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](http://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
Orkney – Caithness Cable Route – Survey Activities (New 17-04-2012)

<table>
<thead>
<tr>
<th>Company, Vessel &amp; Call Sign</th>
<th>Area Covered</th>
<th>Start Timeframe &amp; Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGS (International) Ltd</td>
<td>58° 34.5'N 003° 48.0'W</td>
<td>28th April For 1 Month</td>
</tr>
<tr>
<td>Neptune (LOA 50m) - TFJC</td>
<td>59° 04.5'N 003° 45.0'W</td>
<td></td>
</tr>
<tr>
<td></td>
<td>59° 04.5'N 003° 21.0'W</td>
<td></td>
</tr>
<tr>
<td>Wessex Explorer (LOA 15m) – 2WWE</td>
<td>58° 34.5'N 003° 48.0'W</td>
<td></td>
</tr>
</tbody>
</table>

Survey will include geophysical, geotechnical and environmental sampling works.

For further information, please contact: Simon Waterfield, Tel: +44(0)1420 489 329 email: swaterfield@egssurvey.co.uk

Exposed Cable Sections – SHEFA-2 Segments 8 & 9 (Update 29-06-2011)

Please be advised that the shore end sections of the SHEFA-2 Segment 8 cable have been surface laid for approximately 17 kilometres from the Orkney landing and 26 kilometres from the Shetland landing and therefore represents a hazard to fishing and should be avoided at all times. The Orkney landing of the SHEFA-2 Segment 9 cable has also been surface laid for a distance of approximately 9 kilometres from shore. A part buried section further south along the route also exists.

Please see the charts below for details of the exposed sections and for coordinates of these sections, please see Kingfisher Fortnightly Bulletin – 25 / 2009.

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: Suni Joensen Shefa P/f, Tel: +298303605, Email: suj@ft.fo
North Sea Network Cable – Survey Programme (New 25-04-2012)

Please be advised that Intertek Metoc on behalf of National Grid International Ltd (NGIL) and Statnett SF (SSF) will be undertaking a geotechnical and geophysical survey programme, which is planned to commence within the UK sector of the North Sea during the period of the 1st May 2012 – 30th June 2012 (subject to any project delays and these will be notified accordingly).

The map displayed below indicates an overview of the proposed cable route and the locations of the KP points along the proposed routes. The inshore part of the cable route, at present, has four options. While NSN hope to reduce this to a single route before the surveys mobilise, it is possible that all four routes may need to be surveyed. At least 14 days prior to the survey commencing the final positions of the KP locations will be released in a further Notice to Fishermen.

The cable route survey is divided into two sections for operational purposes:

<table>
<thead>
<tr>
<th>Offshore Route (Outside (greater than) 15m depth contour)</th>
<th>Inshore Route (Inside (less than) 15m depth contour)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vessels: MV Franklin (1st May – 7th June 2012)</td>
<td>Vessels: MV Sea Beam (30th May – 11th June 2012)</td>
</tr>
<tr>
<td>MV Stril Explorer (24th May – 21st June 2012)</td>
<td>MV Plastic Beam</td>
</tr>
</tbody>
</table>

The vessels proposed for the surveys include – MV Franklin (Geophysical Survey – 1st May – 7th June 2012)

For further information, please contact: Simon Prince, RSS Marine, Tel: 07920273866, Email: sprince@rssmarine.co.uk, or Richard Hart, RSS Marine, Tel: 07584514942, Email: rhart@rssmarine.co.uk.
Newly Installed Cable – BritNed Subsea Power Cable (New 27-10-2011)

As previously reported within the Kingfisher Cable Bulletin, the BritNed Subsea Power cable was installed earlier this year.

The Cable System is a twin bundled High Voltage DC interconnector stretching approximately 260 km from the Isle of Grain in the UK, across to Maasvlakte in the Netherlands. The interconnector has a nominal capacity of 1000 MW, with each cable having a diameter of 119 mm. The cable installation was completed in June 2011 with the majority of cable being lowered to in excess of 1.5 metres.

For a copy of the Kingfisher Awareness Flyer for the BritNed Subsea Power Cable, please contact the undersigned. Alternatively, click on the link below, or visit www.kingfishercharts.org

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.

