For ‘live’ Kingfisher updates of offshore activities, visit www.kis-orca.eu and follow @KingfisherInfo on Twitter

The shaded blocks below indicate reports of fishing hazards and offshore activities.

<table>
<thead>
<tr>
<th>Area 1 (p.2)</th>
<th>Area 2 (N.A)</th>
<th>Area 3 (p.3)</th>
<th>Area 4 (p.4-5)</th>
<th>Area 5 (p.6-11)</th>
<th>Area 6 (p.12)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Seabed Activity</td>
<td></td>
<td>2. Seabed Activity</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Exposed Cable Sections – SHEFA 2 Subsea Cable

The SHEFA-2 submarine cable, running between Banff, Orkney, Shetland and Faroes has suffered from several cable breaks since deployment in 2007. A re-deployment was completed successfully late in 2014 and the majority of exposed areas are now buried.

However, SHEFA urgently has to stress that a further few areas of the SHEFA-2 segment 7, 8 & 9 are unburied and therefore exposed. Especially we need to highlight a limited exposed area on the segment running between Manse bay in Orkney and Banff in Scotland between the following positions:

A: 58°47.208’N 002°46.617’W and
B: 58°47.300’N 002°46.763’W

This area represents a hazard to fishing and should be avoided at all times. The latest route of the cable may be seen on the KIS-ORCA Fishing Plotter disk released January 2015 and may be downloaded from www.kis-orca.eu/downloads

For a copy of the Kingfisher Awareness Flyer, showing the exposed sections of SHEFA from December 2013, please contact the undersigned. Alternatively, click on the link below, or visit www.kingfishercharts.org

Survey Operations – YELL – Unst 33kv Submarine Cable

Mariners are advised that Briggs Marine Contractors Limited will be undertaking submarine power cable survey operations in Bluemull Sound.

The works will be carried out between in a corridor 500m either side of the centre line between Yell 60°41.51’N, 0°59.98’E and Unst 60°41.697’N, 0°58.487’E.

Marine operations will be running from no earlier than Saturday 5th September for around two weeks.

Operations will be carried out from the vessel Humber Guardian. During operations, Humber Guardian 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 vessel will display the appropriate day shapes/signals and at times of reduced visibility the appropriate lights as required by the IRPCS. The vessel will also actively transmit an AIS signal. A continuous listening watch will be maintained on VHF Channel 16 and DSC.

For further information: Martin Black, Briggs Marine Contractors Ltd, Tel: +44 (0)1592 872939 email: Mblack@briggsmarine.co.uk
Notice To Fishermen
First Published: 10 September 2015 - | Latest Update: 10 September 2015

Cable Repairs – Concerto 1 North

Recently there have been several repairs to the Concerto 1 North cable due to the mobile nature of the seabed. These repairs are post repair buried but remain more vulnerable than other sections of the cable. For all details of the current status of the cable please see the up to date Kingfisher Awareness Flyer. This may be obtained by clicking the link below or by visiting www.kingfishercharts.org

Please note that the following chart has been updated.

Kingfisher Flyer: Concerto 1 North Cable

For further information: Neil Donovan, Interoute Communications Ltd, e-mail: neil.donovan@interoute.com

Notice to Fishermen
Published: 9 April 2015  |  Latest Update: 9 April 2015

Hazardous Condition of Cable – Ulysses South Landing (St Margaret’s Bay)

Please note that further to earlier notices, the Ulysses South submarine cable landing at St Margaret's Bay, near Dover, remains broken at 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.

A map of the hazardous position may be seen by clicking on the ‘Map Link’ in the top right corner

For further information: Steven Bennett, Global Marine, Tel: +44 7557 908179 email: Steven.bennett@globalmarinesystems.com

Notice To Fishermen
Published: 27 February 2013  |  Latest Update: 23 October 2014

Fishing Hazard – Vulnerable Subsea Cable, Concerto North

Please be advised that, following four repairs in two locations within a four and a half mile section of this cable around this area of the Concerto North cable. Although the repairs have been buried the seabed is known to be soft and mobile.

