

The Kingfisher Bulletin

Offshore News

SUBSEA CABLES

08 FEBRUARY 2018 | ISSUE 03

Shaded blocks indicate activity.

What's inside?

New Hazards (-)
High-Risk Cables (p.3)

Area 1 (p.4-5)

1. Notice to Fishermen

Area 2 (p.6)

1. Notice to Fishermen

Area 3 (p.7-8)

1. Notice to Fishermen

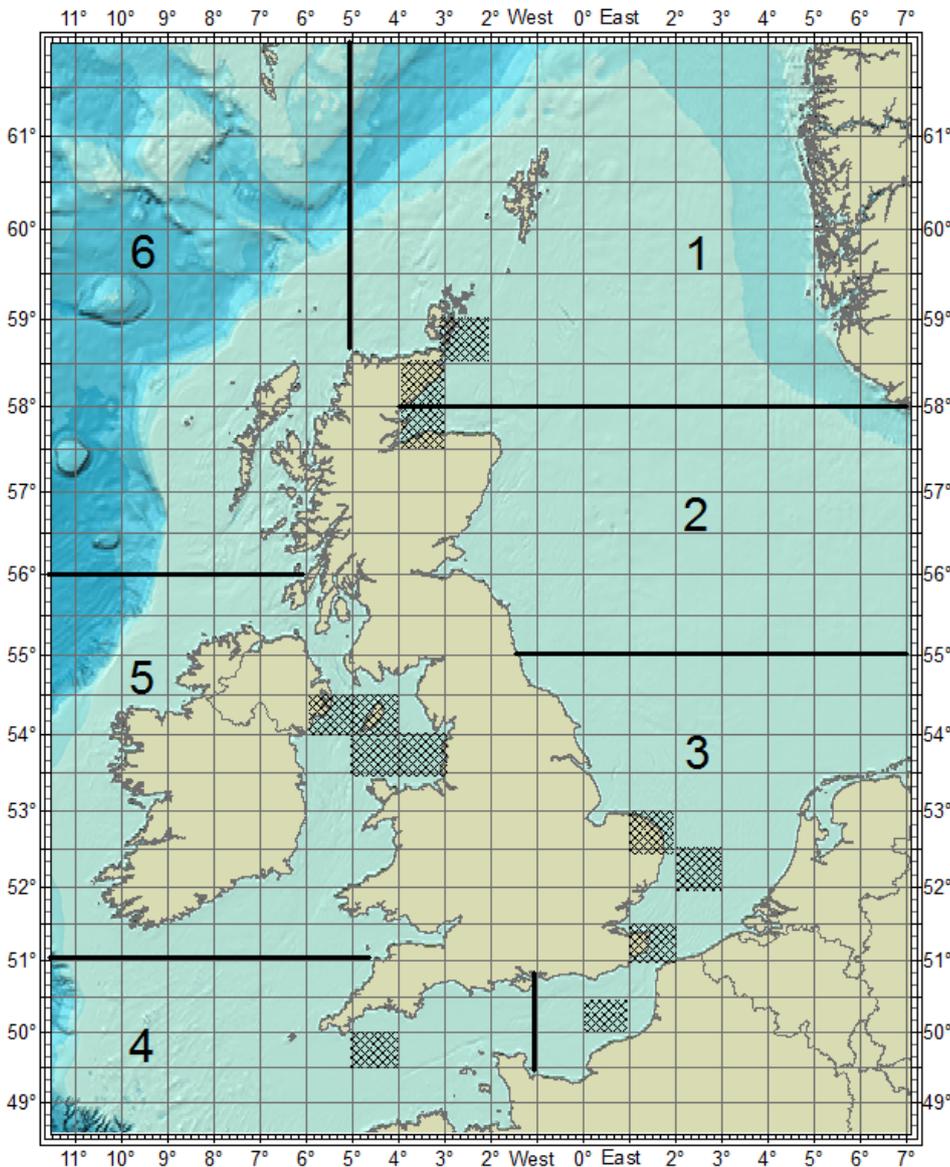
Area 4 (p.9)

Area 5 (p.10)

1. Notice to Fishermen

Area 6 (N.A)

Extra... (p.11)



STAY UPTO 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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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: +298243602, Email: phv@ft.fo , brr@ft.fo	

Area 3 High-Risk Cables

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

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	colinrichards@networkmarine.co	
Cable: Hugo segment 1 Risk: Multiple cable repairs	Various repairs See Twitter Map	02 June 2015	Jon Ford at Vodafone, Tel: +44 7776 165571 email: jon.ford@vodafone.com	

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 See Twitter Map	03 Dec 2015	peter.jamieson@virginmedia.co.uk	
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: TAT 14 Segment K Risk: Multiple cable repairs	Various repairs See Twitter Map	12 Jan 2017	Colin Richards, Network Marine, Email: colinrichards@networkmarine.co [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](#).

