

# The Kingfisher Bulletin

## Offshore News

SUBSEA CABLES

28 JUNE 2018 | ISSUE 13

Shaded blocks indicate activity.

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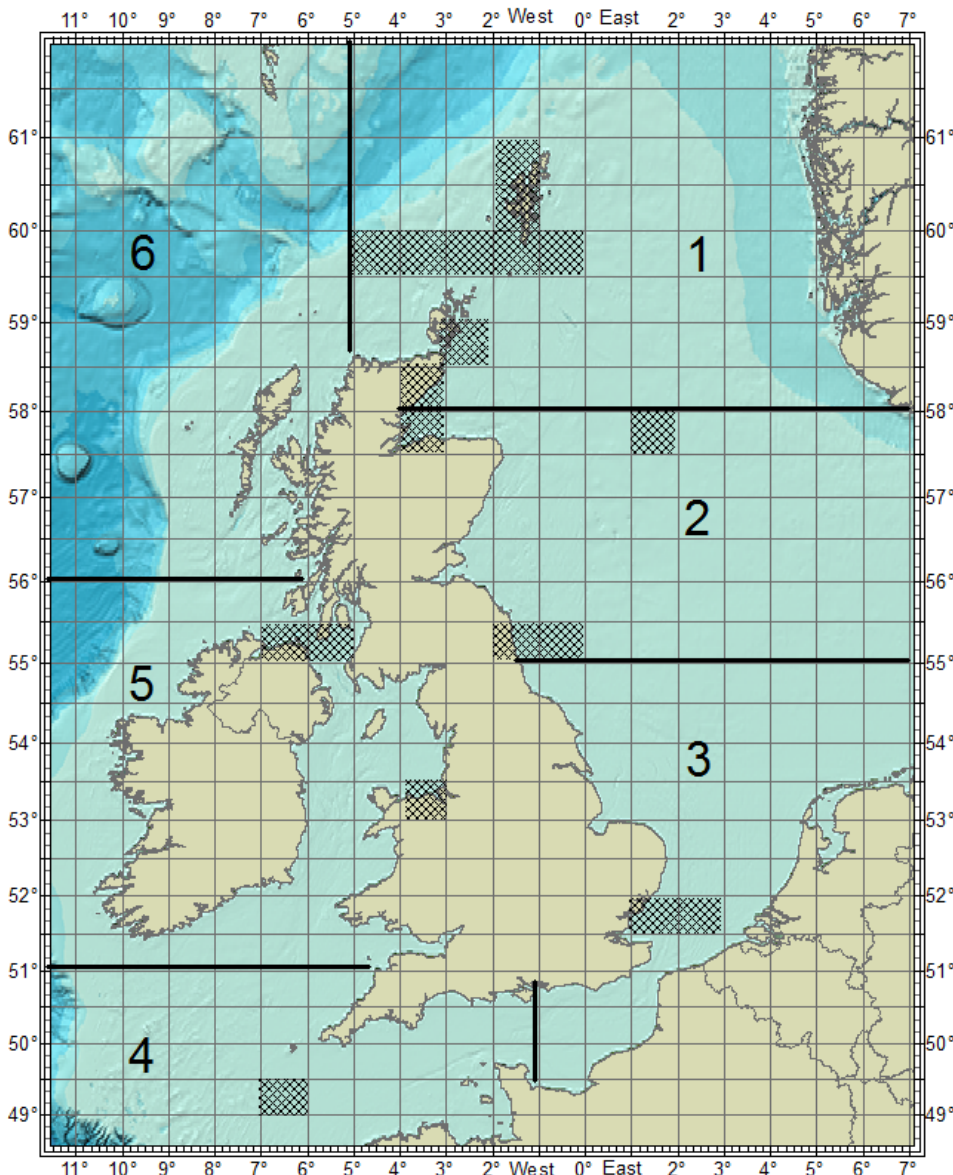
1. Notice to Fishermen

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1. Notice to Fishermen

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STAY UP TO DATE - ALWAYS ENSURE YOU HAVE THE LATEST KINGFISHER BULLETIN AND OFFSHORE FISHING PLOTTER DATA ON-BOARD.

