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.

What’s inside?

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

Area 2 (p.4)
1. Seabed Activity
2. Survey Activity

Area 3 (p.5-9)
1. Notice to Fishermen
2. Seabed Activity
3. Survey Activity

Area 4 (N.A)
1. No Content

Area 5 (p.10-11)
1. Seabed Activity

Area 6 (N.A)
1. No Content

Extra… (p.12)
1. Awareness Charts
2. Fishing Plotter Files

Produced by The Kingfisher Information Service of Seafish, in conjunction with The Crown Estate.
Any queries please contact Kingfisher Information Services, Sea Fish Industry Authority, Humber Seafood Institute, Origin Way, Europarc, Grimsby, DN37 9TZ
email: kingfisher@seafish.co.uk website: www.kingfishercharts.org tel: +44 (0)1472 252307 fax: +44 (0)1472 268792
Notice to Mariners

Bluemill Sound (Shetland) – Subsea Tidal Turbine

The purpose of the operation is to deploy a subsea tidal turbine in the Bluemill Sound, Shetland, and to deploy a cable from the turbine to Cullivoe Pier.

Multicat vessel Voe Earl will conduct offshore and subsea operations. Works will include loading and preparatory work at Belmont Pier and Cullivoe Pier. The work will be conducted during September; operations could take place during day or night.

Turbine installation work will be conducted within a 300m radius of the turbine deployment site, marked with a red circle in the chart below. Work will also be conducted along the cable route; cable waypoints are listed.

Turbine Deployment location: 60°41.908’N 00°59.016’W

Cable Way Points:  
- 60°41.878’N 00°59.862’W
- 60°41.813’N 00°59.701’W
- 60°41.815’N 00°59.437’W
- 60°41.818’N 00°59.400’W
- 60°41.835’N 00°59.217’W
- 60°41.869’N 00°59.101’W
- 60°41.900’N 00°59.030’W
- 60°41.878’N 00°59.917’W
- 60°41.813’N 00°59.862’W

One temporary buoy will be deployed at the site for the duration of operations, in the vicinity of the following location:

60°41.908’N 00°59.016’W

For further information: Gavin McPherson, Nova Innovation, Tel: 0131 5542242  email: gavin.mcpherson@novainnovation.com

Seabed Activity

Meygen Tidal Project (Pentland Firth) – Works

Installation of subsea tidal turbines and their associated cables will take place in the Pentland Firth Inner Sound, between July 2015 and December 2016, in the area bounded by the following positions:

- 58°40.200’N 003°06.400’W
- 58°38.800’N 003°04.200’W
- 58°39.600’N 003°11.400’W
- 58°40.100’N 003°08.500’W

There will be working vessels and support craft operating in the area. Temporary navigation marks may also be encountered. Mariners are advised to navigate with caution in this area. The turbines, once installed, will not be a hazard to surface navigation.

For further information: James Fisher Marine Services, Tel: 01856833180  mob 07747843712  email: s.groundwater@james-fisher.co.uk
### Survey Activity

**Beatrice Offshore Windfarm Ltd – Survey**

Please be advised that MMT Limited will be carrying out geophysical and geotechnical survey within the Beatrice Offshore Wind Farm site and cable corridor in the outer Moray Firth, off the north east coast of Scotland.

<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>MMT Ltd Franklin – SEIN Ice Beam - SFKH</td>
<td>1. 57°40.032’N 3°02.933’W</td>
<td>01/08/2015 For 6 to 8 Weeks</td>
</tr>
</tbody>
</table>

**For further information:** Courtney French, Brown & May, Tel: 01379 872145 email: courtney@brownmay.com

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### 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.

<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>2. 58°38.936’N 002°11.958’W</td>
<td>3. 58°03.124’N 002°12.977’W</td>
<td>4. 58°03.127’N 003°20.326’W</td>
</tr>
</tbody>
</table>

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

Hazard – Dropped Object – Blyth Demonstrator Project

Please note that a 55m section of 8inch drill casing has been dropped along with an 18m section of 8inch drill pipe. Local fishing vessels are advised to remain clear of at least 500m from the location.

Position:
55°08.870’N 001°24.794’W

For further information: Simon Prince, Specialist Marine Consultant Ltd, Tel: +44(0) 7920 273866 email: simonp@smchse.com

Deployment of Buoys

Inch Cape Offshore Limited – Wave Buoy

A Waverider buoy of 0.9m diameter, painted yellow, will be deployed with a single point mooring.


