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** (p.4)
1. Survey

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

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

**Area 5** (p.7-11)
1. Notice to Fishermen

**Area 6** (p.12)
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>Sunken Vessel Majestic</td>
<td>60°45.535'N 001°17.018'W</td>
<td>28 Jan 2016</td>
<td><a href="mailto:nick.strachan@uk.bp.com">nick.strachan@uk.bp.com</a></td>
<td></td>
</tr>
<tr>
<td>Pipeline Span 204/24a Foinaven</td>
<td>60°18.824'N 004°13.793'W</td>
<td>28 Jan 2016</td>
<td><a href="mailto:nick.strachan@uk.bp.com">nick.strachan@uk.bp.com</a></td>
<td></td>
</tr>
<tr>
<td>Possible Debris from Well 15/21b-21</td>
<td>58°12.510'N 000°07.388'E</td>
<td>28 Jan 2016</td>
<td><a href="mailto:kingfisher@seafish.co.uk">kingfisher@seafish.co.uk</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.
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

Kingfisher Awareness Flyer: SHEFA Exposed Sections (December 2013)

For further information: Tel: +298243602, Email: phv@ft.fo, brr@ft.fo
**Survey** – Moray Firth

Geographical Cable route survey

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Coordinates</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMT Franklin – SEIN</td>
<td>57°40.650'N 03°01.890'W</td>
<td>16/03/16 – 10/04/16</td>
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<tr>
<td>Seabeam – 2BGN2</td>
<td>58°11.030'N 02°34.190'W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>58°27.620'N 02°52.170'W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>58°27.790'N 03°02.800'W</td>
<td></td>
</tr>
</tbody>
</table>

For further information, please contact: Kristian Elofsson, MMT Tel: +46 31 761 03 76 email: Kristian.elofsson@shipmanab.se

**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>Coordinates</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fugro Fugro Frontier C6BH4</td>
<td>55°45.854'N 08°10.717'E</td>
<td>11/03/16 – 30/08/16</td>
</tr>
<tr>
<td></td>
<td>55°46.521'N 08°04.058'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°47.684'N 07°48.742'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°48.417'N 07°21.301'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°48.128'N 07°20.420'E</td>
<td></td>
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<tr>
<td></td>
<td>55°47.326'N 07°20.242'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°46.963'N 07°19.304'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°46.063'N 07°03.047'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°45.781'N 07°02.491'E</td>
<td></td>
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<tr>
<td></td>
<td>55°45.295'N 07°02.491'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°45.042'N 07°01.893'E</td>
<td></td>
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<tr>
<td></td>
<td>55°43.215'N 06°48.102'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°42.043'N 06°47.620'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°42.485'N 06°47.587'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°42.200'N 06°47.140'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°40.447'N 06°34.423'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°40.252'N 06°33.010'E</td>
<td></td>
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<tr>
<td></td>
<td>55°37.257'N 06°11.894'E</td>
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<td></td>
<td>55°37.080'N 06°10.004'E</td>
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<tr>
<td></td>
<td>55°36.021'N 06°02.338'E</td>
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<td></td>
<td>55°35.721'N 06°00.651'E</td>
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<tr>
<td></td>
<td>55°34.648'N 05°55.430'E</td>
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<td></td>
<td>55°34.002'N 05°53.795'E</td>
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<td>55°32.128'N 05°43.682'E</td>
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<tr>
<td></td>
<td>55°15.542'N 05°07.604'E</td>
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<tr>
<td></td>
<td>55°12.435'N 05°03.786'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°10.251'N 04°59.996'E</td>
<td></td>
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<tr>
<td></td>
<td>55°09.891'N 04°58.492'E</td>
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<tr>
<td></td>
<td>55°09.711'N 04°56.511'E</td>
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<tr>
<td></td>
<td>55°09.390'N 04°54.447'E</td>
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<tr>
<td></td>
<td>55°08.968'N 04°52.950'E</td>
<td></td>
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<tr>
<td></td>
<td>55°05.399'N 04°49.310'E</td>
<td></td>
</tr>
<tr>
<td></td>
<td>55°02.823'N 04°43.353'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
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.