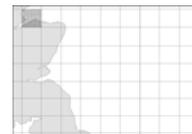
KIS-ORCA Data 2018 contains the latest renewables and cable information and is available for the following fishing plotter systems: Sodena, Maxsea, Olex, Penta, SIS MicroPlot, Transas Navifisher, Litton FishMaster, TMPlanner Quodfish, Trax and also your FishSAFE Unit.

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

Caithness - Moray HVDC Link



The Caithness - Moray HVDC Link is a twin bundled High Voltage DC interconnector (single cable diameter 132mm) installed by ABB HV Cables (Sweden) AB (now NKT HV Cables AB) for Scottish Hydro Electric Transmission (SHE T) stretching approximately 113 km across the Moray Firth from Noss Head in Caithness to Portgordon in Moray.



During the period 15 February 2018 to 30 April 2018 NKT will undertake the first of two backfill campaigns using the Siem Ruby and SCAR seabed system. Operations will take place at a number of locations between 58° 20.869' N 02° 43.234' W and 57° 59.391' N 02° 43.888' W along the Caithness - Moray Cable Route.

There is a working area 250m either side of the cable route centreline and other seafarers are requested to keep clear during these operations, guard vessels will be patrolling in the vicinity.

The second campaign is expected to commence in May 2018 and will be the subject of a future Notice to Mariners.

During the period 15 February 2018 to 15 April 2018 (operations are very weather dependent), NKT will use the cable lay vessel (CLV) Victoria supported by the Multicat C-Fenna to complete the cable installation to shore at Portgordon. Operations will be carried out in the working area shown on the chart below.

The installation work at Portgordon will be carried out in a working area defined by the following coordinates:

A - 57° 42.697' N 003° 01.906' W
 B - 57° 42.698' N 003° 01.300' W
 C - 57° 40.538' N 003° 01.551' W
 D - 57° 40.539' N 003° 02.155' W

Operations will include the following:

1) Recovery & Relay of Wet Stored 'J Loop' (2 days) - Vessel: CLV Victoria

The cable bundle which is to be installed in to the Portgordon landfall is currently laid in a temporary 'J loop' wet storage configuration between approximately kilometre point (KP) 5 and 2.5. The cable bundle is stabilized with several rock bags. CLV Victoria will recover the rock bags and subsequently the wet stored cable starting from the temporarily laid cable end at KP5. The cable bundle will be recovered back to approximately KP3. On completion of recovery the cable bundle will be re-laid with the bundle separated into two, one DC cable and one bundled DC with fibre optic cable. The cables will be cut to length for jointing and the two ends deployed at approximately KP3.15 and KP3.4.

2) Pull Out of Winch Wires Portgordon (1 day per Horizontal Directional Drilling (HDD) Duct) - Vessel: Multicat C-Fenna

Three shore pull in winch wires will be hauled out through the HDD ducts prior to arrival of CLV Victoria at Portgordon. This work will be done using a Multicat moored off the end of the HDDs at approximately KP1.6. The Multicat will haul out the winch wires using previously installed messenger wires. The pull out will be done using a winch on board the Multicat with the Multicat stationary in a four point mooring. During pull out the HDDs will be lubricated internally using a pigging device. Each point of the 4 point mooring is arranged with a 24te clump weight placed on the seabed by the Multicat itself. The Multicat will also place 6 off similar mooring points in planned positions extending out to approximately KP2.4. All moorings are contained within the working area defined above. These will be used at a later stage.

3) Float Out / Pull In of cable at Portgordon (1 day per HDD Duct) - Vessels: CLV Victoria, Multicat C-Fenna, 4 x 7m workboats, 2 x 5.5m RIBs and 1 x 14m workboat Coral Wind as MMO observer vessel / crew transfer vessel. The workboats and RIBs will operate from Buckie Harbour.

