23 March 2017 | Issue 06

Shaded blocks indicate activity.

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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

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Position</th>
<th>Issue Date</th>
<th>Contact Details</th>
<th>Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposed end of cut pipeline</td>
<td>60°00.063'N 001°23.757'E</td>
<td>14 Feb 2017</td>
<td><a href="mailto:nick.strachan@uk.bp.com">nick.strachan@uk.bp.com</a></td>
<td></td>
</tr>
</tbody>
</table>

#### Area 2 - Hazard List

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Position</th>
<th>Issue Date</th>
<th>Contact Details</th>
<th>Map</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation of Rock Berm</td>
<td>57°24.661'N 01°35.731'W to 57°24.675'N 01°39.073'W</td>
<td>23 Mar 2017</td>
<td><a href="mailto:nick.strachan@uk.bp.com">nick.strachan@uk.bp.com</a></td>
<td></td>
</tr>
</tbody>
</table>

*The Hazard List is a collection of potential fishing hazards supplied to Kingfisher from across all offshore industries. Potential hazards will be listed for 6 months.*
Caithness - Moray HVDC Link – Trenching Operations

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

Trenching Operations from 20/03/17 and 30/06/2017

Between: 57°39.807’N 003°01.903’W - 58°28.800’N 003°03.314’W

Vessels: Siem Ruby   MV C-Odyssey   Remote Sensor   Marine Sensor

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

Caithness - Moray HVDC Link – Diving Activity off Noss Head

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

During the period 17 April 2017 to 31 May 2017 ABB will carry out diving operations in the following area:

58°27.841’N 003°01.900’W  -  58°27.810’N 003°02.767’W
58°27.800’N 003°02.823’W  -  58°27.773’N 003°02.610’W
58°27.767’N 003°02.925’W  -  58°27.841’N 003°01.900’W

Vessels: MV Teal   Shuna

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

Caithness - Moray HVDC Link - Survey

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

In the period 13 March 2017 to 30 April 2017 Ecosse Subsea Systems Ltd on behalf of ABB will carry out a multibeam echo sounder (MBES) survey along the cable route centreline

Position: 57°40.700’N 003°01.900’W  -  57°43.800’N 003°01.300’W

Vessel: Full MCA Cat III

There is a working zone 250m either side of the route centreline to allow for survey line run ins and run outs. Other seafarers are requested to keep clear during these operations.

For further information: Richard Creed, ABB Tel: +44 7802 225532  email: Richard.creed@se.abb.com
Exposed Cable Sections – SHEFA 2 Subsea Cable

The Shefa-2 submarine cable, running between Banff, Orkney, Shetland and Faroes has suffered from several cable breaks since deployment in 2007. A re-deployment was completed successfully late in 2014 and the majority of exposed areas are now buried.

However, Shefa urgently has to stress that a further few areas of the Shefa-2 segment 7, 8 & 9 are unburied and therefore exposed. Especially we need to highlight a limited exposed area on the segment running between Manse bay in Orkney and Banff in Scotland between the following positions:

A: 58°47.208’N 002°46.617’W and  B: 58°47.300’N 002°46.763’W

This area represents a hazard to fishing and should be avoided at all times. The latest route of the cable may be seen on the KIS-ORCA Fishing Plotter disk released January 2015 and may be downloaded from www.kis-orca.eu/downloads

For a copy of the Kingfisher Awareness Flyer, showing the exposed sections of SHEFA from December 2013, please contact the undersigned. Alternatively, click on the link below, or visit www.kingfishercharts.org

For further information: Tel: +298243602, Email: phv@ft.fo, brr@ft.fo

Area 1

Notice To Fishermen
Notice To Fishermen

Caithness - Moray HVDC Link – Trenching Operations

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

Trenching Operations from 20/03/17 and 30/06/2017

Between: 57°39.807’N 003°01.903’W - 58°28.800’N 003°03.314’W

Vessel: Siem Ruby  MV C-Odyssey  Remote Sensor  Marine Sensor

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

SEA-ME-WE 3 SEG 10.4 – Emergency Repair Complete

The CS Wave Sentinel has now completed its repair on the SWM3 10.4 cable located at 52°11.000’N 03°11.000’E

