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 Segments 8 & 9 (Update 18-07-2012)

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
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

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
Guernsey to Jersey – Submarine Power Cable Repair *(New 19-07-2012)*

Please be advised that the Vessel: Team Oman Callsign: J8B2641 assisted by the Vessel Bremen Hunter Callsign: V2PO4 is carrying out repair operations on the Guernsey to Jersey Submarine Power Cable.

Main Work Area:  49°24.469’N  002°31.059’W  
49°20.784’N  002°25.364’W  

Work is due to commence 21st July 2012 for 21 Days

For further information, please contact: Heidi Le Noury, Guernsey Electricity Ltd, Tel: +44(0)1481 241977 email: Heidi.LeNoury@electricity.gg
Mariners are advised that survey and diving equipment will be used in the Irish Sea in July/August 2012 weather dependent. Work commenced on 26th July at Wirral (England).

The survey will be carried out by the vessel ILV Granualie Call Sign: EIPT.

Inshore Survey Boat (Wirral): Remote Sensor
Inshore Survey Boat (Ardneil): Yorkshire Lady

During this survey the vessels may be deploying either underwater survey equipment and/or divers. During such times the survey vessels may have restricted ability to manoeuvre and other vessels are requested to pass at a safe speed and distance.

The Western HVDC Link Project consists of a 600 kV DC submarine system in the Irish Sea between Ardneil (Scotland) and Wirral (England) for a total route length of about 385 km.

Cable route co-ordinates

For further information, please contact: Andrea Fienga, UTEC Survey Mediterranean, Tel+ 39 081 1909 5711 email: Andrea.Fienga@utecsurvey.com
Marine Cable Works – East West Interconnector Cable - Phase 2 (Update 01-08-2012)

On behalf of EirGrid Interconnector Ltd please be advised that the EirGrid East West Interconnector cable between Rush Beach North County Dublin and Barkby Beach near Rhyl, north Wales has now been laid and cable burial operations are currently taking place (see Chart and Route Position List attached).

Cable installation vessel ISLAND PIONEER is currently carrying out cable trenching and post lay survey operations along the EirGrid EWIC cable route. Cable work barge ATLANTIC and support tug WILLENEAVEOUR continue to carry out cable works inshore off Rhyl/Prestatyn, North Wales.

DPFPV FLINTSTONE is due to commence cable protection work at various locations along the cable on 3 August 2012 for an estimated period of two weeks. These operations will take place between Ref point KP89 and east to KP198 and will involve the installation of rock berms (typically 0.5m in height) at isolated locations along the route in order to provide cable protection.

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 also respectfully asked not to travel within a distance of at least 1000 metres of the cable route. All vessels should withdraw and keep a distance of at least 1nm from all cable vessels associated with these marine operations that are on-going. In the interests of maritime safety and to avoid any interaction between the on-going sub-sea cable installation works and other marine activities, sub-sea cable guard vessels continue to be stationed along the cable route at locations where the cable is currently considered to be unburied. Sub-sea cable guard vessels will make regular security transmissions on VHF Channel 16 and may request two-way communications with any vessel considered to be navigating to a distance of less than 1000 metres of these cable works and where the recently installed EirGrid EWIC cable may currently be unburied.

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.

Route Position List:

| 53° 31.436’N 008° 05.083’W | Rush Beach Landfall |
| 53° 32.544’N 008° 05.206’W | Shore End Joint |
| 53° 32.714’N 008° 05.429’W | Laydown Cable End (DWJoint) |
| 53° 33.561’N 008° 04.749’W | |
| 53° 34.445’N 008° 03.853’W | |
| 53° 35.325’N 008° 03.625’W | |
| 53° 36.189’N 008° 03.683’W | |
| 53° 37.859’N 008° 03.506’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
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 26th 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

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:

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 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
```

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.

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° 05.663'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
9. 54° 05.912'N 04° 34.258'W
10. 54° 06.102'N 04° 34.595'W
11. 54° 06.158'N 04° 34.670'W
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For further information, please contact: Jon Ford, Cable & Wireless UK, Waterside House, Longshot Lane, Bracknell, Berkshire, RG12 1XL, Tel: +44 (0)1344 713704, 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 713704, Mob: +44 (0) 7776 165571, Email: Jon.Ford@cw.com
2nd August 2012

**Cable Repairs – TAT 14 (Segment K) (New Entry 19-07-2012)**

There have been a number of repairs to the TAT 14 segment K cable north and northwest of the Butt of Lewis, between longitudes 6 degrees and 10 degrees West. These repairs are in a section of the cable that either was not originally buried due to the seabed conditions or cannot be post-repair buried for the same reason. It is also clear that sections originally buried may be becoming exposed. Fishermen are therefore requested to avoid fishing with bottom contact gear in the vicinity of the cable.

The Kingfisher Awareness Flyer for the area has been updated, and in addition four chartlets, each covering one degree of longitude, have been produced covering this section of the cable. Links to downloadable.pdf files of both the flyer and the chartlets are displayed below this notice.

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

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