## Support

The Kingfisher Bulletin is provided by the Kingfisher Information Service of Seafish, to promote the awareness of offshore hazards to fishing, new structures and zones and conflicting offshore operations. Support for the production of subsea cables industry information is received from The Crown Estate and the European Subsea Cables Association (ESCA).



## Information

Information contained within the Kingfisher Bulletin comes from a variety of sources, although is in the majority, supplied directly to Kingfisher from the offshore operating industry, or government licensing authorities.






Coordinates within the Kingfisher Bulletin are converted into World Geodetic System 1984 (WGS84) and displayed as degrees, minutes and decimal minutes, to three decimal places (ddd°mm.mmm'). Route or boundary coordinates may be simplified for ease of use.

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## New Hazards




### Area 1 Hazard List

Hazard Type	Position	Issue Date	Contact Details	Map
Murchison Wellhead Protection Structure 7.5m x 7.5m x 7.5m Well 211/19-2	61°23.382'N 01°44.050'E	03 May 2018	<a href="mailto:Carolyn.Toshney@cnrl.com">Carolyn.Toshney@cnrl.com</a>	
Significant free-spans have been identified along the PL1043 Dunbar to Alwyn pipeline	60°38.646'N 01°39.193'E 60°38.713'N 01°39.207'E 60°39.017'N 01°39.267'E 60°39.033'N 01°39.271'E	31 May 2018	David Colliard, email: <a href="mailto:david.colliard@total.com">david.colliard@total.com</a>	
New suspended wellhead on seabed (211/23b-11)	61°16.210'N 001°25.962'E	15 May 2018	Fairfield Energy, Tel: +44 (0)1224 320708	
Removal of protective structure for wellhead 211/19-2 (8m x 8m x 7m)	61°23.382'N 01°44.050'E	3 May 2018	CNR International Ltd, Tel: +44 1224 303600	
One 8in pipeline and one 6in umbilical Exposed Laggan and Tormore fields	60° 29.319' N 1° 15.213' W 60° 29.304' N 1° 15.108' W 60° 28.993' N 1° 15.281' W 60° 29.007' N 1° 15.386' W	11 Jan 2018	TOTAL, Tel: +44 (0)1224 298172	

### Area 2 Hazard List


Hazard Type	Position	Issue Date	Contact Details	Map
Sunken buoy with heavy weight and anchor	57°00.668'N 000°05.671'W	31 May 2018	Raymond Hall, Tel: 01224 646944 email: <a href="mailto:R.Hall@sff.co.uk">R.Hall@sff.co.uk</a>	

### Area 3 Hazard List


Hazard Type	Position	Issue Date	Contact Details	Map
Anchor approx. 3.5m x 1.8m	50°41.147'N 000°17.657'W	28 June 2018	Gordon Bain (Eon Marine Coordination) +44(0)7787241442	
Significant Pipeline Span on PL21 from Hewett to Bacton (37m long and 1m high)	53°01.482'N 001°43.673'E	15 May 2018	ENI, Tel: 020 7344 6342	
Concrete mattresses installed on seabed to stabilise a pipeline span	53°06.662'N 001°44.180'E and 53°06.668'N 001°44.165'E	19 April 2018	ENI, Tel: 020 7344 6342	

## High-Risk Cables



### Area 1 High-Risk Cables

Hazard Type	Position	Issue Date	Contact Details	Map
Cable: SHEFA 2 Risk: Exposed cable sections	58°47.208'N 002°46.617'W and 58°47.300'N 002°46.763'W	17 Dec 2012	Tel: +2982 43602, Email: phv@ft.fo, <a href="mailto:brr@ft.fo">brr@ft.fo</a>	




### Area 3 High-Risk Cables

Hazard Type	Position	Issue Date	Contact Details	Map
Cable: Concerto 1 North Risk: Multiple cable repairs	Various repairs <a href="#">See Twitter Map</a>	10 Sept 2015	Neil Donovan, Interoute Communications Ltd, e-mail: <a href="mailto:neil.donovan@interoute.com">neil.donovan@interoute.com</a>	


### Area 4 High-Risk Cables

Hazard Type	Position	Issue Date	Contact Details	Map
Cable: Apollo South Risk: Exposed cable sections	49°04.76N 006°41.59W	08 Oct 2015	<a href="mailto:colinrichards@networkmarine.co">colinrichards@networkmarine.co</a>	
Cable: Hugo segment 1 Risk: Multiple cable repairs	Various repairs <a href="#">See Twitter Map</a>	02 June 2015	Jon Ford at Vodafone, Tel: +44 7776 165571 email: <a href="mailto:jon.ford@vodafone.com">jon.ford@vodafone.com</a>	

