The shaded blocks below indicate the areas of activity published within this Bulletin.

This Bulletin, along with previous issues, can be viewed at: www.kingfishercharts.org, or you can register for an email alert by contacting: kingfisher@seafish.co.uk

All co-ordinates listed in this Bulletin refer to WGS84 datum
Neart na Gaoithe Offshore Windfarm – Metocean Buoy Deployment

On the 20th April 2014, Neart na Gaoithe Offshore Wind Limited deployed two metocean buoys at their offshore Wind Farm site approximately 21km east of the Fife coast, location details are as per the deployment section of the table 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 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 and 56°15.654’N 02°15.029’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 stay in place for up to 12 months (until approx. 20th April 2015).

For further information, please contact: Keith D Harsham, Main stream, Tel: +44(0) 2077765515 email: Keith.Harsham@mainstreamrp.com

Outer Moray Firth – Survey Activities

Please be advised of the following marine survey operations that are taking place on behalf of Moray Offshore Renewables Limited (MORL) in the outer Moray Firth.

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area Covered</th>
<th>Start Timeframe &amp; Duration</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gardline</td>
<td>Approximate Survey Area:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MV Titan Explorer (Call Sign: MZUZ2)</td>
<td>1. 57°40.000’N 002°55.000’W 2. 58°20.000’N 002°55.000’W 3. 58°20.000’N 002°33.000’W 4. 57°40.000’N 002°33.000’W</td>
<td>1 May 2014 For 40/50 Days</td>
<td></td>
</tr>
<tr>
<td>MV Ivero (Call Sign: PCKA)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MV Vigilant (Call Sign: PBNX)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fugro Ltd</td>
<td>Approximate Survey Area:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MV Ocean Dawn (Call Sign: HP3209)</td>
<td>1. 58°11.800’N 002°40.883’W 2. 58°11.800’N 002°41.033’W 3. 57°41.033’N 002°44.733’W 4. 57°40.267’N 002°33.250’W</td>
<td>1 May 2014 For 4 Days</td>
<td></td>
</tr>
</tbody>
</table>

For further information, please contact: Andrew Hamilton, EDPR, Tel: + 44 (0)131 556 7602, Email: Andrew.Hamilton@edpr.com
London Array Wind Farm – Construction Works

Construction works at London Array Offshore Wind Farm are complete and the wind farm is operational. However, remedial construction works are required at a number of turbines and inter array cable locations.

Diving Operations

Please be advised that Red7Marine Offshore Ltd on behalf of London Array Offshore Ltd will be undertaking Diving and Construction work within the London Array Offshore Wind Farm. Operations will be conducted from the vessel ‘Red7 Reel’, a support RIB ‘COM III’ and shallow water vessel ‘Myss’ operated by Red7Marine Offshore Ltd. During operation the Red7 Reel will be acting as a mothership for the ‘COM III’ and ‘Myss’. Throughout all diving operations a 500m exclusion zone will be enforced around each vessel.

Estimated start date: 5 April 2014  Estimated finish date: August 2014

In order to avoid damage to the wind farm assets whilst remedial construction is conducted at London Array the following guidelines should be adhered to:

- Safety Exclusion Zones remain in operation for October 2013 and will be reinstated in March 2014 through to November 2014. This means an enforceable 50m safety zones from each turbine and 500m safety zones from a construction vessel will be in operation for this period.
- Between October 2013 and November 2014 an advisory 100m safety zone should be observed around each turbine and offshore substation due to the risk of exposures of array cable ends at foundations whilst remedial works are on-going.
- Cable reburial is required at the following locations and as such these areas should be avoided in totality.