The Waverider buoy will remain in place for 12 months until Aug/Sept 2016 and during this time avoidance to a range of 300m is requested.

For further information: Judy McKay, Partrac, Tel: 0141 202 0644 email: jmckay@partrac.com

Deployment of Buoys

Western Approach to Sound of Taransay – Wave Buoy

A Datawell Waverider buoy of 0.7m diameter, painted yellow, will be deployed with a single point mooring.

Position: 57°51.300’N 007°02.400’W

Off the Isle of Harris in the western approaches to the Sound of Taransay. The buoy has a swing radius of 50m and is fitted out with a light Fl5 Y (20s). From 17th July 2015 – 31 January 2016

For further information: Arne Vogler, Hebrides MAren Services Ltd, Tel: +44(0)1851 770 325 email: arne.vogler@uhi.ac.uk
Seabed Activity
First Published: 27 August 2015 | Latest Update: 27 August 2015

Navitus Bay Offshore Wind Farm – Pipe Installation

The marker buoy for the water level recorder has broken its moorings. The wave recorder device is believed to remain on the seabed undisturbed but is now unmarked.

50°27.752'N 01°46.954'W

Mariners in the vicinity are requested to steer clear of the Wind Lidar buoy and water level recorder as before but take particular care if the area cannot be avoided. A new marker buoy will be attached to the sea level recorder as soon as practical and in all cases before the end of September.

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

Seabed Activity
First Published: 23 April 2015 | Latest Update: 10 August 2015

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

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 have commenced the inter-array and export cable laying works.

The Vessels
The array cable laying works is by the barge Nostag 10 supported by the tug Torsten. 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.

1. 51°27.983'N 001°01.965'E
2. 51°28.110'N 001°03.230'E
3. 51°26.820'N 001°04.850'E
4. 51°27.140'N 001°08.040'E
5. 51°26.800'N 001°08.450'E
6. 51°26.738'N 001°08.544'E
7. 51°26.516'N 001°06.325'E
8. 51°22.579'N 001°06.221'E
9. 51°22.343'N 001°05.980'E
10. 51°22.330'N 001°05.980'E
11. 51°22.332'N 001°05.938'E
12. 51°22.561'N 001°05.445'E
13. 51°26.438'N 001°05.547'E
14. 51°26.281'N 001°04.090'E
15. 51°26.362'N 001°04.001'E
16. 51°26.825'N 001°03.419'E
17. 51°27.983'N 001°01.965'E

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

Seabed Activity
First Published: 30 July 2015 | Latest Update: 05 August 2015

Dudgeon Offshore Wind Farm – Pipe Installation

VBMS will carry out pipe installation works as part of the preparations for the installation of the Dudgeon Offshore Wind Farm. Two ±1100m Polyethylene pipes will be installed into two HDD bore holes that have already been completed.

The barge "Stemat 82", multipurpose vessels "Nova K" and "Fenna B" and a CTV/survey vessel "Volans" will be in the specified area during the works (see below map). Diving activities will also be undertaken during the installations.

ETA of the spread on location: 10-08-2015. The spread will be working in the area for an expected duration of 20 days.
The boundaries of the working area are indicated by cardinal buoys, the buoys will be installed on date of spread arrival. The buoys are positioned on the following coordinates:

**North Buoy:** 52°57.896'N 01°08.347'E

**East Buoy:** 52°57.370'N 01°09.262'E

**West Buoy:** 52°57.343'N 01°07.477'E

For further information: J Bolhoven, VBMS, Tel: +31 (0) 786417500 email: j.bolhoven@vbms.com

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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**

- 53°18.384’N 01°19.303’E
- 53°15.691’N 01°19.088’E
- 53°12.596’N 01°25.757’E
- 53°14.686’N 01°25.924’E
- 53°14.320’N 01°26.673’E

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

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Seabed Activity

**Humber Gateway Offshore Wind Farm** – Foundation Installation Phase 1

**Fugro Saltire:** Has finished rock bag placing and is now in Immingham Dock Demobbing.

**DBB Wind Server Jack up vessel** will be on site in the first week of August to replace the gearbox on D10.

**Please note all peripheral foundations installed have Temporary Navigational aids fitted and are all operational**

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

**Seabed Activity**  
First Published: 11 September 2014 | Latest Update: 26 July 2015

**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.co.uk

**Seabed Activity**  
First Published: 02 July 2015 | Latest Update: 02 July 2015

**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 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

**Survey Activity**  
First Published: 27 August 2015 | Latest Update: 27 August 2015

**Rampion Offshore Wind Farm – Survey**

E.ON Climate and Renewables – Rampion Offshore Limited has contracted EGS International to conduct a geophysical site investigation into the proposed Rampion Offshore wind farm site.