### Area 5 High-Risk Cables

Hazard Type	Position	Issue Date	Contact Details	Map
Cable: Hibernia Atlantic Segment C Risk: Exposed cable sections & hazard	53°50.340N 004°55.832W	12 Jan 2017	Hibernia cables with the new 24/7 Emergency Contact Number of: +353 1 867 3601	
Cable: Sirius South Cable Risk: Exposed cable sections	Various repairs <a href="#">See Twitter Map</a>	03 Dec 2015	<a href="mailto:peter.jamieson@virginmedia.co.uk">peter.jamieson@virginmedia.co.uk</a>	
Cable: Hibernia Atlantic Risk: Exposed cable sections & hazard (fishing beam trawl and wire)	55°22.915'N 6°35.917'W	13 June 2014	Hibernia cables with the new 24/7 Emergency Contact Number of: +353 1 867 3601	

### Area 6 High-Risk Cables

Hazard Type	Position	Issue Date	Contact Details	Map
Cable Link: <a href="#">TAT 14 Segment K</a> Risk: Multiple cable repairs	Various repairs <a href="#">See Twitter Map</a>	12 Jan 2017	Colin Richards, Network Marine, Email: <a href="mailto:colinrichards@networkmarine.co">colinrichards@networkmarine.co</a> [Chart translations available upon request]	

## Notice To Fishermen

First Published: 25 January 2018 | Latest Update: 25 January 2018

## KIS-ORCA Information – 2018 Now Available



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

KIS-ORCA Data 2018 contains the latest renewables and cable information and is available for the following fishing plotter systems: Sodena, Maxsea, Olex, Penta, SIS MicroPlot, Transas Navifisher, Litton FishMaster, TMPlanner Quodfish, Trax and also your FishSAFE Unit.

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

## Notice To Fishermen

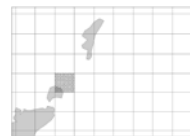
First Published: 31 May 2018 | Latest Update: 28 June 2018

## Shapinsay to Rothiesholm - Cable Fault Replacement



Please find attached an update to the Notice to Mariners (NTM) detailing the location of the as laid Submarine Electricity cable for the Shapinsay-Stronsay on behalf of Scottish Hydro Electric Power Distribution (SHEPD).

- Bay of Crook on Shapinsay to Rothiesholm on Stronsay, through the Stronsay Firth.  
The work is to fix a cable fault at this location



