>Brown &amp; May Marine FV Antaries – BF27</td>
<td>58°39.056’N 003°20.673’W</td>
<td>03/08/2015 For 8 Weeks</td>
</tr>
<tr>
<td>FV Pleiades – BF155</td>
<td>58°38.936’N 002°11.958’W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>58°03.124’N 002°12.977’W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>58°03.127’N 003°20.326’W</td>
<td></td>
</tr>
</tbody>
</table>

For further information: Alex Winrow-Giffin, Brown & May Marine Ltd, Tel:01379 870181 email: alex@brownmay.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.

Met Mast Co-ordinates

| 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>

Met Mast installation and commissioning

Installation of the remaining instruments and final commissioning works for the met mast will continue to be undertaken until the end July 2015. During these works the crew transfer vessels, Sea Fox, Montrose Marine II or Sure Shamal will operate daily to bring workers from Dundee port to the works location (56°26.404 N; 2°14.489 W). The vessel will remain on site during the works and will then return the workers to Dundee.

Vessels: Seafox – 2GMJ7, Montrose Marine II – 2GMK3

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

Navitus Bay Offshore Wind Farm – Deployments

Please be advised that Fugro Oceanor is performing met-ocean monitoring on behalf of Navitus Bay Development Limited within the bounds of the coordinates presented below.

On the 14-24 July Fugro OCEANOR will service the Wind Lidar buoy. The buoy will first be recovered and brought to shore by the vessel STOUR and subsequently redeployed within the mentioned coordinates. The operation can be postponed to the days after in case of delay due to weather conditions. The vessel is a MCA workboat code cat 2. We request that all vessels within the vicinity of Stour remains at least 500 m clear at all times and pass at reduced speed.

<table>
<thead>
<tr>
<th>Items</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Level Sensor</td>
<td>50°27.752'N 001°46.954'W</td>
</tr>
<tr>
<td>Floating LiDAR</td>
<td>50°27.868'N 001°46.765'W</td>
</tr>
<tr>
<td>Water Level Sensor - Secondary bottom Weight</td>
<td>50°27.769'N 001°46.926'W</td>
</tr>
<tr>
<td>Point A</td>
<td>50°27.936'N 001°46.999'W</td>
</tr>
<tr>
<td>Point B</td>
<td>50°27.932'N 001°46.661'W</td>
</tr>
<tr>
<td>Point C</td>
<td>50°27.716'N 001°46.667'W</td>
</tr>
<tr>
<td>Point D</td>
<td>50°27.720'N 001°47.005'W</td>
</tr>
</tbody>
</table>

For further information: Fugro OCEANOR AS, Tel: +47 73545200, E-mail oceanor@oceanor.com

Seabed Activity

Dudgeon Offshore Wind Farm – Installation of rock filter layers

As a part of the Dudgeon Offshore Wind Farm Project, rock placement works will be undertaken to protect the monopile foundations from scour.

The filter rock placement operations for the Dudgeon Offshore Wind Farm will commence the first week of July, 2015. This work will compromise the placement of filter rock for all (67) monopile locations.

The works are scheduled to be executed between 1st July 2015 – 30th September 2015. During operations, the rock placement vessel will sail a number of times to the Stavanger Area in Norway in order to reload with rocks.

The Dudgeon Offshore Wind Farm site is located approximately 32km offshore the North Norfolk coast, off the town of Cromer.

Vessel: Flintsone – PBZD Mariners are requested to give the work vessel a wide berth.

Coordinates for Dudgeon Offshore Wind

<table>
<thead>
<tr>
<th>Coordinates for Dudgeon Offshore Wind</th>
</tr>
</thead>
<tbody>
<tr>
<td>53°18.384'N 01°19.303'E</td>
</tr>
<tr>
<td>53°15.691'N 01°19.088'E</td>
</tr>
<tr>
<td>53°12.596'N 01°25.757'E</td>
</tr>
<tr>
<td>53°14.688'N 01°25.924'E</td>
</tr>
<tr>
<td>53°14.320'N 01°26.673'E</td>
</tr>
</tbody>
</table>

For further information: Mike Corney, Statkraft UK Ltd, Tel: +44 (0)20 7448 8222 email: Michaeljohn.corney@statkraft.com
Seabed Activity

Humber Gateway Offshore Wind Farm – Foundation Installation Phase 1

Fugro Saltire: Primary Location planned C06, C07, C08, C09, C10, Secondary location planned D10, E10, F09, G08, H07. This operation is estimated to last for approximately 31 days.