Please exercise extreme caution whilst fishing in this area.

For further information: Neil Donovan at Interoute Communications email: neil.donovan@interoute.com
Notice To Fishermen

Published: 13 August 2015 | Latest Update: 09 September 2015

**FAB Link Interconnector Project – Marine Survey Operations**

Mariners are advised of marine survey operations between France, Alderney and Britain that are scheduled to commence on 22nd August 2015 for up to 10 weeks duration.

The cable corridor being surveyed is 161km between Britain and Alderney, 26km between France and Alderney and up to 500 meters wide. Fishermen are advised not to leave any static fishing equipment within a distance of [250] meters of the survey route. All vessels operating in the area are respectfully asked to keep a distance of at least 1 nautical mile.

<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>MMT MV Franklin SEIN MV Icebeam SFKH</td>
<td>France – Alderney Route</td>
<td>22nd August 2015 For 10 Weeks</td>
</tr>
</tbody>
</table>
| Hugo Seg 1 – Cable Repairs | Published: 02 June 2015 | Latest Update: 02 June 2014

Following a recent work on the Hugo subsea cable, there remains vulnerable and hazardous sections. Due to the nature of the sea bed, although all efforts had been made to bury the cable and associated joint boxes, only minimal or reasonable coverage was achieved.

**Section 1 – Repair section of over 4km including final splice bight (minimal coverage)**

Extreme caution should be exercised if working between: 49°39.163N 004°59.495W and 49°38.310N 004°56.427W

**Section 2 – Repeater installation at 49°35.576N 4°46.785W (minimal coverage)**

Extreme caution should be exercised if working between: 49°35.657N 004°47.079W and 49°35.519N 004°46.553W

**Section 3 – Repeater installation at 49°36.675N 3°35.045W (reasonable coverage)**

Caution should be exercised if working between: 49°36.671N 003°35.332W and 49°36.675N 003°34.752W

A map of the cable repairs/installations can be seen by clicking on the ‘Map Link’ in the top right corner.

For further information: Jon Ford at Vodafone, Tel: +44 7776 165571 email: jon.ford@vodafone.com
Exposed Cable Sections – CIEG Guernsey (Jersey 90kv Subsea Power)

Please be advised that due to recent repair works, two sections of cable remain unburied. Cables and joints are lying exposed on the sea bed and are a hazard to fishing and at risk of being damaged.

Cable Repair 1 – Jersey to Guernsey (2012)
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 within the Map Link.

Cable Repair 2 – Jersey to Guernsey (2015)
The repaired sections lay between 49°26.965’N 002°31.422’W to 49°26.873’N 002°31.125’W where it then heads south to 49°26.584’N 002°31.191’W. The hairpin bight facing west south west extending for 70 meters to 49°26.887’N 002°31.321’W as shown in the image within the Map Link.

Please exercise caution when carrying out work such as trawling in these areas.

A map of the cable repairs can be seen by clicking on the ‘Map Link’ in the top right corner

For further information: Heidi Le Noury, Channel Island Electricity Grid, Tel: +44(0)14781 241977, Email: Heidi.LeNoury@electricity.gg
Notice To Fishermen

Published: 16 July 2015 | Latest Update: 04 September 2015

**Hunterston-Kintyre – Interconnector Cable**

Mariners are advised that rock placement work on the route of the Hunterston-Kintyre undersea cables is due to start on the 5th September 2015.

Cable burial work was carried out in August 2015. Rock placement will now be carried out in areas where additional cable protection is required between the 5th and 9th September 2015. The underwater rock placement operations will be carried out between 55°41.74'N 004°53.36'W and 55°41.97'N 005°26.93'W, will be conducted by two vessels; the Seahorse and the Rockpiper.

Vessel details

Seahorse: Rock Placement Vessel | Call sign PCAP
Rockpiper: Rock Placement Vessel | Call sign 5BML3

 Whilst Seahorse and Rockpiper are conducting the rock placement and supporting operations, they will be Restricted in the Ability to Manoeuvre. All vessels operating within this area are to keep clear of Seahorse and Rockpiper: 500 metres ahead, 1000 metres abeam and astern of the vessel to maintain a safe distance.