For further information: Alex Riddell, Global Marine Systems Ltd Tel: +44 1245 702111 email: Alex.Riddell@globalmarinesystems.com

Notice to Fishermen

TAT 14 – Emergency Repair Complete

The CS Wave Sentinel has now completed its repair on the TAT14 Segment I cable located at 52°07.754’N 03°19.071’E

For further information: Alex Riddell, Global Marine Systems Ltd Tel: +44 1245 702111 email: Alex.Riddell@globalmarinesystems.com

Notice To Fishermen

Cable Repairs – IFA 2000

The submarine electrical link (IFA 2000) between England and France. This link is composed of 8 cables laid in pairs in 4 trenches, called “routes”.

Cables repair operations offshore Dover, please be informed that “repair” operations are now completed, and that “protection” operations are postponed and will take place during the spring.

In the meantime, we have repositioned the marking buoys securing the area, in order to reduce the exclusion zone: we have now delimited 2 smaller triangular exclusion areas.

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
Notice To Fishermen

Cable Repairs – Concerto 1 North

Recently there have been several repairs to the Concerto 1 North cable due to the mobile nature of the seabed. These repairs are post repair buried but remain more vulnerable than other sections of the cable. For all details of the current status of the cable please see the up to date Kingfisher Awareness Flyer. This may be obtained by clicking the link below or by visiting www.kingfishercharts.org

Please note that the following chart has been updated.

For further information: Neil Donovan, Interoute Communications Ltd, e-mail: neil.donovan@interoute.com

Notice to Fishermen

Hazardous Condition of Cable – Ulysses South Landing (St Margaret’s Bay)

Please note that further to earlier notices, the Ulysses South submarine cable landing at St Margaret’s Bay, near Dover, remains broken at position: 51°08.70’N 01°24.06’E. This position lies approximately 1.3km offshore in a water depth of 15 metres.

As a result of this fault, the cable at the approaches to St Margaret’s Bay has been dragged an indeterminate distance to the north of its as laid route on either side of the fault position. Caution should therefore be exercised in this area until the cable repair operation has been carried out.

A map of the hazardous position may be seen by clicking on the ‘Map Link’ in the top right corner

For further information: Steven Bennett, Global Marine, Tel: +44 7557 908179 email: Steven.bennett@globalmarinesystems.com

Survey Activity

Nemo-Link Project – UXO Inspection Operations

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area Covered</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nemo-Link Project Havila Phoenix C6BD2</td>
<td>1. 51°19.602’N 001°53.815’E</td>
<td>December 2016 to End of April 2017</td>
</tr>
<tr>
<td></td>
<td>2. 51°19.510’N 001°57.572’E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. 51°19.527’N 002°01.562’E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. 51°19.528’N 002°05.007’E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5. 51°19.552’N 002°10.173’E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6. 51°19.405’N 002°11.522’E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7. 51°18.828’N 002°16.083’E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8. 51°19.263’N 002°18.543’E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>9. 51°20.068’N 002°21.738’E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10. 51°20.690’N 002°24.123’E</td>
<td></td>
</tr>
</tbody>
</table>

For further information: Nemo Marine Coordinator, Deep Ocean, Tel: +44 (0)1325 390 500 email: NemoMarineCoordinator@Deepoceangroup.com
Notice to Fishermen
Published: 09 March 2017 | Latest Update: 17 March 2017

Isles Of Scilly Interlink Power Cable – Emergency Repair

Global Marine Systems Ltd has been contracted to undertake an emergency repair to the Isles Of Scilly Interlink submarine power cable in the Celtic Sea.

The repair is not yet complete, the cable is still parted on the seabed, the vessel is returning to port for some additional cable & jointing parts

Repair Location: 50°06.230’N 005°54.122’W

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

Notice to Fishermen
Published: 09 March 2017 | Latest Update: 09 March 2017

Atlantic Crossing-1 – Emergency Repair

Please note on behalf of Alcatel Submarine Networks Ltd. has been contracted to undertake an emergency repair to the Atlantic Crossing-1 submarine fibre optic telecommunications cable in UK territorial waters.

