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

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New Hazards (p.2)

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1. Notice to Fishermen
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3. Survey Activity

Area 3 (p.16)

1. Seabed Activity

Area 4

1. N/A

Area 5 (p.17)

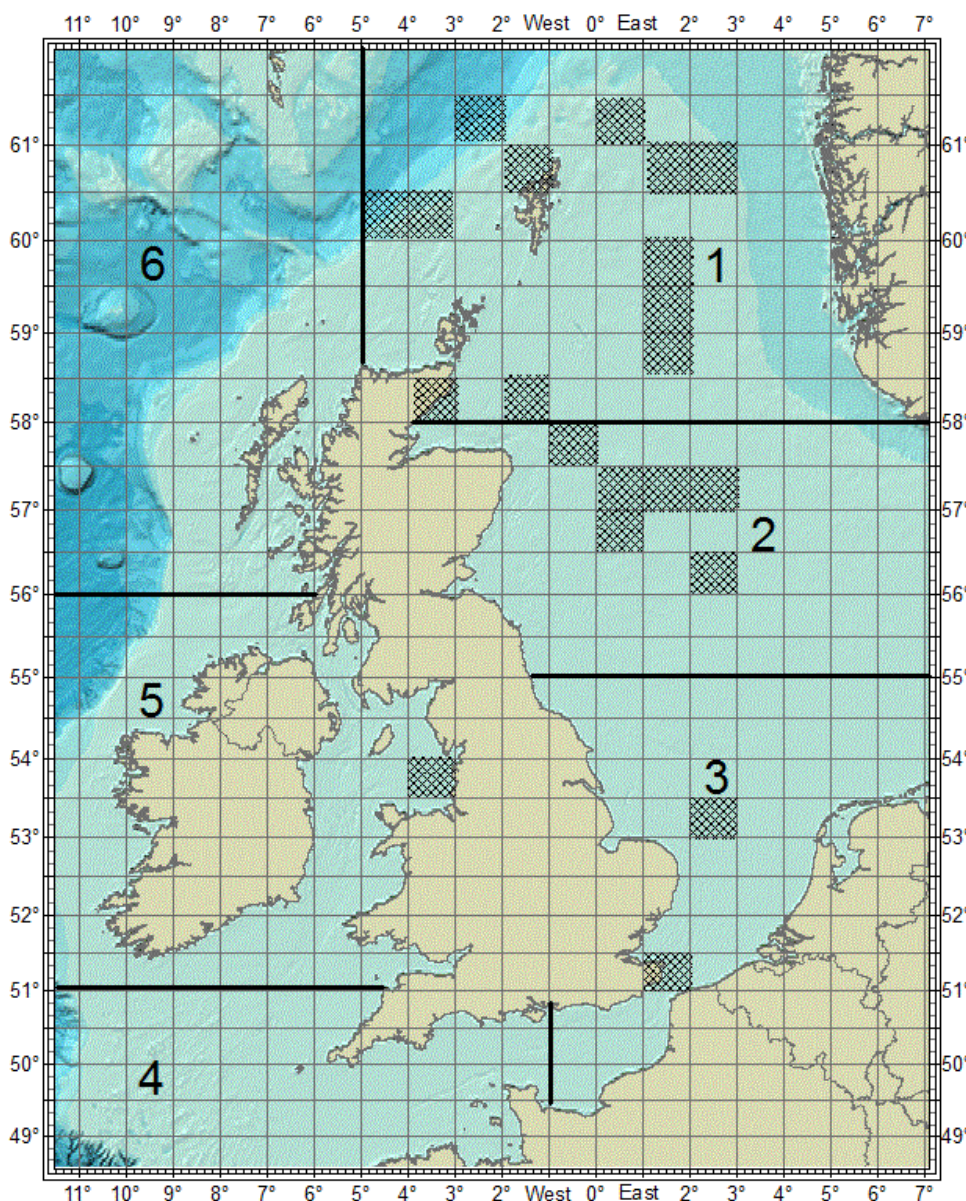
1. Seabed Activity

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New Hazards



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Area 1 – Hazard List

Hazard Type	Position	Issue Date	Contact Details	Map
Enquest Water Injection Flowline - Crater	61°28.383'N 001°30.767'E	28 July 2016	Linda.Bremner@enquest.com	
Exposed cut end of pipe	61°04.102'N 001°24.107'E	14 July 2016	kingfisher@seafish.co.uk	

Area 2 – Hazard List

Hazard Type	Position	Issue Date	Contact Details	Map
Cement Block	57°49.735'N 001°02.347'W	25 Aug 2016	Brian.Beattie@nexencnooltd.com	
New Suspended Wellhead – 21/19-13	57°22.931'N 000°43.018'E	28 July 2016	Marcelle.wynter@oga.gsi.gov.uk	

Area 3 – Hazard List

Hazard Type	Position	Issue Date	Contact Details	Map
Dropped objects in East Anglia Wind Farm	52°16.665'N 002°31.323'E	14 July 2016	v.griffiths@fugro.com	

* **The Hazard List is a collection of potential fishing hazards supplied to Kingfisher from across all offshore industries. Potential hazards will be listed for 6 months.**

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Notice To Fishermen

First Published: 28 July 2016 | **Latest Update: 28 July 2016**

FishSAFE Information – FSIv32 Now Available



The latest release of FSI data is now being distributed to fishermen and is available to download [here](#).

FishSAFE v32 contains the positions of many new oil & gas structures and is available for the following fishing plotter systems: Sodena, Maxsea, Olex, Penta, SIS MicroPlot, Transas Navifisher, Litton FishMaster, TMPlanner Quodfish and also your FishSAFE Unit.

For further information: Kingfisher Information, using the details at the foot of this page.

Notice to Fishermen

First Published: 28 July 2016 | **Latest Update: 28 July 2016**

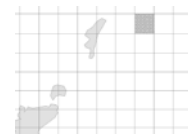
Fishing Hazard – Enquest Water Injection Flowline Failed



Please note that Enquest PL2581 water injection flowline has failed in service resulting in significant disturbance of two craters on the seabed at the following:

Position: 61°28.383'N 001°30.767'E

Crater 1 Dimensions – 4.2m x 1.5m x 1.25m Crater 2 Dimensions – 3.6m x 1m x 0.5m



For further information: Linda Bremner, Enquest, Tel: +44(0) 1224 975000 email: Linda.Bremner@enquest.com

Notice to Fishermen

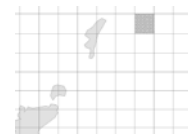
First Published: 14 July 2016 | **Latest Update: 14 July 2016**

Fishing Hazard at NW Hutton – Exposed Cut End of Pipeline



Please note that there is an exposed cut end of a pipeline above the seabed in the following location, which represents a hazard to fishing.

Position: 61°04.102'N 001°24.107'E



For further information: Kingfisher – details in footer

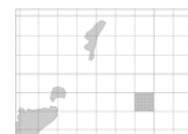
Wellheads

First Published: 19 May 2016 | **Latest Update: 01 June 2016**

Abandoned Wellhead – Structure Removed from Seabed

Please note the Abandoned wellhead below, should be deleted from the Kingfisher Yellow Card Edition July 2016.

Structure	Operator	Position
16/03d-16z	Enquest	58°54.645'N 001°26.190'E



For further information: Juliana Grando, Enquest PLC Tel: +44(0)1224 975240 email: Juliana.Grando@enquest.com

Area 1

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Seabed Activity

First Published: 25 August 2016 | **Latest Update: 25 August 2016**

Western Isles Development – Permanent Infrastructure Installation



Dana has been undertaking drilling work in the northern North Sea (UKCS Block 210/24a) and there are two partly constructed wellheads (guide base and posts) that have been installed.



Structure	Position
210/24a-BUI4	61°11.766'N 000°43.649'E
210/24a-B9A	61°11.772'N 000°43.638'E

They are 15m apart from each other and we are currently awaiting the consent to locate approval for the permanent installation of these.

For further information: Nicola Bannigan, Dana Petroleum, Tel: +44 1224 616170 email: Nicola.bannigan@dana-petroleum.com

Seabed Activity

First Published: 25 August 2016 | **Latest Update: 25 August 2016**

Devenick S2 Well – Wellhead Removal Operations

TAQA plugged and abandoned the Devenick S2 well at the end of 2015. To complete the abandonment, TAQA plan to undertake removal of the Devenick S2 (9/29a-2Z) wellhead, utilising the multipurpose offshore vessel Seven Viking. To enable removal of the guide base and wellhead, the surface suspended casing strings will be severed using explosive shock wave technology in the Devenick field. Following the severance of the wellhead, it will be lifted from the seabed onto the vessel and returned to shore.



Vessel	Installation / Well No	Position	Start / Finish	Duration
Seven Viking	Devenick S2 well Well 9/29a-2z	59°09.759'N 001°37.086'E	24/08/2016 – 28/08/2016	4 Days

For further information: Bill Bavidge, TAQA Bratani, Tel: +441224737534, email: Bill.Bavidge@taqaglobal.com

Seabed Activity

First Published: 21 May 2014 | **Latest Update: 23 August 2016**

Edradour / Glenlivet Field Development – Construction Activities

Please note that TEPUK have two new permanent subsea 500m safety zones which come into effect 14 July 2015 at Edradour & Glenlivet.

The construction vessel MV Deep Energy, Call Sign: C6YL2, is currently in-field.
The survey/support vessel MV Siem Daya 2, Call Sign: 5BZQ3, is currently in-field – FLO onboard.
The survey/support vessel MV Normand Reach, Call Sign: LAXG7, is due in-field 28th August
The rock dumper MV Nordnes, Call Sign: PHOG, is currently in-field.
The rock dumper MV Stornes, Call Sign: PCXK, is currently in-field.



MV Arcturus (INS167), Call Sign: ZNXF8, is acting as guard vessel part way between Edradour & Edradour PLEM at the following location: 60° 55.39' N 02° 23.73' W
MV Maggie M MBE (SH170), Call Sign: MJDL4, is acting as guard vessel part way between Edradour & Glenlivet at the following location: 61° 00.28' N 02° 09.16' W
MV Virtuous (FR253), Call Sign: 2DSR6 is acting as guard vessel part way between Edradour Tees & Laggan at the following location: 60° 55.87' N 02° 42.99' W

Oil and Gas Oil and Gas Oil and Gas

Area 1

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Area	Block	Coordinates
Glenlivet	UKCS 214/30a	61°04.600'N 02°05.010'W
Edradour	UKCS 206/4a	60°56.040'N 02°14.010'W
Edradour PLEM	UKCS 206/4a	60°54.660'N 02°32.260'W
Laggan	UKCS 206/4a	60°56.670'N 02°53.620'W

TEPUK have deployed a Metocean Buoy at the following location which will be on location until Sep 2016. It is yellow in colour with a radar reflector and has a yellow light flashing every 20 seconds.

Ed/Glenlivet Metocean Buoy: 60° 59.22' N 02° 18.15' W

For further information: Luis McArthur, Total, Tel:01224 297903 email: Luis.mcarthur@total.com

Seabed Activity

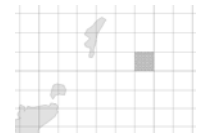
First Published: 24 March 2016 | Latest Update: 25 August 2016

Mariner – Pipeline Works UKCS 9/11a

Please be advised that a number of works are taking place for the Mariner Field development.

