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 two cable breaks in the past three months both caused by fishing activity.

We urgently have to stress out that further areas/sections are unburied and therefore exposed.

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 (June 2011)

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

Exposed Cable Sections – SHEFA – 2 Segments 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 a 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 (June 2011)

For further information, please contact: Tel: +298243602, Email: phv@ft.fo, brr@ft.fo
**England to France Interconnector – Marine Survey**

National Grid International / Réseau de Transport d’Electricite (NGIL/Rte) has contracted Fugro to carry out Hydrographic, Geophysical, Geotechnical and Environmental Surveys for the proposed IFA2 (England – France Interconnector) power cable – a route between the Lee-on-the-Solent area in Southern England, across the English Channel to a landfall close to the eastern side of the river Orne estuary on the northern coast of France. (An approximate route between 49° 17’ 09.1680” N, 00° 11’ 01.0320” W and 50° 48’ 24.8400” N, 01° 12’ 36.3600” W).

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area Covered</th>
<th>Start Timeframe &amp; Duration</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fugro M/V Atlantic Surveyor A8AE9</td>
<td>1. 49°18.370’N 00°10.560’W 2. 49°25.390’N 00°10.310’W 3. 49°29.040’N 00°13.500’W 4. 49°32.190’N 00°15.260’W 5. 49°33.370’N 00°18.430’W 6. 49°46.520’N 00°25.040’W 7. 50°18.020’N 00°25.430’W 8. 50°33.510’N 00°36.490’W 9. 50°36.340’N 00°41.570’W 10. 50°37.480’N 00°47.190’W</td>
<td>25th July 2013 For 10 Days</td>
<td><img src="image_url" alt="Map" /></td>
</tr>
<tr>
<td>Fugro M/V Fugro Commander HO3057</td>
<td>1. 49°18.370’N 00°10.560’W 2. 49°25.390’N 00°10.310’W 3. 49°29.040’N 00°13.500’W 4. 49°32.190’N 00°15.260’W 5. 49°33.370’N 00°18.430’W 6. 49°46.520’N 00°25.040’W 7. 50°18.020’N 00°25.430’W 8. 50°33.510’N 00°36.490’W 9. 50°36.340’N 00°41.570’W 10. 50°37.480’N 00°47.190’W</td>
<td>05th August 2013 For 10 Days</td>
<td><img src="image_url" alt="Map" /></td>
</tr>
</tbody>
</table>

For further information, please contact: Lee Crane, Fugro, Tel: +44(0)1491 820871 email: L.Crane@fugro.com
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: Tom Manning, Tel: +44 (0)7795 445192, Email: tom.manning@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>166.304</td>
<td>166.304</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° 50.2474’E</td>
</tr>
<tr>
<td>3</td>
<td>163.712</td>
<td>163.698</td>
<td>14</td>
<td>51° 50.0508’ N 002° 50.2474’E</td>
</tr>
<tr>
<td>4</td>
<td>157.897</td>
<td>157.891</td>
<td>6</td>
<td>51° 49.6704’ N 002° 45.2981’E</td>
</tr>
<tr>
<td>5</td>
<td>131.431</td>
<td>131.422</td>
<td>9</td>
<td>51° 51.3849’ N 002° 23.4973’E</td>
</tr>
<tr>
<td>6</td>
<td>132.594</td>
<td>132.589</td>
<td>5</td>
<td>51° 51.6386’ N 002° 25.4193’E</td>
</tr>
<tr>
<td>7</td>
<td>91.738</td>
<td>91.73</td>
<td>7</td>
<td>51° 40.8860’ N 001° 54.3844’E</td>
</tr>
<tr>
<td>8</td>
<td>90.316</td>
<td>90.313</td>
<td>3</td>
<td>51° 40.7143’ N 001° 53.9328’E</td>
</tr>
<tr>
<td>9</td>
<td>90.408</td>
<td>90.397</td>
<td>11</td>
<td>51° 40.5862’ N 001° 53.5320’E</td>
</tr>
<tr>
<td>10</td>
<td>73.197</td>
<td>73.183</td>
<td>14</td>
<td>51° 35.4397’ N 001° 47.6457’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° 29.0379’ N 001° 27.8646’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.

Kingfisher Awareness Flyer: BritNed Subsea Power Cable

For further information, please contact: BritNed Control Room, Tel: +44 (0)1634 273080 or +44 (0)800 0481569
Cable Repair – Jersey to Guernsey

Please note 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 underwater 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 1 241977, E-Mail: Heidi.LeNoury@electricity.gg
Work on the installation of the Wirral end of the Western Link undersea power cable is due to commence in July 2013. On Thursday 18th July 2013 two black plastic pipes, each 600m long and 450mm (18") in diameter will be moored in Liverpool Bay.