The C/S Ile de Brehat is scheduled to arrive on site on the 4th March at 22:00UTC to commence works. The duration of the cable repair will be approximately 7 days depending upon weather or other operational conditions.

Repair Location: 50°00.360’N 005°53.209’W

For further information: Darren Griffiths, Alcatel Submarine Networks, Tel: +33 1 70 38 61 83 email: Darren.griffiths@asnmarine.com

Notice to Fishermen
Published: 09 March 2017 | Latest Update: 09 March 2017

Flag Atlantic-1 – Emergency Repair

Please note on behalf of Alcatel Submarine Networks Ltd. has been contracted to undertake an emergency repair to the Flag Atlantic-1 (FA-1) submarine fibre optic telecommunications cable in UK territorial waters.

The cable system runs between Skewjack, UK and Northport, NY, USA. The C/S Peter Faber is scheduled to arrive on site on the 11th March at 03:30UTC to commence works. The repair will be approximately 7 days depending upon weather or other operational conditions.

Repair Location: 50°08.125’N 005°53.668’W

For further information: Darren Griffiths, Alcatel Submarine Networks, Tel: +33 1 70 38 61 83 email: Darren.griffiths@asnmarine.com

Notice to Fishermen
Published: 09 March 2017 | Latest Update: 09 March 2017

Ireland-UK – Emergency Repair

Please note on behalf of Alcatel Submarine Networks Ltd. has been contracted to undertake an emergency repair to the Ireland-UK submarine fibre optic telecommunications cable in UK territorial waters.

The C/S Ile d’Aix is scheduled to arrive on site on the 14th March at 04:00UTC to commence works (dependent on the progress of other operational commitments). The duration of the cable repair will be approximately 7 days depending upon weather or other operational conditions.

Repair Location: 50°12.904’N 005°52.656’W

For further information: Darren Griffiths, Alcatel Submarine Networks, Tel: +33 1 70 38 61 83 email: Darren.griffiths@asnmarine.com

Stay up to date
Always ensure you have the latest
Kingfisher Bulletin and offshore fishing plotter data.

t: +44 (0)1472 252 307 e: kingfisher@seafish.co.uk ▪ @KingfisherInfo www.kingfishercharts.org
Exposed Cable Sections – Apollo South Cable (SW Approaches)

On behalf of Apollo SCS Ltd, fishermen are advised that following a recent repair to the Apollo South subsea telecoms cable there now exists a section of exposed/unburied cable in the vicinity of

49°04.76N Long 006°41.59W

Due to the nature of the seabed in this area the cable is exposed and could be a hazard to fishing. Fishermen are asked to ensure that they have the route of the Apollo South Cable accurately plotted on their fishing charts. Trawler skippers are respectfully asked to exercise caution when trawling in the vicinity of the Apollo South cable and to keep beyond a distance of at least 500 metres from the charted cable route and where at all possible to avoid trawling directly over the cable route. Static gear fishermen are advised not to deploy anchors and end weights in close proximity of the cable.

For further information: Colin Richards, Apollo SCS, Tel: +44(0) 1404 46323 email: colinrichards@networkmarine.fsnet.co.uk

North Coast of Cornwall – Wave Hub Subsea Cable Safety Notification

Please be advised that following the recent installation of the Wave Hub Cable Tail Extensions across the offshore Renewable Energy Development Area that the subsea electrical system is now live at 33kV.

The following safety information should be carefully digested by any mariner operating in the vicinity of the Wave Hub offshore site or export cable:

1) Four new and exposed cable tails have been installed across the charted offshore Renewable Energy Development Area (KP chart and RPLs attached). These cables are stabilised against current and wave action and supported where free-spans occur with rock bags but are not otherwise protected from anchors or fishing gear.

2) Due to varying sediment depths, the Wave Hub main export cable remains exposed in places in St Ives Bay. From KP 1.9 to KP 8.1 the subsea power cable is in parts exposed or carries a high risk of exposure (KP chart and RPLs attached). From the shore to KP 1.9 the subsea power cable is buried and from KP 8.1 to the Wave Hub itself (KP 25) the subsea power cable is surface laid and covered by a continuous rock berm.

