The shaded blocks below indicate reports of fishing hazards and offshore activities.

What's inside?

**New Hazards** (p.2)

**Area 1** (p.3)
1. Notice to Fishermen
2. Seabed Activity

**Area 2**
1. N/A

**Area 3** (p.4-5)
1. Notice to Fishermen
2. Seabed Activity

**Area 4** (p.6-7)
1. Notice to Fishermen

**Area 5** (p.8-10)
1. Notice to Fishermen

**Area 6** (p.11)
1. Notice to Fishermen
### 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>Enquest Water Injection Flowline - Crater</td>
<td>61°28.383’N 001°30.767’E</td>
<td>28 July 2016</td>
<td><a href="mailto:Linda.Bremner@enquest.com">Linda.Bremner@enquest.com</a></td>
<td></td>
</tr>
<tr>
<td>Exposed cut end of pipe</td>
<td>61°04.102’N 001°24.107’E</td>
<td>14 July 2016</td>
<td><a href="mailto:kingfisher@seafish.co.uk">kingfisher@seafish.co.uk</a></td>
<td></td>
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</table>

### Area 3 – 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>Cement Block</td>
<td>57°49.735’N 001°02.347’W</td>
<td>25 Aug 2016</td>
<td><a href="mailto:Brian.Beattie@nexencnoocltd.com">Brian.Beattie@nexencnoocltd.com</a></td>
<td></td>
</tr>
<tr>
<td>New Suspended Wellhead – 21/19-13</td>
<td>57°22.931’N 000°43.018’E</td>
<td>28 July 2016</td>
<td><a href="mailto:Marcelle.wynter@oga.gsi.gov.uk">Marcelle.wynter@oga.gsi.gov.uk</a></td>
<td></td>
</tr>
<tr>
<td>Dropped objects in East Anglia Wind Farm</td>
<td>52°16.665’N 002°31.323’E</td>
<td>14 July 2016</td>
<td><a href="mailto:v.griffiths@fugro.com">v.griffiths@fugro.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.*
Moray HVDC Link – The Caithness

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 Transmission) stretching approximately 113 km across the Moray Firth from Portgordon in Moray to Noss Head in Caithness.

A trench backfill trial will take place from mid August for a period up to 30 days in the vicinity of 58°19.467’N 002°41.547’W

Depending upon prevailing weather conditions at the time, route A or B will be selected for the trials. During the period of the trials there will be a working area 1km wide and 2 km long defined by the coordinates below and we would request other mariners to stay clear.

NW Corner 58°19.779’ N 002°42.629’ W
SW Corner 58°18.868’ N 002°41.949’ W
SE Corner 58°19.156’ N 002°40.010’ W
NE Corner 58°20.067’ N 002°41.677’ W

The Vessel used during the backfill is Siem Sapphire

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 theShefa-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

Kingfisher Awareness Flyer: SHEFA Exposed Sections (December 2013)

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

Cable Repairs – PEC Subsea Cable

These cable repair activities have been delayed – update soon.

ALDA Marine on behalf of Alcatel-Lucent Submarine Networks Ltd. has been contracted to undertake an emergency repair to the PEC submarine fibre optic telecommunications cable in UK territorial waters.

The C/S Ile d’Aix is scheduled to arrive on site on the 11th July at 01:00UTC to commence works. The estimated location is 51°21.381N, 001°33.683E, and the duration of the cable repair will be approximately 7 days depending upon weather or other operational conditions.