During operations 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 12 DSC.

Three guard vessels are presently on station along the cable route and will provide advice to ensure the safety of mariners operating in the area until further notice. The guard vessels can be contacted on VHF Channel 16.

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

Notice To Fishermen

Published: 26 March 2014 | Latest Update: 17 August 2015

**Western HVDC Link Power Cable – Installation, Exposed Cable & Survey**

Work on the installation of the first deep water cable of the Western HVDC Link in the Irish Sea between the Wirral and the Firth of Clyde recommenced in July 2015

When operations recommenced, a section of cable was joined to the cable that was layed in 2014 to a distance approximately 37km from the Wirral. Now that the cables are joined, work is progressing towards the Isle of Man for about 120km, and is due to be completed in September 2015. This cable laying campaign is the first of two along this route. The next cable is due to be layed along this route between November - December 2015. The cables will not be buried where they cross existing cables or pipelines. At these crossings, guard vessels shall monitor the cable until appropriate post-lay protection (with concrete mattresses or rock placement) can be installed. The cable crossing locations are:-

<table>
<thead>
<tr>
<th>Cable Name</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hibernia Cable</td>
<td>53°45.058'N</td>
<td>003°48.853'W</td>
</tr>
<tr>
<td>Sirius South Cable</td>
<td>53°45.574'N</td>
<td>003°46.733'W</td>
</tr>
<tr>
<td>ESAT2 Cable</td>
<td>53°42.492'N</td>
<td>003°48.646'W</td>
</tr>
<tr>
<td>PL1036 Pipeline</td>
<td>53°31.491'N</td>
<td>003°34.852'W</td>
</tr>
<tr>
<td>PL1032/1033 Pipeline</td>
<td>53°31.490'N</td>
<td>003°34.840'W</td>
</tr>
</tbody>
</table>

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

For 'live' Kingfisher updates of offshore activities, visit www.kis-orca.eu and follow @KingfisherInfo on Twitter
Moyle Returns Cable Project – Works

Mariners are advised that the Moyle Return Conductor cables are due to be laid between landfalls on Scotland (approx. 3.5km south of Ballantrae) and Ireland (5km east of Larne).

Survey work by the vessel Smit Neyland is due to commence near the Scottish landfall on 9th September 2015. Rock placement works are due to start on 11th September 2015. This work is due to be completed by the 10th October 2015.

Rock placement works will be carried out by a split barge, with a rock coaster and works boat supporting the rock placement activities. The barge will be towed between the coaster and rock placement locations by the two tugs, Coastrunner – 2EDW3 and Coastworker.

The nearshore rock placement will take place in waters between 5-10 metres deep. The rock protection will provide 0.6m of cover to the cable, and will extend approximately 220m from the shore near the Scottish landfall (200m from the shore near the N. Ireland landfall). The rock used in the protection works will have a size of 1-8 inches.

The rock coaster DC Eems – PBTI is due to anchor close to the rock placement site (approximately 500m to the north of the cable at the Scottish side and approximately 500m to the south of the cable on the Northern Irish side).

The survey vessel Smit Neyland – VQGN5 will make a further survey of the rock placement area when works are completed.

Whilst the vessels working on this project are conducting the rock placement and supporting operations, they will be Restricted in the Ability to Manoeuvre. All other vessels operating within the area are asked to keep clear of the vessels, 500 metres ahead, 1000 metres abeam and astern of the vessel to maintain a safe distance.

During operations 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 12 DSC.

Guard vessels: Guard vessels will be stationed as appropriate along the cable routed during installation and burial to ensure the safety of marine users. These vessels are being supplied by the Scottish Fishermen’s Federation (SFF) and the National Federation of Fishermen’s Organisations (NFFO).

Future work: Work on the protection of the first (north) cable is due to be completed by the 10th October 2015.

The laying of the south cable is currently scheduled to start on the 18th October 2015 and all protection work on this cable is due to be completed by 13th January 2016 (weather and conditions permitting). An update on this second phase of the project will be provided in future bulletins.

