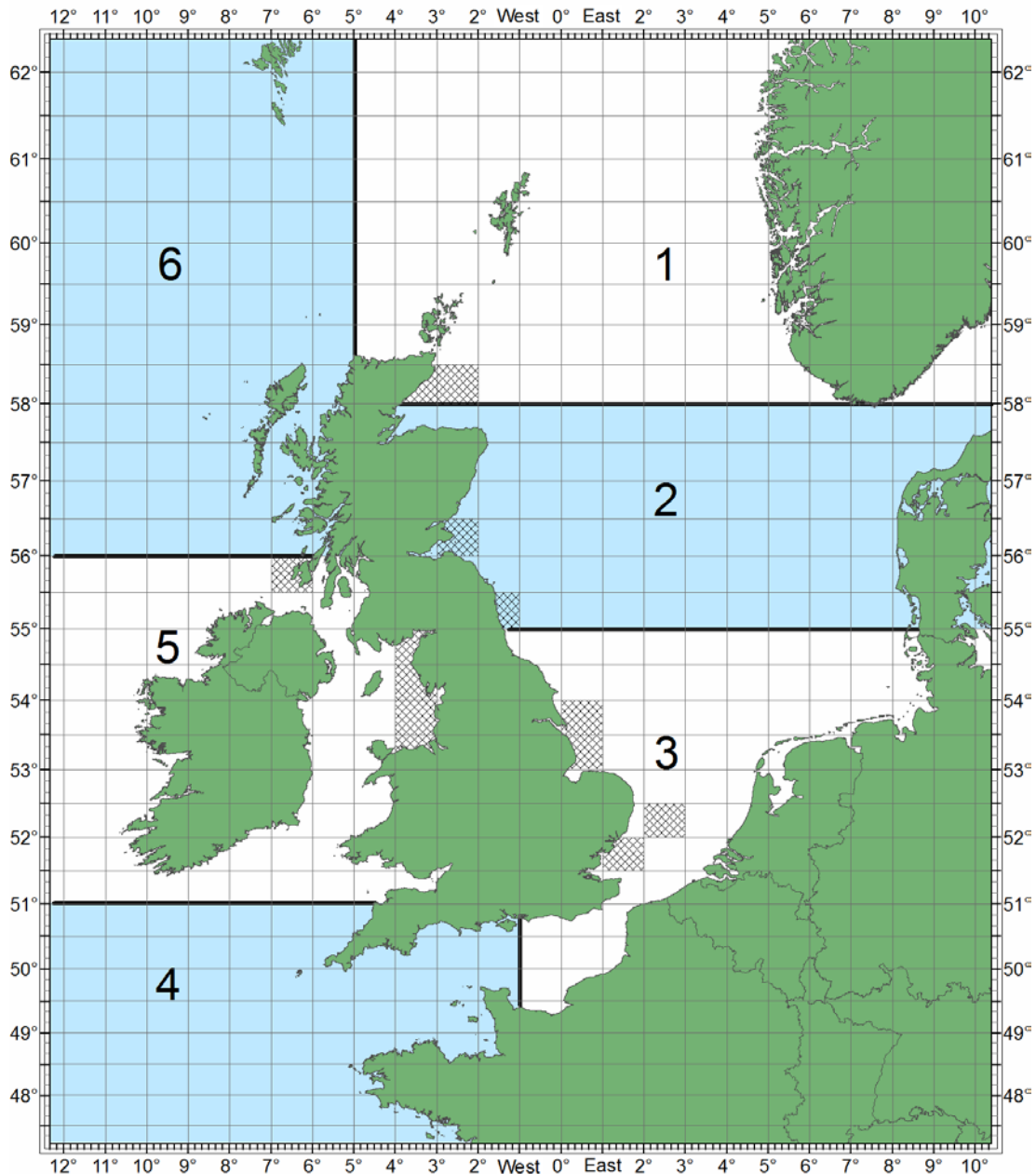


Offshore Wind and Marine Renewables

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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

Offshore Wind and Marine Renewables

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Area 1

For 'live' Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

First Published: 30 January 2014 | **Latest Update: 30 January 2014**

KIS-ORCA Information – KIS-ORCA 2014 Information Now Available

The latest release of KIS-ORCA data is now being distributed to fishermen and is available to download [here](#).