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
Marine Cable Works – East West Interconnector Cable - Phase 2 (Update 12-04-2012)

On behalf of EirGrid Interconnector Ltd please be advised of marine operations to carry out PLGR (Pre-Lay Grapnel Runs) along the EirGrid East West Interconnector cable route between Rush Beach North County Dublin and Barkby Beach near Rhyl, north Wales prior to cable laying operations.

These cable works are due to commence on 4 April 2012 from Ref point KP8 (Lat 53°32.32’N Long 005°58.12’W) approximately 5nm east of Rush Beach and east to a position at Ref point KP115 (Lat 53°34.54’N Long 004°23.00’W), approximately 10nm north of Amlwch, Anglesey.

The offshore support vessel KINGDOM OF FIFE has been assigned to carry out the PLGR operations that will involve the towing of grapnel equipment along the cable route in order to remove any seabed debris.

Once PLGR has been completed, cable vessels AMC CONNECTOR, ISLAND VALIANT and ISLAND PIONEER will then commence cable laying operations from the Rush Beach shore end position at Ref point KP8 (Lat 53° 32.32N Long 005° 58.12W) and east along the approved EirGrid EWIC cable route.

North Wales Coast

Skippers are advised that following cable laying operations in 2011 in the waters off north Wales sections of the EirGrid EWIC submarine cable remain unburied until cable burial operations have been completed (route position list below). In order to protect the recently installed cable and in the interests of maritime safety requirements guard vessels will continue to be stationed in the vicinity of exposed cable sections and guard vessels will broadcast marine safety warnings on VHF as appropriate.

Fishermen are advised not to leave any static fishing equipment within a distance of 1000 metres of the EirGrid EWIC cable route. Trawler skippers are respectfully asked to withdraw and keep a distance of at least 1nm from all cable vessels associated with these marine operations that will be on-going. All dates are weather dependent.

Route Position List:

| 53° 31.436’N 006° 05.065’W | Rush Beach Landfall |
| 53° 32.544’N 005° 58.206’W | Shore End Joint |
| 53° 32.714’N 005° 56.429’W | |
| 53° 33.561’N 005° 47.496’W | |
| 53° 34.445’N 005° 38.563’W | |
| 53° 35.325’N 005° 29.625’W | |
| 53° 36.189’N 005° 20.683’W | |
| 53° 35.981’N 005° 03.030’W | |
| 53° 35.980’N 004° 54.143’W | |
| 53° 36.114’N 004° 45.370’W | |
| 53° 35.859’N 004° 36.506’W | Barkby Beach Landfall |

For further information, please contact: Colin Richards, Tel: +44 (0)1404 46323, Mobile: +44 (0)7702 693 660, Email: colinrichards@networkmarine.fsnet.co.uk

Marine Cable Works – Gwynt y Mor Wind Farm Export Cables (New 20-03-2012)

Global Marine Systems Limited has been contracted to conduct cable installation and burial of the ‘Gwynt y Môr’ wind farm export cables. The Cable Enterprise and associated support vessels are expected to commence operations on approximately 26 April 2012.

Gwynt y Môr is an offshore Wind Farm located 13km offshore of the North Wales coast, between Prestatyn and Colwyn Bay. The site is to accommodate 160 Siemens 3.6MW Turbines providing a capacity of up to 750MW.

The operations involve the installation and burial of 4 x 132kV export cables, from the shore to two offshore substations.

For a copy of the Kingfisher Awareness Flyer for the Gwynt Y Mor Offshore Wind Farm, please click on the link below, or visit www.kingfishercharts.org

Kingfisher Awareness Flyer: Gwynt Y Mor Offshore Wind Farm

For further information, please contact: John Wrottesley, Global Marine, Tel: +44 1245 70 2009, Email: John.Wrottesley@globalmarinesystems.com
Repair of Power Cables - Moyle Interconnector (North Channel) (Update 20-03-2012)

Repair of faults on both the northern and southern power transmission cables associated with the Moyle Interconnect is now completed. The power cables lie in the North Channel between Islandmagee, Northern Ireland and Currarie Port, south of Ballytrae, Ayrshire, Scotland.

Cable repair activities took place between the following co-ordinates in the North Channel of the Irish Sea.

<table>
<thead>
<tr>
<th>North Cable Fault Window</th>
<th>Co-ordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>55° 03.816 'N  005° 05.572 'W to 55° 03.783 N  005° 06.112 'W</td>
<td></td>
</tr>
<tr>
<td>South Cable Fault Window</td>
<td>54° 55.082 'N  005° 30.667 'W to 54° 54.173 N  005° 33.367 'W</td>
</tr>
</tbody>
</table>

Fishing vessels are advised that sections of the Moyle Interconnector power cables may still be unburied. Skippers are requested to keep beyond a distance of at least 1 nautical mile from the advised cable sections.

