

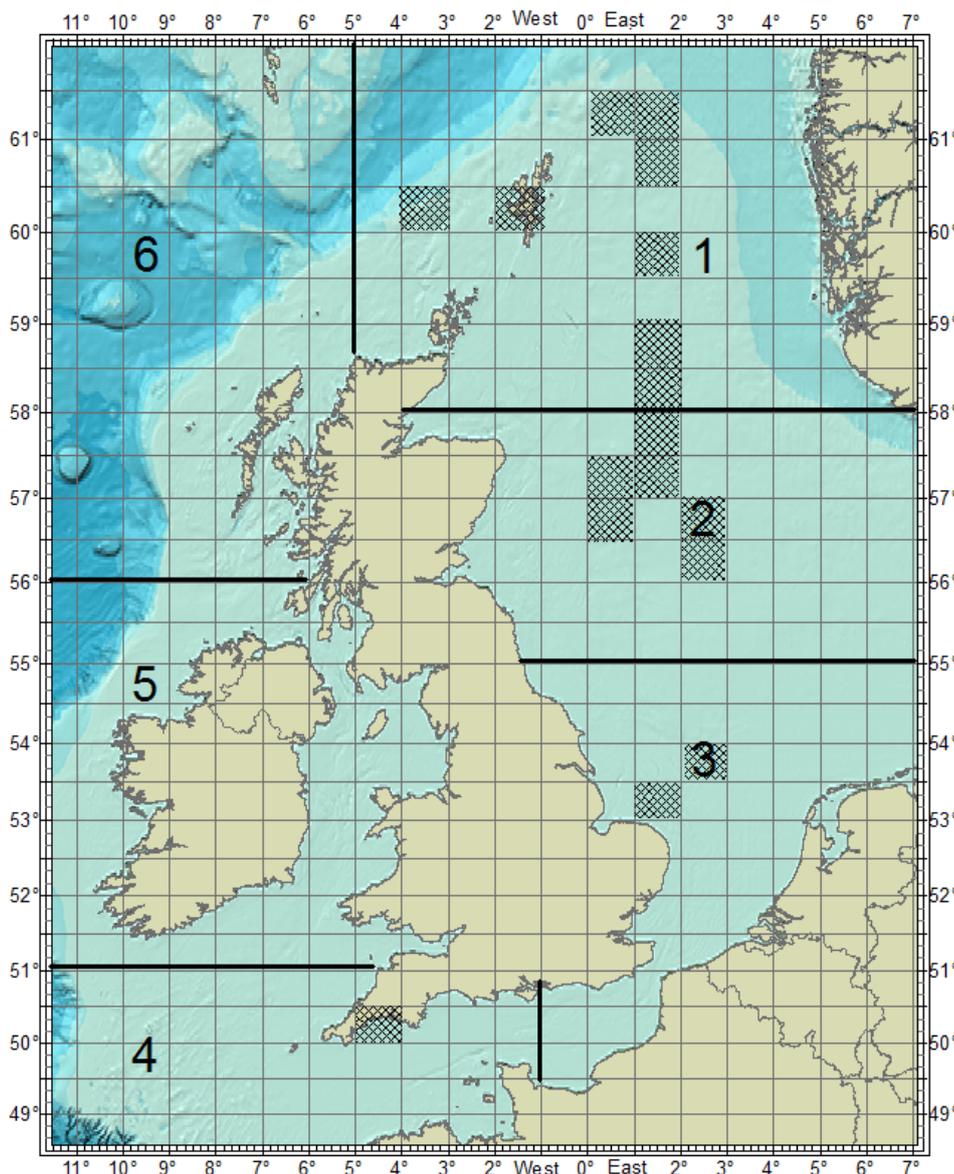
The Kingfisher Bulletin

Offshore News

OIL AND GAS

17 MAY 2018 | ISSUE 10

Shaded blocks indicate activity.



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The Kingfisher Bulletin is provided by the Kingfisher Information Service of Seafish, to promote awareness of offshore hazards to fishermen, new structures and zones and conflicting offshore operations. Support for publication of oil and gas industry information in this Bulletin is part of the project 'Fishing Safely in Changing European Waters 2016-2019' promoted by FLTC Services Ltd. The European Union through the European Maritime and Fisheries Fund and the Scottish Government have awarded substantial grants towards the costs of the project.