The spudded barge Wilcarry 501 will mobilise to the beach off Leasowe for the high tide period 22nd July to 27th July.

On Tuesday 23rd July, one of the pipes will be disconnected from the anchorage and taken to the beach where it will be positioned alongside the spudded barge, prior to being installed beneath the embankment.

The spudded barge Wilcarry 501 will again mobilise to the beach off Leasowe, for the high tide period 20th August to 27th August.

The second pipe will remain at the anchorage until approximately 21st August 2013 (TBC) when it will be disconnected and taken to the beach, where it will be positioned alongside the spudded barge prior to being installed beneath the embankment. Both pipelines will be fitted with radar reflectors and lights at each end as well as at points along its length. An attendant tug / boat (Vixen and / or Jetstar ) will attend the pipe(s) on a daily basis. Both vessels can be communicated with on VHF channels 12 and 16.

Mariners are asked to navigate with extreme caution when in this area.

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

Sirius South – Exposed Cable Section

Please be aware that there is a section of Exposed Cable on the Sirius South, 62km East of Ireland at the following position:

53°33.717’N 05°14.617’W.

Fishermen are also requested to avoid fishing over Sirius North until this incident is resolved, expected 30th July 2013.

For further information, please contact: Peter Jamieson, Principal Engineer - Core Fibre Support, Virgin Media Networks, Tel: 01484 320021 Mob: 07771 506713 email: Peter.Jamieson@virginmedia.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:

Route Position: 14.3km 54° 07.66’ 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 precaution when operating in the vicinity of the mattressed areas identified above.

For further information, please contact: Stephen McGhee, Manx Electricity Authority, Tel: 07624 498792, email: steve.mcghee@mea.gov.im
Vulnerable Cable Section – Hibernia Segment A

Please be advised that an area of vulnerable cable on the Hibernia Atlantic cable has been identified. This area may represent a hazard to fishing and should be avoided at all times. Hibernia have commissioned a Global Marine Awareness Chart to highlight this area which can be obtained from Global Marine.

1. 55° 23.122'N  006° 37.000'W
2. 55° 23.005'N  006° 36.144'W
3. 55° 22.948'N  006° 36.061'W
4. 55° 22.904'N  006° 35.941'W
5. 55° 22.901'N  006° 35.928'W
6. 55° 22.892'N  006° 35.557'W
7. 55° 22.852'N  006° 34.804'W
8. 55° 22.891'N  006° 34.322'W
9. 55° 22.852'N  006° 32.224'W

For further information, please contact: Steven Bennett, Global Marine, Tel: +44(0)1245 702113, email: Steven.bennett@globalmarinesystems.com

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: Tom Manning, Tel: +44 (0)7795 445192, Email: tom.manning@globalmarinesystems.com
Repair to SOLAS Cable – UK to Ireland

The SOLAS cable has been repaired due to a fault at the following position: 51°24.634’N 04°55.272’W. Burial was attempted, though the cable remains at risk of snagging with fishing gear as only shallow burial was achieved.

For further information, please contact: Jon Ford, Vodafone, Waterside House, Longshot Lane, Bracknell, Berkshire, RG12 1XL, Tel: +44 (0)1344 713784, Mob: +44 (0) 7776 165571, Email: Jon.Ford@vodaphone.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: Tom Manning, Tel: +44 (0)7795 445192, Email: tom.manning@globalmarinesystems.com
Cable Repairs – TAT 14 (Segment K)

The French cableship Raymond Croze will be conducting a repair to the TAT 14 segment K cable North West of the Butt of Lewis on the continental shelf edge, centred close to the following position:

60°14.205’N 08°58.292’W

The operation is scheduled to begin on 31st July 2013 and continue for approximately six days depending on operational conditions.

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

Cable Repairs – TAT 14 (Segment K)

During 2012 several repairs were carried out to TAT 14 segment K North of Scotland from the Fair Isle Channel westwards to the Continental Shelf edge. The cable awareness charts and red disks have been updated and may be downloaded from http://www.kis-orca.eu/downloads.

Please note that the following charts have also been updated.

For a copy of the Kingfisher Awareness Flyers for the Sprint 2012 (TAT 14 Segment K) cable, please contact the undersigned. Alternatively, click on the link below, or visit www.kingfishercharts.org

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