The Saltire will make 4 trips to Immingham collecting rock bags and placing them on the array cable ends. Saltire arrived on site on the 30/06/15 to start works.

- Rock Bag Campaign – further rock bag dumping will be done in the summer campaign 2015

<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) 15s</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>
</tbody>
</table>

For further information: Gordon Bain, Eon Tel:+44(0) 7787241442 or Nigel Proctor (Fisheries Liaison) Tel: +44(0)7702730891

Seabed Activity

London Array Wind Farm – Cable Crossings.

Three special marks and a South Cardinal Mark have been installed to mark the four rock berms on the crossing of the Kentish Flats and London Array Export cable. At these crossings the typical sea bed level was -4m LAT. Due to the newly installed rock beam the depth in some areas is now -1.0m LAT.

Kentish Flats/London array cable crossings have marker buoys at the following locations:

1. 51°25.56’N 001°06.45’E (KFSM1)
2. 51°25.00’N 001°06.44’E (KFSM2)
3. 51°24.86’N 001°05.77’E (KFSM3)
4. 51°25.41’N 001°05.69’E (KFSM4)

Rock Berm

BritNed cable crossing (51° 28.583N, 001° 17.417E) the seabed level varies from -6.5m LAT to -9m LAT. Due to the newly installed rock berm the depth in some areas is -4m LAT. A North Cardinal Buoy has been installed in the following position:

1. Named BRIT NORTH 51°28.718N 001° 17.50E North Cardinal exhibiting Q light characteristic

For further information: Marine Coordinators, DDI. +44 (0)1843 855795, Email: marinecoordinators@londonarray.com
**Kentish Flats Extension – Foundation and Turbine Installation**

**Approximately 8.5 to 13 Kilometres North of Herne Bay and Whitstable in Kent.**

**Completed**

Foundation installation, Marine Mammal and Underwater Noise surveying has been completed to all 15 locations on the site indicated opposite. Bohlen-doyen have completed the inter-array and export cable laying works.

**The Works ongoing**

GeoSea have started the first Turbine installation, commenced on the 17th June 2015. The remainder of the windfarm construction is estimated to continue until the end of August. (Weather dependant). Bohlen-doyen with the use of Installer will be conducting mattress laying on the laid cable from mid-July.

**The Vessels**

The export cable and mattress laying is by the barge BoDo Installer supported by the tug (AHT) Barney and (AHT) Bommel. The crew transfer vessels (CTVs) servicing the Kentish Flats Extension project are the Vulcan, Valkyrie, Valhalla and the Wind cat 23.

The Turbine installation works shall be performed by the jack-up barge Neptune supported by the tugs (AHT) Norne and Sea Echo.

<table>
<thead>
<tr>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>51°27.983'N 001°01.965'E</td>
<td>51°26.516'N 001°06.325'E</td>
</tr>
<tr>
<td>2.</td>
<td>51°28.110'N 001°03.230'E</td>
<td>51°22.579'N 001°06.221'E</td>
</tr>
<tr>
<td>3.</td>
<td>51°26.820'N 001°04.850'E</td>
<td>51°22.343'N 001°05.980'E</td>
</tr>
<tr>
<td>4.</td>
<td>51°27.140'N 001°08.400'E</td>
<td>51°22.330'N 001°05.980'E</td>
</tr>
<tr>
<td>5.</td>
<td>51°26.809'N 001°08.450'E</td>
<td>51°22.332'N 001°05.938'E</td>
</tr>
<tr>
<td>6.</td>
<td>51°26.738'N 001°08.544'E</td>
<td>51°22.561'N 001°05.445'E</td>
</tr>
<tr>
<td>7.</td>
<td>51°26.516'N 001°06.325'E</td>
<td>51°26.438'N 001°05.547'E</td>
</tr>
<tr>
<td>8.</td>
<td>51°22.579'N 001°06.221'E</td>
<td>51°26.281'N 001°04.090'E</td>
</tr>
<tr>
<td>9.</td>
<td>51°22.343'N 001°05.980'E</td>
<td>51°26.362'N 001°04.001'E</td>
</tr>
<tr>
<td>10.</td>
<td>51°22.330'N 001°05.980'E</td>
<td>51°26.825'N 001°03.419'E</td>
</tr>
<tr>
<td>11.</td>
<td>51°22.332'N 001°05.938'E</td>
<td>51°27.983'N 001°01.965'E</td>
</tr>
<tr>
<td>12.</td>
<td>51°22.561'N 001°05.445'E</td>
<td>51°26.438'N 001°05.547'E</td>
</tr>
</tbody>
</table>