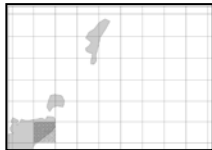
KIS-ORCA contains the positions of many new offshore renewable and cable structures and is available for the following fishing plotter systems: Sodena, Maxsea, Olex, Penta, SIS MicroPlot, Transas Navifisher, Litton FishMaster and TMPlanner Quodfish.

For further information, please contact: Kingfisher Information, using the details at the foot of this page.

First Published: 12 February 2014 | **Latest Update: 12 February 2014**

Beatrice Offshore Windfarm – Survey Activity

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 sandeel trawling at 103 locations within the wind farm area and 21 otter/ demersal trawls for cod

Company, Vessel & Call Sign	Area Covered	Start Timeframe & Duration	Area
Brown and May Marine Ltd MFV Seagull Call Sign: MVBO2	<ol style="list-style-type: none"> 58°25.982'N 003°19.831'W 58°25.982'N 002°28.920'W 57°57.657'N 002°28.920'W 57°57.657'N 003°19.831'W 	17 th February 2004 For 17 Days	

For further information, please contact: Marc Brownie, SSE Renewables, Tel: +44(0)141 2247095 email: Marc.brownie@sserenewables.com

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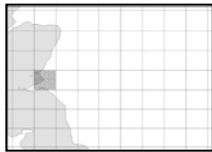
Area 2

For 'live' Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

First Published: 20 November 2013 | **Latest Update: 12 February 2014**

Neart na Gaoithe Offshore Windfarm – Survey Activity

Neart na Gaoithe Offshore Wind Limited will be carrying out 110 seabed Cone Penetration Tests (CPTs) at the Neart na Gaoithe offshore wind farm site. The Neart na Gaoithe offshore wind farm site is located in the outer Forth Estuary and is located approximately 15 km to the east of Fife Ness and 30 km to the north of Torness, Scotland. The survey will take place at the offshore wind farm site only.

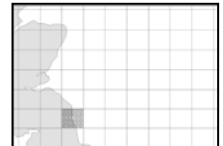
Company, Vessel & Call Sign	Area Covered	Start Timeframe & Duration	Area
Neart na Gaoithe Offshore Wind Ltd Fugro Commander Call Sign: HO3057	<ol style="list-style-type: none"> 56°15.227'N 002°09.995'W 56°12.677'N 002°09.351'W 56°12.708'N 002°14.095'W 56°12.722'N 002°16.390'W 56°15.435'N 002°19.725'W 56°15.783'N 002°20.152'W 56°17.386'N 002°20.329'W 56°19.708'N 002°17.923'W 56°20.268'N 002°16.615'W 56°20.127'N 002°15.007'W 	<p>The survey commenced 12th December 2013</p> <p>Approximate completion date is 27th February 2014 weather permitting.</p>	

For further information, please contact: Rosie Scurr Tel: +44 (0)141 249 6583 or +44 (0) 07967 445 717 rosie.scurr@mainstreamrp.com

First Published: 13 December 2013 | **Latest Update: 12 February 2014**

Neart na Gaoithe Offshore Windfarm – Metocean Buoy Deployment

Please be advised that Neart na Gaoithe Offshore Wind Limited have deployed two metocean buoys at the National Renewable Energy Centre (Narec) Blyth, at the locations below to measure (1) wind speed and direction and (2) waves and currents; both buoys have been deployed alongside each other. There are two pennant buoys floating on the surface above each of the two seabed anchors. The buoys are yellow, 1m long, diameter of 0.5m. They are attached to the anchors by steel wire.



The buoys deployed on 14th January 2014. The buoys will be in place for approximately 3 months.

The buoys have been deployed at the following locations:

55° 08.658'N 001°25.252'W anchors 220m north and south (92 m drift radius from centre point)
55° 08.594'N 001°25.371'W (82 m drift radius)

Specifications of the wind speed and direction measurement device

A standard marine buoy is located at Narec and will be serviced at 6 weekly intervals, and remain in place until further notice. The buoy is painted to IALA standard and is equipped with a radar reflector and an amber navigation light set to flash 5 times at 1Hz every 20 seconds. Its size is 4 metres x 9 metres (m) (5m above/4m below the water line) with a maximum weight of 7 tonnes. The mooring system is through the use of two delta flipper anchors with riser chains (maximum 250m each) and single connection to the buoy. Some of the chain will lie on the seabed.