Kingfisher Flyer: Concerto 1 North Cable

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

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
**Notice to Fishermen**

**Cable Survey – FAB Subsea Cable (English Channel)**

Survey activities for the proposed interlink power cable between France, Alderney and Britain are underway. The cable is due to be installed in 2018, however, marine survey operations in the nearshore areas in France, Alderney and Britain are scheduled to commence on or around 7th January 2016 for up to 4 weeks duration.

Survey vessels MPR3 operated by survey company MMT will undertake geotechnical surveys in the nearshore areas of the proposed cable route for the planned FAB link interconnector power cable.

A map link of the proposed route may be seen in the top right of this notice.

For further information: Chris Jenner, Transmission Investment, Mobile: 07494 459693

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**Notice to Fishermen**

**Exposed Cable Sections – Apollo South Cable (Southwest 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@networkmarinefsnet.co.uk

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**Notice To Fishermen**

**Exposed Cable Section – FLAG Atlantic Subsea Cable**

Please be advised that there is a section of the FLAG Atlantic Subsea cable that is unburied. This area represents a hazard to fishing and skippers should exercise caution whilst fishing in the vicinity. The coordinates below highlight the exposed area and the cable splices.

1. 48°49.047'N 002°35.545'W Start of exposed section
2. 48°49.333'N 002°35.417'W Splice
3. 48°47.988'N 002°35.137'W Splice
4. 48°47.725'N 002°35.088'W Splice
5. 48°47.567'N 002°34.976'W Splice
6. 48°46.878'N 002°35.083'W Splice
7. 48°46.702'N 002°35.077'W Splice
8. 48°46.564'N 002°35.187'W Splice
9. 48°45.380'N 002°35.083'W End of exposed section

For further information: Marine Managers - Email: sssian@relianceglobalcom.com, Tel: +44 7768508940 or Email: kbiddulph@relianceglobalcom.com, Tel: +44 7747474819
Exposed Cable Sections – CIEG Guernsey (Jersey 90kv Subsea Power)

Please be advised that due to recent 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.

A map of the cable repairs can be seen by clicking on the ‘Map Link’ in the top right corner

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

Following a recent 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°39.163’N 004°59.495’W and 49°38.310’N 004°56.427’W

Section 2 – Repeater installation at 49°35.576’N 4°46.785’W (minimal coverage)
Extreme caution should be exercised if working between: 49°35.657’N 004°47.079’W and 49°35.519’N 004°46.553’W

Section 3 – Repeater installation at 49°36.675’N 3°35.045’W (reasonable coverage)
Caution should be exercised if working between: 49°36.781’N 003°35.332’W and 49°36.675’N 003°34.752’W

A map of the cable repairs/installations can be seen by clicking on the ‘Map Link’ in the top right corner

For further information: Jon Ford at Vodafone, Tel: +44 7776 165571 email: jon.ford@vodafone.com
Notice to Fishermen

Cable Repair – ESAT2 Irish Sea

Global Marine Systems Ltd has been contracted to undertake an emergency repair to the ESAT2 submarine fibre optic telecommunications cable in the Irish Sea within Irish TW.

53° 21.133'N 006° 01.523'W

The CS Wave Sentinel is scheduled to arrive on site AM Monday 22nd February 2016 to commence works. The weather is currently being monitored and this timing could change depending on local conditions. The estimated location is shown on the attached overview, and the duration of the cable repair will be approximately 5 days depending upon weather.

The vessel will be limited in manoeuvrability and other vessels should maintain a distance of at least 1NM from the cable ship during operations, and 1/4NM from any cable buoys in place during the course of the repairs for safety.

For further information: John Wrottesley, Global Marine Systems Ltd, Tel: +44 (0)1245 72009  email: John.Wrottesley@globalmarinesystems.com

Notice To Fishermen

Western HVDC Link Power Cable – Installation, Exposed Cable & Survey

Mariners are advised that work on the installation of the second deep water cable of the Western HVDC Link in the Irish Sea is due to start at the end of February 2016. Installation campaign will take place over a distance of about 120km, starting to the west of the Isle of Man and finishing in the southern part of the Firth of Clyde.