For further information: Marine Coordinator, Vattenfall UK Ltd., Tel: 01843 423101/07815 000514 email: mc.kfe@vattenfall.com

**Seabed Activity**

**Gunfleet Sands Offshore Wind Farm – Turbine Generator Maintenance**

DONG Energy Gunfleet Sands will be undertaking a blade bearing exchange on wind turbine:

| F05 | 51°43.713'N 001°14.804'E |

**The Works**

The work is planned to be undertaken between the 9th and 12th July 2015 The works will be undertaken by the Jack Up Vessel 'SEA INSTALLER' Length x Breadth: 132 m X 39 m Call Sign: OYPY2

A 500m safety zone should be given to the vessel during maintenance works, especially when it can be observed when the vessel is manoeuvring into position. It should also be noted the vessel may exit the Wind Farm without prior notification.

For further information: Anthony Mayhew, DONG Energy UK, Tel: +44 (0)1206 307 915 email: anthm@dongenergy.co.uk
Seabed Activity

Skinningrove – Coastal Protection Works

The final deliveries of rock armour will be transhipped from an offshore vessel (Fluvius Taw) and Barge (Stema Barge II) which will be anchored within the area defined by the following coordinates and shown in Figure 1. It is currently anticipated that the Fluvius Taw will arrive to commence offload on the 29th June 2015. The Stema II Barge will arrive on the 6th July to the transhipment box to commence offload.

The Works

NE corner Anchorage/Transhipment Area
54°36.200’N 000°52.900’W

NW corner Anchorage/Transhipment Area
54°36.200’N 000°53.800’W

SW corner Anchorage/Transhipment Area
54°35.700’N 000°53.800’W

SE corner Anchorage/Transhipment Area
54°35.700’N 000°52.900’W

The rock armour will be transhipped to a receiver barge (Charlie Rock) and escorted by the tug (Afon Menai or similar) along a transit corridor of 250 metres wide and 2 miles long defined by the following coordinates:

NE Corner Transit Corridor
54°35.691’N 000°53.361’W

NW Corner Transit Corridor
54°35.684’N 000°53.523’W

SW Corner Transit Corridor
54°34.578’N 000°54.130’W

SE Corner Transit Corridor
54°34.559’N 000°54.000’W

The receiver barge (Charlie Rock) will land on the beach at Skinningrove at High Water in approximate position 54°34’.4N 0°54.073W where the rock armour will be off loaded onto the beach within the intertidal area. A 500 metre safety zone is requested around the barge to ensure safe access and egress from the foreshore area.

Following discharge, the receiver barge will return directly to the Offshore Vessel to repeat the operation. It is anticipated that there will be two loads per 24 hour period onto the beach at Skinningrove and approximately 20 high tides will be required to complete the operation.

It is anticipated that works will be continuous from 29th June for approximately 2 weeks duration.

Redcar and Cleveland Borough Council request that all Mariners provide a suitable wide berth to the vessel operations and in the interests of safety keep the designated transit corridor and transhipment box free from obstructions and fishing markers.

For further information: Simon Prince, Tel: 07920273866 email: simonp@armchse.com

Survey

Greater Gabbard Offshore Wind Farm – Survey

Jack-up Barge operations will commence on 12th July 2015 on the Greater Gabbard offshore windfarm. The work is expected to last until Monday 24th July 2015. The following wind turbines and co-ordinates are where the operations will take place.