CLV Victoria will set up on the cable route at approx KP2.5. The Multicat will set up off the first HDD duct using the same mooring pattern as for pull out of the winch wires. The end of the first cable will be connected to a towing line and towed by one of the 7m workboats toward the Multicat moored at the HDD duct / KP1.6. As the cable is paid out from the CLV Victoria floats will be attached. On reaching the Multicat the cable end will be connected to the winch wire previously installed in the HDD duct. Hauling will commence from shore. The cable will be drawn up and over the Multicat and through the HDD. Cable floats will be removed at the Multicat and returned to the CLV Victoria. A cable tensioner on the Multicat will be used to control the cable catenary entering the HDD duct subsea. On completion of the pull the Multicat will move along the cable toward the CLV Victoria removing floats and sinking the cable in to the pre-cut trench. This work will be conducted with the Multicat winching itself between the 6 mooring points installed at the previous stage. On reaching KP2.5 the cable with floats attached will be lifted overside. The Multicat will slip its moorings and clear away from the cable. The CLV Victoria will then recover the short section with floats attached, remove floats and lay away placing the cable in the pre-cut trench.

4) Lay Down at Jointing Position (1/2 day per HDD) - Vessel: CLV Victoria

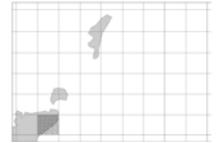
On reaching the jointing position CLV Victoria will lay down the cable end in the configuration planned for jointing. Steps 3 and 4 will be repeated for the remaining 2 cables.

5) Cable Jointing (10 days) - Vessel: CLV Victoria

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

Survey – Caithness Mainland to Orkney Subsea Link - SSE

Mariners are advised that survey equipment will be used in the area of Caithness to Stromness and the inland waters around Orkney.



Company, Vessel & Call Sign	Area	Area	Start Timeframe & Duration
MMT Stril Explorer – LAZT7 Seabeam – 2BGN2	Dounreay to Warebeth 58°35.000'N 003°47.000'W 58°47.000'N 003°35.000'W 58°57.000'N 003°20.000'W Hoy-Graemsay-Orkney 58°55.000'N 003°18.000'W 58°55.000'N 003°12.000'W 58°52.000'N 003°12.000'W Hoy-Flotta 58°50.000'N 003°12.000'W 58°50.000'N 003°09.000'W 58°48.000'N 003°11.000'W 58°48.000'N 003°09.000'W	Flotta-South Ronaldsay 58°51.000'N 003°04.000'W 58°48.500'N 003°04.000'W 58°48.500'N 003°01.000'W 58°51.000'N 003°01.000'W South Ronaldsay-Burray-Orkney 58°45.000'N 002°56.000'W 58°44.000'N 002°50.000'W	31 January 2018 For 70 Days

For further information, please contact: Martin Godfrey (MMT Project Manager), Tel: +44 1295 817 748 email: martin.godfrey@mmt.se
 Kalle Flink (MMT Operations) Tel: +46 708 11 28 43 email: kalle.flink@mmt.se

Survey – Havfrue Subsea Cable System

TE Subsea Communications LLC has contracted Fugro to carry out a cable route survey for the proposed cable system.



The HAVFRUE cable system is a planned transatlantic telecommunication network that will connect the United States of America and Europe. This cable system design spans nearly 8,179 km with initial landing points in four markets, including the USA, Ireland, Norway and Denmark, plus a possible option in Germany.

Company, Vessel & Call Sign	Area	Area	Start Timeframe & Duration
Fugro MV Fugro Discovery 3EKE6	Entering the UK EEZ in this point 56°32.500'N 011°27.637'W Entering the UK TW in this point 59°42.631'N 001°52.917'W	Leaving the UK TW in this point 59°36.828'N 001°13.744'W Leaving the UK EEZ in this point 59°07.157'N 001°39.839'E	09 February 2018 For 4 Weeks

For further information, please contact: Marc Kebbel, Fugro, Tel: +49 421 22 39 150 email: m.kebbel@fugro.com

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On reaching the jointing position CLV Victoria will lay down the cable end in the configuration planned for jointing. Steps 3 and 4 will be repeated for the remaining 2 cables.