For further information, please visit: www.fishsafe.eu/en/contact-us/funding

Information

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New Hazards

Area 1		Hazard List		
Hazard Type	Position	Issue Date	Contact Details	Map
New suspended wellhead on seabed (211/23b-11)	61°16.210'N 001°25.962'E	15 May 2018	Fairfield Energy, Tel: +44 (0)1224 320708	
Removal of protective structure for wellhead 211/19-2 (8m x 8m x 7m)	61°23.382'N 01°44.050'E	3 May 2018	CNR International Ltd, Tel: +44 1224 303600	
One 8in pipeline and one 6in umbilical Exposed Laggan and Tormore fields	60° 29.319' N 1° 15.213' W 60° 29.304' N 1° 15.108' W 60° 28.993' N 1° 15.281' W 60° 29.007' N 1° 15.386' W	11 Jan 2018	TOTAL, Tel: +44 (0)1224 298172	

Area 3		Hazard List		
Hazard Type	Position	Issue Date	Contact Details	Map
Significant Pipeline Span on PL21 from Hewett to Bacton (37m long and 1m high)	53°01.482'N 001°43.673'E	15 May 2018	ENI, Tel: 020 7344 6342	
Concrete mattresses installed on seabed to stabilise a pipeline span	53°06.662'N 001°44.180'E and 53°06.668'N 001°44.165'E	19 April 2018	ENI, Tel: 020 7344 6342	

Notice to Fishermen

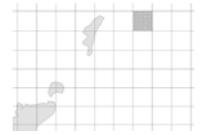
First Published: 15 May 2018 | Latest Update: 15 May 2018

New Suspended Wellhead – Structure on seabed



Please be advised that the suspended wellhead below is a potential hazard to fishing, as there is a structure on the seabed.

Structure	Operator	Position
211/23b-11	Fairfield Energy	61°16.210'N 001°25.962'E



For further information: Fairfield Energy, Tel: +44 (0)1224 320708

Notice to Fishermen

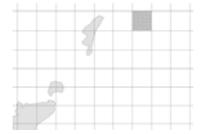
First Published: 03 May 2018 | Latest Update: 03 May 2018

Fishing Hazard – Murchison Wellhead Protection Structure



Removal of protective structure for wellhead 211/19-2 and wet storage on the seabed.

The 7.5m x 7.5m x 7.5m wellhead protection structure to be removed from the foundation structure and wet-stored alongside the space-frame on the seabed. The 8m x 8m x 7m space-frame structure remains in position fixed to the seabed with foundation piles. Both structures are considered a significant hazard due to exposed guideposts etc



Removal of the protective structure will take place in the period after 26 May 2018 and will remain in this configuration until full removal in 2019.

Well	Coordinates
Well 211/19-2	61°23.382'N 01°44.050'E

For further information: Carolyn Toshney, CNR International Ltd, Tel: +44 1224 303600 email: Carolyn.Toshney@cnrl.com

Notice to Fishermen

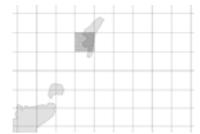
First Published: 11 January 2018 | Latest Update: 11 January 2018

Fishing Hazard – Laggan / Tormore Pipelines – Orka Voe



One 8in pipeline and one 6in umbilical from Laggan and Tormore fields are currently exposed in the nearshore section close to landfall. The exposed sections are in the following area:

60° 29.319' N	1° 15.213' W
60° 29.304' N	1° 15.108' W
60° 28.993' N	1° 15.281' W
60° 29.007' N	1° 15.386' W



Where water depth is between 20 and 35m. Fishing activities shall be avoided in this area, as there is potential for snagging.

For further information: David Colliard, Total E&P UK Limited, Tel: 01224 298172 email: david.colliard@total.com

Seabed Activity

First Published: 15 May 2018 | Latest Update: 15 May 2018

Bentley Field Well Abandonment – Wells 9/03b-6Z and 9/03b-7 & 7Z

The CSV Normand Clipper will be mobilising to the Bentley Field to fully plug & abandonment the suspended wells 9/03b-6Z and 9/03b-7 & 7Z. The work involves the placement of a cement plug and removal and recovery of the well heads and protection structures leaving a clean seabed on completion.