The remaining activities in 2016 are as follows:

Activity	Vessel & Call Sign	Position	Date / Duration	Comments
IMR survey at Mariner B and works at STL Buoy	Rem Ocean LFNI	59°36.481'N 01°04.583'E And 59°36.308'N 01°03.363'E	2nd Sept for 3 days	Mostly within existing safety zones.
Mooring of floating storage unit at the STL buoy	Mariner B LDFT3	59°36.481'N 01°04.583'E	From Sept 2016	Within existing safety zone of the submerged buoy. The Mariner B vessel will have an additional safety zone.
Location of jack-up drilling unit alongside the PDQ Platform Jacket.	Noble Lloyd Noble D5EM7	59°35.308'N 01°03.363'E	October 2016 to July 2017	Within existing safety zone of the PDQ jacket. The Noble Lloyd Noble will have an additional safety zone



For further information: Ray Wells, Statoil, Tel:07771 918018, email: rawe@statoil.com or Remi Arne Larsen, Statoil, tel: 07889 807954, email: remi@statoil.com

Seabed Activity

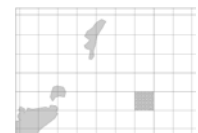
First Published: 28 July 2016 | Latest Update: 19 August 2016

Brae Alpha to West Brae and Sedgewick – Replacement Umbilical

the replacement umbilicals for West Brae and Sedgewick have been installed and trenched.

Tie-in activities will now commence 22nd October 2016.

Activity	Vessel & Call Sign	Brae Alpha Platform	West Brae Manifold	Sedgewick Well V1	Date / Duration
Umbilical pull-in & lay	North Sea Giant 9HA1237	58°41.567'N 01°16.917'E	58°45.783'N 01°12.950'E	58°46.733'N 01°11.533'E	
Umbilical Trench	Deep Cygnus	58°41.567'N 01°16.917'E	58°45.783'N 01°12.950'E	58°46.733'N 01°11.533'E	
Umbilical tie-ins	Orelia V7GY7	58°41.567'N 01°16.917'E	58°45.783'N 01°12.950'E	58°46.733'N 01°11.533'E	22 Oct 2016 6 Days



For further information: John Colegrave, Marathon International Oil (GB) Ltd, Tel: +44 (0)1224 803416 email: jcole@marathonoil.com

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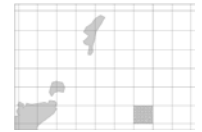
Seabed Activity

First Published: 11 August 2016 | **Latest Update: 11 August 2016**

Balmoral Field – Well Intervention

Premier Oil will carry out well intervention operations at one of the satellite wells in their Balmoral field.

Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
WellOps Well Enhancer	16/21-3st	58°13.725'N 001°05.157'E	20 th August 2016	30 Days



For further information: Ian MacFarlane Premier Oil, Tel: +44(0)20 7730 1111 email: imacfarlane@premier-oil.com

Seabed Activity

First Published: 28 July 2016 | **Latest Update: 28 July 2016**

Telford Pigging Project – Phase 2

As part of the above project, Nexen Petroleum U.K. Limited (Nexen) is undertaking a subsea intervention campaign in the Telford Area (blocks 15/21a and 15/22 approximately 10km south of the Scott Field) commencing 29th August 2016.

This subsea intervention campaign will consist of the following activities:

- The replacement of a section of 8" production pipeline;
- Additional deposits at the locations listed below.

The pipeline works will be carried out totally within a HSE recognised 500m safety zone at Marmion /West Telford Manifold (SI 1997/735).

Primary Locations within the Safety Zone:

Location	Coordinates
North Tie In	58°14.303'N 000°12.469'E
Barred Tee	58°14.295'N 000°12.471'E
West Tie In	58°14.290'N 000°12.458'E
South Tie In	58°14.286'N 000°12.494'E

Primary Locations for the subsea deposit works:

Location	Coordinates
Area 1	58°16.357'N 000°12.456'E
Area 2	58°15.189'N 000°12.454'E
Area 3	58°15.134'N 000°12.459'E
Area 4	58°13.964'N 000°12.602'E
Area 5	58°16.422'N 000°12.409'E

The above work will be undertaken by the Seven Falcon (DSV) over a 14 day period commencing on 29th of August 2016.

For further information: : Ian Murphy, Tel: +44 (0)1224 371733 email: ian.murphy@nexencnooclt.com

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Seabed Activity

First Published: 15 June 2016 | **Latest Update: 26 July 2016**

Laggan / Tormore Yell Sound Shetland – Overtrawlability Sweeps

Overtrawlability sweeps are now complete in the following area. TEPUK in discussion with SFF / SFA regarding results, please continue to exhibit caution in this area:

60°45.280'N 001°15.010'W 60°29.050'N 001°15.310'W



For further information: Luis McArthur, Total, Tel: 01224 297903 email: Luis.mcarthur@total.com

Seabed Activity

First Published: 21 April 2015 | **Latest Update: 13 July 2016**

Harding Field – Construction Activities

TAQA Bratani Ltd wish to advise that they are planning construction activity in the Harding Field, Block 9/23b, in the period June – September 2016. The existing STL oil loading system is being decommissioned and a new Offshore Loading System is being installed. The existing STL safety 500m zone will be revoked and a new OLS safety 500m zone, centred at the OLS Base, has come into force in July 2016.



The construction work will involve diving and ROV operations and tow of the new OLS to the field; the tow of the redundant STL buoy from the field has been completed on 16 June, and tie-in of the OLS to the pipeline was completed on 10 July. The remaining work will be around the existing STL suction anchors;

Location	Coordinates
PLEM	59°16.591'N 01°32.940'E
OLS base	59°16.669'N 01°32.899'E

Location	Coordinates
Anchor 1	59°16.923'N 01°32.856'E
Anchor 2	59°16.890'N 01°33.367'E
Anchor 1	59°16.676'N 01°33.687'E
Anchor 4	59°16.411'N 01°33.619'E
Anchor 5	59°16.247'N 01°33.200'E
Anchor 6	59°16.280'N 01°32.685'E
Anchor 7	59°16.497'N 01°32.361'E
Anchor 8	59°16.763'N 01°32.433'E

The vessel activity plan is:

Vessel	Activity	Planned Date
DSV Seven Pelican	Preparatory work for STL and suction anchor removal	Completed
AHT Far Sapphire	Remove STL buoy and moorings, tow STL to port	Completed
CSV Seven Waves	Install OLS base, remove STL moorings and install OLS	Completed
AHT Far Scorpion	Tow OLS from port (Bergen) and install OLS	Completed
DSV Seven Pelican	Tie-in OLS to PLEM and pre-commission OLS	Completed
CSV Normand Oceanic	Remove STL suction anchors	24 Aug – 04 Sept

For further information: Ronnie Toal, TAQA Bratani Ltd, Tel: 01224 737530, email: ronnie.toal@taqaglobal.com

Area 1

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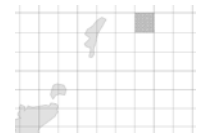
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Seabed Activity

First Published: 21 May 2014 | **Latest Update: 26 July 2016**

Ellon & Grant Life Extension Project – New Umbilical

TEPUK have completed emplacement of a new umbilical between Dunbar Platform and Ellon / Grant subsea 500m zone in 2015. Currently awaiting results to prove successful final installation



Please avoid the area during this time.

Block 3/14a to 3/15b **Coordinates** 60°37.730'N 01°39.050'E to 60°35.840'N 01°48.330'E

For further information: Luis McArthur, Total, Tel:01224 297903 email: Luis.mcarthur@total.com

Seabed Activity

First Published: 24 March 2016 | **Latest Update: 23 July 2016**

Martin Linge Project – NOCS Blocks 30/4 & 30/7a

Total Norway have activities solely within the Norwegian Sector for the Martin Linge Project which are included here for information.



April / May 2016

- Temporary wet storage of FSO anchor lines followed by piling and installation of anchor system.
- All within 1.1km of the following location: 60°29.87'N 02°04.42'E

June / July 2016

- Tow of STL buoy to the FSO location and tie-in of mooring lines.
- A safety zone will be established once the STL buoy is installed. All within 1.1km of the following location: 60°29.87'N 02°04.42'E

August / September 2016

- Installation & Trenching of power cable between Martin Linge Platform & FSO/STL Buoy.
- Installation of 3 dynamic risers to the STL Buoy.
- Temporary wet storage of protection structures within ML & FSO safety zones.
- Tie-in of infield pipelines between FSO riser(s) and ML platform riser(s).
- Protection of exposed part on the seabed by use of protection structures and/or rock dumping.

These activities are between the following locations: 60° 30.34' N 02° 00.79' E and 60° 29.87' N 02° 04.42' E. A guard vessel will be present in the area until the FSO arrives in late 2017.

From 15th July 2016 Total Norway will have a new 500m radius safety zone at the STL buoy centred on the following location: 60° 29.87'N 02° 04.42'E

For further information: Luis McArthur, Total, Tel:01224 297903 email: Luis.mcarthur@total.com

Seabed Activity

First Published: 14 July 2016 | **Latest Update: 14 July 2016**

Lancaster Well – Drilling Operations & Rig Anchors

Please note the drilling activity below – **care should be exercised due to the 8 anchors and pennants surrounding the rig.**



Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
Transocean Spitzbergen	Lancaster	60°11.959'N 003°51.843'W	1 July 2016	TBA

For further information: Mark Ryan, Petrofac, Email: Mark.Ryan@petrofac.com

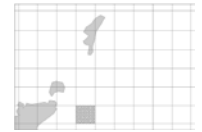
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Seabed Activity

First Published: 27 June 2016 | **Latest Update: 30 June 2016**

Captain Oil Field (Blackford Dolphin) – Drilling Operations

The Blackford Dolphin is due to move to Captain B13 and B30 (24m apart) drilling locations (Block No. 13/22) mobilising from the 12th July 2015 for a period of approximately 3-6 months. The rig will skid between the locations and both locations are within an existing 500m safety at the Captain Oil Field.



Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
Blackford Dolphin	Captain B13 / B30	58°18.022'N 001°42.503'W 58°18.029'N 001°42.483'W	12 July 2016	3-6 months

For further information: Anatec Ltd, Tel: 44 (0) 1224 253700, Email: aberdeen@anatec.com

Seabed Activity

First Published: 24 March 2016 | **Latest Update: 10 June 2016**

Moray Firth – Noss Head

Air diving operations at the locations below will take place from the Vessel Mv Teal with support from the AHT Shuna from 27th June 2016 for approx. 7 days.

Coordinates

58°27.852'N 003°02.910'W
58°27.851'N 003°02.910'W
58°27.840'N 003°02.935'W
58°27.836'N 003°02.942'W



The coordinates above denote the ends of 4 x 273mm cable ducts protruding approximately 1m above the seabed. The ducts will remain exposed until the CMS cable is installed and works are completed in September 2017.

For further information: Richard Creed, ABB Tel: +44 7802 225532 email: Richard.creed@se.abb.com

Seabed Activity

First Published: 10 June 2016 | **Latest Update: 10 June 2016**

Western Isles FPSO – Installation of Piles

Dana are planning to undertake the installation of the three remaining piles for the Western Isles FPSO.