## As laid coordinates:

1	59° 2.803' N	2° 48.768' W	27	59° 2.565' N	2° 43.596' W	53	59° 3.196' N	2° 39.322' W
2	59° 2.735' N	2° 48.504' W	28	59° 2.564' N	2° 43.442' W	54	59° 3.231' N	2° 39.209' W
3	59° 2.733' N	2° 48.377' W	29	59° 2.569' N	2° 43.266' W	55	59° 3.279' N	2° 39.121' W
4	59° 2.781' N	2° 48.122' W	30	59° 2.572' N	2° 43.068' W	56	59° 3.334' N	2° 39.044' W
5	59° 2.781' N	2° 48.015' W	31	59° 2.574' N	2° 42.909' W	57	59° 3.399' N	2° 39.013' W
6	59° 2.746' N	2° 47.684' W	32	59° 2.572' N	2° 42.716' W	58	59° 3.465' N	2° 38.986' W
7	59° 2.709' N	2° 47.357' W	33	59° 2.559' N	2° 42.525' W	59	59° 3.531' N	2° 38.957' W
8	59° 2.698' N	2° 47.228' W	34	59° 2.535' N	2° 42.290' W	60	59° 3.597' N	2° 38.930' W
9	59° 2.692' N	2° 47.074' W	35	59° 2.509' N	2° 42.055' W	61	59° 3.662' N	2° 38.902' W
10	59° 2.689' N	2° 46.895' W	36	59° 2.524' N	2° 41.847' W	62	59° 3.728' N	2° 38.875' W
11	59° 2.686' N	2° 46.717' W	37	59° 2.580' N	2° 41.646' W	63	59° 3.794' N	2° 38.848' W
12	59° 2.683' N	2° 46.499' W	38	59° 2.650' N	2° 41.377' W	64	59° 3.869' N	2° 38.813' W
13	59° 2.673' N	2° 46.308' W	39	59° 2.696' N	2° 41.212' W	65	59° 3.967' N	2° 38.748' W
14	59° 2.663' N	2° 46.124' W	40	59° 2.749' N	2° 41.025' W	66	59° 4.021' N	2° 38.671' W
15	59° 2.651' N	2° 45.912' W	41	59° 2.792' N	2° 40.872' W	67	59° 4.072' N	2° 38.585' W
16	59° 2.643' N	2° 45.755' W	42	59° 2.826' N	2° 40.742' W	68	59° 4.112' N	2° 38.479' W
17	59° 2.633' N	2° 45.581' W	43	59° 2.861' N	2° 40.619' W	69	59° 4.163' N	2° 38.396' W
18	59° 2.622' N	2° 45.374' W	44	59° 2.896' N	2° 40.492' W	70	59° 4.217' N	2° 38.317' W
19	59° 2.613' N	2° 45.192' W	45	59° 2.925' N	2° 40.368' W	71	59° 4.270' N	2° 38.235' W
20	59° 2.603' N	2° 44.987' W	46	59° 2.952' N	2° 40.251' W	72	59° 4.322' N	2° 38.153' W
21	59° 2.595' N	2° 44.826' W	47	59° 2.983' N	2° 40.117' W	73	59° 4.377' N	2° 38.077' W
22	59° 2.587' N	2° 44.655' W	48	59° 3.020' N	2° 39.964' W	74	59° 4.443' N	2° 38.060' W
23	59° 2.584' N	2° 44.499' W	49	59° 3.058' N	2° 39.829' W	75	59° 4.510' N	2° 38.082' W
24	59° 2.579' N	2° 44.263' W	50	59° 3.099' N	2° 39.666' W	76	59° 4.575' N	2° 38.144' W
25	59° 2.572' N	2° 43.937' W	51	59° 3.132' N	2° 39.551' W	77	59° 4.643' N	2° 38.244' W
26	59° 2.569' N	2° 43.769' W	52	59° 3.165' N	2° 39.438' W	78	59° 4.716' N	2° 38.352' W

For further information: Sarah Watts, Brown & May Marine Ltd, Tel: 01379 870181 email: [sarah.watts@brownmay.com](mailto:sarah.watts@brownmay.com)

## Survey

First Published: 11 May 2018 | Latest Update: 26 June 2018

## Survey – Proposed HAVFRUE Cable Route (North of Scotland)

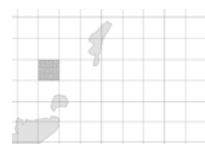


North of Scotland, the MV Fugro Discovery is conducting Route Survey operations for the proposed HAVFRUE Subsea Cable System in the zone highlighted to the North of Scotland.

Current position: 59°30.10'N 007°41.32'W

Please click on the Map Link (top right) for more information.

For further information: Party Chief on-board MV Fugro Discovery, Mobile: +49 (0)172 433 91 50, Email: [partychief.fugrodiscovery@fugro.com](mailto:partychief.fugrodiscovery@fugro.com)





**Notice To Fishermen**First Published: 22 March 2018 | **Latest Update: 14 June 2018****Caithness - Moray HVDC Link – Burial and Fault Find** [Map Link](#)

The Caithness - Moray HVDC Link is a twin bundled High Voltage DC interconnector installed by NKT HV Cables AB for Scottish Hydro Electric Transmission (SHEt) stretching approximately 113 km across the Moray Firth from Noss Head in Caithness to Portgordon in Moray.

During the period 11 May 2018 and 30 June 2018, NKT will use the vessel Relume to undertake an ROV cable fault search and UXO survey in the Fault Location Working Area followed by Mass Flow Excavation (MFE) cable burial operations in the MFE Working Area. Both locations are shown on the chart below. The working area includes a 250m exclusion zone either side of the route centreline. All vessels are requested to keep clear during these operations.