For further information, please contact: Maurice Smith, Moyle Interconnector, Tel: +44(0)28 9095 8115, email: Maurice.smith@powerteam.eu.com

Displaced Mattressing – Isle of Man – UK Interconnector Power Cable (New 28-02-2012)

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>Co-ordinates</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.3km</td>
<td>54° 07.68' N   4° 15.36' W to 54° 07.62' N   4° 15.18' W</td>
</tr>
<tr>
<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>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 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
Shallow Burial of Submarine Cable Section – *Hibernia ‘D’* (**New Entry 25-11-2010**)

Following a recent repair to the Hibernia ‘D’ cable, there was difficulty in reburying the cable 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

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.

Repair to Lanis Cable – UK – IOM (Off Port Grenaugh)

The LANIS 1 cable was damaged approximately 600m off Port Grenaugh beach in November 2006. The fault was repaired by laying a new shore end section and unfortunately it was not possible to bury the cable at the bight area or the cable shoreward. All fishing vessels are advised to keep clear of the area below:

1. 54° 05.609’N  04° 33.599’W
2. 54° 05.678’N  04° 33.666’W
3. 54° 05.683’N  04° 33.689’W
4. 54° 05.683’N  04° 33.681’W
5. 54° 05.678’N  04° 33.666’W
6. 54° 05.652’N  04° 33.818’W
7. 54° 05.866’N  04° 34.181’W
8. 54° 05.852’N  04° 34.181’W
9. 54° 05.912’N  04° 34.258’W
10. 54° 06.102’N  04° 34.595’W
11. 54° 06.189’N  04° 34.670’W

For further information, please contact: Jon Ford, Cable & Wireless UK, Waterside House, Longshot Lane, Bracknell, Berkshire, RG12 1XL, Tel: +44 (0)1344 713784, Mob: +44 (0) 7776 165571, Email: jon.ford@cw.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, Cable & Wireless UK, Waterside House, Longshot Lane, Bracknell, Berkshire, RG12 1XL, Tel: +44 (0)1344 713784, Mob: +44 (0) 7776 165571, Email: jon.ford@cw.com
**Cable Repair – TAT 14 (Segment K) (New Entry 12-07-2011)**

There has been a recent repair on the TAT 14 segment K cable north of the Butt of Lewis. Post repair burial was carried out but due to the adverse seabed conditions some sections of cable remain exposed between positions:

East extremity: 60°01.085’N 006°30.375’W  |  West extremity: 60°01.193’N 006°33.816’W

Between these two positions there is a revised repeater position at 60°01.147’N 006°31.195’W, and the crown of the final splice bight lies to the south of the cable line at position 60°00.889’N 006°33.435’W.

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

**Cable Repairs – TAT 14 (Segment K) (Update 12-04-2011)**

There have been two recent repairs on the TAT 14 segment K cable north west of the Butt of Lewis on the Wyville Thompson Ridge. Due to the adverse seabed conditions it has not been possible to bury the repaired sections, and there are two areas that are a danger to fishing gear. These are:

<table>
<thead>
<tr>
<th>Repair 27 A</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Point A</td>
<td>60° 14.00’N 008° 36.00’W</td>
</tr>
<tr>
<td>Point B</td>
<td>60° 14.00’N 008° 30.00’W</td>
</tr>
<tr>
<td>Point C</td>
<td>60° 13.00’N 008° 30.00’W</td>
</tr>
<tr>
<td>Point D</td>
<td>60° 13.00’N 008° 36.00’W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Repair 27 B</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Point A’</td>
<td>60° 13.400’N 008° 08.000’W</td>
</tr>
<tr>
<td>Point B’</td>
<td>60° 13.400’N 008° 03.500’W</td>
</tr>
<tr>
<td>Point C’</td>
<td>60° 12.500’N 008° 03.500’W</td>
</tr>
<tr>
<td>Point D’</td>
<td>60° 12.500’N 008° 08.000’W</td>
</tr>
</tbody>
</table>

Both these areas contain a length of unburied cable and a final splice bight with the slip ropes still attached. Fishermen are requested to avoid fishing in the vicinity of both these areas.

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