For further information: Darren Griffiths, Alca Marine S.A.S, Tel +33 1 70 38 61 83, Mob +33 6 26 91 43 78

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

### Survey – Viking Link Cable Route

Geophysical, geotechnical, environmental and ROV survey between the United Kingdom and Denmark

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area 1</th>
<th>Area 2</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fugro MV Meridian ZDJC9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°05.460'N 004°49.127'E</td>
<td>53°27.504'N 000°24.830'E</td>
<td>22/08/16 – 30/08/16</td>
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<tr>
<td></td>
<td>55°09.061'N 004°52.809'E</td>
<td>53°27.278'N 000°24.979'E</td>
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<tr>
<td></td>
<td>55°09.504'N 004°54.372'E</td>
<td>53°26.635'N 000°22.030'E</td>
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<tr>
<td></td>
<td>55°09.829'N 004°56.466'E</td>
<td>53°26.353'N 000°21.568'E</td>
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<tr>
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<td>55°10.009'N 004°58.434'E</td>
<td>53°25.871'N 000°21.540'E</td>
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<td>55°10.354'N 004°59.875'E</td>
<td>53°22.572'N 000°23.509'E</td>
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<tr>
<td></td>
<td>55°12.513'N 005°03.622'E</td>
<td>53°22.637'N 000°23.040'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°15.612'N 005°07.430'E</td>
<td>53°25.809'N 000°21.189'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°15.472'N 005°07.778'E</td>
<td>53°26.843'N 000°21.808'E</td>
<td></td>
</tr>
</tbody>
</table>

**For further information, please contact:** Amy Bergman, Fugro, Tel: +44 1491 820 807 email: a.bergman@fugro.com

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Produced by The Kingfisher Information Service of Seafish, in conjunction with Subsea Cables UK and the Crown Estate.
Any queries please contact Kingfisher Information Services, Sea Fish Industry Authority, Humber Seafood Institute, Origin Way, Europarc, Grimsby, DN37 9TZ
email: kingfisher@seafish.co.uk website: www.kingfishercharts.org tel: +44 (0)1472 252307 fax: +44 (0)1472 268792
Notice to Fishermen

Cable Installation – Wave Hub (Southwest Approaches)

Please be advised that James Fisher Marine Services have now completed the subsea cable installation works as previously notified (see below) at the Wave Hub offshore site and both vessels (Aker Wayfarer and MTS Xplorer) are now clear of the site.

The offshore works included installation of:
- 3km, 2km, 700m and 300m cable extensions laid from the Wave Hub Safety Zone out to each Developer Berth
- Associated cable connectors, bend restrictors and abrasion protection
- Cable support and stabilisation measures (410 rock filter units)

All equipment has now been installed and the electrical system is now live. As-laid details from the final survey will be disseminated upon receipt so that charts may be updated.

Safety Notes:
1) There are now HV subsea power cables laid across the Wave Hub offshore site to the four developer berths (not just within the Wave Hub Safety Zone)
2) These cables are kept live at 33,000V
3) The cables are stabilised against current and wave action and supported where free-spans occur but are not otherwise protected from anchors or fishing gear

Due to these new safety hazards, mariners are reminded to exercise caution when navigating in the vicinity and are advised not to anchor or fish within the Wave Hub offshore site (as defined by the four special marks and charted as ‘Renewable Energy Development Area’).

For further information: Julius Besterman, Wave Hub, Tel: 01736 800291, Mobile: 07825 943738

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
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)14781 241977, Email: Heidi.LeNoury@electricity.gg

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 sea bed, 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 04°46.785W (minimal coverage)
Extreme caution should be exercised if working between: 49°35.657N 004°47.079W and 49°35.519N 004°46.553W

Section 3 – Repeater installation at 49°36.675N 03°35.045W (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
Mariners are advised that the cable laying vessels Giulio Verne and Go Pegasus are continuing with installation and survey work in the Irish Sea along the Western HVDC Link cable route. This update provides a brief summary of the detail included in the latest Notice to Mariners, which can be downloaded here.

**Deep Water Cable Installation Update**

Completion of Campaign 1: The 28km of cable that has been in wet storage to the south of the Isle of Man since December 2015 has now been recovered, joined to the existing cable, and then laid and buried on the seabed. This work now completes Campaign 1 of the Western HVDC link cable.

Survey work, Campaign 3: The cable lay vessel Giulio Verne is now due to support the post lay survey of Campaign 3 (completed earlier this month). Survey work along this part of the cable will be carried out by the vessel Go Pegasus. This survey is due to be completed by the end of August 2016.