<table>
<thead>
<tr>
<th>Activity</th>
<th>North Cable</th>
<th>South Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable laying</td>
<td>1 – 12 Aug 2015</td>
<td>18 - 26 Oct 2015</td>
</tr>
</tbody>
</table>

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

Celtic Interconnector Project – Offshore Marine Survey Operations

On behalf of Intertek please be advised that survey vessel ERNEST SHACKLETON is continuing to carry out hydrographic and geophysical survey operations along the Celtic Interconnector cable route in the offshore waters of the Southwest Approaches and Celtic Sea.

Survey operations are currently taking place in the waters west of the Isles of Scilly and proceed into Irish waters.

Fishermen are advised not to leave any static fishing equipment within a distance of 250 metres of the proposed survey routes and are respectfully asked to withdraw and keep beyond a distance of at least 1 nautical mile from the survey vessel that will be operating with towed equipment up to 600 metres behind the vessel and will have restricted maneuverability.

Survey vessel will be operating on a 24-hour basis. The vessel will display appropriate day shapes and lights during survey operations and will maintain a listening watch on VHF CH16 and actively transmit an AIS signal (vessel mobile: 00 44 1223 2221731).

If you require a list of the route positions, please contact the undersigned.

For further information: Colin Richards, Intertek, Tel: +44(0)1404 46323  email: colinrichards@networkmarine.fsnet.co.uk

Notice To Fishermen

Hibernia Seg C Cable System – Emergency Repair

Global Marine Systems Ltd has been contracted to undertake an emergency repair to the Hibernia Segment C submarine fibre optic telecommunications cable in the Irish Sea within UK EEZ.

The CS Wave Sentinel is due to arrive on site in the early hours of the morning on 10th September 2015 to commence works.

The estimated location is 53° 48.136'N ; 4° 29.023'W and the duration of the cable repair will be approximately 5 days depending upon weather or other operational conditions.

The vessel will be limited in manoeuvrability. Other vessels should maintain a distance of at least 1NM from the cable ship during operations, and 1/4NM from any cable buoys in place during the course of the repair for safety.

For further information: Steven Bennett, Global Marine, Email: Steven.bennett@globalmarinesystems.com
Notice To Fishermen
Published: 18 June 2015 | Latest Update: 01 September 2015

Eastern West Interconnector – Hydrographic & Geophysical Survey

Please be advised that Bibby HydroMap Limited will be carrying out hydrographic & geophysical survey operations in the area.

The Eastern West Interconnector (EWIC) marine survey project shall provide an accurate baseline survey for the 500MW high voltage, direct current interconnector, operated by EirGrid Interconnector Ltd. The EWIC interconnector runs between Prestatyn in North Wales and Rush Bay in the Republic of Ireland. Survey Operations will re-commence on 02/09/2015 and are not expected to continue beyond the end of September 2015. Survey operations will be undertaken using survey vessel MV Proteus Call Sign: 2HBL7.

For further information: Colin Richards, Intertek, Tel: +44(0)1404 46323 email: colinrichards@networkmarine.fsnet.co.uk

Notice To Fishermen
Published: 19 December 2013 | Latest Update: 13 June 2014

Fishing Hazard – Exposed Subsea Cable, Beam Trawl and Wire

Please be advised that, following entanglement with a subsea cable, a beam trawl and scallop gear have been discarded at the position below.

The fishing gear is entangled with the subsea cable and poses a significant hazard to fishing (L: 10m x H: 2m). There is also over 80m of exposed cable in the vicinity, due to the trawl dragging the cable from its original position.

The position is: 55°22.915’N 06°35.917’W

It was advised that the fishermen cut away both sides of his fishing gear and up to 200 fathoms of wire rope.

An awareness chart of the area is available from: Steven Bennett, Global Marine, email: Steven.bennett@globalmarinesystems.com

Please exercise extreme caution whilst fishing in this area.