The wind farm site is situated between 15 and 26km off the Sussex coast, along the stretch of coastline between Worthing and Newhaven. EGS international will be undertaking the geophysical site investigation at up to 116 proposed wind turbine locations within the site area.

<table>
<thead>
<tr>
<th>Proposed Offshore Windfarm</th>
<th>Proposed Export Cable Route</th>
</tr>
</thead>
<tbody>
<tr>
<td>50°41.21’N 00°22.15’W</td>
<td>50°48.93’N 00°21.94’W</td>
</tr>
<tr>
<td>50°42.81’N 00°12.19’W</td>
<td>50°49.34’N 00°19.29’W</td>
</tr>
<tr>
<td>50°39.37’N 00°10.87’W</td>
<td>50°42.24’N 00°15.76’W</td>
</tr>
<tr>
<td>50°37.63’N 00°21.16’W</td>
<td>50°41.82’N 00°18.38’W</td>
</tr>
</tbody>
</table>

Survey operations on EGS Pioneer – 2EGS9 commenced on 8th June 2015 and be carried out for approx.. 8-10 weeks.

For further information: Courtney French, Brown & May Marine Ltd,Tel:+44(0)1379 872145, +44(0)7702710178 email: Courtney@brownmay.com
For ‘live’ Kingfisher updates of offshore activities, visit www.kis-orca.eu and follow @KingfisherInfo on Twitter

Survey Activity

First Published: 27 August 2015 | Latest Update: 27 August 2015

Race Bank Offshore Wind Farm – UXO Survey

NOTICE IS HEREBY GIVEN that commencing on the 27th August 2015, the vessel FAIRLINE SURVEYOR will carry out further deployment of four marker buoys within the Wash area, marking locations of confirmed UXO’s.

The yellow special IALA marker buoys will be positioned approximately 50 metres from confirmed UXO targets. The buoys are yellow and 1.25m diameter, with a St Andrews cross, radar reflector and lit with a yellow light. Long Flash 15s visible at 2 nautical miles.

Buoys Positions:
- 53°18.170’N 00°46.398’E
- 53°17.706’N 00°47.065’E
- 53°18.292’N 00°49.634’E
- 53°19.486’N 00°46.415’E
- 52°52.965’N 00°15.246’E

The expected time of disposal is September 2015.

ALL VESSELS ARE REQUESTED to keep a safe distance from the Fairline Surveyor when she is deploying the buoys, of no less than 500 metres and navigate with caution when in the vicinity of the vessel.

Fairline Surveyor will exhibit the lights and shapes prescribed by the International Regulations for Preventing Collisions at Sea and will maintain a listening watch on IMM VHF 16.

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

Survey

First Published: 16 July 2015 | Latest Update: 11 August 2015

Greater Gabbard Offshore Wind Farm – Survey

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 2 Month, weather depending. The following co-ordinates are where the operations will take place.

<table>
<thead>
<tr>
<th>Start</th>
<th>Leiston</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>52°12.325’N</td>
<td>01°37.749’E</td>
</tr>
<tr>
<td>Finish</td>
<td>IGSUB</td>
<td>51°54.846’N</td>
<td>01°56.606’E</td>
</tr>
<tr>
<td></td>
<td>GASUB</td>
<td>51°47.190’N</td>
<td>01°57.473’E</td>
</tr>
</tbody>
</table>

A 500 meter exclusion zone will be in force around the vessels at all times, If you need to approach any of the vessels please contact them on VHF Ch16.

For further information: Lee Brown, SSE Wind Generation, Tel: +44 (0)1502 524001, Mob: +44(0) 7747 559508, Email: lee.brown@sse.com
Survey Activity

Triton Knoll Offshore Windfarm Ltd – Survey

Mariners are advised that hydrographic surveys will be conducted within the Triton Knoll Offshore Wind Farm, approximately 50 kilometres (km) off the Lincolnshire coast at its nearest point from 14th July 2015.