The work is planned to commence on the 22nd May 2018 for a period of up to 9 days. The operations will be undertaken from the CSV Normand Clipper.



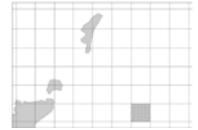
The co-ordinates for the operations are listed below:

Well	Coordinates
Well 9/03b-7 & 7Z	59°56.062'N 001°33.000'E
Well 9/03b-6Z	61°11.713'N 000°43.567'E

For further information: Sarah Kirkwood, Whalsay Energy Ltd, Tel: +44 1224 619246, Email: sarah.kirkwood@whalsayenergy.com

Utgard Field – Development Activity

Statoil and its licence partners will soon start development of the Utgard offshore gas condensate field, which is a trans-boundary field located in the central North Sea in Block 15/8 of the NCS and Block 16/18a of the UKCS. The development will be by means of two or possibly three wells drilled through a 4-slot template located on the NCS approximately 450 metres to the east of the median line.



The template is of an over-trawlable design to minimise any potential harm to fishing activities. In addition, drilling activities are scheduled at this location for the period between 1st August and 15th November 2018. Further details will be provided once available.

Installation of the template is scheduled to commence around the 28th May and continue through to 15th June 2018 and the operations will be undertaken from the Seven Arctic CSV.

The co-ordinates for the operations are listed below:

Well/Template	Coordinates
	58°21.967'N 001°32.933'E

For further information: Euan Simpson, Statoil (Production) Limited, tel: 07557 161705, email: esusi@statoil.com

Lancaster Field – Well Intervention Operations

Well intervention operations are being undertaken in the Lancaster field to the west of Shetland.



Well	Coordinates
Lancaster 205/21a-6	60°12.000'N 03°51.757'W
Lancaster 205/21a-7Z	60°11.995'N 03°51.731'W

1. Firstly, Petrofac informs of operations to be undertaken by the Transocean Paul B Loyd Jr (PBLJ) anchored semi-submersible drilling rig. Operations are currently expected to commence on 14th April 2018 and expected to last approximately 60 days.
2. Secondly, Bluewater and Hurricane informs of further works will also be undertaken by the Normand Installer and the Viking Neptune, lasting until October 2018. These operations will start with the installation of an FPSO mooring system, with activities involving the wet storage of mooring equipment, the installation of mooring piles, tensioning of mooring lines and tie in of a mooring buoy.

These operations will all be centred around the future FPSO location (60°10.794'N, 003°52.196'W), extending up to 1.3 km from this position. Activities will be concentrated on three mooring clusters, positioned to the north (60°11.393'N, 003°52.537'W), east (60°10.641'N, 003°50.991'W) and southwest (60°10.291'N, 003°53.179'W) of the FPSO locations.

For further information: Mark Ryan, Petrofac, Tel: +44(0)1224 247000 email: mark.ryan@petrofac.com and Kirsty McWilliam Lancaster EPS, M +44 7956 019208, Email: Kirsty.McWilliam@hurricaneenergy.com

Diving Activities – Ellon, Forvie, Grant, Islay, Jura

The DSV Seven Pelican (call sign: C6RE7) will be carrying out diving activities in UKCS Block 3/15 between May 28th until June 30th approximately, within the following 500m safety zones.

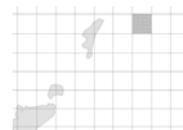


Islay	UKCS Block 3/15a	60° 33.47' N	01° 56.69' E
Jura	UKCS Block 3/15a	60° 32.66' N	01° 54.07' E
Ellon & Grant	UKCS Block 3/15b	60° 35.88' N	01° 48.44' E
Forvie North Xmas Tree	UKCS Block 3/15c	60° 30.74' N	01° 50.12' E
Forvie North Manifold	UKCS Block 3/15d	60° 31.41' N	01° 52.13' E

For further information: David Colliard, Total E&P UK Limited, Tel: 01224 298172 email: david.colliard@total.com

North Ninian – Decommissioning Activity

The Ninian North platform ceased production in 2017. As part of the next phase of decommissioning, the platform is being down-manned and will become an unmanned installation from April 2018.