Cable Fault Area:  
 57°47.869'N 002°57.334'W  
 57°47.708'N 002°56.810'W  
 57°44.909'N 002°59.835'W  
 57°45.070'N 003°00.358'W

For further information: Richard Creed, ABB Tel: +44 7802 225532 email: [Richard.creed@se.abb.com](mailto:Richard.creed@se.abb.com)

**Notice to Fishermen**Published: 03 May 2018 | **Latest Update: 03 May 2018****North Sea Link Project – Landing and deep water Installation Cable 7** [Map Link](#)

Planned works for the First Campaign relevant the Cable 7 using the vessels Giulio Verne, Grand Canyon and Rockpiper. These works will be carried out in the from the coast of Blyth as described below starting from May 2018 until end of September 2018

During the First Campaign, cable7 Pole 1&2 NSL HVDC cable will be landed at Blyth (U.K.) and surface laid on the seabed by using the Cable Laying vessel Giulio Verne (IMO 8302014; Call Sign IBPU) from about KP715 to KP644.

The First Campaign, cable7 will then be protected by Post Lay Installation Burial (PLIB) works using two vessels the Grand Canyon (IMO 9583861; Call Sign SBML3) and the Rockpiper (IMO 9614608; Call Sign LACX8). See table 1 for details of First Campaign, cable 7.

Vessels are requested to pass at a safe speed and distance and fishing vessels are advised to remain a safe distance (approximately 1.5 nautical miles) from the areas identified. Guard Vessels will be deployed at each location to aid in monitoring the exposed areas and will advise of safe distances locally.

The vessels will monitor VHF Channel 16 at all times.



For further information: Jonathan Kerr, Brown & May Ltd, Tel: 01379 872143 email: [jonathan@brownmay.com](mailto:jonathan@brownmay.com)

**Seabed Activity**Published: 19 April 2018 | **Latest Update: 26 June 2018****Judy Platform to Culzean Platform – Fibre Optic Cable Installation** [Map Link](#)

Please be aware that all operations related to the Judy-Culzean fibre optic cable installation and associated activities (Rock Placement, mattresses) are now complete.



For further information: John Wrottesley, Global Marine Systems Ltd, Tel: +44 1245 702009 email: [john.wrottesley@globalmarinesystems.com](mailto:john.wrottesley@globalmarinesystems.com)

**Notice To Fishermen**First Published: 14 June 2018 | **Latest Update: 23 June 2018****Nemo Link – Cable Burial**

**Mariners are advised that the Nemo Link project will be carrying out nearshore cable burial from approx.. KP11.5 (51°20.473'N 03°00.141'E) in Belgian waters along the Nemo cable route to approx. KP2.5 (51°20.019'N 03°07.852'E)**



The vessel 'Jif Challenger', using Seagma jet trencher, will bury the cable along the Nemo cable route.

- Cable burial operations nearshore : 19/6/18 to 3/7/18

The vessel will operate within a +/-25m corridor surrounding the cable route centreline:

51°20.473'N 003°00.141'E  
 51°20.353'N 003°01.636'E  
 51°20.272'N 003°03.570'E  
 51°20.062'N 003°07.641'E  
 51°20.019'N 003°07.852'E

For further information: [NemoMarineCoordinator@Deepoceangroup.com](mailto:NemoMarineCoordinator@Deepoceangroup.com)

**Survey**Published: 09 May 2018 | **Latest Update: 09 May 2018****Aquind Interconnector – Survey Operations**

**MMT, on behalf of Aquind Ltd, will be carrying out a Geotechnical survey along the proposed UK section of the Aquind Interconnector cable route, between Eastney near Portsmouth and the limit of the UK EEZ**

The nearshore survey (Block 1) is anticipated to take around 6 days (including weather allowance) starting on 19th June at the earliest (see Figure 1).

The offshore survey (Blocks 2 and 3) is anticipated to take around 17 days (including weather allowance) starting on 11th July at the earliest (see Figure 1).

Two survey vessels will be used due to water depth variation along the route.

- The MPR 3 (32m) will conduct the nearshore survey and operate in Block 1.
- The OSV Cecilia (54m) will conduct the offshore survey and operate in Blocks 2 and 3.