The earliest start date for operations to commence is 1st July 2016 and it is expected to take approximately 25 days to complete. For the purposes of the Marine Licence permit we have included an end date of 31st October 2016 to account for any weather/ operational delays. There will be two vessels undertaking the work: Seven Waves construction vessel and the Siem Opal supply vessel. The co-ordinates for the proposed operations are listed below:



- 61°13.598'N 000°45.565'E
- 61°13.590'N 000°45.620'E
- 61°13.536'N 000°45.883'E

For further information: Nicola Bannigan, Dana Petroleum Limited, Tel: +44 1224 616170, Email: nicola.bannigan@dana-petroleum.com

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Notice to Fishermen

First Published: 25 August 2016 | Latest Update: 25 August 2016

Fishing Hazard near Buzzard – Cement Block



Please note that a Cement Block (1.5 metres long) Located 2NM of Buzzard Platform

Position: 57°49.735'N 001°02.347'W



For further information: Brian Bettie, Nexen Petroleum UK Ltd, Tel: +44(0)1224 371347 email: brian.beattie@nexencnooltd.com

Notice To Fishermen

First Published: 28 July 2016 | Latest Update: 28 July 2016

Suspended Wellheads – Structures On the Seabed



Please be advised that the suspended wellhead below, should be added to your Kingfisher Yellow Card Edition July 2016.

Structure	Operator	Position
21/19-13	Enquest PLC	57°22.931'N 000°43.018'E



For further information: Marcelle Wynter, DECC, Tel: 0300 067 1616 email: Marcelle.wynter@oga.gsi.gov.uk

Seabed Activity

First Published: 12 August 2016 | Latest Update: 24 August 2016

Greater Stella Area Development – Arrival of FPV

Ithaca Energy UK Ltd is currently developing the Stella Field and FPF-1 FPV in Block 30/6A of the UK Continental Shelf.

Ithaca Energy advises that the Stella oil export pipeline shall be installed during a campaign commencing on 19th August 2016 for approximately 33 days using the Apache II, EDT Hercules and the Normand Progress Vessels. The pipeline is 43km in length. The pipeline will be laid from the SAL location to the Southern Wye structure. There will also be 3 guard vessels on location throughout the pipelay route, namely the Ocean Trust, Shalanna and Elegance. The guard vessels will be infield from 19th August for approximately 33 days.



Along with the pipelay work on-board the Apache II there will be trenching and backfilling works completed by the Normand Progress. The EDT Hercules will also be providing support to the Apache II and conducting survey works. There will be riser installation works commencing on the 24th August at the FPF-1 location with an expected duration of 16 days. The vessel being used for these works is the North Sea Giant.

Diving works will also commence on the 8th September for approximately 34 days. The majority of the operations will be completed at the FPF-1 (Export Riser Base) and some work at the SAL location.

Vessel	Coordinates
FPF-1	56°46.846'N 002°06.542'E
Stella SAL Base	56°30.194'N 002°24.049'E
Southern Wye Structure	56°30.228'N 002°24.054'E
Guard Vessel 1	56°46.000'N 002°12.425'E
Guard Vessel 2	56°41.613'N 002°23.587'E
Guard Vessel 3	56°33.979'N 002°24.761'E

For further information: Keith Stewart Tel: 01224 652184 Email: kstewart@ithacaenergy.com

Area 2

25 August 2016 | Issue 18

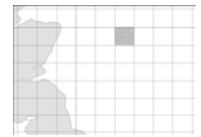
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Seabed Activity

First Published: 25 August 2016 | **Latest Update: 25 August 2016**

Culzean Field – Maersk Drilling

The Maersk Oil North Sea Ltd. Culzean Project in conjunction with Maersk Drilling plan to move the "Maersk Highlander" HDJU rig to the Culzean Field Development Area (Block 22/25A)



The planned move of the Maersk Drilling "Maersk Highlander" HDJU rig is due to commence on w/c 22nd August 2016, with arrival and spudding on the Culzean field location by w/c 5th September. This HDJU rig shall be located in the Culzean field for a period of approximately 5 years and will spud adjacent to the existing Culzean Wellhead Jacket structure. Once established, the HDJU rig will have a 500m safety zone established for the duration of the works around the platform centre coordinates as detailed below:

Location	Coordinates
Maersk Drilling Highlander HDJU Rig Centre	57° 11.565' N 01° 54.645' E
Culzean Wellhead Jacket Structure	57° 11.547' N 01° 54.679' E

The UK Hydrographic Office has been informed and the Admiralty Charts for this development area location shall be updated to include the HDJU Rig location and established safety zone.

For further information: Max Ferran, Tel: +44 (0) 1224 242858, Email: max.ferran@maerskoil.com www.maerskoil.com

Seabed Activity

First Published: 03 March 2014 | **Latest Update: 23 August 2016**

Montrose BLP Project – Development Operations



Offshore campaigns currently in progress or upcoming;



- Prosafe Operated Safe Boreas arrived at Montrose A 14th March. Flotel will operate in Combined Operations with the Montrose installation for 9-12 months.
- Skandi Constructor - Survey Vessel – ETA in field 24th August - Geophysical/geotechnical site investigation operations inside Montrose A 500m zone. (Duration 4 days)
- Fugro Olympia- ETA in field 28th August. Survey vessel will undertake MBES & side scan sonar SSS survey, GVI operations on Montrose, Cayley, Arbroath, Arkwright and Brechin pipelines.
- (Duration 11 days)
- DSV Orelia – ETA in field 29th August. DSV will undertake node weld inspection operations inside Montrose A 500m zone. (Duration 5 days)
- DSV Seven Pelican – ETA in field 4th September. Shaw and Cayley dewater from Manifold at production drill centre to CSSIV inside Montrose A 500m zone. (Duration 10 days) .

Please note: HSE recognised 500m Safety Zone are now in force at the following:

Cayley drill centre 57°25.167'N 001°13.804'E Cayley/Montrose intermediate towhead 57°26.160'N 001°18.420'E
Shaw Production drill centre 57°17.813'N 001°21.755'E Shaw WI drill centre 57°17.369'N 001°22.299'E

Key Coordinates	
57°27.068'N 01°23.214'E	Montrose BLP (500m Safety Zone)
57°25.167'N 01°13.804'E	Cayley Drill Centre (500m Safety Zone)
57°25.924'N 01°17.332'E	44" Langed Crossing – located between Montrose BLP and Cayley Drill Centre– Fishing Hazard stay clear (concrete mattresses)
57°26.671'N 01°20.804'E	24" GAEL Crossing - located between Montrose BLP and Cayley Drill Centre– Fishing Hazard stay clear (concrete mattresses)
57°17.813'N 01°21.755'E	Shaw production Drill Centre
57°17.369'N 01°22.299'E	Shaw Water Injection Drill Centre
57°25.757'N 01°22.760'E	24" GAEL crossings- located between Montrose BLP and Shaw Production Drill Centre –

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	Fishing Hazard stay clear (concrete mattresses)
57°27.054'N 01°22.987'E	14" Forties Crossings- located between Montrose BLP and Shaw Production Drill Centre (inside Montrose 500m zone)
57°22.000'N 01°20.25'E	CATS T2

For further information: Lilla Onodi, Talisman, Tel+44 (0)1224 358867 email: LOnodi@talisman-sinopec.com

Seabed Activity

First Published: 19 May 2016 | Latest Update: 24 August 2016

Janice, James and Affleck Fields – Decommissioning

Maersk Oil UK Ltd have commenced decommissioning activities associated with the removal of the Janice 'A' FPU in Block 30/17a of the UK Continental Shelf.

In September 2016 the FPU moorings and anchors will be disconnected and recovered and the FPU towed from location. The Janice Drill Centre location will be cleared of all pipelines and umbilicals, leaving only the subsea wells which will be plugged and abandoned commencing October/November 2016.

Subsea facilities recovery operations will be performed from the Maersk Achiever (call sign OXGX2) with additional tugs mobilising to the field to perform the FPU disconnection and towing operations.

A summary of the current/upcoming activities is as follows:



Facility / Installation	Block	Coordinates	Activity	Schedule
Janice 'A' FPU	30/17a	56° 23.876' N 02° 15.004' E	Disconnection of risers and moorings - Within existing safety zone	Aug – Sep 2016
Janice 'A' FPU	30/17a	56° 23.876' N 02° 15.004' E	Recovery of FPU moorings and anchors and FPU tow away	Sept 2016
Anchor 1		56°24.505'N 02°14.799'E		
Anchor 2		56°24.520'N 02°15.007'E		
Anchor 3		56°24.511'N 02°15.106'E		
Anchor 4		56°23.984'N 02°16.138'E		
Anchor 5		56°23.876'N 02°16.140'E		
Anchor 6		56°23.807'N 02°16.159'E		
Anchor 7		56°23.258'N 02°15.117'E		
Anchor 8		56°23.242'N 02°15.003'E		
Anchor 9		56°23.259'N 02°14.801'E		
Anchor 10		56°23.762'N 02°13.805'E		
Anchor 11		56°23.872'N 02°13.840'E		
Anchor 12		56°23.993'N 02°13.860'E		
Janice Drill Centre	30/17a	56° 23.706' N 02° 15.316' E	Flushing and barrier testing; disconnection and recovery of risers, flowlines and spools; recovery of anode skids; sinking of mid-water arches - Within existing safety zones.	Aug – Nov 2016
James Drill Centre (Well P8)	30/17a	56° 21.485' N 02° 18.835' E	Recovery of spools and jumpers - Within existing safety zone	Aug – Nov 2016

For further information: Steph Kiltie, PDI Ltd, Tel +44(0)1224 562193 email steph.kiltie@pdi-ltd.com

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Seabed Activity

First Published: 24 March 2016 | **Latest Update: 05 August 2016**

Catcher Area – Development Project

Subsea construction activities on behalf of Premier Oil UK Limited on the Catcher Area Development (including the Catcher, Burgman and Varadero fields) located in block 28/9a of the UKCS 56°46.200'N 00°42.783'E



Seabed Activity

Offshore installation works in the Catcher Area Development re-commenced in April 2016. To date, the following have been successfully installed:

- six (6) drilling template structures (elevation 9.2m above seabed) at the drill centres and coordinates listed below;

Structure	Coordinates
2 x drilling template structures at Varadero drill centre Varadero Drilling Template 1: Varadero Drilling Template 2:	56°48.366'N 00°42.258'E 56°48.369'N 00°42.337'E
2 x drilling template structure at Catcher drill centre Catcher Drilling Template 1: Catcher Drilling Template 2:	56°46.277'N 00°46.299'E 56°46.321'N 00°46.296'E
2 x drilling template structure at Burgman drill centre Burgman Drilling Template 1: Burgman Drilling Template 2:	56°44.542'N 00°40.640'E 56°44.566'N 00°40.581'E

Please note; Each drill centre has an approved HSE 500m safety exclusion zone in force.

- three (3) piled gravity base structures which will later be attached to mid-water arches (buoyancy units used to support risers positioned mid-water approximately 30m below sea surface and 80m from the future FPSO location, see below). A guard vessel will monitor the mid-water structures after installation.
- three (3) 3.5km pipeline bundles have now been installed on the seabed between each Drill Centre and the future FPSO location.
- twelve (12) piled anchors with chain and wire mooring legs (in 3 groups of 4 mooring legs) extending out approximately 1000m from the future Catcher FPSO location (56°46' 12.44" N and 00°42' 46.93" E), where the mooring lines are connected to a Submerged Turret Production buoy (STP) – top of buoy at 17m water depth. Please note, the STP buoy has its own approved HSE 500m safety exclusion zone.

Once the mooring lines are installed they will be connected to a new FPSO Submerged Turret Production (STP) buoy.

The following works have commenced and will be completed during the next two months:

- Riser and umbilical installation and mattress installation within the STP 500m safety exclusion zone.
- Subsea spool installation within the Catcher Drill Centre safety zone.
- Concrete mattress installation and rock dumping over spools and risers/umbilicals.