<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>MV Ivero – PVKA</td>
<td>1. 53°24.259’N 001°00.462’E 4.53°29.100’N 000°40.900’W</td>
<td>14/07/2015 For 8 Weeks</td>
</tr>
<tr>
<td>MV Confidante – ZQZ15</td>
<td>2. 53°32.553’N 000°51.917’E 5.53°24.245’N 000°55.908’W</td>
<td></td>
</tr>
</tbody>
</table>

For further information: Cliff Whatrup, Gardline, Tel: +44(0)1493 845600 email: cliff.whatrup@gardline.com

Survey Activity

Lincoln and Lynn Offshore Wind Farm – Diving Works

Lincoln and LID Offshore Wind Farms wish to advise mariners that a scope of diving works is to be undertaken within the main array sites of the LID & Lincoln Offshore Wind Farm. The work commenced on 5th August 2015.

The duration of the works is 14 days subject to weather conditions. The diving will be supported by a primary dive vessel the Valdemar M – OWCJ2, supported by the anchor handling tug MPR 1 - PCBX.A mooring trial will take place near the Docking Shoal Metmast followed by diving works.

The diving works will take place at the following: LS02: 53°08.733’N 00°29.400’E LS30: 53°08.750’N 00°29.400’E

Lynn and Inner Dowsing- Alongside the following turbines: LN04, ID14, ID16, ID24, LN29 and ID30 and then at one of the following turbines ID15, ID16, ID24 & ID28

The dive vessel will be moored at the above locations with a 4 point mooring with anchor wires extending around 100m from the vessel. Mariners should maintain a safe clearance distance of at least 500m whilst the vessel is deploying anchors and whilst moored. Any vessel requiring access to this safe clearance zone should only do so with permission from the vessel captain. The diving from the vessel will occur during high and low slack water periods. During this time mariners must adhere to an exclusion zone of 500m around the vessel.

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

Deployment of Buoys

North East Coast England – Wave Buoy

Fugro EMU kindly request a clearance distance of 200 m minimum to the deployed Wave Buoys, part of the North East Coast Wave Buoy Network and under no circumstances moor to any part of the deployed mooring or buoys

Scarborough: 54°17.629’N 000°19.074’W Whitby: 54°30.277’N 000°36.559’W

The buoys are moored using a rotational and therefore tidally influenced mooring design, with a 30 m rubber bungee close to the surface, marked at one end by the wave buoy and at the other end by a 1.2 m diameter marker buoys.

The marker buoys are a 1.2 m diameter, 1.5 m focal height, yellow marker buoy complete with radar reflector and yellow flashing LED light (flashing 5 times every 20 seconds).

For further information: Matthew Linham, Fugro EMU Ltd, Tel: +44 (0)239 5500 email: m.linham@fugro.com
Robin Rigg Offshore Wind Farm

The Navigation and Aviation Lights that are situated on Turbine position A1 have been taken out of service and will eventually, after the completion of survey work, will be re-positioned on to the Turbine at position A2.

The Aviation Light on D1 will eventually, again after survey and other works, be moved to Turbine position C1 with an additional Aviation Light being situated on Turbine position E1.

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.

Walney Offshore Wind Farm –

The self-propelled Jack-up ‘Sea Installer’ is currently jacked-up at a Turbine position inside the Walney 2 Offshore Wind Farm.

‘Sea Installer’ will jack-up at two Turbine positions D12 and E12 and carry out component exchanges.

Once the work is completed at Walney 2, ‘Sea Installer’ will then transit to the Burbo Bank Offshore Wind Farm to carry out similar work there at Turbine position BB13, expected duration of work at Burbo 4 / 5 days.

A 500 meter Safety Exclusion Zone is requested around ‘Sea Installer’ at all times while on site.

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.

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

For further information: Lee Cornwell, RWE npower renewables, Mob: +44 (0) 7557 319473, Email: lee.cornwell@rwe.com
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 Fly(5) 20s - range 1nm All Turbines have been installed.

<table>
<thead>
<tr>
<th>Boundary of Location Activities:</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<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></td>
<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></td>
<td>53°59.35’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
## Local Awareness Charts

<table>
<thead>
<tr>
<th>Chart</th>
<th>Area</th>
<th>Location</th>
<th>Turbines</th>
<th>Developer</th>
<th>Completed</th>
<th>Link</th>
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## National Awareness Charts

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## National Fishing Plotter Files

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