For further information: Brown & May Jonathan Keer, Tel: 01379 872 143 / 07850 604851 email: [jonathan@brownmay.com](mailto:jonathan@brownmay.com)

**Survey**Published: 09 May 2018 | **Latest Update: 09 May 2018****UK - Germany Power Cable – Survey Operations**

**A new power cable (interconnector) is planned by NeuConnect, from the UK to Germany. A high voltage direct current (HVDC) electricity transmission interconnector between the Isle of Grain, Kent, mainland UK, and Wilhelmshaven, Germany, routed through UK territorial waters.**

A geophysical survey, by the Swedish company MMT, will take place. The project contains geophysical, benthic and geotechnical subsea survey, by towed equipment. Utility crossing surveys by ROV will also be carried out.

Mariners are advised that towed survey equipment will be used in the area between 2 and 24 May 2018.

1. The nearshore geophysical survey work is carried out by MMT using survey vessel MV DEEP VOLANS (12 hr operations).
2. The geotechnical survey work will be carried out by MMT using survey vessel MV OSV CECILIA (24 hr operations) and MV MPR3 (12 hr operations).

The [Map Link](#) above shows the cable/survey route.

For further information: Åsa Pettersson (MMT Project Manager), Tel: +46 703 455 564, Email: [asa.pettersson@mmt.se](mailto:asa.pettersson@mmt.se)

## Notice To Fishermen

First Published: 28 June 2018 | Latest Update: 28 June 2018

## Emergency Cable Repair – TAT 14 seg G close to Bude



Please be advised that a cable repair operation will be carried out by French C/S Pierre de Fermat (FIIZ), from the Saturday 23rd of June 2018 at 04h00 UTC until further notice on the submarine cable TAT14 Seg G close to Bude landing station in an area defined as follow:

50°50.200'N 004°34.000'W & 50°45.300'N 005°30.500'W

Estimated duration of these submarine works: 1 week. To be confirmed.

Remote Operated Vehicle (ROV) will be used and cable buoys moored during these cable repair ops. Please give a wide berth of 1'.

For further information: Cpt Le Saux Guillaume, Orange Marine, VSAT: +33 9 68 90 00 41 Mobile: +33 6 47 05 70 85





## Western HVDC Link – Inshore Cables Operations

Mariners are advised that the operations indicated in the previous Notices to Mariners on an inshore section of the Western Link power cable are still ongoing. These operations are being carried out approximately 1.7km from the southern landfall of the cable on the Wirral. Details of the operations are provided in a Notice to Mariners that can be downloaded [here](#) and is summarised below.



### Location

This work is being carried out at the location specified below:-

- **Liverpool Bay:** in an area approximately 1.7km from the Wirral shore, extending for 200m between the points 053°25.557'N 003°07.894'W to 053°25.665'N 003°08.001'W.

A map showing the location of the work is given in the Notice to Mariners which can be downloaded [here](#).

### Vessel details

Details of the vessel involved in these operations, along with the present location can be found on MarineTraffic.com via the links below:-

- [Atlantis](#): Shallow water vessel | Call sign ORKN
- [Wave Walker 1](#): Jack up barge | Call sign PBVH
- [Sternat 82](#): Multipurpose barge | Call sign PBRF
- [Wind](#): Jack up barge | Call sign OXSW2

**The vessels involved in this work will be restricted in the ability to manoeuvre and other vessels are reminded to pass at a safe speed and distance. Fishing vessels are advised to remain a safe distance (approximately 1.5 nautical miles) from the area identified in the Notice to Mariners.**

### Notices to Mariners

The Notices to Mariners that are presently in place for this project are:-

- **Western HVDC Link: Cable Operations, June 2018** - this notice is described above. It was issued on the 26th June 2018 and provides additional information about operations in Liverpool Bay close to the Wirral landfall. The Notice to Mariners can be downloaded [here](#).
- **Western HVDC Link: Cable Operations, May 2018** - this notice was issued on the 15th May 2018 and provides additional information about operations in Liverpool Bay close to the Wirral landfall. The Notice to Mariners can be downloaded [here](#).
- **Western HVDC Link: Cable Operations, May 2018** - this notice was issued on the 4th May 2018 and provides information about operations in Liverpool Bay close to the Wirral landfall. The Notice to Mariners can be downloaded [here](#).

A copy of this update is also posted on the [website](#).