The Ninian North platform will remain unmanned until decommissioning / removal of the topsides in 2019. Existing NavAids (white & red lights, fog warning, radar) are being replaced by automatic units consisting of white lights only. Platform 500m exclusion zone is still in force and the ERRV remains on location in the Ninian Field.

The platform down-manning is taking place 26 April 2018, new NavAids will be in place from 22 April 2018. The platform will remain unmanned until decommissioning in 2019.

VOS Grace ERRV Grampian Contender ERRV

The co-ordinates for the operations are listed below:

	Coordinates
Ninian North platform	60°54.333'N 01°25.172'E

For further information: Ceri Wheaton, CNR International Ltd, Tel: +44 1224 303600 email: Ceri.Wheaton@cnrl.com

Murchison – Decommissioning Activity

Well intervention works are to be carried out at the Murchison wellhead 211/19-2, to fully plug & abandon the well.



Light Well Intervention Vessel (LWIV) at the suspended wellhead 211/19-2 to fully plug & abandon the well. The work includes the removal of the upper protective structure and recovery of the wellhead. The remaining sections of the space-frame & protective structure will be left on the seabed until 2019 decommissioning.

The work is planned to commence on 26 May 2018, for a period of up to 38 days. The operations will be undertaken from the following vessel: Helix Seawell LWIV

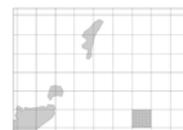
The co-ordinates for the operations are listed below:

	Coordinates
Well 211/19-2	61°23.382'N 01°44.050'E

For further information: Carolyn Toshney, CNR International Ltd, Tel: +44 1224 303600 email: Carolyn.Toshney@cnrl.com

Toni/Thelma – Development & Diving Activity

Well intervention works are to be carried out at the Toni and Thelma subsea drill centres, including diving activity.



Light Well Intervention Vessels (LWIV) will be carrying out work at the Toni manifolds, including installation of a new Xmas tree inside the structure; LWIV well workover at Thelma manifold; diving activity for the installation and testing of new flexible pipe between Toni production manifold and Toni/Thelma towhead, involving multiple DSV transits between Toni and Thelma locations, between 6km & 18km South of the Tiffany platform.

The Toni LWIV is scheduled for 4th to 21st May, Thelma LWIV from 19th to 26th May and DSV scope between 8th & 22nd May 2018. The operations will be undertaken from the following vessels: Well Enhancer LWIV. Helix Seawell LWIV. Bibby Topaz DSV

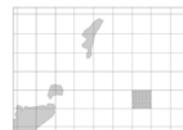
The co-ordinates for the operations are listed below:

	Coordinates
Toni production manifold	58°25.966'N 01°17.081'E
Toni water injection manifold	58°25.907'N 01°17.222'E
Toni/Thelma towhead	58°25.886'N 01°17.312'E
Thelma production manifold	58°22.435'N 01°18.530'E

For further information: Carolyn Toshney, CNR International Ltd, Tel: +44 1224 303600 email: Carolyn.Toshney@cnrl.com

Miller Field – Miller Platform Decommissioning Activity

Please be advised that from the 15th May 2018, the Saipem S7000 Heavy Lift Vessel will be in Miller field to undertake several removal campaigns, through to August 2018.



The Miller Topside and Jacket structures will be removed from the Miller field and transported to Norway for disposal. Four trips are expected during this period. There will be significant SIMOPS with several vessels within the 500m safety zone, including the Offshore Construction Vessel, Skandi Neptune.

Position: 58°45.000'N 001°19.800'E

For further information: Alistair Bridges, Petrofac Facilities Management Ltd, +44(0)1224 345425, alistair.bridges2@petrofac.com

Pelican Field Programme – Well Abandonment

TAQA Bratani is conducting well abandonment and drilling operations on a number of wells within the Pelican field.

Operations will be conducted by the Paragon MSS1 semi-submersible drilling rig, with operations expected to commence on March 1st and last for over a year. The rig will be anchored in a central location (61°02'00.705"N 1°07'45.057"E) and then skidded between wells as required.



The Paragon MSS1 is located in the Pelican field UKCS Block 211/26a, as per the details below.