Drilling

The ENSCO 100 HDJU will be towed from its current location at the Burgman template to Varadero template 1 mid Aug 2016 (currently scheduled for 16th August). Once the rig is located over Varadero template 1 it will remain there for a minimum period of 250 days.

Standby vessel Grampian Deliverance is monitoring the rig's 500m zone throughout all drilling operations.

Deployment of Wave-Rider Buoys

A wave rider weather buoy was deployed within the Catcher Area Development and will remain in place until 31st December 2016. The revised Wave Rider Buoy Coordinates are:

Coordinates
56°45.234'N 00°44.007'E

For further information: Mike Jordan Premier Oil, Tel: 01224 615940 email: mjordan@premier-oil.com

Area 2

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Seabed Activity

First Published: 28 July 2016 | **Latest Update: 28 July 2016**

Portgordon in Moray – Drilling Operations

Horizontal Directional Drilling at Portgordon

Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
Shuna Teal of Wick Woodstock 1		57°39.807'N 003°01.903'W 57°41.270'N 003°01.878'W	August 2016 April 2017	60 Days



For further information: Dave Gibson, ABB, Tel: +44 (0)7713 985550 email: david.gibson@gb.abb.com

Seabed Activity

First Published: 19 May 2016 | **Latest Update: 26 July 2016**

Ettrick & Blackbird Decommissioning Project – Phase 1

Nexen Petroleum U.K. Limited (Nexen) is decommissioning the Ettrick and Blackbird Fields located in Block 20/2a of the UKCS Central North Sea.

The decommissioning work will be conducted in phases and is centred on an FPSO, Aoka Mizu, which is stationed at Ettrick and will be departing the Field in Phase 1 of the project. The removal of the subsea facilities will follow during subsequent phases. On departure of the FPSO, the associated riser buoy and moorings will remain on location mid-water at a depth 25m below the surface. Planned departure of the Aoka Mizu is 31st July 2016. A guard vessel will be on station until removal of the buoy.

The pipeline works will be carried out totally within a HSE recognised 500m safety zone. Details of which are as follows: Ettrick FPSO Centre (SI 2016/309).

Location	Coordinates
Riser Buoy (Submerged at 25m once FPSO departs)	57°54.568'N 000°35.520'W



For further information: : Ian Murphy, Tel: +44 (0)1224 371733 email: ian.murphy@nexencnoocld.com

Seabed Activity

First Published: 14 July 2016 | **Latest Update: 14 July 2016**

ETAP Area – New 35km Umbilical (to be trenched)

Please note a new 35km 109mm OD umbilical has been laid between the ETAP CPF platform 500m safety zone 57°17.434'N 001°39.774'E) and the Machar Drill Centre 500m safety zone (57°04.790'N 002°04.857'E).

The new umbilical is to be trenched along its entire length, apart for approximately 350m where it crosses the existing Scoter pipeline & umbilical which will be protected with a rock berm. These trenching and rock berm installation activities will be undertaken over the next 6 weeks by the Fugro Saltire and Rockpiper vessels respectively.



For further information: Jonny McKane, BP, Direct: +44 (0)1224 835642, Mobile: +44 (0)7768 045157

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Seabed Activity

First Published: 16 June 2016 | **Latest Update: 16 June 2016**

Kittiwake – Scolty Crathes Development

 [Map Link](#)

Please be advised that 500m safety zones in place at both the Scolty & Crathes Drill Centres. In total there will be approximately 25km of an 8" with a 4" Piggyback and 26km of Control Umbilical. Within the Kittiwake 500m zone there will be an SSIV and a manifold at each drill centre to connect the Trees to the Pipelines.



Installation	Coordinates
Kittiwake	57°28.061'N 00°30.633'E
Crathes Proposed	57°35.505'N 00°22.959'E
Scolty Proposed	57°40.139'N 00°25.297'E

Schedule	Vessel	Date / Duration
Survey Vessel	EDT Hercules	15/06/16 – 22/07/16
Pipelay	Apache II	15/06/16 – 26/06/16
Trenching & Backfilling	Normand Ranger	16/06/16 – 08/07/16
Umbilical Lay	Apache II	04/07/16 – 15/07/16
DSV 1 Tie-in, Leak-testing & Commissioning		
Rockdumping		August / September

For further information: Mark Toshney, Enquest Plc, Tel: +44(0)1224 975000 email: Mark.Toshney@enquest.com

Seabed Activity

First Published: 02 June 2016 | **Latest Update: 02 June 2016**

Pierce Field – Mooring System Upgrade

The operation will consist of the upgrade of the mooring system of the Haewene Brim FPSO. It will take place in Blocks 23/22a and 23/27a of the central North Sea. The Pierce Haewene Brim FPSO is located at 57°09.647'N 002°17.586'E, 247 km from the UK coastline, 3 km from the UK/Norwegian median line.



The mooring system replacement project will take place in two phases, one in 2016 and one in 2017. The 2016 phase will commence on 29th of May 2016 and will last till the end of August 2016. This phase will include installation of all eight new piles, with already pre attached bottom chains for all eight lines, and the installation of the lower wires, middle chains, buoys and upper wires of the first five replacement chains. The 2017 phase will include replacement and installation of the lower wires, middle chains, buoys and upper wires for the remaining three chains.

Around 12th of July, the Island Valliant vessel, will arrive offshore to install KDM wires, until completion at the end of August 2016 (also weather dependent). During the mooring lines and wires installation, the Haewene Brim FPSO will be assisted with heading control tug vessel. Platform supply vessels will also be in the field when required.

The 2016 phase will result in 8 old piles remaining on the seabed, but within perimeters of the new mooring system, 8 new piles being installed with 5 new lines being connected to the FPSO, and 5 old lines being wet deposited till 2017 scope, also within the perimeters of the new mooring system. New piles will be driven down below the seabed which will eliminate additional snagging hazard.

Pile	Existing Location	Proposed Location
1	57°10.336'N 002°17.480'E	57°10.399'N 002°17.530'E
2	57°09.994'N 002°18.188'E	57°10.027'N 002°18.304'E
3	57°09.614'N 002°18.485'E	57°09.593'N 002°18.611'E
4	57°09.231'N 002°18.202'E	57°09.168'N 002°18.264'E
5	57°09.070'N 002°17.504'E	57°09.001'N 002°17.466'E
6	57°09.223'N 002°16.800'E	57°09.190'N 002°16.684'E
7	57°09.603'N 002°16.502'E	57°09.624'N 002°16.376'E
8	57°10.118'N 002°16.537'E	57°10.181'N 002°16.490'E

For further information: Estera Zak, Shell UK Ltd, Tel: +44 01224 881719 email: estra.zak@shell.com

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Seabed Activity

First Published: 25 August 2016 | **Latest Update: 25 August 2016**

Bacton to Hewitt – Pipeline Spans



New pipeline spans discovered on ENI's Bacton to Hewitt pipeline (Approx. 8.5nm offshore). Please exercise caution.

Span	Position	Length / Height
Span 1	52°59.466'N 001°34.373'E to 52°59.445'N 001°34.327'E	65 m x 1.7 m
Span 2	52°59.618'N 001°34.695'E to 52°59.606'N 001°34.664'E	23 m x 0.7 m



For further information: *Kingfisher* – details in footer

Seabed Activity

First Published: 11 August 2016 | **Latest Update: 11 August 2016**

NE Kellet Gut Goodwin Sands – Diving Operations

Diving operations are due to take place over the wreck of the Rooswijk between the 5th September 2016 and the 14th September 2016. The operation is being undertaken on behalf of Historic England and Rijksdienst Voor het Cultureel Erfgoed.

Position	Start / Finish	Duration
51°16.443'N 001°34.537'E	05/09/16	9 Days



The dive support vessel Coastal Guardian will, subject to weather, maintain station on a two point mooring for the duration of the operation. Passing traffic is requested to give a wide berth.

For further information: *Mark James at MSDS Marine - Tel:07917 703176 email: mark@msdsmarine.co.uk*

Seabed Activity

First Published: 20 June 2016 | **Latest Update: 29 June 2016**

Perenco Thames Field – Decommissioning Operations

Perenco UK Ltd will be performing decommissioning operations at the Thames Field in the Southern North Sea. The Thames Field is located two nautical miles west of the Deep Water Route (DWR) via the DR1 light buoy.

The operation is due to commence 20th June 2016, and is scheduled to be completed by 30th September 2016. It will be undertaken by a heavy lifting vessel (HLV) operating alongside the existing Thames platform, which has a statutory 500m safety zone. The HLV will be anchored inside the 500m safety zone during the operation, with the anchor lines extending outside the 500m safety zone.

A barge will be at the Thames Field for offloading of the decommissioned structures and transportation back to port. The barge will be assisted by two tugs to manoeuvre into position alongside the HLV when required. Details of the Thames Decommissioning Operation are presented below:

Location Name: Thames UK Licence Block: 49/28A
 Platform Co-ordinates: 53° 04.98' N 002° 32.74' E
 Start Date: 20th June 2016 End Date: 30th September 2016
 HLV Name: Rambiz or Taklift 4 ERRV: On-Site Safety Zone: 500 metre radius



For further information: *Anatec Limited, Tel: +44 1224 253700, Email: aberdeen@anatec.com*

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Seabed Activity

First Published: 28 July 2016 | **Latest Update: 28 July 2016**

Liverpool Bay – Drilling Operations

Petrofac drilling operations

Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
Irish Sea Pioneer	Lennox 110/15L	53°37.881'N 003°10.595'W	28/07/16	60 Days



For further information: Dave Smith, Petrofac, Tel: +44 1224 247141 email: david.k.smith@petrofac.com

Seabed Activity

First Published: 28 July 2016 | **Latest Update: 28 July 2016**

Morecambe Field – Millom West Fabric Maintenance Campaign

The Seajacks Hydra jack up accommodation barge will be located alongside the Millom West Platform (linked via bridge access) for Fabric Maintenance works on the platform which are due to be completed by end September, when the Hydra will depart the field. The barge will be located on site via 4 legs on the sea bed.

Location Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
Millom West	Millom 113/26a	54°01.621'N 003°51.605'W	01/08/16	45 Days
Seajacks Jack-Up		53°57.670'N 003°40.296'W	01/08/16	45 Days



For further information: Shona Jones, Centrica Exploration & Production, Tel: +44(0)7557 619262 email: shona.jones@centrica.com

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Seabed Activity

First Published: 25 August 2016 | **Latest Update: 25 August 2016**

Transocean Winner Rig - Refloated

 [Map Link](#)

After spending two weeks grounded on a beach in Scotland, the Transocean Winner drilling rig was successfully refloated in Dalmore Bay.

58°16.110'N 006°13.133'W

The rig will remain there until it is in a stable and fit condition to be towed or transported to a suitable repair facility.



For further information: Andy Simpson, Transocean, Tel: +44(0)1224 944 178 email: andy.simpson@deepwater.com

Deployment of Buoys

First Published: 25 August 2016 | **Latest Update: 25 August 2016**

Isle of Mull near Bloody Bay – Moorings

Marine research activities intended in / near Bloody Bay, Isle of Mull, and adjacent areas in the Sound of Mull from 31st August to 20th October 2016. The work will be undertaken by the Scottish Association for Marine Science and involves deploying and recovering an array of moorings, including three 800-m long mooring lines and six solitary moorings. All equipment will be removed by the end of the research period.