Cable exposure limits (Wave Hub subsea export cable):

<table>
<thead>
<tr>
<th>KP</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Seabed Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 1.90</td>
<td>50°12.691' N</td>
<td>005°25.639' W</td>
<td>12.5m</td>
</tr>
<tr>
<td>To 8.10</td>
<td>50°14.222' N</td>
<td>005°29.945' W</td>
<td>27.2m</td>
</tr>
</tbody>
</table>

For further information: Julius Besterman, Wave Hub, Tel: 01736 800291, Mobile: 07825 943738 http://www.wavehub.co.uk/notice-to-mariners

Hugo Seg 1 – Cable Repairs

Due to work on the Hugo subsea cable, there remains vulnerable and hazardous sections. Due to the nature of the seabed, although all efforts had been made to bury the cable and associated joint boxes, only minimal or reasonable coverage was achieved.

Section 1 – Repair section of over 4km including final splice bight (minimal coverage)

Extreme caution should be exercised if working between: 49°39.163N 004°59.495W and 49°38.310N 004°56.427W

Section 2 – Repeater installation at 49°35.576N 4°46.785W (minimal coverage)

Extreme caution should be exercised if working between: 49°35.657N 4°47.079W and 49°35.519N 4°46.553W

Section 3 – Repeater installation at 49°36.675N 3°35.048W (reasonable coverage)

Caution should be exercised if working between: 49°36.671N 003°35.332W and 49°36.675N 003°34.752W

For further information: Jon Ford at Vodafone, Tel: +44 7776 165571 email: jon.ford@vodafone.com
Exposed Cable Sections – CIEG Guernsey (Jersey 90kv Subsea Power)

Due to repair works, two sections of cable remain unburied. Cables and joints are lying exposed on the sea bed and are a hazard to fishing and at risk of being damaged.

Cable Repair 1 – Jersey to Guernsey (2012)
The repaired sections lay between 49°22.736'N 002°29.220'W and 49°22.360'N 002°28.494'W and has a hairpin bight facing west south west extending for 370 meters to 49°22.610'N 002°29.412'W as shown in the image within the Map Link.

Cable Repair 2 – Jersey to Guernsey (2015)
The repaired sections lay between 49°26.965'N 002°31.422'W to 49°26.873'N 002°31.125'W where it then heads south to 49°26.584'N 002°31.191'W. The hairpin bight facing west south west extending for 70 meters to 49°26.887'N 002°31.321'W as shown in the image within the Map Link.

Please exercise caution when carrying out work such as trawling in these areas.

For further information: Heidi Le Noury, Channel Island Electricity Grid, Tel: +44(0)1478 1241977, Email: Heidi.LeNoury@electricity.gg
Notice to Fishermen

Published: 09 March 2017 | Latest Update: 09 March 2017

Incorrect Plotter Data – BT-MT1 Telecoms Cable (Irish Sea)

Please note that in error the BT-MT1 subsea telecommunications cable was NOT included on the KIS-ORCA fishing plotter data for January 2017. The cable is still active and care should be taken if fishing in the vicinity.

KIS-ORCA charts and www.KIS-ORCA.eu/map are unaffected.

Corrected plotter data has been produced and is available to download from www.KIS-ORCA.eu/downloads - for the full zip file of KIS-ORCA data click: http://www.kis-orca.eu/media/27588/ALL_KIS-ORCA_Plotters_2017v2.zip

Corrected USB cards will be issued in June 2017 - please contact Kingfisher if you would like help, or new USB cards supplying before this time.

For further information: Kingfisher Information, Tel: 01472 252307, Email: kingfisher@seafish.co.uk

Notice to Fishermen

Published: 09 March 2017 | Latest Update: 09 March 2017

Hibernia C – Emergency Repair

Please note on behalf of Alcatel Submarine Networks have been contracted to undertake an emergency repair to the Hibernia Networks submarine fibre optic telecommunications cable within the UK Exclusive Economic waters.

The C/S Ile d’Aix is scheduled to arrive on site on the 2nd March at 23:00UTC to commence works. The duration of the cable repair will be approximately 7 days depending upon weather or other operational conditions.