Specifications of wave and current measurement buoy

A directional wave rider (DWR) buoy is located at Narec and will be serviced at 6 weekly intervals, and remain in place until further notice. The DWR buoy is painted to IALA standard and is equipped with an amber navigation light set to flash 5 times at 1Hz every 20 seconds. Its size is 0.9m diameter and is spherical in shape. The DWR buoy is moored to the seabed through a single bungee line attaching to the buoy which may float depending on current speeds. The result of this mooring configuration is a large excursion of the buoy about its mooring; we ask that passing vessels give the buoy a wide berth of approximately 300m.

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

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Area 3

For 'live' Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

First Published: 10 February 2014 | **Latest New: 12 February 2014**

Greater Gabbard Offshore Wind Farm – Jack-up Barge Operations

Jack-up Barge operations will commence on Monday 24th February 2014 on the Greater Gabbard offshore windfarm. The work is expected to last until Friday 28th April 2014.



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

<i>Turbine</i>	<i>LAT</i>	<i>LONG</i>
IGB-03	51°56.399'N	01°52.733'E
IGB-01	51°58.062'N	01°54.496'E
IGE-06	51°56.015'N	01°55.781'E
IGF-01	51°56.748'N	01°57.005'E
GAF-02	51°46.688'N	01°59.903'E

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

First Published: 15 November 2013 | **Latest New: 12 February 2014**

Race Bank – Met Mast Platform

DONG Energy wishes to make all mariners aware that the two lighted beacons on the platform of the former Race Bank Meteorological Mast are extinguished.



Additional caution should be exercised when in the vicinity of this platform. DONG Energy expects to repair or replace the AtoNs as soon as possible. Mariners are strongly advised to give the platforms a wide berth of at least 250m.

The Guard Vessel MV "Maggie M", currently in operation and will be relieved on or around midnight on 14th February 2014 by 'MV Mary Ann I'. The Guard Vessel MV "Maggie M/Mary Ann I", will be in operation in the vicinity of the Race Bank Meteorological Mast Platform from 01st February 2014. Deployment will continue until the navigational aid outage is repaired. The vessel will be issuing navigational warnings and communicating with passing traffic. A listening watch on Channel 16 will be maintained.

Coordinates
53°18.820'N 000°44.850'E

For further information, please contact: Simon Prince: Tel: 07920 273866, Email: sprince@rssmarine.co.uk

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Area 3

For 'live' Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

First Published: 27 June 2012 | **Latest Update: 10 February 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.

- Commissioning works at selected locations via various vessels
- Ongoing turbine transfer vessel activities at selected locations within the main Lincs Windfarm site

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 LS01, LS52, LS69. Aviation Lights on LS05.



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

Turbine N°	Position	Permanent Marine Navigation Specification
LS01	53°14.475'N 000°27.569'E	(FI Y 5s) and Fog Horn
LS05	53°13.069'N 000°28.162'E	(FI Y 5s)
LS13	53°09.451'N 000°28.503'E	(FI Y 5s)
LS33	53°07.712'N 000°29.403'E	(FI Y 5s)
LS52	53°14.843'N 000°30.010'E	(FI Y 5s) and Fog Horn
LS59	53°12.451'N 000°31.016'E	(FI Y 5s) and Fog Horn
LS64	53°10.803'N 000°31.047'E	(FI Y 5s)
LS69	53°09.088'N 000°31.048'E	(FI Y 5s) and Fog Horn

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: Email: Renewables@Centrica.com OR a Fisheries Liaison Officer (FLO)– Mob: 07831705192

First Published: 10 February 2014 | **Latest New: 10 February 2014**

Sheringham Shoal Offshore Wind Farm – Navigation Warnings

On Sunday 16th February the heavy lift, jack up vessel "Leviathan" is expected to arrive on the Sheringham Shoal to undertake essential maintenance on H8.

The vessel is expected to remain on site for 4-7 days. If weather is unsuitable the arrival date will be delayed. She will navigate onto the site via the South Gate between E8 and F8, and transit to H8. When the vessel has completed work on H8 she will navigate the same route out of the field and exit the site between E8 and F8.



LAT	LONG
53°04.984'N	01°13.553'E
53°06.033'N	01°09.757'E
53°06.483'N	01°09.383'E
53°06.869'N	01°09.646'E
53°06.470'N	01°11.142'E

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 ch10.