Point	Position	Name
1	56°39.363'N 006°07.718'W	Ardmre Point
2	56°40.958'N 006°08.514'W	Sron Beag
3	56°40.763'N 006°01.821'W	Maclean's Nose
4	56°38.984'N 006°00.258'W	Auliston Point
5	56°38.326'N 006°03.988'W	Rubhn nan Gall Lighthouse

For further information: Dr Steven Benjamins, SAMS, Tel: +44(0)1631 559449 E-mail address: Steven.Benjamins@sams.ac.uk <http://www.sams.ac.uk>

Extra...

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Area 1 – Rig List

Latest Update: 22 August 2016

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Byford Dolphin	58°07.60'N 01°28.00'E		Maersk Intrepid	60°30.30'N 02°00.80'E
	West Alpha	58°17.00'N 02°02.60'E		Borgsten Dolphin	60°37.66'N 01°39.29'E
New	Blackford Dolphin	58°18.10'N 01°42.40'E		Safe Scandinavia	60°41.90'N 02°55.90'E
	Maersk Integrator	58°34.30'N 01°41.80'E		Flotel Victory	60°44.20'N 02°29.90'W
	Deepsea Atlantic	58°50.00'N 02°32.90'E		COSL Promoter	60°48.50'N 03°33.30'E
	Rowan Viking	58°50.60'N 02°14.90'E	New	Stena Don	60°50.70'N 03°37.60'E
	Sedco 704	59°17.20'N 01°01.70'E		West Epsilon	60°51.20'N 02°38.50'E
	Wilphoenix	59°22.40'N 01°40.10'E		Songa Equinox	60°53.30'N 03°33.90'E
	Ocean Patriot	59°33.40'N 01°24.00'E		West Elara	61°02.30'N 02°20.30'E
	Transocean Leader	59°53.50'N 01°12.30'E	New	Songa Dee	61°04.20'N 02°06.40'E
	Transocean Spitsbergen	60°12.00'N 03°51.70'W		Ocean Guardian	61°11.80'N 00°43.80'E
New	Deepsea Aberdeen	60°22.10'N 04°01.30'W	New	Borgland Dolphin	61°13.30'N 03°26.40'E
	Transocean Arctic	60°25.50'N 03°01.30'E	New	Songa Delta	64°19.00'N 07°09.40'E

Area 2 – Rig List

Latest Update: 22 August 2016

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	EnSCO 71	55°28.80'N 05°06.60'E		Maersk Gallant	56°43.80'N 02°38.80'E
	Noble Sam Turner	55°38.40'N 04°53.10'E		EnSCO 100	56°44.60'N 00°40.70'E
	Seafox 5	55°46.10'N 04°38.90'E	New	FPF1	56°46.90'N 02°06.50'E
	EnSCO 121	55°52.90'N 04°14.00'E		Paul B Loyd Jr	56°50.70'N 02°10.10'W
New	Maersk Resilient	55°34.70'N 04°45.60'E		Rowan Gorilla 5	56°57.55'N 01°48.33'E
	Stena Spey	56°11.90'N 02°45.80'E		Prospector 1	56°57.96'N 01°52.10'E
	Maersk Resolve	56°14.80'N 03°57.60'E		GSF Galaxy 1	57°00.79'N 01°50.37'E
	Maersk Innovator	56°22.60'N 03°15.50'E		Prospector 5	57°00.80'N 01°50.50'E
	Maersk Giant	56°29.00'N 04°54.70'E		Noble Hans Deul	57°01.90'N 01°57.30'E
	Rowan Gorilla 6	56°31.20'N 03°13.30'E		EnSCO 120	57°57.70'N 00°55.00'W
	COSL Rival	56°41.80'N 02°20.30'E			

Area 3 – Rig List

Latest Update: 22 August 2016

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Paragon C461	52°21.20'N 03°35.10'E		GMS Endurance 6101	54°12.20'N 02°27.10'E
	Seafox 4	53°03.20'N 02°11.30'E		Paragon HZ1	54°17.30'N 02°28.20'E
New	590021	53°14.00'N 03°14.50'E		Seafox 1	54°27.00'N 02°28.90'E
	EnSCO 92	53°19.70'N 02°21.80'E		Seafox 2	54°34.10'N 02°18.10'E
	Swift 10	53°35.80'N 02°41.80'E		EnSCO 102	54°34.20'N 02°17.60'E
	Seajacks Leviathan	53°57.70'N 04°29.70'E		EnSCO 80	54°36.00'N 02°11.80'E
	EnSCO 122	53°58.00'N 04°27.60'E		Seafox 7	54°34.20'N 02°17.50'E

Area 5 – Rig List

Latest Update: 22 August 2016

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Irish Sea Pioneer	53°37.80'N 03°10.60'W			

Extra...

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Rig anchors may extend over one mile from rig positions; anchor buoys are not always deployed. There may be additional structures called anchor pennants, deployed up to 200 metres from each anchor. In the interests of safety and to avoid fishing gear damage, fishing close to, or within anchor patterns, should be avoided. Fishermen may contact the installation or the ERRV (standby vessel) for positions of the anchors.

Area 1 – Anchor List

| Latest Update: 11 August 2016

Deepsea Aberdeen – As-Laid At Schiehallion North Drill Centre

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	60°22.116'N 04°01.578'W	3	60°23.568'N 04°02.880'W	6	60°21.630'N 03°58.530'W
1	60°21.792'N 04°03.738'W	4	60°23.634'N 04°00.588'W	7	60°21.090'N 04°00.402'W
2	60°23.136'N 04°05.646'W	5	60°22.698'N 03°58.590'W	8	60°20.580'N 04°02.406'W

Anchors still on seabed At Schiehallion North West Drill Centre

Anchor No.	Position	Anchor No.	Position
5	60°23.358'N 04°02.580'E	7	60°21.288'N 04°05.664'E
6	60°21.906'N 04°02.946'E	8	60°21.456'N 04°07.614'E

Sedco 704 – At Skipper

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	59°17.172'N 01°01.610'E	3	59°17.760'N 001°01.155'E	6	59°16.943'N 001°02.727'E
1	59°16.943'N 001°00.462'E	4	59°17.743'N 001°02.061'E	7	59°16.602'N 001°02.054'E
2	59°17.400'N 001°00.471'E	5	59°17.397'N 001°02.726'E	8	59°16.596'N 001°01.157'E

Transocean Spitsbergen – At well 205-21a-7

Anchor No.	Anchor Position	Laydown Pennant s	Anchor Position	Laydown Pennant s
Rig	60°11.959'N 03°51.841'W			
1	60°11.995'N 003°53.618'W	60°11.998'N 003°53.953'W	5	60°11.918'N 003°50.052'W
2	60°12.593'N 003°53.075'W	60°12.727'N 003°53.315'W	6	60°11.324'N 003°50.619'W
3	60°12.844'N 003°51.755'W	60°13.016'N 003°51.743'W	7	60°11.074'N 003°51.924'W
4	60°12.572'N 003°50.567'W	60°12.704'N 003°50.319'W	8	60°11.346'N 003°53.111'W

Blackford Dolphin – Proposed Anchor Pattern Captain B

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	58°18.068'N 01°42.385'W	3	58°18.848'N 01°42.722'W	6	58°17.313'N 01°42.487'W
1	58°18.242'N 01°44.020'W	4	58°18.667'N 01°41.467'W	7	58°17.063'N 01°42.490'W
2	58°18.645'N 01°43.547'W	5	58°18.880'N 01°40.668'W	8	58°17.458'N 01°43.967'W

Captain FPSO

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	58°18.296'N 01°44.658'W	3	58°18.527'N 01°42.618'W	6	58°17.565'N 01°41.680'W
1	58°18.158'N 01°43.413'W	4	58°18.415'N 01°41.875'W	7	58°17.398'N 01°42.393'W
2	58°18.395'N 01°43.125'W	5	58°17.930'N 01°41.290'W	8	58°17.655'N 01°43.442'W

Glen Lyon – FPSO

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	60°21.383'N 04°04.071'W	7	60°20.531'N 04°03.269'W	14	60°21.054'N 04°05.849'W
1	60°21.811'N 04°02.375'W	8	60°20.516'N 04°03.331'W	15	60°21.084'N 04°05.872'W
2	60°21.779'N 04°02.349'W	9	60°20.506'N 04°03.393'W	16	60°22.223'N 04°04.934'W
3	60°21.755'N 04°02.298'W	10	60°20.493'N 04°03.449'W	17	60°22.236'N 04°04.873'W
4	60°21.720'N 04°02.297'W	11	60°20.955'N 04°05.765'W	18	60°22.253'N 04°04.808'W
5	60°21.691'N 04°02.274'W	12	60°20.987'N 04°05.792'W	19	60°22.264'N 04°04.737'W
6	60°20.534'N 04°03.198'W	13	60°21.019'N 04°05.824'W	20	60°22.278'N 04°04.675'W

 Map Link

Extra...

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Ocean Valiant – Pre-Laid At Bagpuss Well

Anchor No.	Chain Pennant	Chain End	Anchor
1	58°12.450'N 01°10.240'W	58°12.420'N 01°10.380'W	58°12.180'N 01°11.590'W
2	58°12.510'N 01°10.220'W	58°12.540'N 01°10.360'W	58°12.800'N 01°11.540'W
3	58°12.600'N 01°10.110'W	58°12.670'N 01°10.170'W	58°13.280'N 01°10.650'W
4	58°12.580'N 01°09.980'W	58°12.660'N 01°09.920'W	58°13.280'N 01°09.420'W
5	58°12.510'N 01°09.880'W	58°12.540'N 01°09.730'W	58°12.800'N 01°08.530'W
6	58°12.320'N 01°09.270'W	58°12.370'N 01°09.400'W	58°12.030'N 01°08.650'W
7	58°12.410'N 01°10.000'W	58°12.330'N 01°09.940'W	58°11.680'N 01°09.440'W
8	58°12.430'N 01°10.070'W	58°12.360'N 01°10.110'W	58°11.710'N 01°10.520'W

Byford Dolphin – Anchors pre-installed at Cyrus Field

Anchor No.	Anchor Position	Piggyback	Anchor No.	Anchor Position	Piggyback
Rig	58°07.600'N 001°28.000'E		7	58°06.868'N 001°29.138'E	58°06.782'N 001°29.279'E
1	58°08.152'N 001°27.460'E		8	58°06.595'N 001°28.676'E	58°06.493'N 001°28.747'E
					58°06.386'N 001°28.833'E
2	58°08.254'N 001°27.821'E		9	58°06.422'N 001°28.000'E	58°06.311'N 001°28.003'E
3	58°08.230'N 001°28.212'E	58°08.338'N 001°28.260'E	10	58°07.246'N 001°26.980'E	
4	58°08.029'N 001°30.028'E		11	58°07.439'N 001°26.820'E	58°07.410'N 001°26.610'E
5	58°07.629'N 001°29.982'E	58°07.631'N 001°30.195'E	12	58°07.646'N 001°26.847'E	
6	58°07.304'N 001°29.693'E	58°07.268'N 001°29.890'E			

Ocean Guardian – Anchors as Laid at UKCS 210/24a UP2 Western Isle

 [Map Link](#)

Anchor No.	Anchor Position	Back-up Anchor	Anchor No.	Anchor Position	Back-up Anchor
Rig	61°11.730'N 00°43.710'E		5	61°12.000'N 00°45.010'E	
1	61°11.410'N 00°41.930'E		6	61°11.360'N 00°45.650'E	
2	61°12.080'N 00°41.940'E	61°12.120'N 00°41.700'E	7	61°10.800'N 00°44.370'E	61°10.690'N 00°44.470'E
3	61°12.610'N 00°42.960'E	61°12.720'N 00°42.870'E	8	61°10.850'N 00°43.030'E	
4	61°12.610'N 00°44.240'E				