<table>
<thead>
<tr>
<th>Location</th>
<th>Coordinates</th>
<th>Length of Exposure</th>
<th>Location</th>
<th>Coordinates</th>
<th>Length of Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location 1</td>
<td>51°35.149’N 001°27.963’E</td>
<td>20m</td>
<td>Location 5</td>
<td>51°37.688’N 001°28.851’E</td>
<td>6m</td>
</tr>
<tr>
<td>Location 2</td>
<td>51°35.447’N 001°31.478’E</td>
<td>8m</td>
<td>Location 6</td>
<td>51°41.232’N 001°29.899’E</td>
<td>5m</td>
</tr>
<tr>
<td>Location 3</td>
<td>51°36.653’N 001°28.513’E</td>
<td>7m</td>
<td>Location 7</td>
<td>Start: 51°37.954’N 001°26.029’E End: 51°38.412’N 001°25.904’E</td>
<td>926m</td>
</tr>
<tr>
<td>Location 4</td>
<td>51°38.153’N 001°26.331’E</td>
<td>5m</td>
<td>Location 8</td>
<td>Start: 51°41.420’N 001°30.882’E End: 51°41.115’N 001°30.397’E</td>
<td>865m</td>
</tr>
</tbody>
</table>

- Care should be taken within the wind farm site to avoid snagging array cables. Although not expected, natural seabed variation may reduce the depth of burial over buried cables without London Array’s immediate knowledge.
- Snagging cables not only poses a risk to health and safety but could also cause a serious risk of damage to wind farm assets.

For further information, please contact: Email: londonarraytraffic@dongenergy.dk, Tel: +44(0)7909414690 or +45 31727585

Dogger Bank Wind Farm – Operations & Maintenance on Met Masts (Complete)

Mariners are advised that Forewind’s recent Operations and Maintenance (O&M) work at the two meteorological masts within the Dogger Bank Round 3 wind farm zone have now concluded.

Both masts have working navigation aids and the Fog Horn on Met Mast West has now been energised. Fog Horns on both masts are now operational. The names and locations of the meteorological masts are:

Dogger Bank Met Mast Sign: DB-MME 55°05.851’N 002°42.064’E
Dogger Bank Met Mast Sign: DB-MMW 54°51.872’N 01°49.082’E

For further information, please contact: Nachaat Tahmaz, Forewind, Tel: 07818597854 email: nachaat.tahmaz@forewind.co.uk or Nigel Proctor, Fisheries Liaison Officer, Tel: 07702730891 email: n.proctor@precisionmarine.co.uk
For live’ Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

Westernmost Rough Wind Farm – Operations & Activities

The Westernmost Rough Offshore Wind Farm is located 8 km from the Holderness coast, approximately 25 km North of Spurn Head at the river Humber estuary. The wind farm will be made up of 35 Siemens 6MW turbines, with construction beginning in the first half of 2014 and the wind farm is expected to be fully commissioned in the first half of 2015.

- Foundation installation is commencing with the vessels Innovation and MPI Lucinda.
- Survey work on installed foundations is being undertaken by the vessel Foryd Bay.
- The guard vessel Marja is on site.

For further information, please contact: Marine Coordinator, Tel: +44 (0)7776 170914, Email: mcWMR@dongenergy.co.uk

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.

Boulder Removal Phase 3:
Atlantic Explorer will be conducting boulder clearance operations until further notice.

Array Cable Installation:
Atlantic Carrier is due on site in the next week to carry out trials.
Whalisa Lass: AHT

Foundation Installation Progress:
MPI Resolution is currently loading the next sequence of foundations and will be onsite within the next week. Please note all foundations installed have temporary navigational aids fitted and are all operational.

Important Locations:

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Lat</th>
<th>Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met Mast</td>
<td>V Q (9) 10s</td>
<td>53°38.237N</td>
</tr>
<tr>
<td>West Cardinal Lighted Buoy (N)</td>
<td>Q (9) 15s</td>
<td>53°37.000N</td>
</tr>
<tr>
<td>West Cardinal Lighted Buoy (S)</td>
<td>Q (6) + LFI 15s</td>
<td>53°36.500N</td>
</tr>
<tr>
<td>South Cardinal Lighted Buoy</td>
<td>Q (3) 10s</td>
<td>53°38.400N</td>
</tr>
<tr>
<td>East Cardinal Lighted Buoy (S)</td>
<td>V Q (3) 5s</td>
<td>53°39.930N</td>
</tr>
<tr>
<td>Wave rider No 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Export Cable End Markers (South of the Offshore sub-station) 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.