Upcoming work: Starting in the second half of September 2016, the vessels Giulio Verne and Go Pegasus are due to be carrying out Campaign 6 of the cable installation, which will run parallel to the recently completed Campaign 3. This work will start between the Isle of Man and Northern Ireland and will terminate in the mouth of the Clyde. A separate Notice to Mariners will be issued for this work to provide specific details. The notice to mariners describing this work can be downloaded here.

**Vessel details**

Details of the vessels involved in these operations, along with their present location can be found on MarineTraffic.com via the links below:- Giulio Verne: Cable layer | Call sign: IOPU Go Pegasus: Tug / supply vessel | Call sign: V7CE4

Vessels will be monitoring VHF Channel 16 throughout the operation.

The vessels involved in this work will be restricted in their ability to manoeuvre and other vessels are reminded to navigate with caution in their vicinity and pay strict attention to instructions issued to them by navigation authorities.

**Exposed cable locations**

There are several sections of exposed cable along the cable route including the planned cable crossing locations previously communicated through notice to mariners. 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 has been compiled and can be downloaded here.

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 these exposed sections are shown in Table 1 of the Notice to Mariners which can be downloaded here.

**Guard vessels**

Guard vessels will be stationed as appropriate along the cable route during installation and burial to ensure the safety of marine users. There are presently 4 guard vessels on station along the cable route. The areas being covered by each guard vessel are specified in a notice to mariners that can be downloaded here.

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

- Deep Water Cable Installation, Irish Sea - this is the notice described above. It was issued on 20th August 2016 and confirms that the cable to the south of the Isle of Man has been recovered and buried, and provides an update on upcoming survey and cable installation of the cable to the south of the Isle of Man. The notice can be downloaded here.
- Exposed cable locations, Irish Sea - this is the notice described above. It was issued in August 2016 and provides an update on the locations of exposed cable areas which are awaiting protection. The notice can be downloaded here.
- Wet storage of cable - this notice advises of the surface laying of a 28km stretch of cable in temporary "wet storage" along part of the Western HVDC Link cable route. The notice can be downloaded here.
- Concrete mattressing - along the cable route concrete mattresses have been laid at crossings of existing cables and pipelines. A notice to mariners about the mattressing campaign conducted earlier this year can be downloaded here.

For further information: Jim Andrews, Fisheries Liaison Officer, Tel: +44(0)7908225865 email: jim@awjmarine.co.uk
Moyle Returns Cable Project – Rock Protection

This is a further update on rock protection work on the Moyle Returns Cables in the North Channel of the Irish Sea.

Progress of inshore survey & cable protection works
The inshore cable protection and survey works being carried out by the vessels **Coastworker** and **Coastrunner** detailed in the earlier Notice to Mariners have now been completed.

Intertidal and shallow subtidal cable protection works
Cable protection works are being completed at the Northern Irish landfall of the cable in the intertidal zone and in waters to a depth of 1.5m by an excavator. This work will be carried out between the 6th and 9th July 2016. It will not involve any vessels. A Notice to Mariners describing this work can be downloaded here.

North Channel & NI waters: survey of marine assets
A survey of marine assets operated by Mutual Energy is due to be conducted over the next 3 weeks by the vessels **Noordhoek Pathfinder** (offshore works) and **SV Volans** (nearshore works). A Notice to Mariners describing this survey work can be downloaded here.

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

Exposed 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 it’s gear due to the proximity of the Hibernia Segment C subsea cable

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

For further information: Steven Bennett, Global Marine Systems Ltd, Tel: +44 1245 702113 email: Steven.Bennett@globalmarinesystems.com
Notice To Fishermen

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 Wilkie, Hibernia, Email: alasdair.wilkie@hibernianetworks.com, Tel: +44 1704 322 306, Mobile: +44 7850 770 577
Notice To Fishermen

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

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