Deepsea Atlantic – Prelayed Anchors at Johan Sverdrup

 [Map Link](#)

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	58°50.088'N 002°33.021'E	3	58°51.440'N 002°33.992'E	6	58°48.948'N 002°33.878'E
1	58°50.510'N 002°30.809'E	4	58°50.602'N 002°35.620'E	7	58°49.001'N 002°31.942'E
2	58°51.557'N 002°31.514'E	5	58°49.666'N 002°35.239'E	8	58°49.496'N 002°30.036'E

Transocean Leader – At Kraken DC1 9/02b-A1

 [Map Link](#)

Anchor No.	Anchor Position	Laydown Pennant s	Anchor No.	Anchor Position	Laydown Pennant s
Rig	59°53.510'N 01°12.230'E				
1	59°54.290'N 01°11.580'E	59°54.380'N 01°11.500'E	5	59°52.760'N 01°12.810'E	59°52.680'N 01°12.870'E
2	59°54.310'N 01°12.690'E	59°54.400'N 01°12.740'E	6	59°52.740'N 01°11.590'E	59°52.660'N 01°11.540'E
3	59°54.760'N 01°13.790'E	59°53.790'N 01°13.980'E	7	59°53.200'N 01°10.670'E	59°53.170'N 01°10.520'E
4	59°53.210'N 01°13.700'E	59°53.170'N 01°13.880'E	8	59°53.820'N 01°10.660'E	59°53.850'N 01°10.510'E

Paragon MSS1 – Telford H2 Well

 [Map Link](#)

Anchor No.	Anchor Position	Laydown Pennant s	Anchor No.	Anchor Position	Laydown Pennant s
Well	58°12.320'N 00°16.720'E		7	58°11.760'N 00°17.300'E	58°11.700'N 00°17.380'E
1	58°12.850'N 00°16.160'E	58°12.930'N 00°16.050'E	8	58°11.690'N 00°16.720'E	58°11.610'N 00°16.720'E
2	58°12.940'N 00°16.720'E	58°12.950'N 00°16.580'E	9	58°11.770'N 00°16.150'E	58°11.700'N 00°16.090'E
3	58°12.840'N 00°17.270'E	58°12.900'N 00°17.130'E	10	58°12.020'N 00°15.690'E	58°11.980'N 00°15.570'E
4	58°12.610'N 00°17.720'E	58°12.680'N 00°17.660'E	11	58°12.320'N 00°15.500'E	58°12.320'N 00°15.370'E
5	58°12.320'N 00°17.860'E	58°12.320'N 00°18.000'E	12	58°12.620'N 00°15.670'E	58°12.660'N 00°15.550'E
6	58°12.020'N 00°17.760'E	58°11.990'N 00°17.880'E			

Extra...

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Borgsten Dolphin – Dunbar Platform 3/14a

 [Map Link](#)

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	60°37.660'N 01°39.290'E	5	60°37.820'N 01°37.750'E	10	60°37.390'N 01°40.390'E
1	60°36.930'N 01°38.730'E	6	60°37.930'N 01°37.820'E	11	60°37.290'N 01°40.320'E
2	60°37.000'N 01°38.510'E	7	60°38.350'N 01°39.510'E	12	60°37.190'N 01°40.180'E
3	60°37.060'N 01°38.300'E	8	60°38.300'N 01°39.750'E		
4	60°37.700'N 01°37.700'E	9	60°38.250'N 01°39.980'E		

Area 2 – Anchor List

First Published: 10 March 2016 | **Latest Update: 28 July 2016**

Stena Spey – As-Laid At Alma

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	56°11.890'N 002°45.750'E	3	56°12.260'N 002°46.930'E	6	56°11.060'N 002°44.930'E
1	56°11.530'N 002°45.330'E	4	56°11.680'N 002°46.990'E	7	56°11.640'N 002°43.820'E
2	56°12.660'N 002°46.250'E	5	56°11.170'N 002°46.270'E	8	56°12.260'N 002°43.840'E

Paul B Loyd Jr – Kessog

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	56°50.658'N 002°10.020'E	3	56°50.952'N 002°11.358'E	6	56°49.926'N 002°09.498'E
1	56°51.390'N 002°09.480'E	4	56°50.358'N 002°11.892'E	7	56°50.364'N 002°08.670'E
2	56°51.390'N 002°10.560'E	5	56°49.920'N 002°10.548'E	8	56°50.946'N 002°08.676'E

Catcher FPSO –

Construction vessels Skandi Skansen and Skandi Neptune working around and extending out approximately 1000m from the future Catcher FPSO

 [Map Link](#)

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
STP Buoy @ Future FPSO	56°46.207'N 000°42.782'E				
1	56°46.573'N 000°42.093'E	5	56°46.457'N 000°43.780'E	9	56°45.713'N 000°42.755'E
2	56°46.602'N 000°42.136'E	6	56°46.423'N 000°43.804'E	10	56°45.719'N 000°42.687'E
3	56°46.630'N 000°42.182'E	7	56°46.387'N 000°43.824'E	11	56°45.728'N 000°42.620'E
4	56°46.655'N 000°42.233'E	8	56°46.350'N 000°43.840'E	12	56°45.739'N 000°42.555'E

COSL Rival – Proposed Mooring at Judy30/7a

 [Map Link](#)

COSL Rival located adjacent to the East face of the Judy Platform from 19th April for approx 6 months. Moorings are fitted with polyester inserts and subsea buoyancy and represent a significant snagging hazard to fishing vessel activity in the vicinity. Moorings have a circa 2km radius about the location

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Alongside	56°41.791'N 002°20.319'E	4	56°42.870'N 002°19.365'E	9	56°42.406'N 002°21.890'E
Standoff	56°41.807'N 002°20.355'E	5	56°42.897'N 002°19.526'E	10	56°41.361'N 002°21.830'E
1	56°40.927'N 002°19.690'E	6	56°42.945'N 002°20.077'E	11	56°41.193'N 002°21.599'E
2	56°41.102'N 002°19.457'E	7	56°42.757'N 002°21.099'E	12	56°41.061'N 002°21.267'E
3	56°41.250'N 002°19.161'E	8	56°42.583'N 002°21.519'E		

Byford Dolphin – Pre-Laid at Monan Well 22/20-4z

 [Map Link](#)

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	57°21.291'N 001°52.595'E	5	57°20.965'N 001°54.292'E	10	57°21.292'N 001°51.454'E
1	57°21.784'N 001°52.570'E	6	57°20.775'N 001°53.590'E	11	57°21.502'N 001°51.511'E
2	57°21.897'N 001°52.850'E	7	57°20.543'N 001°52.241'E	12	57°21.653'N 001°51.766'E
3	57°21.778'N 001°53.478'E	8	57°20.507'N 001°51.616'E		
4	57°21.297'N 001°54.332'E	9	57°20.735'N 001°51.198'E		

Extra...

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Ocean Patriot – As Laid at Pierce A12 Well

 [Map Link](#)

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	57°10.081'N 002°15.560'E	5	57°09.323'N 002°16.412'E	# 7 Pennant End	57°09.638'N 002°14.153'E
1	57°10.622'N 002°14.944'E	# 5 Pennant End	57°09.263'N 002°16.466'E	8	57°10.298'N 002°14.428'E
2	57°10.691'N 002°15.793'E	6	57°09.382'N 002°15.260'E	# 8 ROV Survey	57°10.362'N 002°14.457'E
3	57°10.369'N 002°16.396'E	# 6 Pennant End	57°09.316'N 002°15.228'E		
4	57°09.971'N 002°16.677'E	7	57°09.671'N 002°14.261'E		

Safe Caledonia Flotel – At ETAP

 [Map Link](#)

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	57°17.576'N 001°39.588'E	4	57°17.170'N 001°37.220'E	8	57°17.884'N 001°41.775'E
1	57°16.250'N 001°39.942'E	5	57°18.740'N 001°38.764'E	9	57°16.292'N 001°40.303'E
2	57°16.236'N 001°39.646'E	6	57°18.806'N 001°39.416'E	10	57°17.412'N 001°37.130'E
3	57°17.012'N 001°37.388'E	7	57°18.179'N 001°41.507'E		

Area 1 – Survey List

Company & Vessels	Towed Cable Length / Depth	Area Covered & Quad Blocks		Duration	
PGS Geophysical ASA Ramform Titan C6AL9	1300m 3m	59°05.934'N 000°47.106'E 59°23.403'N 000°45.914'E 59°24.209'N 001°46.717'E 59°17.366'N 001°42.602'E 59°06.629'N 001°39.751'E	8 9	15/09/2016 - 30/11/2016 For 90 Days	
Fugro EMU Autonaut		60°43.734'N 004°20.045'W 60°55.530'N 003°43.115'W 60°33.846'N 003°14.535'W 60°38.400'N 002°59.764'W 60°16.488'N 002°31.943'W 60°00.384'N 003°23.098'W		01/09/2016 - 20/09/2016 For 20 Days	
Gardline Geosurvey Ltd M/V Ocean Reliance J8B2707	1 streamer 1200m 3m	60°45.280'N 002°23.454'E 60°40.439'N 002°13.434'E 60°35.107'N 002°24.136'E 60°39.936'N 002°34.155'E	206	25/08/2016 - 15/09/2016 For 20 Days	
Fugro Survey Fugro Galaxy	1300m 3m	58°59.113'N 001°17.868'E 59°02.883'N 001°17.682'E 59°02.963'N 001°24.007'E 58°59.193'N 001°24.182'E	9 16	22/08/16 For 1 - 10 Days	
Fugro Survey TBC		60°39.901'N 003°05.873'W 60°39.902'N 002°55.993'W 60°35.215'N 002°56.002'W 60°35.214'N 003°05.859'W	205; 206	19/08/2015 - 31/10/2016 For 1 Day	
PGS Geophysical ASA Nordic Explorer C6TU3 Thor Assister OZ2061		59°10.986'N 001°37.080'W 58°29.444'N 002°26.293'W 58°36.058'N 002°54.933'W 58°44.849'N 002°47.665'W 58°57.351'N 002°31.868'W 59°22.240'N 002°12.186'W 59°28.108'N 002°13.267'W 59°27.275'N 002°29.060'W 59°53.790'N 002°30.822'W 59°51.742'N 001°33.902'W 59°49.494'N 001°17.396'W 59°54.397'N 001°08.573'W 60°02.022'N 000°55.813'W 60°12.213'N 000°50.007'W 60°18.211'N 000°45.880'W 60°24.164'N 000°39.235'W	60°28.377'N 000°44.972'W 60°30.955'N 000°45.419'W 60°36.041'N 000°42.139'W 60°53.483'N 000°39.830'W 60°54.331'N 000°59.477'W 61°28.940'N 000°54.016'W 61°28.334'N 000°05.690'W 59°37.709'N 000°06.373'W 59°37.325'N 000°45.254'W 59°11.109'N 001°15.133'W 59°10.986'N 001°37.080'W	209; 1; 5; 6; 7; 12; 13	21/07/2015 - 30/11/2016 For 90 Days
Gardline Geosurvey Sea Explorer C6NG6	1200m 3m	60°19.722'N 003°32.747'W 60°15.941'N 003°25.016'W 60°12.104'N 003°32.620'W 60°15.878'N 003°40.350'W	205	01/08/2015 - 31/10/2016 For 7 Days	
Fugro Survey Fugro Galaxy (TBC)		58°59.113'N 001°17.868'E 59°02.883'N 001°17.682'E 59°02.963'N 001°24.007'E 58°59.193'N 001°24.182'E	9; 16	August /Sept For 10 Days	

Extra...

