10 April 2014 | Issue 08

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
Exposed Cable Sections – SHEFA – 2 Segment 9

The Shefa-2 Segment 9 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
Exposed Cable Sections – Disused Telegraph Cable

Following a recent bottom survey, an old disused telegraph cable has been found to be positioned to the South / South West of its charted position. The survey has shown the Newbiggin to Marstrand No.1 (UK - Sweden) cable, which runs to the south of the proposed Kookaburra wellhead, has exposed elements. Please exercise caution between the two points below, which mark the end points of the cable.

SW End: 56°29.064’N  00°51.207’E   NE End: 56°31.209’N  00°55.692’E

For further information, please contact: Kingfisher, using the details in the footer.
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.

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

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° 49.5192’N 002° 52.9071’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° 45.2987’E</td>
</tr>
<tr>
<td>5</td>
<td>131.431</td>
<td>131.422</td>
<td>9</td>
<td>51° 51.3849’N 002° 23.4972’E</td>
</tr>
<tr>
<td>6</td>
<td>132.594</td>
<td>132.589</td>
<td>5</td>
<td>51° 51.3849’N 002° 25.4193’E</td>
</tr>
<tr>
<td>7</td>
<td>91.738</td>
<td>91.73</td>
<td>7</td>
<td>51° 40.8660’N 001° 54.5644’E</td>
</tr>
<tr>
<td>8</td>
<td>90.916</td>
<td>90.913</td>
<td>3</td>
<td>51° 40.7483’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>73.599</td>
<td>73.585</td>
<td>14</td>
<td>51° 35.4597’N 001° 41.6457’E</td>
</tr>
<tr>
<td>11</td>
<td>52.883</td>
<td>52.806</td>
<td>77</td>
<td>51° 29.0055’N 001° 27.5754’E</td>
</tr>
<tr>
<td>12</td>
<td>53.161</td>
<td>53.207</td>
<td>46</td>
<td>51° 29.0079’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.

For further information, please contact: Heidi Le Noury, Channel Island Electricity Grid, Tel: 44(0)1478 1241977, E-Mail: Heidi.LeNoury@electricity.gg

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: Marine Managers - Email: ssian@relianceglobalcom.com, Tel: +44 7768508940 or Email: kbiddulph@relianceglobalcom.com, Tel: +44 7747474819
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
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:

<table>
<thead>
<tr>
<th>Route Position</th>
<th>14.3km</th>
<th>54° 07.68' N 4° 15.36' W to 54° 07.62' N 4° 15.18' W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Route Position</td>
<td>57.3km</td>
<td>53° 57.24' N 3° 40.80' W to 53° 57.12' N 3° 40.50' W</td>
</tr>
<tr>
<td>Route Position</td>
<td>71.2km</td>
<td>53° 53.34' N 3° 30.00' W to 53° 53.22' N 3° 29.82' W</td>
</tr>
</tbody>
</table>

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
Survey – Islay and Jura

Please be advised that Osiris Projects will be carrying out marine survey operations along several cable routes on the behalf of Global Marine Systems Limited, as part of a wider project. The surveys will extend from the LW Mark at each landing to a width of 500m.

Survey operations are expected to on the 05/03/2014, and will be in the area until the end of March 2014, subject to weather. Survey works will be undertaken on MV ‘Lia’.

**Location**

Port Askaig to Feolin Ferry  
54° 07.68’ N  4° 15.36’ W to  54° 07.62’ N  4° 15.18’ W

Lagavulin to Glenbar  
53° 57.24’ N  3° 40.80’ W to  53° 57.12’ N  3° 40.50’ W

Craighouse to Ormsary  
53° 53.34’ N  3° 30.00’ W to  53° 53.22’ N  3° 29.82’ W

MV Lia is a 15.0m by 5.8m purpose built aluminium catamaran. The vessel colour is predominantly white, with ‘SURVEY’ lettering in dark blue on both sides of the vessel. Call Sign MERD8The vessel will be towing underwater sensors up to 200m astern of the vessel and will be ‘Restricted in Ability to Manoeuvre’. It is requested that all vessels operating within these areas keep their distance and pass at minimum speed to reduce vessel wash. MV Lia will display appropriate day shapes and lights and will actively transmit an AIS signal.

**For further information, please contact:** Osiris Projects, Tel: 0151 328 email: operations@osirisprojects.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.

**Shallow Buried Section**

1. 51°18.893’N  007°50.289’W
2. 51°18.903’N  007°50.229’W
3. 51°18.997’N  007°50.127’W
4. 51°18.998’N  007°50.120’W
5. 51°18.927’N  007°50.011’W
6. 51°18.951’N  007°49.641’W
7. 51°18.974’N  007°49.336’W

**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.

For further information, please contact: Steven Bennett, Global Marine, Tel: +44 7557 908179 email: Steven.bennett@globalmarinesystems.com
Coll to Tiree – 33kV Cable Installation

Mariners are advised that Briggs Marine Contractors Limited will be undertaking submarine power cable installation works between the islands of Coll and Tiree.

The works will be carried out in Gonna Sound Between 56°34.15´N 06°41.87´W and 56°32.64´N 06°44.56´W.

Marine operations will be running from Friday 28th March to Friday 11th April 2014.

Operations will be carried out from the vessels Forth Guardsman, Forth Jouster, Forth Sentinel and Celtic Explorer. Forth Guardsman will perform cable installation operations using a combination of spud legs near shore and a 4 point mooring pattern offshore. Forth Guardsman will be supported by Forth Jouster as Anchor Handling Tug and Forth Sentinel and Celtic Explorer as Dive Support Vessels. During cable laying operations, Forth Guardsman will be restricted in the ability to manoeuvre. It is requested that all vessels operating within this area maintain a safe distance and pass at minimum speed.

Operations will be carried out during the hours of daylight, during which the vessels will display the appropriate day shapes/signals and at times of reduced visibility the appropriate lights as required by the IRPCS. The vessels will also actively transmit an AIS signal. A continuous listening watch will be maintained on VHF Channel 16 and DSC.

For further information, please contact: Andrew Kinninmonth, Briggs Marine, Tel: 07889 751766 email: akinninmonth@briggsmarine.co.uk

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