The shaded blocks below indicate the areas of activity published within this Bulletin.

This Bulletin, along with previous issues, can be viewed at: www.kingfishercharts.org
Alternatively you can receive the Bulletin via email, by contacting: kingfisher@seafish.co.uk

* Unless otherwise stated, all co-ordinates listed in this Bulletin refer to WGS 84 datum
Scottish Highlands and Islands – Telephonic Cable Linking

Please be advised that Scottish Highlands and Islands by BT to perform the installation of 20 segments of telephonic cable linking the Scottish Islands through 40 beach landings. The project is planned to carry out all operations between 4th June 2014 to 20th November 2014.

<table>
<thead>
<tr>
<th>City / Beach</th>
<th>Island</th>
<th>Position</th>
<th>Segment</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bay of Turquoy</td>
<td>Westray</td>
<td>59°17.405’N 002°57.373’W</td>
<td>S1.19</td>
<td>30/06/2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>04/07/2014</td>
</tr>
<tr>
<td>Aikerness</td>
<td>Orkney Island</td>
<td>59°07.212’N 003°06.014’W</td>
<td>S1.19</td>
<td>07/06/2014</td>
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<tr>
<td>Bay of Tuquoy</td>
<td>Westray</td>
<td>59°17.405’N 002°57.373’W</td>
<td>S1.19</td>
<td>07/06/2014</td>
</tr>
</tbody>
</table>

For further information, please contact: Marc Ponselles, Orange Marine, Tel: +33 6 80 17 35 07  email: marc.ponselle@orange.com

Exposed Cable Sections – SHEFA – 2 Segment 9

The Shefa-2 Segment, running between Manse bay, Orkney and Banff, Scotland has suffered from 3 cable breaks in 2013 all caused by fishing activity.

We urgently have to stress that further areas/sections of the SHEFA – 2 Segments 7,8,9 are unburied and therefore exposed.

Exposed Cable Sections – SHEFA – 2 Segment 7,8 & 9

Please be advised that there are sections of the SHEFA-2 cable that have been surface laid or remain unburied. These areas represent a hazard to fishing and should be avoided at all times. SHEFA have commissioned an updated Kingfisher Awareness Chart to highlight these areas, which can be downloaded using the link below.

For a copy of the Kingfisher Awareness Flyer, showing the exposed sections of SHEFA, 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, please contact: Tel: +298243602, Email: phv@ft.fo, brr@ft.fo
Hazardous Condition of Cable – Ulysses South Landing – St Margaret’s Bay

Further to earlier Notices, the Ulysses South submarine cable landing at St Margaret’s Bay, near Dover, remains broken at a 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.

Exposed Cable Sections – BritNed Subsea Power Cable

Please be advised that following a recent depth of burial survey, the following sections of the BritNed HVDC Interconnector have been identified as cable exposures:

<table>
<thead>
<tr>
<th>No.</th>
<th>From KP</th>
<th>To KP</th>
<th>Length (meters)</th>
<th>Coordinates (centre points)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>166.904</td>
<td>166.899</td>
<td>5</td>
<td>51 49.9192’ N 002 52.9871’ E</td>
</tr>
<tr>
<td>2</td>
<td>163.723</td>
<td>163.718</td>
<td>5</td>
<td>51 50.0508’ N 002 50.2647’ E</td>
</tr>
<tr>
<td>3</td>
<td>163.712</td>
<td>163.698</td>
<td>14</td>
<td>51 50.0508’ N 002 50.2647’ E</td>
</tr>
<tr>
<td>4</td>
<td>157.897</td>
<td>157.891</td>
<td>6</td>
<td>51 49.6704’ N 002 45.2361’ E</td>
</tr>
<tr>
<td>5</td>
<td>131.431</td>
<td>131.422</td>
<td>9</td>
<td>51 51.3849’ N 002 24.4973’ E</td>
</tr>
<tr>
<td>6</td>
<td>132.594</td>
<td>132.589</td>
<td>5</td>
<td>51 51.6382’ N 002 25.4193’ E</td>
</tr>
<tr>
<td>7</td>
<td>91.738</td>
<td>91.735</td>
<td>7</td>
<td>51 40.8860’ N 001 54.5844’ E</td>
</tr>
<tr>
<td>8</td>
<td>90.316</td>
<td>90.313</td>
<td>3</td>
<td>51 40.7143’ N 001 53.9298’ E</td>
</tr>
<tr>
<td>9</td>
<td>90.408</td>
<td>90.397</td>
<td>11</td>
<td>51 40.5892’ N 001 53.5320’ E</td>
</tr>
<tr>
<td>10</td>
<td>73.589</td>
<td>73.585</td>
<td>14</td>
<td>51 35.4587’ N 001 41.6645’ E</td>
</tr>
<tr>
<td>11</td>
<td>90.408</td>
<td>90.397</td>
<td>11</td>
<td>51 40.5892’ N 001 53.5320’ E</td>
</tr>
<tr>
<td>12</td>
<td>53.161</td>
<td>52.207</td>
<td>46</td>
<td>51 29.0379’ N 001 27.8640’ E</td>
</tr>
</tbody>
</table>