LAT | LONG
--- | ---
North End Cable | 53°39.248N | 00°15.181E
South End Cable | 53°39.280N | 00°15.215E

For further information, please contact: Gordon Bain, Eon Tel: +44(0) 7787241442 or Nigel Proctor (Fisheries Liaison) Tel: +44(0)7702730891
For ‘live’ Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

First Published: 27 June 2012 | Latest Update: 09 April 2014

Lincs Offshore Wind Farm – Aids to Navigation Outage

Mariners are advised of imminent changes to the marine navigation markings associated with the Lincs Offshore Wind Farm.

- Mariners are advised that the Fishing Vessel “Jubilee Spirit” (GY25) (Length 21m, Breath 7m) will be operating in and around the Lincs Site from the 14th of April, performing standard survey operations. Mariners are requested to give the vessel clearance during operations as the vessel will have restricted manoeuvrability.
- The Fishing vessel “The Two Brothers” (LN1) (length 9.8m breath 5.1m) will be operating in and around the Lincs site conducting normal survey works, from the 15th of April until the 30th of April. Mariners are advised to give this vessel clearance during operations as the vessel will have restricted manoeuvrability.

Mariners are advised that the following Aids to Navigation within the Lincs site remain out of operation and are undergoing maintenance works. Fog Horns on LS69

The locations and specification of the 8 permanent navigation aids, is shown below.

<table>
<thead>
<tr>
<th>Turbine N</th>
<th>Position</th>
<th>Permanent Marine Navigation Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS01</td>
<td>53°14.475’N 000°27.069’E</td>
<td>(F1 Y 5s) and Fog Horn</td>
</tr>
<tr>
<td>LS05</td>
<td>53°13.069’N 000°26.162’E</td>
<td>(F1 Y 5s)</td>
</tr>
<tr>
<td>LS13</td>
<td>53°09.451’N 000°28.503’E</td>
<td>(F1 Y 5s)</td>
</tr>
<tr>
<td>LS33</td>
<td>53°07.712’N 000°29.403’E</td>
<td>(F1 Y 5s)</td>
</tr>
<tr>
<td>LS52</td>
<td>53°14.843’N 000°30.010’E</td>
<td>(F1 Y 5s) and Fog Horn</td>
</tr>
<tr>
<td>LS59</td>
<td>53°12.451’N 000°31.016’E</td>
<td>(F1 Y 5s) and Fog Horn</td>
</tr>
<tr>
<td>LS64</td>
<td>53°10.803’N 000°31.047’E</td>
<td>(F1 Y 5s)</td>
</tr>
<tr>
<td>LS69</td>
<td>53°08.068’N 000°31.048’E</td>
<td>(F1 Y 5s) and Fog Horn</td>
</tr>
</tbody>
</table>

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

Kingfisher Awareness Flyer: Lincs Offshore Wind Farm

For further information, please contact: Angela Wilcock, RSS Marine, Tel: 0723 893930 email: awilcock@dsml.co.uk

First Published: 08 April 2014 | Latest Update: 08 April 2014

Rampion Offshore Wind Farm – Survey Activity

E.ON Climate and Renewables – Rampion Offshore Limited has contracted Fugro to carry out a geotechnical site investigation for the proposed Rampion wind farm. Fugro will be undertaking the geotechnical site investigation at up to 183 locations within the wind farm site area.