For further information, please contact: Mark Williamson, Statkraft, Tel: +44(0) 1328 824356 email: Mark.Williamson@statkraft.com

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Area 3

For 'live' Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

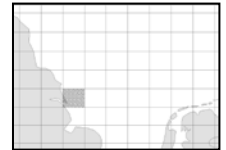
First Published: 14 August 2013 | **Latest New: 05 February 2014**

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.

Atlantic Explorer: will be carrying out boulder removal operations starting on the 18/10/2013. Operations will be ongoing until further notice.

The project has relocated both wave rider buoys



Important Locations:	<i>LAT</i>	<i>LONG</i>	<i>Characteristics</i>	<i>Lat</i>	<i>Long</i>
Met Mast	53°38.776'N	00°17.756'E		53°38.237'N	00°15.730'E
West Cardinal Lighted Buoy (N)	53°38.199'N	00°15.846'E	V Q (9) 10s	53°39.900'N	00°14.200'E
West Cardinal Lighted Buoy (S)			Q (9) 15s	53°37.000'N	00°15.600'E
South Cardinal Lighted Buoy			Q (6) + LFI 15s	53°36.500'N	00°17.400'E
East Cardinal Lighted Buoy (S)			Q (3) 10s	53°38.400'N	00°20.100'E
East Cardinal Lighted Buoy (N)			V Q (3) 5s	53°40.300'N	00°20.100'E
Wave rider No 1				53°39.930'N	00°18.160'E

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.

	<i>LAT</i>	<i>LONG</i>
North End Cable	53°39.248'N	00°15.181'E
South End Cable	53°39.280'N	00°15.215'E

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

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Area 5

For 'live' Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

First Published: 27 January 2014 | **Latest Update: 12 February 2014**

West Islay Tidal Energy – Seabed Frame Deployment

Deployment of a sea bed frame with velocity profiling and pressure sensor equipment will take place between 14th – 21st February, dependant on suitable weather conditions.

The equipment will remain in situ for a maximum of three months, with the potential for early recovery if it is deemed that a satisfactory range of wave conditions have been observed. A marker buoy will not be used for this survey.



The Deployment location is

55°39.275'N | 006°35.603'W

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

First Published: 11 February 2014 | **Latest Update: 11 February 2014**

Walney Offshore Wind Farm – Potential Seabed Hazard – Exposed Drill Pipe

The exposed pipe stands approximately 27.5 meters above the seabed leaving approximately 6 meters clearance between the surface at the lowest astronomical tide and the top of the pipe.

All mariners are advised/requested to mark the position below on their chart/plotter and keep well clear until you have been informed that the hazard has been removed



Location of Pipe

54°04.110'N | 003°44.460'W | Water Depth 33.5m

There is a Guard vessel 'Benaiah' on station and this vessel can be contacted on VHF Channels 16 & 12, during periods of severe weather 'Benaiah' will seek shelter but will return to site as soon as the weather moderates.

The DP vessel 'Gargano' is currently in Douglas I.O.M. for weather but will return to site and continue the Geotechnical Ground Investigation once weather and conditions improve, survey operations are expected to continue in to March.

You are requested to keep well clear of this vessel while it is on site, minimum 500 meters, as during sampling and investigation she will be required to remain stationary while drilling for long periods and will then move to new position within the site without prior notification.

'M V GARGANO' will keep a listening watch on VHF Channels 16 & 12 and can be contacted by VHF for information relating to vessel movements only.

This Geotechnical Ground Investigation consists of a combination of Deep Boreholes with Cone Penetration Testing (CPT's) at selected positions as well as shallow Vibracore and adjacent CPT's.

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

[Kingfisher Awareness Flyer: Walney 2 Offshore Wind Farm](#)

[Kingfisher Awareness Flyer: Walney 1 Offshore Wind Farm](#)

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

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Area 5

For 'live' Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

First Published: 29 June 2012 | **Latest Update: 10 February 2014**

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 with a tidal range of 8.5m.



Inter Array Cable Installation Work

The cable laying vessel Sia and MV Fugro Saltire are due to start inter-array cable installation from the 26th January 2014 until further notice. Sia will be laying cable between turbines and the Fugro Saltire will deploy a sub-surface trenching ROV to create a trench and then bury the cables. These vessels will be supported by a small survey vessel (MV Line) and HBC Supporter (a small diving vessel). There will also be 3 Crew Transfer Vessels involved (Achiever, Transporter & Zephyr) which will transit between the site and Liverpool on a daily basis. 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 cable operations survey or diving operations. Mariners advised that there will be occasions when subsea cables within the windfarm area may remain unburied until trenched into the seabed.