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StatoilUK Limited Nordnes - PHOG		59°35.532'N 001°02.880'E 59°35.626'N 001°03.378'E 59°35.374'N 001°03.564'E 59°35.279'N 001°03.067'E	9	27/07/2015 - 31/10/2016 For 2 Days
Gardline Geosurvey Sea Explorer C6NG6	1200m 3m	60°06.386'N 004°16.323'W 60°10.265'N 004°08.827'W 60°06.518'N 004°01.064'W 60°02.647'N 004°08.562'W	204	25/07/2015 - 30/09/2016 For 7 Days
Baker Hughes Transocean Sedco 704 JRD7		59°17.172'N 001°01.609'E	9	22/07/2015 - 31/07/2016 For 45 Days
EGS International Ltd ILV Granuaile EIPT		<p>Section A</p> 57°28.380'N 005°52.250'W 57°28.380'N 005°52.420'W 57°28.434'N 005°52.827'W 57°28.541'N 005°53.305'W 57°28.597'N 005°53.384'W 57°29.898'N 005°54.102'W 57°30.998'N 005°54.728'W 57°31.942'N 005°54.624'W 57°33.392'N 005°54.132'W 57°34.878'N 005°53.722'W 57°38.157'N 005°52.976'W 57°39.089'N 005°53.228'W 57°41.542'N 005°54.907'W 57°43.127'N 005°56.455'W 57°45.726'N 005°59.883'W 57°47.028'N 006°02.835'W 57°51.001'N 006°08.872'W 57°52.629'N 006°11.877'W 57°54.967'N 006°14.057'W 57°56.571'N 006°14.474'W 57°59.325'N 006°13.658'W 58°01.811'N 006°11.771'W 58°04.424'N 006°09.689'W 58°06.203'N 006°06.520'W 58°07.431'N 006°03.270'W 58°07.849'N 006°02.589'W 58°13.453'N 005°53.446'W 58°20.579'N 005°50.296'W 58°28.022'N 005°51.168'W 58°35.825'N 005°52.002'W	<p>Section B</p> 58°35.825'N 005°52.002'W 58°43.872'N 006°07.869'W 58°44.430'N 006°09.912'W 58°44.602'N 006°11.025'W 58°44.969'N 006°12.741'W 58°45.144'N 006°13.558'W 58°45.421'N 006°14.540'W 58°45.605'N 006°15.700'W 58°48.352'N 006°27.821'W 58°49.286'N 006°32.153'W 58°51.397'N 006°39.448'W 58°51.397'N 006°39.444'W 58°53.556'N 006°40.881'W 58°55.511'N 006°40.645'W 58°56.244'N 006°37.338'W 58°56.244'N 006°19.152'W 58°56.244'N 005°56.242'W	08/08/2016 - 15/10/2016
Gardline Geosurvey Sea Explorer C6NG6	75m 2m	60°13.539'N 003°58.008'W 60°12.241'N 003°48.060'W 60°04.739'N 003°52.016'W 60°06.032'N 004°01.931'W	205; 204	21/07/2015 - 30/09/2016 For 6 Days
PGS Geophysical ASA Nordic Explorer C6TU3	8500m / 50m	58°25.696'N 000°32.006'E 58°22.945'N 002°50.791'W 59°22.197'N 002°10.395'W 59°29.882'N 001°31.716'W 60°02.022'N 000°55.813'W 60°24.164'N 000°39.235'W 60°53.483'N 000°39.830'W 61°08.933'N 001°25.780'W 61°24.160'N 001°23.862'W	61°24.548'N 000°34.618'E 61°08.141'N 001°10.139'E 60°07.637'N 001°45.008'E 59°25.302'N 001°26.550'E 59°07.291'N 001°32.858'E 58°54.302'N 001°29.198'E 58°41.918'N 000°50.793'E 58°25.696'N 000°32.006'E	15/07/2016 - 15/10/2016 For 90 days
Gardline Geosurvey Limited Ocean Reliance J8B2707	1300m 3m	58°19.370'N 000°43.452'E	15	08/07/2016 - 30/09/2016 For 6 Days
Subsea 7 Acergy Viking JWLL		60°18.834'N 000°01.121'E 60°25.606'N 000°02.114'E 60°32.377'N 000°03.113'E 60°39.015'N 000°05.757'E 60°44.935'N 000°12.423'E 60°44.512'N 000°12.870'E 60°38.554'N 000°06.356'E 60°31.896'N 000°03.918'E 60°25.124'N 000°02.916'E 60°18.353'N 000°01.921'E 60°12.063'N 000°00.135'E 60°12.010'N 000°00.992'E 60°49.780'N 000°21.151'E 60°49.552'N 000°21.885'E 61°13.053'N 000°44.978'E 61°13.035'N 000°41.108'E 61°12.999'N 000°44.979'E	61°12.981'N 000°41.109'E 61°11.261'N 000°43.144'E 61°12.978'N 000°44.808'E 61°11.238'N 000°43.245'E 61°12.955'N 000°44.909'E 61°15.461'N 000°49.508'E 61°15.065'N 000°49.867'E 61°14.667'N 000°48.204'E 61°14.151'N 000°46.810'E 61°13.498'N 000°45.803'E 61°13.236'N 000°45.537'E 61°13.192'N 000°49.455'E 61°12.761'N 000°49.434'E 61°12.818'N 000°44.316'E 61°13.702'N 000°45.016'E 61°14.461'N 000°46.190'E 61°15.038'N 000°47.748'E	17/05/2016 - 30/09/2016 For 7 Days
TOTAL E&P UK Ltd Siem Daya 2 5BZQ3		Route Survey: 60°56.671'N 002°53.622'W 60°04.604'N 002°05.421'W	214/30, 206/4	27/06/2016 - 30/09/2016 For 100 days

Extra...

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Fugro Survey Ltd Fugro Searcher 3EUY6	Along TEPUK existing pipelines	22/06/2016 - 30/09/2016 For 14 Days
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Area 2 – Survey List

Company & Vessels	Towed Cable Length / Depth	Area Covered & Quad Blocks	Duration
Gardline Geosurvey Ltd Kommandor - PBQW		56°26.072'N 002°42.548'E 56°32.809'N 002°33.954'E	30 05/09/2016 - 04/12/2016 For 7 Days
GeoXYZ Skandi Constructor C6ZH8		57°19.441'N 001°18.141'E 57°15.131'N 001°18.339'E 57°15.234'N 001°26.291'E 57°19.544'N 001°26.109'E	22 05/09/2016 - 04/12/2016 For 7 Days
GeoXYZ Skandi Constructor C6ZH8		57°25.927'N 001°21.172'E 57°25.978'N 001°25.168'E 57°28.133'N 001°25.075'E 57°28.082'N 001°21.076'E	22 22/08/2016 - 25/08/2016 For 7 Days
PGS Geophysical ASA Ramform Vanguard C6TU8	8500m 25m	57°11.162'N 002°19.139'E 56°40.298'N 002°34.415'E 56°35.327'N 002°17.911'E 56°37.323'N 002°09.528'E 56°27.094'N 001°35.365'E 56°30.079'N 001°26.197'E 56°54.815'N 001°23.439'E	22; 23; 29; 30 15/08/2016 - 30/09/2016 For 90 Days
PGS Exploration (UK) Limited Ramform Vanguard C6TU8	8100m 25m	56°57.651'N 002°25.826'E 56°56.431'N 002°21.764'E 56°55.478'N 002°16.359'E 56°55.690'N 002°10.799'E 56°57.300'N 002°05.095'E 56°59.400'N 002°01.823'E 57°09.978'N 001°50.294'E 57°13.540'N 001°48.234'E 57°16.841'N 001°49.068'E 57°19.417'N 001°51.855'E 57°21.156'N 001°55.804'E 57°25.988'N 002°11.800'E	22; 23; 30 01/08/2016 - 30/11/2016 For 50 Days
Fugro Subsea Services Ltd Skandi Olympia C6XY8		57°25.328'N 001°13.122'E 57°24.978'N 001°12.839'E 57°24.828'N 001°13.489'E 57°25.911'N 001°18.589'E 57°26.561'N 001°21.639'E 57°26.211'N 001°21.656'E 57°26.211'N 001°22.339'E 57°22.744'N 001°21.756'E 57°21.744'N 001°21.623'E 57°17.794'N 001°21.206'E 57°16.978'N 001°22.156'E 57°16.894'N 001°22.856'E	57°17.261'N 001°23.006'E 57°17.944'N 001°22.223'E 57°21.711'N 001°22.623'E 57°22.711'N 001°22.756'E 57°26.228'N 001°23.339'E 57°26.245'N 001°24.656'E 57°27.861'N 001°24.589'E 57°27.811'N 001°21.589'E 57°27.128'N 001°21.622'E 57°26.411'N 001°18.222'E 22 26/07/2016 - 31/10/2016 For 3 Days
Fugro Survey Ltd Fugro Meridian C6QR4		57°49.693'N 001°47.589'E 57°49.739'N 001°52.639'E 57°46.999'N 001°47.679'E 57°47.045'N 001°52.723'E	22 30/07/2016 - 01/10/2016 For 10 Days
Fugro Fugro Meridian C6QR4		56°42.570'N 001°14.523'E 56°43.473'N 001°15.598'E 56°43.600'N 001°15.278'E 56°44.176'N 001°23.326'E 56°44.350'N 001°23.557'E 56°44.089'N 001°23.210'E 56°43.915'N 001°22.979'E 56°43.363'N 001°18.678'E 56°43.428'N 001°18.764'E 56°43.537'N 001°18.908'E 56°43.755'N 001°19.197'E 56°43.288'N 001°18.699'E 56°43.240'N 001°18.808'E 56°43.160'N 001°19.016'E 56°43.276'N 001°18.562'E 56°43.210'N 001°18.475'E	56°43.101'N 001°18.331'E 56°42.884'N 001°18.042'E 56°42.448'N 001°17.465'E 56°43.351'N 001°18.541'E 56°43.398'N 001°18.422'E 56°43.478'N 001°18.224'E 56°43.368'N 001°17.164'E 56°43.744'N 001°21.050'E 56°44.846'N 001°17.857'E 56°43.867'N 001°25.625'E 56°47.215'N 001°09.775'E 56°47.215'N 001°09.775'E 29 14/07/2016 - 01/09/2016 For 6 Days

Oil and Gas Oil and Gas Oil and Gas

Extra...