For further information: Alasdair Wilkie, Hibernia, Email: alasdair.wilkie@hibernianetworks.com, Tel: +44 1704 322 306, Mobile: +44 7850 770 577
Fugro will be conducting geophysical, oceanographic and environmental survey operations using vessels RV Fugro Seeker and MV Valkyrie within Morecambe Bay. Fugro will also be undertaking geotechnical investigations on board the vessel Skate 3E within Area A only.

### Survey

**Morecambe Bay – Geographical Survey**

Fugro will be deploying three oceanographic seabed frames marked with a Surface Marker Buoy (SMB) at the following approximate locations:

**Deployment reference**

- **Ocean 1**: 54°00.9’N 003°01’W
- **Ocean 2**: 54°03.2’N 003°02’W
- **Ocean 3**: 54°00.3’N 003°08’W

The vessel MV Torch will be used for the deployment and retrieval of the equipment. The oceanographic equipment will remain on the seabed for a period of 30 days. Each SMB is 1.25 m in diameter, 1.5 m in height and is IALA yellow in colour. SMBs are also equipped with a flashing amber navigational light (flashing 5 times every 20s at 1 Hz) and radar reflectors. Please note the seabed frame is not beneath the SMB but approximately 45 m from it. The oceanographic equipment will be on the seabed between 07 September and 14 October 2015.

For further information: Amy Bergman, Fugro, Tel: +44(0)1491 820807  email: a.bergman@fugro.com

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**Published: 27 August 2015 | Latest Update: 27 August 2015**

**Company, Vessel & Call Sign** | **Area Covered** | **Start Timeframe & Duration**
--- | --- | ---
Fugro Limited | Area A | 07/09/2015 until 31/09/2015
**Fugro Seeker**
2HCS2 | During geophysical operations equipment towed up to 100m astern of vessel | For 4 weeks
**MV Valkyrie**
2BWA9 | Route across Morecambe Bay | 28/09/2015 until 30/10/2015
| N/A |
Fugro Skate 3E | 28/09/2015 until 30/10/2015
J8B5005 | 54°03.214’N 003°02.266’W | For 5 weeks
| 54°03.750’N 003°01.961’W |
| 54°03.390’N 003°00.159’W |
| 54°02.849’N 003°00.483’W |

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**Company, Vessel & Call Sign** | **Route across Morecambe Bay** | **Start Timeframe & Duration**
--- | --- | ---
**Fugro Limited** | 54°03.214’N 003°02.266’W | 07/09/2015 until 31/09/2015
| 54°03.750’N 003°01.961’W |
| 54°03.390’N 003°00.159’W |
| 54°02.849’N 003°00.483’W |

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**Area Covered**

- **Area A**: 54°03.214’N 003°02.266’W
- **Area B**: 54°04.908’N 002°57.173’W
- **Area C**: 54°04.071’N 003°06.686’W
- **Area D**: 54°04.029’N 003°04.266’W
- **Area E**: 54°04.076’N 002°58.766’W
- **Area F**: 54°04.144’N 003°03.153’W
- **Area G**: 54°04.151’N 003°04.194’W

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**For further information:** Amy Bergman, Fugro, Tel: +44(0)1491 820807  email: a.bergman@fugro.com
Notice To Fishermen

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.

1. 48°49.407’N 002°35.545’W Start of exposed section
2. 48°49.333’N 002°35.417’W Splice
3. 48°47.988’N 002°35.137’W Splice
4. 48°47.725’N 002°35.088’W Splice
5. 48°47.657’N 002°34.976’W Splice
6. 48°46.873’N 002°35.083’W Splice
7. 48°46.702’N 002°35.077’W Splice
8. 48°46.564’N 002°35.187’W Splice
9. 48°45.380’N 002°35.083’W End of exposed section

For further information: Marine Managers - Email: ssian@relianceglobalcom.com, Tel: +44 7768508940 or Email: kbiddulph@relianceglobalcom.com, Tel: +44 7747474819
Notice To Fishermen

Cable Repairs – TAT 14 (Segment K)

During the last three 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: Barry Peck, Sealine Marine Services, Email: bepeck@sealine.org.uk