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area Covered</th>
<th>Start Timeframe &amp; Duration</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fugro</td>
<td>1. 50°41.167’N 000°22.018’W 2. 50°37.375’N 000°20.760’W 3. 50°38.505’N 000°16.478’W 4. 50°37.182’N 000°15.731’W 5. 50°39.891’N 000°13.552’W 6. 50°40.709’N 000°04.462’W 7. 50°42.417’N 000°13.802’W</td>
<td>16th April 2014 Until May/June 2014 21st April 2014 Until May/June 2014</td>
<td>Area 3</td>
</tr>
</tbody>
</table>

For further information, please contact: Vicki Griffiths, Tel: +44(0)1491 820 696 email: v.griffiths@fugro.co.uk

5 of 9
Greater Gabbard Offshore Wind Farm – Jack-up Barge Operations

Jack-up Barge operations will commence on 8th March 2014 on the Greater Gabbard offshore windfarm. The work is expected to last until 28th April 2014.

The following wind turbines and co-ordinates are where the operations will take place.

<table>
<thead>
<tr>
<th>Turbine</th>
<th>LAT</th>
<th>LONG</th>
</tr>
</thead>
<tbody>
<tr>
<td>IGB-03</td>
<td>51°56.399’N</td>
<td>01°52.733’E</td>
</tr>
<tr>
<td>IGB-01</td>
<td>51°58.062’N</td>
<td>01°54.496’E</td>
</tr>
<tr>
<td>IGE-06</td>
<td>51°56.015’N</td>
<td>01°55.781’E</td>
</tr>
<tr>
<td>IGF-01</td>
<td>51°56.748’N</td>
<td>01°57.005’E</td>
</tr>
<tr>
<td>IGI-09</td>
<td>51°53.076’N</td>
<td>01°57.071’E</td>
</tr>
<tr>
<td>GAF-02</td>
<td>51°46.888’N</td>
<td>01°59.903’E</td>
</tr>
<tr>
<td>GAD-07</td>
<td>51°45.546’N</td>
<td>01°57.545’E</td>
</tr>
<tr>
<td>GAE-07</td>
<td>51°44.904’N</td>
<td>01°58.136’E</td>
</tr>
</tbody>
</table>

Vessel Name: Sea-Jacks Leviathan  Call Sign: 3ESC6

A 500 meters Exclusion zone will be in force around the Jack-up Barge at all times, If you need to approach the Barge please contact them on VHF ch16.

For further information, please contact: Jonathan Kerr, SSE, Tel: +44(0)1379 870181  email: jonathan@brownmay.com

Sheringham Shoal Wind Farm – Malfunction of Lights

The following items relating to sign lighting are not functional within Sheringham Shoal Wind Farm. Sign lights are not navigational aids and are not to be used as such.

<table>
<thead>
<tr>
<th>Location</th>
<th>Position</th>
<th>ID Config</th>
<th>Defect</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS1</td>
<td>53°08.648’N 001°07.236’E</td>
<td>4 ID Boards around transition piece each with 3 lights (total 12 lights)</td>
<td>East ID light board, left bulb of 3 unlit West ID light board, right bulb of 3 unlit</td>
</tr>
<tr>
<td>OS2</td>
<td>53°07.602’N 001°10.549’E</td>
<td>4 ID Boards around transition piece each with 3 lights (total 12 lights)</td>
<td>North West ID light board, centre bulb of 3 unlit</td>
</tr>
<tr>
<td>H6</td>
<td>53°07.194’N 001°10.482’E</td>
<td>3 ID Boards around transition piece.</td>
<td>South East ID light board is unlit</td>
</tr>
</tbody>
</table>

For further information, please contact: Gary Lorimer, Statkraft, Tel: +44 (0)1328 824356  email: Gary.Lorimer@statkraft.com
For ‘live’ Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

Fair Head Tidal Energy – Seabed Frame Deployment

Deployment of three seabed frames with velocity profiling and pressure sensor equipment will take place on the week beginning 21 April 2014, dependent on suitable weather conditions. The equipment will remain in-situ for a minimum of 35 days and recovery will take place with the first available weather window after this time period. A marker buoy will not be used for this survey.