The Kingfisher Awareness Flyer for BritNed is available for download from the link below, or from www.kingfishercharts.org. A new chart highlighting the exposed sections will be produced shortly.

For further information, please contact: BritNed Control Room, Tel: +44 (0)1634 273080 or +44 (0)800 0481569
Fishing Hazard – Vulnerable Subsea Cable, Concerto North

Please be advised that, following two repairs in the same location, an area of vulnerable cable on the Concerto North cable has been identified. Although the repair has been buried the seabed is known to be soft and mobile.

Please exercise extreme caution whilst fishing in this area.

For further information, please contact: Neil Donovan at Interoute Communications  email: neil.donovan@interoute.com
Cable Repair – Jersey to Guernsey

Please note that that the HVAC cable between Guernsey & Jersey has recently been repaired. 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 below.

This cable is lying exposed on the sea bed and is at risk of being damaged or causing damage to vessels conducting under water operations such as trawling. Please exercise caution in this area.

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, which also pose a hazard to fishing.

For further information, please contact: Heidi Le Noury, Channel Island Electricity Grid, Tel: 44(0)14781 241977, E-Mail: Heidi.LeNoury@electricity.gg

Exposed Area:
1. 48°49.407’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
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. **Please exercise extreme caution whilst fishing in this area.**

An incident of a fishing vessel snagging his gear on a subsea cable (Hibernia Atlantic) approximately ten nautical miles off the Northern Ireland coast.

The position given by the fishing vessel 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.

An awareness chart of the area is available from: Steven Bennett, Global Marine, email: Steve.bennett@globalmarinesystems.com

For further information, please contact: Alasdair Wilkie, Hibernia Networks, Email: alasdair.wilkie@hibernianetworks.com, Tel: +44 1704 322 306, Mobile: +44 7850 770 577

Displaced Mattressing – Isle of Man – UK Interconnector Cable

The IOM-UK Interconnector cable runs between Douglas, Isle of Man and Bispham in Blackpool and includes small sections where the interconnector cable is protected by mattresses, three of these sections are as follows:

Mattressing co-ordinates:

Route Position: 14.3km  
54° 07.68’ N  4° 15.36’ W  to  54° 07.62’ N  4° 15.18’ W

Route Position: 57.3km  
53° 57.24’ N  3° 40.80’ W  to  53° 57.12’ N  3° 40.50’ W

Route Position: 71.2km  
53° 53.34’ N  3° 30.00’ W  to  53° 53.22’ N  3° 29.82’ W

Following a recent survey of the above locations it has been identified that a section of mattressing protecting the IOM-UK Interconnector cable, route position 57.3km from the Isle of Man, has been displaced. All fishing vessels are advised to keep clear of the area below:

Route Position: 57.3km  
53° 57.24’ N  3° 40.80’ W  to  53° 57.12’ N  3° 40.50’ W

Your further co-operation will be greatly appreciated if vessels undertaking ground fishing activities could exercise caution when operating in the vicinity of the mattressed areas identified above. [http://www.kis-orca.eu/media/63875/Manx_Cable_IoM_Interconnector_December2013.pdf](http://www.kis-orca.eu/media/63875/Manx_Cable_IoM_Interconnector_December2013.pdf)

For further information, please contact: Stephen McGhee, Manx Electricity Authority, Tel: 07624 498792, email: steve.mcghee@mea.gov.im
Western HVDC Link Power Cable – Shallow Water Cable Installation

Work on the installation of the Western HVDC Link undersea cable is due to start on the 5th May 2014.

The cable laying vessel Atalanti will install and bury the shallow water section of the Western HVDC Cable from the Wirral shore end for about 36km. The tug Artemis will assist this operation. Prior to laying the cable the Artemis will carry out a Pre-Lay Grapnel Run, and the Atalanti will perform an ROV pre-lay survey along the route. When the survey is complete, Atalanti will move towards the Wirral landing point where it will be grounded. Cable landing operations will then be conducted with the assistance of support barge Wilcarry 501. Once landing operations are complete, the cable barge Atalanti will start cable lay and burial operations using a towed hydro plough. During cable laying and survey operations the vessels working on the project will have restricted ability to manoeuvre and other vessels are requested to pass at a safe speed and distance.