5) Cable Jointing (10 days) - Vessel: CLV Victoria

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

Notice to FishermenPublished: 11 January 2018 | **Latest Update: 11 January 2018****Concerto North – Cable Repair**

The **CS Sovereign** is currently scheduled to arrive on site **03 January 2018** to commence repair works.

The estimated location is 52° 17.25'N 002° 18.62'E,

and the duration of the cable repair will be approximately 5 days depending upon weather or other operational conditions. Departure is currently scheduled for today, but weather is being monitored and there is possibility of delay if wind prevents safe working conditions.



For further information: John Wrottesley, Global Marine Group, Tel: +44 1245 702009 email: john.wrottesley@globalmarine.group

Notice to FishermenPublished: 12 November 2017 | **Latest Update: 05 December 2017****NorSeaCom Seg 3 – Cable Repairs**

Global Marine has been contracted to undertake three emergency repair operations to the NorSea Com-1 Seg 3 submarine fibre optic telecommunications cable in the North Sea.

The CS Wave Sentinel is Now to relocate to commence repair works. The estimated locations and planned order of works are as follows:

- 1st Location: 53°12.212'N 02°24.229'E - **Completed**
- 2nd Location: 52°56.584'N 02°23.989'E - **Completed**
- 3rd Location: 52°35.800'N 02°15.600'E - **Where ROV inspection and burial will take place**

The duration of the cable repairs will be approximately 15 days depending upon weather and other operational conditions.

For further information: John Wrottesley, Global Marine Group, Tel: +44 1245 702009 email: john.wrottesley@globalmarine.group

**Notice To Fishermen**First Published: 07 September 2017 | **Latest Update: 07 September 2017****Cable Repairs – IFA 2000**

As communicated in March 2017, the repair of four cables of IFA 2000 link has been completed, but some lengths of these power cables are still exposed and represent a hazard for Fishermen (and the cables themselves).

Caution should therefore be exercised in this area until the protection operations have been carried out.

Six marking buoys securing the area have been left on site.

The positions of the buoys are :

51° 04.761' N	1° 16.849' E
51° 04.468' N	1° 17.008' E
51° 04.545' N	1° 16.409' E

And

51° 03.627' N	1° 15.929' E
51° 03.770' N	1° 16.610' E
51° 04.027' N	1° 15.763' E

For further information: Valerie LEROY, Louis Dreyfus Tel: +33(0)4 42 18 34 11 email: vleroy@ldtravocean.com



Survey – Aquind Interconnector Survey



MMT, on behalf of Aquind Ltd, will be carrying out a Geophysical and Unexploded Ordinance (UXO) survey along the proposed UK section of the Aquind cable route, between Eastney, near Portsmouth and the limit of the UK EEZ.



Two additional support vessels are required - The FPV Morven will shadow the MV Seabeam (inshore survey vessel) and the Wessex Explorer will shadow the MV Franklin (offshore survey vessel). An offshore Fisheries Liaison Officer (FLO) will be stationed on each viewing vessel.

Company, Vessel & Call Sign	Area	Area	Start Timeframe & Duration
MMT MV Seabeam Call sign: 2BGN2 (14th – 25th November)	See map link (top right)	See map link (top right)	16 Nov – 27 Feb 2018
MV Franklin Call sign: SEIN (16th November – 15th December)			

For further information, please contact: Tom Darley, Brown and May, T: 01379 870181, E: Tom.darley@brownmay.com

Notice to Fishermen

Published: 08 February 2018 | **Latest Update: 08 February 2018**

UK Channel Islands 8 – Cable Repair



The CS Sovereign is currently scheduled to arrive on site 07 February 2018 to commence repair works.

The estimated location is 49°32.618'N 004°06.244'W,

and the duration of the cable repair will be approximately 5 days depending upon weather or other operational conditions. Departure is currently scheduled for today, but weather is being monitored and there is possibility of delay if wind prevents safe working conditions.



For further information: John Wrottesley, Global Marine Group, Tel: +44 1245 702009 email: john.wrottesley@globalmarine.group

Western HVDC Link – Rock Replacement Works



Change of Emergency Contact Number - 07508008515

Mariners are advised that following recent survey work along the Western HVDC Link cable route an area of cable has been found to require rock protection to ensure that it is adequately buried. The location of this area is illustrated in a Notice to Mariners that can be downloaded [here](#) and is summarised below.