The deployment locations are as follows:
1. Loc 1 55°13.816’N 006°06.856’W 41m depth
2. Loc 2 55°13.704’N 006°06.787’W 42m depth
3. Loc 3 55°13.351’N 006°05.377’W 42m depth

For further information, please contact: David Fitzgerald, Tel: +353 (0) 22 23955, Email: david.fitzgerald@dpenergy.com

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.

From the 25th March 2014 until further notice the survey vessels RV Discovery and Confidante will be carrying out seabed investigations at various locations within the Gwynt y Môr Offshore Windfarm. The RV Discovery is replacing the Prince Madog with the Confidante joining as an additional vessel to assist in the survey work that started recently. All work will be conducted within the GyM site boundary. Other vessels are advised to observe a 500m safety zone around the vessels engaged in survey or diving operations.

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.
- **Array cables**: 53 array cables installed, 108 remaining.
- **Wind Turbine Generators**: 136 installed, 24 remaining.

Work planned for next 7 days
- **Friederich Ernestine** and support vessels will continue with foundation installation.
- **Wind Solution** will remain at anchor position to the south of Gwynt y Môr, sailing into Liverpool for shelter as required.
- **Sea Jack** and **Sea Worker** turbine installation vessels will continue with wind turbine installation.
- **Normand Torjber** will continue diving operations including work with the **Polar Prince** to aid installation of array cables.
- **HBC Supporter** will continue diving operations.
- **Isadale** will continue performing guard duties and will be used as the Marine Mammal Observation vessel as and when required.
- **Cable vessel *Sia*** will continue operations on site.
- **Polar Prince** will continue array cable installation with **Polar King**, assisted by CTVs Rix Panther and Rix Tiger.
- **Fugro Saltaire** will continue trenching & survey operations at Gwynt y Môr Offshore Wind Farm.
- **Survey vessel Line** will continue surveying operations.
- **Survey vessels Chartwell, Confidante and RV Discovery** will continue UXO survey operations (see notice to mariners here).
- **DSV Red7 Torjber** will continue with diving operations, assisting **Polar Prince** as required.
- **DSV Toisa Vigilant** will continue diving operations at the windfarm.

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, please contact: Lee Cornwell, RWE npower renewables, Mob: +44 (0) 7557 319473, Email: lee.comwell@rwe.com
Robin Rigg Offshore Wind Farm – Hazard / Plotter Files / Operations

The programme of maintenance work, along with the Bathymetric survey, at the Robin Rigg Wind Farm is continuing as and when weather and conditions allow. The Bathymetric survey is being carried out by the 12.3m catamaran survey vessel ‘MV Norfolk Swift’ and will cover the whole of the Wind Farm as well as the Export Cable corridor.

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, please contact: Tom Watson, Tel: 01253 875565, Mob: 07903 173 624

West of Duddon Sands Offshore Wind Farm – Construction Works

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.

The ‘Maersk Responder’ is continuing with trenching and burial works on the Inter-Array or Infield Cables as weather and conditions permit. There is now only one Guard Vessel on site ‘Ocean Harvester’. Further scour protection around turbine bases will be carried out by the DP Rock Dump vessel ‘Sea Horse’, which is expected during May 2014.

Rock Dump Positions
Please note that rock dumping has been undertaken where the export cables are exposed due to either bad ground or other cable/pipeline crossings. Surveys will be carried out along the both of the export cables, to determine if there are any other positions. Please contact the undersigned to receive locations of these sections.

Construction
Dive activities from Dive Support Vessels will operate as and when required inside of the WoDS perimeter. Mariners should note that a minimum 500 meter Safety Exclusion Zone will be in force around vessels at all times whenever they are on site at any location.