<table>
<thead>
<tr>
<th>Foundation ID</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>IGJ03</td>
<td>51°55.422’N</td>
<td>01°59.246’E</td>
</tr>
<tr>
<td>IGG06</td>
<td>51°55.362’N</td>
<td>01°56.916’E</td>
</tr>
</tbody>
</table>

A 500 meters exclusion zone will be in force around the Jack-up barge A2SEA SEA CHALLENGER at all times, If you need to approach the barge please contact them on VHF ch16. The CTV SAMSON B will be supporting the Jack-up Operations.

The Channel Chieftain V – MQRN8 will be carrying out bathemetric surveys on the Greater gabbard windfarm. Work will commence on the 14th July and will last for a period of 1 Month, weather depending. The following co-ordinates are where
Race Bank Offshore Wind Farm – UXO Survey

Notice is hereby given that DONG Energy (Race Bank) will commence survey operations along the entire route of the Export Cable Route and Offshore Wind Farm site at Race Bank, commencing 1st and 30th June 2015.

Commencing on the 15th of July 2015 unexploded ordnance survey work will commence on the Race Bank Offshore Wind Farm by the following vessels: Stril Explorer – 2EBI9, Suffolk Spirit – 2FIG9, MCS Ailsa – 5BDK3, MCS Zephyr – 2EIS5.

Work will consist of inspection of potential UXO targets and subsequent disposal of any UXOs found.

The works are anticipated to run until 15th October 2015.

ALL VESSELS ARE REQUESTED to keep a safe distance of no less than 500 yards and navigate with caution when in the vicinity of the vessels.

Kingfisher Fishing Plotter Files have been produced outlining the Clearance Zones of the wind farm and export route. For more information click on the links below, or contact the undersigned.

1. For fishing plotter files of the Race Bank Clearance Zones, please go to: [po.st/RaceBankClearancePlotter]
2. For fishing plotter installation help, please go to: [po.st/InstallationGuide]
3. For a Kingfisher Awareness Chart of the Race Bank Clearance Zones, please go to: [po.st/RaceBankClearance]

For further information: Hywel Roberts, DONG Energy, Tel: +44 (0)20 7811 5486, Email: hywro@dongenergy.co.uk

Rampion Offshore Wind Farm & Export Cable Route – Survey

Please be advised that EGS (International) Ltd will be carrying out marine survey operations at the proposed Rampion Offshore Wind Farm Site and Export Cable Route. The survey will be carried out 8th June 2014 and will involve the towing of 5 underwater sensors up to 250 metres from the stern of the vessel.

The boundary for the wind farm is:
- 50°41.210’N 000 22.150’W
- 50°42.810’N 000 12.190’W
- 50°39.370’N 000 10.870’W
- 50°37.830’N 000 21.160’W

The proposed Export Cable Route is:
- 50°48.930’N 000 21.940’W
- 50°49.340’N 000 19.290’W
- 50°42.240’N 000 15.760’W
- 50°41.820’N 000 18.380’W

For further information: Paul Clement, EGS International Ltd, Tel: +44 (0)1420 489329, Email: pclement@egssurvey.co.uk
Seabed Activity

**Dogger Bank Wind Farm – Reinstallation of Met Masts**

Mariners are advised that Forewind have completed the reinstallation of the two meteorological masts within the Dogger Bank Round 3 wind farm zone. Both masts have operational navigation aids and Fog Horns.

<table>
<thead>
<tr>
<th>Name</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met Mast East</td>
<td>55°05.964'N 002°42.150'E</td>
</tr>
<tr>
<td>Met Mast West</td>
<td>54°51.990'N 001°49.164'E</td>
</tr>
</tbody>
</table>

For further information: Nachaat Tahmaz, Forwind, Tel: 078 18597854 email: nachaat.tahmaz@forewind.co.uk

Survey Activity

**Civil Hydrography Programme – Survey**

Gardline Geosurvey Ltd is to undertake hydrographic surveys on behalf of the Maritime and Coastguard Agency (MCA), as part of the Civil Hydrography Programme. The surveys are to take place in 4 survey areas along the south coast of the UK.