The latest information about cable burial can be obtained by contacting Marine Coordination Centre on +44(0)151-210-2388 or +44(0)7827-244495 or VHF Chan.16.

Wind Farm Construction Status

- Monopiles: 160 installed. Monopile installation is now complete.
- Transition pieces: 153 installed, 7 remaining.
- Export cables: 4 export cables installed; installation is now complete.
- Array Cables: 38 array cables installed, 123 remaining.
- Wind Turbine Generators: 119 installed, 41 remaining.

Navigation Hazards

There are presently a number of navigation hazards in and around the windfarm area. These include:-

- Unlit objects - there are presently 3 unlit transition pieces within the windfarm boundary. The location of these hazards is shown in a map here.
- Exposed monopiles - there are currently 6 exposed monopiles, which may be submerged at certain states of tide. Extreme care should be observed in the vicinity of these monopiles. Advice about exposed monopiles is given in our previous notice here.

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
- Penrhyn Bay, Caernarfon Bay, Abersoch Bay, Gaillion, Gardian 10, Gardian, Colwyn Bay, Scirocco, Porth Dinllaen, Porth Diana, EMS Viking and Endurance will be utilised as Crew Transfer Vessels when required sailing from Liverpool Marina and Canada Dock 3.
- Penrhos Bay & Tremadoc Bay will provide 24 hour Emergency Rescue Team cover.
- MCS Zephyr, Achiever and Cwind Alliance will continue to sail from Huskisson's Dock as required to assist with cable operations.
- Athenia, Adventure, Endeavour, Buzzard, Captain P, Commodore P, Porth Wen, Icen Victory and Discovery CTVs will be sailing from Mostyn as required.
- Normand Tonjer 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.
- JB114 will continue with drilling operations at Gwynt y Môr wind farm supported by Smit Barracuda and Union Diamond.
- Channel Chieftain VII and Cwind Challenger will continue refuelling operations on site based from Mostyn.
- Cable vessel Sia will commence operations on site.
- Polar Prince will continue array cable installation with Polar King (see notice to mariners here) assisted by CTVs Rix Panther and Rix Tiger.
- Sea Breeze will commence / continue operations at site.
- Sea Storm continued with mobilisation at Liverpool & commence operations at site.
- Fugro Saltire will be utilised as required, sailing from Canada Dock 2.
- Survey vessel Line will continue surveys of array cable routes.

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

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Area 5

For 'live' Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

First Published: 16 December 2013 | **Latest Update: 27 January 2014**

Burbo Bank Offshore Wind Farm – Survey Activity

A Geotechnical Ground Investigation consisting of a combination of Deep Boreholes with Cone Penetration Testing (CPT's) at selected positions as well as shallow Vibracore and adjacent CPT's is scheduled to start in the early part of the New Year at the proposed extension to the BURBO BANK WIND FARM.

Company, Vessel & Call Sign	Area Covered	Start Timeframe & Duration	Area
Excalibur	1. 53°27.817'N 003°18.358'W	24 th January 2014 End of March 2014	
MTS Valiant	2. 53°30.142'N 003°22.592'W		
	3. 53°30.170'N 003°13.200'W		
Fugro Commander	4. 53°29.682'N 003°13.439'W		
	5. 53°28.213'N 003°10.743'W		
	6. 53°27.833'N 003°11.777'W		

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

First Published: 02 July 2012 | **Latest Update: 20 January 2014**

Walney 1, 2 & Extension Offshore Wind Farm – Construction Activity / Consultation

With reference to the Kingfisher 'flyer', all mariners should note that turbine C09 is now unlit and turbine A14 exhibits Fl y 5s (sync) light characteristics. The south cardinal buoy has now been removed.

You are requested to keep well clear of Excalibur whenever this vessel can be observed to be afloat and under tow and being manoeuvred into position and it should be noted that during sampling and investigation MV Gargano will be required to remain stationary while drilling for long periods and wide berth is requested, minimum 500 meters, around both of these vessels at all times. Both vessels will move to new position within the site without prior notification.