All turbine foundations and transition pieces have been installed. ‘Sea Installer’ is on site fitting Tower sections, Turbines and Blades. All of the Inter-Array or Infield Cables have been surface laid and are now being buried by ‘Maersk Responder’.

The Guard Vessel for the Wind Farm site is ‘Ocean Harvester’ and this vessel can be contacted on VHF Channels 16 & 12 for information relating to vessel movements inside the Wind Farm only.

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°58.35'N</td>
<td>003°22.80'W</td>
</tr>
<tr>
<td>53°56.64'N</td>
<td>003°25.37'W</td>
</tr>
<tr>
<td>53°56.72'N</td>
<td>003°29.53'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

In case of emergency, please contact: Dan Torben Christensen, Dong Energy, Tel: +44(0)7528921388 email: danch@dongenergy.dk
Walney 1, 2 & Extension Offshore Wind Farm – Construction Activity / Consultation

The DP vessel ‘Highland Eagle’ will berth in Liverpool on or around 24 April 2014 to mobilise for the Geotechnical Ground Investigation at the proposed Walney 3 Offshore Wind Farm. ‘Highland Eagle’ can be expected to arrive on site on or around Monday 28 April 2014 and is replacing ‘Gargano’, which has left this project, and will remain on site throughout May 2014.

Infield survey operations as well as Turbine and Foundation inspections will be carried out by the 14 meter survey vessel ‘Argus-G’ in the Walney 1 & 2 Wind Farms. These survey operations are expected to start on Wednesday 24 April 2014 and will last for approx. 8 weeks and are not expected to interfere with any other vessel but, as sensitive survey and sounding equipment will be in use, a wide berth is requested around ‘Argus-G’ at all times. ‘Argus-G’ will keep a listening watch on VHF Channels 16 and 12 and can be contacted for information regarding vessel movement only.

For a copy of the Kingfisher Awareness Flyers for the Walney Offshore Wind Farms, please contact the undersigned. Alternatively, click on the link below, or visit www.kingfishercharts.org

First Published: 12 March 2014 | Latest New: 12 March 2014

First Flight Wind – MetOcean Monitoring

On behalf of First Flight Wind Ltd, FUGRO EMU Ltd plans to undertake the first scheduled service of metocean monitoring equipment deployed within the Northern Irish Wind Resource Zone in the week commencing Sunday 16th March 2014 or at the earliest opportunity thereafter, weather and vessel dependent.

Equipment is currently deployed at two locations within the Northern Irish Wind Resource Zone:

Deployment Location 1 (northern location): 54°08.927’N, 005°43.365’W
Deployment Location 2 (southern location): 53°54.085’N, 005°50.227’W

Deployed equipment currently comprises the following:

- 2 x wave buoys (one per location)
- 2 x cardinal marks with straight line moorings (one per location)
- 2 x cardinal marks with L-shaped moorings complete with seabed frame (one per location)

Equipment is deployed for the collection of wave, tide, temperature, current, salinity and turbidity data. Equipment will be deployed until approx. November 2015.

Activity Details And Schedule

Servicing and data recovery from all deployed equipment is planned to take place during the week commencing Sunday 16th March 2014, weather and vessel dependent. The scheduled works are anticipated to require a total of 2-3 days. During this visit, both wave buoys will be recovered for servicing. Likewise, the seabed frames and moorings (inclusive of accompanying cardinal mark) will be recovered and serviced. All serviced equipment will be redeployed at its current location.

Marine users are requested to maintain a minimum clearance of 300m from the vessel during these works. A 300m clearance is also requested around all deployed equipment in order to avoid danger of damage, collision or entanglement.

For further information, please contact: Matt Linham, MetOcean Scientist, Tel: +44(0)2392 20503, email: matthew.linham@fugroemu.com or Fergal Darcy, DONG Energy, Tel: +44(0)207811 5474, email: ferda@dongenergy.co.uk