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Areas Centered on</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gardline</td>
<td>HI 1475 –Dungeness to Hastings</td>
<td>50°50.000'N 00°50.000'E Early May for 10 Weeks</td>
</tr>
<tr>
<td>MV Vigilant PBNX</td>
<td>HI 1476 –Hastings to Beachy Head</td>
<td>50°40.000'N 00°25.000'E</td>
</tr>
<tr>
<td>MV Titan Endeavour 2ELT9</td>
<td>HI 1477 –Beachy Head to Newhaven</td>
<td>50°40.000'N 00°10.000'E</td>
</tr>
<tr>
<td></td>
<td>HI 1478 –Newhaven to Shoreham</td>
<td>50°45.000'N 00°10.000W</td>
</tr>
</tbody>
</table>

For further information: Oliver Harris, Gardline Hydro, Tel: +44(0)1493 845 600 email: oliver.harris@gardline.com

**Race Bank Offshore Wind Farm – Survey**

Purpose of the survey: A survey is required to verify the presence of Annex I reef features within the area of the Race Bank wind farm and export power cable route ahead of any construction. Additionally the survey will sample the pre-construction benthic (seabed) environment within and beyond the construction area.

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area Coordinates</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dong Energy Precision 1 2FCD2</td>
<td>53°15.506'N 001°06.677'E</td>
<td>01°54.658'N 000°15.678'E 1st July - 17th July 2015</td>
</tr>
</tbody>
</table>

For further information: Lasse Hartvig Hirsch, DONG Energy Ltd, email: LASHI@dongenergy.co.uk
Seabed Activity

North Coast Cornwall – Wave Hub 2015 Navigation Buoy Maintenance

Please be advised that THV Galatea – MRDQ7 is scheduled to carry out navigation buoy maintenance at the Wave Hub offshore site between the 18th and 25th July 2015 or as soon as possible thereafter as weather permits.

The work is estimated to take two days and a further notice will be issued when the scheduled maintenance is complete.

The work will be confined to the vicinity of each Wave Hub navigation buoy, positions as follows:

<table>
<thead>
<tr>
<th>Wave Hub AtOn</th>
<th>Details</th>
<th>Coordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wave Hub NW – N18100</td>
<td>North Cardinal – 3m Diameter Buoy</td>
<td>50°23.059’N 05°38.241’W</td>
</tr>
<tr>
<td>Wave Hub SE - N18107</td>
<td>South Cardinal – 3m Diameter Buoy</td>
<td>50°20.637’N 05°35.006’W</td>
</tr>
<tr>
<td>Wave Hub Site NW – N18101</td>
<td>Special Mark – 3m Diameter Buoy</td>
<td>50°22.791’N 05°37.943’W</td>
</tr>
<tr>
<td>Wave Hub Site NE – N18102</td>
<td>Special Mark – 3m Diameter Buoy</td>
<td>50°22.999’N 05°35.901’W</td>
</tr>
<tr>
<td>Wave Hub Site SE – N18106</td>
<td>Special Mark – 3m Diameter Buoy</td>
<td>50°20.894’N 05°35.378’W</td>
</tr>
<tr>
<td>Wave Hub Site – N18105</td>
<td>Special Mark – 3m Diameter Buoy</td>
<td>50°20.542’N 05°37.190’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.

The data from the buoy is publicly available for the benefit of all mariners operating in the area: http://www.wavehub.co.uk/wave-hub-site/live-wave-data

For further information: Julius Besterman, Wave Hub, Tel: 01736 800291  email: Julius.besterman@wavehub.co.uk

Seabed Activity

North Coast Cornwall – Cable Exposure

Please be advised that the Wave Hub main 33kV cable remains exposed in places in St Ives Bay. Fishermen should therefore exercise extreme caution if fishing or mooring in the vicinity of the cable

<table>
<thead>
<tr>
<th>KP</th>
<th>Coordinates</th>
<th>Seabed Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.90</td>
<td>50° 12.691’N 05° 25.639’W</td>
<td>12.5m</td>
</tr>
<tr>
<td>8.10</td>
<td>50° 14.222’N 05° 29.945’W</td>
<td>27.2m</td>
</tr>
</tbody>
</table>

Background:

The Wave Hub Renewable Energy Development Area is connected to the shore substation via double armoured 160mm diameter live 33kv cable, approximately 25km long and consisting of 6 copper and 48 fibre cores.