For further information: Jim Andrews, Fisheries Liaison Officer, Tel: +44(0)7908225865, Email: [jim@awjmarine.co.uk](mailto:jim@awjmarine.co.uk) (Emergency: 07508 008515)

## Local Awareness Charts

Chart	Area	Location	Turbines	Developer	Completed	Link
Barrow	5	7km dudgeon Island	30	Orsted	1 Jul 2006	<a href="#">Download</a>
Blyth	2	1km N.E Coast	2	E.ON	-	<a href="#">Download</a>
Burbo Bank	5	5.2km Crosby	25	Orsted	27 Oct 2007	<a href="#">Download</a>
Dudgeon	3	38km Outer Wash	67	Statkraft / Statoil	-	<a href="#">Download</a>
Greater Gabbard	3	26km off Orford, Sufflk	140	SSE & RWE Npower / Innogy	7 Sept 2012	<a href="#">Download</a>
Gwynt y Mor	5	13km off N Wales Cst	160	RWE Innogy / SWM	18 Jun 2015	<a href="#">Download</a>
Gunfleet Sands 1, 2 & 3	3	8.5km off Clacton-On-S	50	Orsted	19 April 2010	<a href="#">Download</a>
Humber Gateway	3	8km off Holderness Cst	73	E.ON UK	5 Jun 2015	<a href="#">Download</a>
Hywind	2	25km off Peterhead	5	Statoil	-	<a href="#">Download</a>
Inner Dowsing	3	5km off Skegness	27	Siemens	30 Mar 2009	<a href="#">Download</a>
Kentish Flats	3	9km off Whitstable	30	Vattenfall	1 Oct 2015	<a href="#">Download</a>
Lincs	3	8km off Skegness	75	Centrica	10 Oct 2013	<a href="#">Download</a>
London Array	3	24km off Clacton-on-S	175	Orsted	1 May 2013	<a href="#">Download</a>
Lynn	3	5km off Skegness	27	Siemens	30 Mar 2009	<a href="#">Download</a>
North Hoyle	5	7.5km off Prestatyn	30	RWE Innogy UK	1 Dec 2003	<a href="#">Download</a>
Race Bank	3	27km Lincolnshire	91	Orsted	-	<a href="#">Download</a>
Ormonde	5	off Walney Island	30	Vattenfall	22 Feb 2012	<a href="#">Download</a>
Rampion	3	Off Sussex Coast	116	E.ON UK Renewables	-	<a href="#">Download</a>
Rhyl Flats	5	8km Abergele	25	RWE Innogy UK	2 Dec 2009	<a href="#">Download</a>
Robin Rigg	5	9.5km Maryport	60	E.ON UK Renewables	16 Apr 2010	<a href="#">Download</a>
Scroby Sands	3	3km NE Great Yarmth	30	E.ON UK Renewables	1 Mar 2004	<a href="#">Download</a>
Sheringham Shoal	3	Sheringham, Grtr Wash	88	Statkraft / Statoil	27 Sep 2007	<a href="#">Download</a>
Teesside	3	1.5km NE Teesmouth	27	EdF ER	1 Aug 2013	<a href="#">Download</a>
Thanet	3	11km Foreness Point	100	Vattenfall	23 Sept 2010	<a href="#">Download</a>
Walney 1	5	14km Walney Island	51	Orsted / SSE (+ prttrs)	9 Jan 2012	<a href="#">Download</a>
Walney 2	5	14km Walney Island	51	Orsted / SSE (+ prttrs)	9 Jan 2012	<a href="#">Download</a>
West of Duddon Sands	5	14km Walney Island	108	Scottish Power / Orsted	30 Oct 2014	<a href="#">Download</a>
Westernmost Rough	3	25km north of Spurn P	35	Orsted	26 Mar 2015	<a href="#">Download</a>

## National Awareness Charts

Chart	Link
North Sea North & West	<a href="#">Download</a>
North Sea Central	<a href="#">Download</a>
North Sea South	<a href="#">Download</a>
English Channel	<a href="#">Download</a>
South Western Approaches	<a href="#">Download</a>
Irish Sea	<a href="#">Download</a>
Baltic North	<a href="#">Download</a>
Baltic South	<a href="#">Download</a>

## National Fishing Plotter Files

File	Link
Kingfisher Fishing Plotter Files – KIS-ORCA January 2018 (Subsea Cables and Wind Farms)	<a href="#">Download</a>