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
Cable Repair – Between Westray and Papa Westray (Update 02-12-2011)

Please be advised that Briggs Marine Contractors will be continuing to carry out repair works on the 11kV Power Cable between Westray and Papa Westray.

The works will be carried out along a 2 km section of the route from approximate position 59°18.191’N 002°54.735’W to approximate position 59°17.867’N 002°55.000’W. Marine operations will be running from Friday 2nd December to Friday 9th December 2011.

The operations will be carried out from the vessels ‘Forth Guardsman’, ‘Forth Fighter’ and ‘Forth Sentinel’. The Forth Guardsman will perform cable repair operations on a 4 point mooring pattern, supported by the Forth Fighter as an Anchor Handling Tug and the Forth Sentinel as a Dive Support Vessel. The Forth Guardsman will be restricted in the ability to manoeuvre. It is requested that all vessels operating within this area keep their distance and pass at minimum speed.

For further information, please contact: Andrew Kinninmonth, Mob: +44(0)7889 751 766, Email: akinninmonth@briggsmarine.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 further information, please contact: Suni Joensen Shefa P/f, Tel: +298303605, Email: suj@ft.fo

Kingfisher Awareness Flyer: SHEFA Exposed Sections (June 2011)

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
Cable Repair – *Ulysses North Fibre Optic Cable (Update 03-01-2012)*
A cable repair is scheduled to recommence on 6th January 2012 subject to weather and other operational factors. The approximate location for the repair is: 52°24.241’N 02°57.016’E. The vessel will transit from Brest to the cable works site on Friday the 6th January 2012 to recommence work. We expect the vessel to remain on site until the 9th January 2012.

For further information, please contact: John Wrottesley, Global Marine Systems, Tel: +44(0)1245 702009, email: John.Wrottesley@globalmarinesystems.com

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Cable Installation – *London Array Wind Farm (Update 06-12-2011)*

**Rock Dumping**

Please be advised that Van Oord Offshore BV will be conducting Subsea Rock Installation activities over three crossing points of the export cable. Activities will last for 10 days between 14/12/2011 and 31/12/2011. Side Stone Dumping Vessel ‘HAM 601’ (Call sign: PENA) will be conducting the SRI activities at the following locations:

1. Shivering Sand anchorage - 51°30.13’N 001°08.08’E
2. BritNed HVDC interconnector crossing - 51°28.50’N 001°17.50’E
3. Kentish Flats export cables crossings - 51°25.25’N 001°06.00’E

For further information, please contact: Geoff Riches, London Array Ltd, Tel: +44(0)7920854358

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Cable Installation

Global Marine Systems will undertake inter-array cable installation works at the London Array Wind Farm, commencing on 7th July 2011 and continuing until approximately 30th December 2011.

The Jan Steen will be conducting cable installation activities, and the Rhoscolyn Head will be conducting personnel transfer and acting as a guard vessel. Vessels will be working on a 24hr basis, transiting from time to time between the site and Sheerness. The works will be undertaken within the coordinates:

1. 51°42.300’N 001°29.800’E,  2. 51°40.393’N 001°33.454’E,  3. 51°34.812’N 001°25.943’E,  4. 51°36.717’N 001°22.294’E

For further information, please contact: Michael Finnerty, Tel: +44 (0) 1245 702025, Email: Michael.finnerty@globalmarinesystems.com OR Tom Manning, Tel: +44 (0)7795 445192, Email: tom.manning@globalmarinesystems.com

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Newly Installed Cable – *BritNed Subsea Power Cable (New Entry 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 an 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 (Update 07-12-2011)

North Wales Coast
Fishermen are advised that cable burial operations have been suspended along the route of the EirGrid East West Interconnector power cable off Barkby Beach, Rhyl and west in the waters off north Wales. Trenching vessel Island Pioneer and cable installation barge Nostag 10 have now been demobilised and remedial works have been deferred until January 2012.

Trawler skippers are advised that sections of the EirGrid EWIC power cable will remain unburied until cable burial operations have been completed, however, guard vessels will continue to be stationed in the vicinity of exposed cable sections.

Fishermen are advised not to leave any static fishing equipment within a distance of 500 metres of the EirGrid EWIC cable route. All Skippers are respectfully asked to withdraw and keep beyond a distance of at least 1 nautical mile from all cable vessels associated with these marine operations.

Cable Installation/Burial Works – Celtix Connect Cable (Update 13-12-2011)

Unfortunately the outline plan as below has been delayed due to the recent weather. The CS Innovator has just departed Dublin and is on her way to the Welsh side of the works area to begin cable recovery of the existing cable. The outline plan of work, which has slipped slightly, is as follows:

- 10th December – Depart Dublin Port
- 11th December – Conduct pre-lay gravel run
- 22nd December – Begin cable installation
- 30th December – Land cable at Welsh shore end location
- 9th January – Complete Post lay inspection & burial
- 15th January – Demobilise

Route Position List:

1. 53°21.386'N 006°01.795'W Ireland
2. 53°22.748'N 006°00.571'W
3. 53°29.590'N 005°50.742'W
4. 53°29.767'N 005°53.344'W
5. 53°29.989'N 005°49.169'W
6. 53°30.236'N 005°47.075'W
7. 53°30.491'N 005°45.290'W
8. 53°30.685'N 005°44.441'W
9. 53°32.200'N 005°34.968'W
10. 53°32.214'N 005°33.713'W
11. 53°31.422'N 005°24.889'W

For further information, please contact: Colin Richards, Tel: +44 (0)1404 46323, Mobile: +44 (0)7702 693 660, Email: colinrichards@networkmarine.fsnet.co.uk
Repair of Power Cables - Moyle Interconnector (North Channel) (New Entry 10-11-2011)

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

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

North Cable Fault Window 55° 03.816 'N  005° 05.572 'W  to  55° 03.783 N  005° 06.112 'W
South Cable Fault Window 54° 55.082 'N  005° 30.667 'W  to  54° 54.173 N  005° 33.367 'W

The execution plan commenced in late October and could last 12 weeks. The program is subject to both technical and weather delays.

Fishing vessels are advised that sections of the Moyle Interconnector power cables may be unburred at times during this work. Skippers are requested to keep beyond a distance of at least 1 nautical mile from the advised cable sections. Vessels are also requested to keep beyond 1 nautical mile from the cable repair vessel North Sea Giant as operations limit the manoeuvrability of the repair vessel and include the use of ROVs.

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

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°18.996’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

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
**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 and route below:

| 1.  | 54° 05.609'N 04° 33.599'W | 5.  | 54° 05.678'N 04° 33.683'W |
| 2.  | 54° 05.678'N 04° 33.666'W | 6.  | 54° 05.655'N 04° 33.691'W |
| 3.  | 54° 05.683'N 04° 33.669'W | 7.  | 54° 05.652'N 04° 33.818'W |
| 4.  | 54° 05.683'N 04° 33.681'W | 8.  | 54° 05.866'N 04° 34.181'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>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Repair 27 B</th>
<th></th>
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</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 a copy of the Kingfisher Awareness Flyers for the Sprint 2011 (TAT 14 Segment K) cable, please contact the undersigned. Alternatively, click on the link below, or visit www.kingfishercharts.org

- Kingfisher Awareness Flyer: Sprint 2011 (TAT 14 Segment K) - ENGLISH
- Kingfisher Awareness Flyer: Sprint 2011 (TAT 14 Segment K) – FRENCH
- Kingfisher Awareness Flyer: Sprint 2011 (TAT 14 Segment K) - FAROESE

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