A Notice to Mariners providing information about the campaign including the location of this campaign, the vessels involved, route coordinates and safety advice can be downloaded here

Cable Installation Campaign 2: Programme

This cable laying Campaign will involve a pre-lay survey of the cable route, a pre-lay grapnel run, then the laying of the cable, and finally a post-lay survey. All of this work will be carried out by the vessels Go Pegasus IBPU and Giulio Verne V7CE4. The work will be carried out between the following locations:-

- Start: 54° 21.352'N 005° 14.279'W  Finish: 55° 15.907'N 005° 12.012'W

Pre-Lay Survey and Pre-Lay Grapnel Run

In advance of the cable lay and burial operations, the vessel Go Pegasus will carry out a survey along the route using a Remotely Operated underwater Vehicle (ROV). This will include a survey of the pre-lay mattresses that were installed at cable and pipeline crossings along the route during 2015. Sonar markers will be installed at these crossings to ensure that the cable is layed across these mattresses. After surveying the route, Go Pegasus will carry out a Pre Lay Grapnel Run (PLGR). This operation will ensure that the cable route is clear from any obstructions that could hamper cable burial.

Cable laying and burial

Cable laying and burial work will be carried out by the cable laying vessel Giulio Verne, accompanied by the vessel Go Pegasus. During cable laying operations, the Go Pegasus will follow the Giulio Verne at a distance of approximately 500m, and will tow a cable burial plough, providing for simultaneous burial.

The cable will not be buried where it crosses existing cables or pipelines, and also at locations where the seabed character has prevents cable burial. At crossing locations and other areas where the cable is exposed, guard vessels shall monitor the cable until appropriate post-lay protection can be carried out. The cable crossings and locations of exposed cable are all specified in the latest Notice to Mariners (available here).
For ‘live’ Kingfisher updates of offshore activities, visit www.kis-orca.eu and follow @KingfisherInfo on Twitter

Vessels are requested to pass at a safe speed and distance from these locations and fishing vessels are advised to remain a safe distance (approximately 1.5 nautical miles) from the areas identified to ensure the safety of the vessel and its crew.

The Notices to Mariners currently issued for this project are:-

- **Deep Water Cable Installation (Campaign 2)** - this is the activity described above. Cable installation campaign 2 is due to be carried out between February and March 2016. The notice can be downloaded [here](#).
- **Route clearance, Out of Service Cables** - this notice advises of work being carried out at 7 locations along the cable route to remove out of service cables that would prevent the burial of the Western HVDC Link cable. 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](#).
- **Deep Water Cable Installation (Campaign 1)** - this is being carried out by the vessel Giulio Verne, starting in July 2015. The most up to date Notice to Mariners 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

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**Notice to Fishermen**

**Cable Repair – Emerald Bridge Irish Sea**

Global Marine Systems Ltd has been contracted to undertake an emergency repair to the Emerald Bridge submarine fibre optic telecommunications cable in the Irish Sea within UK TW at the following position:

53° 15.078'N 004° 50.830'W

The CS Wave Sentinel has been able to complete the repair and is on passage back to Portland to await a suitable weather window to complete the operation.

The vessel will be limited in manouevrability and other vessels should maintain a distance of at least 1NM from the cable ship during operations, and 1/4NM from any cable buoys in place during the course of the repairs for safety

For further information: John Wrottesley, Global Marine Systems Ltd, Tel: +44 (0)1245 72009 email: John.Wrottesley@globalmarinesystems.com
Moyle Returns Cable Project – Rock Protection

The vessel Rockpiper completed rock protection work on the southern Moyle returns cable on the 14th December 2015. Maps that show the locations where rock has been placed on both the North and South cable routes, along with a spreadsheet for each cable that shows the latitude and longitude of the locations where rock has been placed, along with the actual tonnage of rock that has been placed at each location can be downloaded below.

North cable: Maps 1 - 2 - 3 - 4 - 5; Spreadsheet.  South cable: Maps 1 - 2 - 3 - 4 - 5; Spreadsheet.

Further cable protection work is scheduled for shallow water sections of the cable during early summer 2016. Divers are due to carry out trenching works in waters shallower than 5m deep at both the Scottish and Northern Irish ends of the south cable. A small barge will be used to carry out rock placement works in waters between 5-12m deep.

The cable has been protected in these shallow waters with uraduct and iron casings as a precaution prior to the completion of inshore protection works.

Guard vessels have been stationed during cable installation and burial to ensure the safety of marine users. These guard vessels have now been stood down from the project.

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

Published: 19 December 2013 | Latest Update: 13 June 2014

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 three 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