Repair Location: 53°48.290’N 004°30.058’W

For further information: Darren Griffiths, Alcatel Submarine Networks, Tel: +33 1 70 38 61 83 email: Darren.griffiths@asnmarine.com

Notice To Fishermen

Published: 20 October 2016 | Latest Update: 20 October 2016

Isle of Man Interconnector Cable – Update 2016

The Isle of Man Interconnector Cable runs beneath the sea between Douglas on the Isle of Man, and Bispham on the Lancashire coast. It was installed in September 2000 and spans a distance of 104km (56 nautical miles), linking the Isle of Man to the UK National Grid.

Information for Mariners - 2016 Update
An updated version of the information leaflet for mariners about the IOM Interconnector Cable has recently been produced and can be downloaded here.

Cable Protection
At several points along the cable route the cable is surface laid where there are joints between sections of the cable and where it crosses other cables and pipelines.

To protect the surface laid cable and to ensure that fishing can continue safely along the route, protective mattresses have been installed at six locations. Details of these locations are given in maps here.

Surveys in 2011 found that there was some movement of the rock mattresses closest to the Lancashire coast. You can download a notice about potential hazards in this area here.

Exposed Cable
The seabed close to the Lancashire coast is very mobile. Parts of the cable lying within 2 nautical miles of the coast may occasionally be exposed by movements of the sand on the seabed. The Manx Cable Company monitor the cable carefully along this part of the route, and published a notice to mariners based on recent survey information here.

Background information
More information about the IOM Interconnector cable can be found on our website here. The Manx Cable Company is part of Manx Utilities. More information about the Manx Cable Company can be found here.

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

Stay up to date
Always ensure you have the latest Kingfisher Bulletin and offshore fishing plotter data.
Mariners are advised that debris has been found on the Western HVDC Link route. A Notice to Mariners has been issued to ensure that Mariners are aware of the location of this debris. This can be downloaded here.

Debris Found
During the Pre Lay Grapnel Run (PLGR) along the cable route to the south of the Isle of Man some debris was found. This measured 4.5m long by 3m wide and 0.7m high. It is understood that this could be part of the superstructure of a vessel. The debris was moved off the Western HVDC cable route. It is currently lying in approximately 72m of water at the following location:-

**Debris:**

- **Latitude:** 53° 53.803'N
- **Longitude:** 004° 42.486’W

Exposed cable locations
There are several sections of exposed cable along the cable route at locations where cable burial or protection has not been possible and at some remaining planned cable crossing locations. These sections are currently being monitored by Guard Vessels which have been deployed locally. To assist all mariners, a consolidated list of exposed cable locations (as of 15th March 2017) has been compiled. This list is included in the notice to mariners that can be downloaded here.

Firth of Clyde (Campaigns 4a & 4b)
Cable laying work has been completed for one cable along all of this route (from Ardneil Bay to the west of Ailsa Craig). Cable burial work has been completed along most of this route, with the only exposed areas remaining close to the landfill, at two planned service crossings, and at the end of the cables, where burial work will be carried out after the installation of the second cable. The location of the exposed areas in the Firth of Clyde is given in Table 1 of the notice to mariners which can be downloaded here. Cable burial work on Campaigns 4a & 4b is being carried out by the vessels *Normand Pacific* and *Jif Challenger*. This work started in early February 2017. Information about this work has been provided in an earlier Notice to Mariners which can be downloaded here.

North Channel & Firth of Clyde (Campaigns 3 & 6)
Campaigns 3 & 6 run through the North Channel and into the southern part of the Firth of Clyde. On these sections of the route there are still some small exposed areas of cable associated with localised hard seabed conditions. A review is being carried out to reduce the requirement for protection by rocks along this part of the cable route. The locations of the exposed areas is detailed in Table 2 of the notice to mariners that can be downloaded here.

Guard vessels
Guard vessels have been stationed along the cable route during installation and burial to ensure the safety of marine users. They will remain in position until cable protection operations are completed to advise mariners of the location of exposed cable. In areas where the cable crosses other cables and pipelines that are in service, the guard vessels will remain on station until cable protection has been completed in these locations (either through concrete mattressing or rock placement). 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 have been deployed at each location to aid in monitoring the exposed areas and advise of safe distances locally. The locations of Guard Vessel areas and exposed sections are shown in Tables 1 & 2 of the Notice to Mariners which can be downloaded here.