The call sign for the vessels and a link to their current location (from MarineTraffic.com) is given below:-

- Atalanti: cable layer | Call sign 5BYY2
- Artemis: anchor handling vessel | Call sign 5BVJ3

The vessels will monitor VHF Channel 16 at all times.
The Western Link will be an undersea cable linking Ardneil in the Clyde with the Wirral in north-west England.

Cable laying schedule

Installation of the Western Link cable is due to start in the shallow waters at the southern end of the route in April 2014. The main cable installation campaigns are due to start in August 2014. The outline schedule is:-

- Inshore section (up to 37km from Wirral): May - June 2014
- Southern Sections (37-153km from Wirral): August 2014 - January 2015
- Northern Sections (from Ardneil to 120km): April - August 2015
- Middle Sections (linking the Northern & Southern sections): October 2015 - February 2016.

Further information please download the links below:

http://www.awjmarine.co.uk/fishery-liaison/western-high-voltage-dc-cable/

For further information, please contact: Jim Andrews, Fisheries Liaison Officer, Tel: +44(0)7908225865  email: jim@awjmarine.co.uk
Shallow Burial of Submarine Cable Section – Hibernia ‘D’

Following a recent repair to the Hibernia ‘D’ cable, there was difficulty in reburying the cable due to the required depth of 1 metre. Please note the section below which could only be buried to a depth of 30cm, this section also contains the repaired splice. Please exercise caution in this area.

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

Exposed Submarine Cable Section – Hibernia ‘D’

Please note that the Hibernia ‘D’ cable has been surveyed and has an exposed section. This is indicated in the map below.

The exposed section runs from:
52° 59.433’ N  05° 39.540’ W  to  
52° 45.118’ N  05° 41.797’ W

For full details of the exposed cable route, please refer to Kingfisher Fortnightly Bulletin Issue 24 / 2006.
Scottish Highlands and Islands – Telephonic Cable Linking

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<tr>
<th>City / Beach</th>
<th>Island</th>
<th>Position</th>
<th>Segment</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Branahuie Bay</td>
<td>Stornoway</td>
<td>58°12.297'N 006°18.661'W</td>
<td>S1.13W</td>
<td>06/06/2014</td>
</tr>
<tr>
<td>Ardmair</td>
<td>Ullapool</td>
<td>57°56.032'N 005°11.797'W</td>
<td>S1.13</td>
<td>06/06/2014</td>
</tr>
<tr>
<td>Lochmaddy</td>
<td>North Uist</td>
<td>57°35.851'N 007°09.470'W</td>
<td>S1.14S</td>
<td>13/06/2014</td>
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<tr>
<td>Dunvegan</td>
<td>Skye</td>
<td>57°26.158'N 006°34.848'W</td>
<td>S1.15E</td>
<td>19/06/2014</td>
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<tr>
<td>Sandwich</td>
<td>South Uist</td>
<td>57°23.867'N 007°19.706'W</td>
<td>S1.15W</td>
<td>22/06/2014</td>
</tr>
<tr>
<td>Calgary</td>
<td>Mull</td>
<td>56°34.818'N 006°16.814'W</td>
<td>S1.17E</td>
<td>26/06/2014</td>
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<td>Craighouse</td>
<td>Jura</td>
<td>55°50.299'N 005°56.999'W</td>
<td>S1.9W</td>
<td>30/06/2014</td>
</tr>
<tr>
<td>Ardmair</td>
<td>Ullapool</td>
<td>57°56.032'N 005°11.797'W</td>
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<td>S1.15E</td>
<td>07/06/2014</td>
</tr>
<tr>
<td>Leverburgh</td>
<td>Harris</td>
<td>57°45.217'N 007°00.182'W</td>
<td>S1.13</td>
<td>20/06/2014</td>
</tr>
<tr>
<td>Lochmaddy</td>
<td>North Uist</td>
<td>57°35.851'N 007°09.470'W</td>
<td>S1.14E</td>
<td>20/06/2014</td>
</tr>
</tbody>
</table>

For further information, please contact: Marc Ponselles, Orange Marine, Tel: +33 6 80 17 35 07  email: marc.ponselle@orange.com
Cable Repairs – TAT 14 (Segment K)

During the last two 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, please contact: Barry Peck, Sealine Marine Services, Email: bepeck@sealine.org.uk