Details:

1) From the shore to KP1.9 the subsea power cable is buried to the design depths
2) From KP 1.9 to KP 8.1 the subsea power cable is in parts exposed or carries a high risk of exposure
3) From KP 8.1 to the Wave Hub itself (KP 25) the subsea power cable is surface laid and covered by a continuous rock berm

As of April 2015 the Wave Hub Development Area and cable route is to be included in the Kingfisher KIS-ORCA awareness charts and plotter updates for fishermen: http://www.kis-orca.eu/map

A specific Kingfisher Awareness Chart for Wave Hub is available at: http://www.kis-orca.eu/media/76110/WaveHub_LRes.pdf

For further information: Marco Piano, SEACAMS, Tel:+44 1248 382818  email: m.piano@bangor.ac.uk
Seabed Activity

West of Duddon Sands Offshore Wind Farm – Construction

All of the turbines have been installed but the wind farm has not yet been commissioned. All of the Inter-Array or Infield cables have been buried and burial depth surveys are continuing to confirm depth and acceptance as weather and conditions permit.

- 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>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>54°00.15’N</td>
<td>003°33.52’W</td>
<td>53°56.64’N</td>
<td>003°25.37’W</td>
</tr>
<tr>
<td>54°01.78’N</td>
<td>003°26.67’W</td>
<td>53°56.72’N</td>
<td>003°29.33’W</td>
</tr>
<tr>
<td>53°58.35’N</td>
<td>003°22.80’W</td>
<td></td>
<td></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: Tom Watson, Tel: 01253 875565, Mob: 07903 173 624

Seabed Activity

Gwynt y Môr Offshore Wind Farm – Subsea Export Cable Works

Mariners are advised that following recent cable maintenance works conducted by Balfour Beatty, a short stretch of cable remains exposed on the seabed.

A Notice to Mariners has been issued to advise of the location of this cable.

The export cable is exposed between the following locations:

Position A: 53° 24.461’N 003° 35.326’W
Position B: 53° 24.226’N 003° 34.733’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

Ormonde Offshore Wind Farm – Missing Buoy

The South and West Cardinal Buoys at the Ormonde Wind Farm are still reported as missing but replacement buoys have been ordered and are expected to be in place by the end of July.

All mariners are requested to keep a lookout for any drifting buoys and either contact me or the Ormonde Wind Farm direct on 01229 311118.

The position of the buoys when on station at Ormonde:

- South Buoy – N18039 54°03.79’N 003°25.43’W
- West Buoy – N18043 54°05.51’N 003°28.69’W

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

Walney Offshore Wind Farm –

The offshore work vessel ‘WIELINGEN’ is on site at the WALNEY 1 OFFSHORE WIND FARM on or around Thursday May 7th to support a programme of oil change at all of the 51 Turbines.

This programme is expected to last until late July and ‘WIELINGEN’ will be based in Barrow for re-fuelling and loading.

All mariners, and especially fishermen, are requested to give a wide berth to ‘WIELINGEN’ whenever this vessel is in transit and a 500 meter safety exclusion zone will be in force around each Turbine where ‘WIELINGEN’ is working.

Deployment

DONG energy intend to deploy a FLiDAR Buoy within the proposed Walney Extension Wind Farm Site shortly after the Easter period. The FLiDAR Buoy will be deployed in position: 54°00.37’N 003°34.05’W (Depth 23.9m (LAT)).

The Buoy will remain at this location for approx. 50 days before being re-sited to a position at the NW corner of the West of Duddon Sands Wind Farm close by the Met Mast, when a new notice will be issued, in position: 54°00.13’N 003°33.38’W.

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

Robin Rigg Offshore Wind Farm

The High Voltage Outage at the ROBIN RIGG WIND FARM has been corrected but the Navigation Lights on three Turbines situated at the Western Section of the Wind Farm are not working.

The Navigation lights affected are on Turbines – RR-K01 : RR-G01 and RR-J06

Replacement Navigations Lights have been sourced and the intention is to have them fitted by the end of the month, weather and conditions permitting.

All mariners are requested and advised to exercise caution when navigating in the vicinity of ROBIN RIGG, additional updates will be issued as soon as further information is available.

Please refer to the attached ‘kingfisher Flyer’ for all the information relating to this Wind Farm

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