Rock placement work is due to be carried out at 4 locations:-

- **Liverpool Bay:** in an area extending for 450m, between the points 053°31.649'N 003°33.459'W to 053°31.772'N 003°33.063'W. A notice to mariners advising of exposed cable in this area was issued in October 2017, and this area has been patrolled by a Guard Vessel.
- **South of the Isle of Man:** two small areas of rock protection will be installed here:-
 - Approximately 30m between 053° 53.722'N 004° 28.870'W and 53° 53.722'N 004° 28.846'W
 - Approximately 17m between 053° 53.916'N 004° 35.567'W and 53° 53.915'N 004° 35.552'W
- **West of the Isle of Man:** a bight in the cable covering approximately 20m between 054° 21.597'N 005 14.458'W and 54° 21.593'N 005° 14.456'W

This work is due to commence on the **16th December 2017**. A map showing the rock placement locations can be downloaded [here](#).

For further information: Jim Andrews, Fisheries Liason Officer, Tel: +44(0)7908225865 email: jim@awjmarine.co.uk

Change of Emergency Contact Number - 07508008515

Local Awareness Charts

Chart	Area	Location	Turbines	Developer	Completed	Link
Barrow	5	7km dudgeon Island	30	Orsted	1 Jul 2006	Download
Blyth	2	1km N.E Coast	2	E.ON	-	Download
Burbo Bank	5	5.2km Crosby	25	Orsted	27 Oct 2007	Download
Dudgeon	3	38km Outer Wash	67	Statoil	-	Download
Galloper	3	27km off Suffolk Coast	56	Galloper Wind Farm Ltd	-	Download
Greater Gabbard	3	26km off Orford, Sufflk	140	SSE & RWE Npower Ren	7 Sept 2012	Download
Gwynt y Mor	5	13km off N Wales Cst	160	RWE Innogy / SWM / Siemens	18 Jun 2015	Download
Gunfleet Sands 1, 2 & 3	3	8.5km off Clacton-On-S	50	Orsted	19 April 2010	Download
Humber Gateway	3	8km off Holderness Cst	73	E.ON UK	5 Jun 2015	Download
Kentish Flats	3	9km off Whitstable	30	Vattenfall	1 Oct 2015	Download
Lincs	3	8km off Skegness	75	Centrica / Orsted / Siemens	10 Oct 2013	Download
London Array	3	24km off Clacton-on-S	175	Orsted / E.On / Masdar	1 May 2013	Download
Lynn and Inner Dowsing	3	5km off Skegness	54	Siemens	30 Mar 2009	Download Download
North Hoyle	5	7.5km off Prestatyn	30	Innogy SE	1 Dec 2003	Download
Ormonde	5	off Walney Island	30	Vattenfall	22 Feb 2012	Download
Rampion	3	Off Sussex Coast	116	E.ON UK Renewables	-	Download
Rhyl Flats	5	8km Abergele	25	RWE Npower Renewables	2 Dec 2009	Download
Robin Rigg	5	9.5km Maryport	60	E.ON UK Renewables	16 Apr 2010	Download
Scroby Sands	3	3km NE Great Yarmth	30	E.ON UK Renewables	1 Mar 2004	Download
Sheringham Shoal	3	Sheringham, Grtr Wash	88	Scira Offshore Energy Ltd	27 Sep 2007	Download
Teeside	3	1.5km NE Teesmouth	27	EdF ER	1 Aug 2013	Download
Thanet	3	11km Foreness Point	100	Vatenfall	23 Sept 2010	Download
Walney 1	5	14km Walney Island	51	Orsted / SSE (+ prttrs)	9 Jan 2012	Download
Walney 2	5	14km Walney Island	51	Orsted / SSE (+ prttrs)	9 Jan 2012	Download
West of Duddon Sands	5	14km Walney Island	108	Scottish Power / Orsted	30 Oct 2014	Download
Westermost Rough	3	25km north of Spurn P	35	Orsted	26 Mar 2015	Download

National Awareness Charts

Chart	Link
North Sea North & West	Download
North Sea Central	Download
North Sea South	Download
English Channel	Download
South Western Approaches	Download
Irish Sea	Download
Baltic North	Download
Baltic South	Download

National Fishing Plotter Files

File	Link
Kingfisher Fishing Plotter Files – KIS-ORCA January 2018 (Subsea Cables and Wind Farms)	Download