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Fugro Survey Ltd Fugro Meridian C6QR4		57°44.888'N 001°48.617'E 57°44.918'N 001°51.842'E 57°43.272'N 001°48.670'E 57°43.301'N 001°51.893'E 57°45.964'N 001°53.591'E 57°45.991'N 001°53.591'E 57°44.347'N 001°50.618'E 57°44.374'N 001°53.641'E 57°47.394'N 001°44.608'E	57°47.423'N 001°47.635'E 57°45.778'N 001°44.665'E 57°45.807'N 001°47.689'E 57°45.960'N 001°44.878'E 57°45.999'N 001°48.919'E 57°43.805'N 001°44.961'E 57°43.844'N 001°48.990'E 22	15/07/2016 - 01/10/2016 For 20 Days
Fugro Fugro Meridian C6QR4		56°42.570'N 001°14.523'E 56°43.473'N 001°15.598'E 56°43.600'N 001°15.278'E 56°44.176'N 001°23.326'E 56°44.350'N 001°23.557'E 56°44.089'N 001°23.210'E 56°43.915'N 001°22.979'E 56°43.363'N 001°18.678'E 56°43.428'N 001°18.764'E 56°43.537'N 001°18.908'E 56°43.755'N 001°19.197'E 56°43.288'N 001°18.699'E 56°43.240'N 001°18.808'E 56°43.160'N 001°19.016'E 56°43.276'N 001°18.562'E 56°43.210'N 001°18.475'E	56°43.101'N 001°18.331'E 56°42.884'N 001°18.042'E 56°42.448'N 001°17.465'E 56°43.351'N 001°18.541'E 56°43.398'N 001°18.422'E 56°43.478'N 001°18.224'E 56°43.368'N 001°17.164'E 56°43.744'N 001°21.050'E 56°44.846'N 001°17.857'E 56°43.867'N 001°25.625'E 56°47.215'N 001°09.775'E 29	14/07/2016 - 01/09/2016 For 6 Days
Dana MV Kommandor		57°14.326'N 000°44.876'E 57°10.890'N 000°49.512'E 57°08.534'N 000°43.589'E 57°11.966'N 000°38.949'E		10/07/2016 - 30/11/2016 For 7 Days
Gardline GeoSurvey Ltd M/V Kommandor PBQW		57°12.819'N 000°44.448'E 57°11.124'N 000°46.737'E 57°10.040'N 000°44.016'E 57°11.735'N 000°41.725'E	21	03/07/2016 - 30/11/2016 For 7 Days
Fugro GeoConsulting Limited Cargano - VSMW5		57 14 44.718 N 1 18 32.019 E 57 07 56.564 N 1 18 32.019 E 57 02 10.230 N 1 08 28.206 E 57 09 13.194 N 0 55 21.355 E	21; 22	01/07/2016 - 30/09/2016 For 3 Days
Baker Hughes Wireless Services		57°19.792'N 002°07.826'E	23	01/07/2016 - 01/10/2016 For 3 Days
Gardline GeoSurvey Ltd M/V Ocean Reliance J8B2707	1200m 3m	56°46.695'N 001°53.942'E 56°53.459'N 001°36.541'E 56°53.507'N 001°40.886'E 56°51.210'N 001°49.133'E	29	28/06/2016 - 30/09/2016 For 8 Days
PGS Geophysical ASA Ramform Sterling C6YE5		58°39.631'N 001°32.585'E 58°25.763'N 001°28.903'E 57°54.263'N 001°57.806'E 57°46.009'N 002°01.891'E 57°44.696'N 001°53.754'E 57°44.535'N 000°58.760'E 57°45.508'N 000°51.366'E 57°48.531'N 000°45.497'E 57°52.504'N 000°43.405'E	58°12.895'N 000°42.791'E 58°16.745'N 000°44.510'E 58°19.893'N 000°50.062'E 58°21.087'N 000°57.572'E 58°21.325'N 001°11.187'E 58°31.299'N 001°10.746'E 58°35.006'N 001°12.286'E 58°38.515'N 001°18.603'E 58°39.552'N 001°25.831'E	15/06/2016 - 31/10/2016 For 90 Days
Seabed Geosolutions RV Hugin Explorer 5BEA2 Osprey Explorer 3EHE9		57°44.668'N 001°08.951'W 57°43.720'N 000°48.464'W 57°55.692'N 000°47.547'W 57°56.646'N 001°07.152'W	19; 20	15/06/2016 - 30/09/2016 For 65 Days
Fugro Survey Fugro Galaxy - C6YY4	1200m 3m	56°20.000'N 001°03.201'E 56°20.577'N 001°06.791'E 56°22.351'N 001°10.526'E 56°26.919'N 001°10.343'E 56°29.282'N 000°49.542'E 56°37.145'N 000°49.427'E 56°38.253'N 000°52.358'E	28; 29	13/06/2016 - 30/09/2016 For 10 Days
Gardline GeoSurvey Ltd M/V Ocean Reliance J8B2707		57°14.706'N 001°04.998'E 57°07.903'N 001°18.440'E 57°02.131'N 001°08.377'E 57°09.180'N 000°55.262'E	22:21	07/06/2016 - 31/08/2016 For 25 Days

Extra...

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Area 3 – Survey List

Company & Vessels	Towed Cable Length / Depth	Area Covered & Quad Blocks		Duration
Fugro Geoconsulting Jiff Challenger FIYA		53°43.844'N 000°10.009'E 53°39.898'N 000°06.879'E	47	12/09/2016 - 30/09/2016 For 2 Days
Gardline Geosurvey MV Kommandor PBQW		53°49.619'N 002°48.522'E 53°49.623'N 002°51.712'E 53°47.466'N 002°51.719'E 53°47.462'N 002°48.532'E	49	05/09/2016 - 30/10/2016 For 2 Days
Gardline Geosurvey MV Kommandor PBQW		53°40.689'N 000°53.194'E 53°40.737'N 000°55.918'E 53°38.851'N 000°56.010'E 53°38.803'N 000°53.289'E	47	05/09/2016 - 30/10/2016 For 2 Days
Gardline Geosurvey Limited Geo Ocean II		54°04.025'N 001°00.567'E 54°04.070'N 001°03.316'E 54°02.453'N 001°03.392'E 54°02.408'N 001°00.645'E	43	22/08/2016 - 28/08/2016 For 1 Day
Bibby Hydromap MV Bibby Athena 2ICA5 SV IxPlorer FMDY		53°12.570'N 001°41.890'E 53°17.815'N 001°32.588'E 53°49.922'N 002°23.801'E 53°44.610'N 002°33.116'E		23/08/2016 For 5 Weeks
GEOxyz Geosurveyor IV 2DEW4		52°54.768'N 001°27.636'E 52°54.773'N 001°27.806'E 52°54.162'N 001°29.981'E 52°52.065'N 001°32.302'E 52°51.965'N 001°32.272'E 52°51.628'N 001°28.227'E 52°52.152'N 001°27.352'E	52	22/08/2016 - 30/09/2016 For 7 Days
Gardline Titan Discovery 2HCR3		Ramsgate Landing Survey Corridor 51°19.118'N 001°24.185'E 51°18.515'N 001°26.475'E 51°18.595'N 001°28.495'E 51°18.327'N 001°28.543'E 51°18.250'N 001°26.375'E 51°18.870'N 001°24.018'E	Zeebrugge Landing Survey Corridor Extents 51°19.290'N 003°09.342'E 51°19.615'N 003°07.757'E 51°19.662'N 003°07.518'E 51°19.715'N 003°06.310'E 51°19.740'N 003°05.875'E 51°19.872'N 003°03.437'E 51°19.950'N 003°01.577'E 51°20.092'N 002°59.808'E 51°20.110'N 002°58.178'E 51°20.180'N 002°56.685'E 51°20.987'N 002°56.782'E 51°20.918'N 002°58.237'E 51°20.900'N 002°59.903'E 51°20.757'N 003°01.702'E 51°20.678'N 003°03.535'E 51°20.545'N 003°05.988'E 51°20.522'N 003°06.412'E 51°20.463'N 003°07.763'E 51°20.385'N 003°08.153'E 51°20.068'N 003°09.697'E	06/08/2016 - 06/09/2016 For 3-4 Weeks
Fugro Fugro Meridian C6QR4		53°05.426'N 002°07.816'E	49	17/07/2016 - 17/09/2016 For 14 Days
Fugro Fugro Meridian C6QR4		53°21.186'N 002°36.374'E 53°19.584'N 002°37.863'E 53°17.892'N 002°37.143'E 53°17.892'N 002°37.143'E	49	17/07/2016 - 17/09/2016 For 14 Days
Schlumberger TBA		54°17.255'N 002°28.117'E	44	01/06/2016 - 15/10/2016 For 1 Day

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Area 4 – Survey List

Company & Vessels	Towed Cable Length / Depth	Area Covered & Quad Blocks		Duration
WesternGeco Limited MV WG Magellan 5BPK2		50°46.521'N 005°09.613'W 50°54.734'N 005°21.377'W 51°23.465'N 005°32.878'W 51°23.964'N 005°52.113'W 51°44.429'N 006°19.058'W 52°25.496'N 005°45.560'W 53°22.694'N 005°30.252'W 54°15.687'N 003°58.268'W 54°11.478'N 003°27.524'W 54°02.513'N 003°18.029'W 53°43.822'N 003°11.240'W 53°48.175'N 003°43.918'W 53°27.473'N 004°37.826'W 53°17.694'N 004°52.738'W 53°05.874'N 004°35.066'W	53°00.567'N 004°34.771'W 52°50.729'N 004°53.595'W 52°42.207'N 004°53.279'W 52°42.663'N 004°41.443'W 52°30.980'N 004°09.668'W 52°11.988'N 004°43.412'W 52°01.541'N 005°17.783'W 51°49.709'N 005°30.255'W 51°24.218'N 005°09.268'W 51°28.065'N 004°40.844'W 51°29.228'N 004°28.022'W 51°06.450'N 004°27.483'W 50°49.849'N 004°49.619'W 50°46.521'N 005°09.613'W 94; 95; 102; 103; 104; 107; 108; 110; 112; 113	01/09/2016 - 30/11/2016 For 35 Days
WesternGeco Limited MV WG Magellan 5BPK2	8500m 30m	47°57.866'N 009°30.380'W 48°24.314'N 009°51.115'W 48°55.542'N 009°23.870'W 49°20.235'N 008°30.930'W 49°22.076'N 008°04.960'W 50°05.040'N 008°26.728'W 50°33.619'N 008°03.452'W 51°03.311'N 007°06.777'W 51°53.850'N 006°15.171'W 51°42.988'N 005°59.932'W 51°38.791'N 006°00.167'W 51°35.361'N 005°55.610'W 51°33.799'N 005°53.578'W 51°32.619'N 005°50.400'W 51°31.784'N 005°47.778'W 51°30.853'N 005°43.248'W 51°30.823'N 005°36.463'W 51°30.698'N 005°33.626'W	51°29.328'N 005°18.827'W 51°27.180'N 005°15.995'W 51°25.788'N 005°11.914'W 51°19.261'N 005°12.078'W 51°15.371'N 005°18.802'W 51°13.136'N 005°17.915'W 51°06.857'N 005°16.721'W 50°59.059'N 005°15.216'W 50°55.064'N 005°10.256'W 50°51.228'N 005°13.876'W 50°41.830'N 005°19.934'W 50°25.554'N 005°40.999'W 50°04.074'N 006°54.515'W 49°28.435'N 006°38.680'W 49°45.122'N 005°03.265'W 49°50.366'N 004°33.620'W 49°22.970'N 004°09.977'W 72; 73; 82; 83; 85; 86; 87; 93; 94	15/07/2016 - 30/11/2016 For 90 Days
CGG Services SA Oceanic Endeavour 3EJQ7	8000m TBA	Area 1 51°01.452'N 013°49.634'W 50°39.942'N 013°04.988'W 50°19.019'N 013°23.792'W 50°40.410'N 014°08.255'W	Area 2 49°58.667'N 013°38.292'W 50°15.767'N 012°06.202'W 49°35.111'N 011°48.764'W 49°18.234'N 013°19.603'W	20/06/2016 - 30/09/2016 For 100 Days

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