Wet Store Berth Inside Walney 2 Wind Farm

The Dive Support Vessel 'HBC Supporter' has two anchors in a 'Wet Store Berth' inside the WALNEY 2 Wind Farm in position:

54°05.300'N	003°39.220'W
54°05.180'N	003°39.190'W

Both anchors are close to the Turbine F15 and are buoyed and lit

Marker Buoys for Wet Storage Area

The 4 Buoys marking what was the wet storage area, inside of Walney 2 are still in place although there are no anchors or obstructions on the seabed.

Position of Wet Storage Buoys

54°04.380'N	003°37.480'W
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These Buoys are equipped with solar powered quick flash lights and will be removed at some future date. Until notice has been given that these buoys have been removed all mariners, and especially fishermen, wishing to navigate within the Wind Farm for whatever reason are advised to note these positions and enter them on their charts / plotters and keep clear.

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

[Kingfisher Awareness Flyer: Walney 2 Offshore Wind Farm](#)

[Kingfisher Awareness Flyer: Walney 1 Offshore Wind Farm](#)

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

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Area 5

For 'live' Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

First Published: 05 December 2012 | Latest Update: 09 February 2014

West of Duddon Sands Offshore Wind Farm – Construction Works

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



The Rock Dump vessel 'Rockpiper' has now arrived on site to begin rock dumping at the cable and pipeline crossings that are currently being protected by the guard vessels 'headway' and 'Oceanus'.

Surveys will also be carried out along the whole of the Export Cable Route to determine if there are any other positions that will require protection.

'Maersk Responder' is continuing with trenching and burial works on the Inter-Array or Infield Cables as weather and conditions permit.

Both Export Cables have been laid and buried from the landfall position at Middleton Sands all the way to the Sub-Station. There are positions of exposed cable as detailed below:

1. The Barrow Export Cable crossing and the splice lay down position at KP9, Heysham lake/Lune Deep area, which are being guarded by the Guard Vessel 'Headway'.
2. There is a Wave Rider Buoy in Lune Deep in position: 53°59.072'N 003°01.693'W Fl. Y (5) 20s – range 1nm
3. The WALNEY 2 Export Cable crossing and the two gas pipeline crossings, just to the north of Barrow Wind Farm, which are being guarded by the Guard Vessel 'Benaiah 1V'.
4. The Northern Export Cable crossing at KP24.2, this position is to the South and East of the Calder Gas Pipeline and is also being guarded by 'Oceanus'.
5. Exposed cable on the seabed: 53°59.20'N 003°14.60'W. This position is being guarded by the Guard Vessel 'Benaiah 1V'.

All of these vessels will keep a continuous listening watch on VHF Channels 16 & 12 and can be contacted for information on the exposed cable positions only, 'Northern Venture' will also monitor VHF Channel 14

Boundary of Location Activities:

Latitude	Longitude
54°00.15'N	003°33.52'W
54°01.78'N	003°26.67'W
53°58.35'N	003°22.80'W
53°56.64'N	003°25.37'W
53°56.72'N	003°29.33'W

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

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Area 5

For 'live' Kingfisher updates of all Cable & Wind Farm activities, please visit www.kis-orca.eu

First Published: 19 November 2013 | **Latest Update: 10 February 2014**

Robin Rigg Offshore Wind Farm – Hazard / Plotter Files / Operations

The programme of maintenance work at the Robin Rigg Wind Farm is continuing as weather and conditions permit.

The programme involves the transfer of technicians out to selected Turbines by Crew Transfer/ Secondary Work Vessels on a daily basis and is scheduled to run for several months.

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



Two new Personnel/Crew Transfer Vessel vessels 'Rhoscolyn Head' and 'Solway Challenger' have joined the two vessels already in service, 'Solway Spirit' and 'Windcat 3', and a wide berth is requested around these vessels at all times while on site but all mariners, especially fishermen, are requested to keep a wide berth from any Turbine where it can be observed that these vessels are working.

It is possible that additional vessels will join during the winter months but this will be confirmed at a later date. A listening watch will be kept on VHF Channels 16 & 12 and any of these vessels can be contacted for information relating to vessel Movement only.

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

[Kingfisher Awareness Flyer: Robin Rigg Offshore Wind Farm](#)

[Kingfisher Fishing Plotter CD: Robin Rigg Offshore Wind Farm](#)

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