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

- **Exposed cable locations: Update, Irish Sea North Channel, Firth of Clyde** - this is the notice described above. It provides an update on exposed cable locations in these areas. The notice can be downloaded here.
- **Debris** - this notice was issued on the 15th March 2017. It informs mariners of the location of some debris that was found during the Pre Lay Grapnel Run along the cable route to the south of the Isle of Man. The notice can be downloaded here.
- **Survey works of cable installation in Liverpool Bay, Irish Sea, North Channel and Firth of Clyde** - this notice was issued on 1st March 2017. It provides an update on survey work that is due to be conducted along the installed cable route. The notice can be downloaded here.
- **Exposed cable locations, Irish Sea, North Channel, Firth of Clyde** - this notice was issued on the 10th February 2017. It provides an update on the locations of rock protection areas and exposed cable locations which are awaiting protection as of the 10th February 2017. The notice can be downloaded here.
- **Post Lay Rock Placement Works** - this notice was issued on 1st February 2017 (and updated on 10th February 2017) and provides information about rock protection work for Campaigns 3 & 6 of the cable route which will be carried out between February and March 2017. The notice can be downloaded here.
- **Exposed cable locations, Irish Sea, North Channel, Firth of Clyde** - this notice was issued on 1st February 2017 and provides information about the cable burial work for Campaign 4 of the cable route which will start in early February 2017. The notice can be downloaded here.

For further information:

Jim Andrews, Fisheries Liaison Officer, Tel: +44(0)7908225865  email: jim@awjmarine.co.uk
Excluding Cable and Poor Burial – Sirius South Cable

Mariners are advised that there is sections of Exposed Cable & Poor Burial of this section of the Sirius South Cable.

From: 53°43.383’N 4°20.306’W | To: 53°43.383’N 4°20.306’W

Also Exposed Section of Cable: 53°43.383’N 4°20.306’W

For further information: Peter Jamieson, Virgin Media, email: peter.jamieson@virginmedia.co.uk

Hazard - Hibernia Segment C – Abandoned Gear & Vulnerable Cable

Incident involving a fishing vessel snagging its gear. GMSL’s understanding is the MCA advised the vessel (Siobhan 3) to slip its gear due to the proximity of the Hibernia Segment C subsea cable.

The position given was 53°50.340'N:004°55.832'W, south of the Isle of Man, although it cannot be confirmed if the gear was snagged on the cable.

For further information: Hibernia cables with the new 24/7 Emergency Contact Number of: +353 1 867 3601

Fishing Hazard – Exposed Subsea Cable, Beam Trawl and Wire

Please be advised that, following entanglement with a subsea cable, a beam trawl and scallop gear have been discarded at the position below.

The fishing gear is entangled with the subsea cable and poses a significant hazard to fishing (L: 10m x H: 2m). There is also over 80m of exposed cable in the vicinity, due to the trawl dragging the cable from its original position.

The position is: 55°22.915’N 06°35.917’W

It was advised that the fishermen cut away both sides of his fishing gear and up to 200 fathoms of wire rope.

Please exercise extreme caution whilst fishing in this area.

For further information: Alasdair Willie, Hibernia, Email: alasdair.willie@hibernianetworks.com, Tel: +44 1704 322 306, Mobile: +44 7850 770 577
Cable Repairs – TAT 14 (Segment K)

During the last four years there have been several repairs to the TAT 14 segment K cable North of Scotland from the Fair Isle Channel to the Continental Shelf edge and slope. For all details on the current status of the cable please see the up to date Kingfisher Awareness Flyers. These may be obtained by clicking on the links below, or by visiting [www.kingfishercharts.org](http://www.kingfishercharts.org).

Please note that the following charts have also been updated:

- Kingfisher Flyer: Sprint 2013 - ENGLISH
- Kingfisher Flyer: Sprint 2013 - FRENCH
- Kingfisher Flyer: Sprint 2013 - FAROESE
- Kingfisher Flyer: Sprint 2013 - RUSSIAN

For further information: Barry Peck, Sealine Marine Services, Email: bepeck@sealine.org.uk