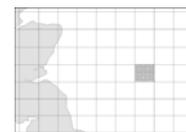
Well Number	Location	Start / Finish	Description of Work
PU-p14	61°02.022'N 001°07.700'E	01/03/18 – 28/06/18	Abandon wellbore and drill sidetrack well. Run Xmas tree
PU-p16S1	61°02.046'N 001°07.724'E	28/06/18 – 24/08/18	Reservoir Abandonment. Remove existing Xmas tree
PU-P15 & PU-P15S1	61°02.037'N 001°07.719'E	24/08/18 – 10/10/18	Reservoir Abandonment. Remove existing Xmas tree
PU-P11	61°02.026'N 001°07.766'E	10/10/18 – 09/11/18	Reservoir Abandonment. Remove existing Xmas tree
PU-P21	61°01.997'N 001°07.729'E	09/11/18 – 08/12/18	Reservoir Abandonment. Remove existing Xmas tree
PU-P10BS2	61°01.984'N 001°07.740'E	08/12/18 – 28/01/19	Reservoir Abandonment. Remove existing Xmas tree
PU-P12	61°02.017'N 001°07.760'E	28/01/19 – 26/02/19	Reservoir Abandonment. Remove existing Xmas tree

For further information: Peter Mayo, TAQA Bratani, Tel: 01224 275556, email: Peter.Mayo@taqaglobal.com

Fishing Hazard – 15mt Buoy

A 15 mt Buoy from mooring line 3 appears to have Dextron fiber grommets that failed, those grommets two of them were secured to the fiber mooring line in the main mooring system of the rig. A 85 ton shackle can be seen on the bottom end of the buoy.

56°23.735'N 02°15.315'E



The purpose of the buoy was to support the mooring rope above the subsea assets. It has been confirmed that all mooring are still fully in tack and service provider of mooring analysis confirmed that with the buoy not supporting the upper end of the fiber mooring line there should be no contact with any assets.

For further information: Erwin C Guidry, Ocean Valiant, Tel: +44 1224 501 435 email: valiant_oim@dodi.com

Seabed Activity

First Published: 12 January 2017 | Latest Update: 10 May 2018

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

The FPSO BW Catcher is now in position and connected to the Submerged Turret Production Buoy and Moorings (turret centre 56°46.207'N and 00°42.765'E). The ERRV / Standby Vessel VOS Famous is monitoring the Catcher Area developments 500m safety zone throughout operations.



Three (3) x 3.5km pipeline bundles have been installed on the seabed between the FPSO location and Drill Centres locations;

Structure	Coordinates
Catcher Drill Centre	56°46.298'N 00°46.277'E
Varadero Drill Centre	56°48.356'N 00°42.300'E
Burgman Drill Centre	56°44.567'N 00°40.623'E

The FPSO and each drill centre has an approved HSE 500m safety zone in force.

Subsea Activity

The DSV Seven Falcon is scheduled to return to the Catcher field area early June and will be conducting diving operations around the Catcher Drill Centre location for a period of approximately one month.

Spoil deposit

There is a spoil deposit adjacent to the Curlew Deep Gas Diverter structure, 6.0m diameter and 2.5m high, located at 56°43.495'N 01°42.944'E

Drilling

The ENSCO 100 drilling rig is currently located at the Catcher Drilling Template 2 (56°46.321'N & 00°46.296'E) through to the end of May 2018, when it will relocate to the Burgman field end of May / early June until the end of Q3 2018.

The shared ERRV / Standby Vessel VOS Famous is monitoring the drill rig's 500m safety zone throughout drilling operations.

For further information: Steve Quayle, Tel: 01224 914298 email: squayle@premier-oil.com

Seabed Activity

First Published: 03 May 2018 | Latest Update: 03 May 2018

Diving Activities – Elgin

The DSV Seven Pelican (call sign: C6RE7) will be carrying out diving activities in UKCS Block 22/30c between May 21st until May 28th approximately, within the following 500m safety zone.

Elgin PUQ UKCS Block 22/30c 57° 00.66' N 01° 50.17' E



For further information: David Colliard, Total E&P UK Limited, Tel: 01224 298172 email: david.colliard@total.com

Bacchus Field – Well Intervention Operations

Apache North Sea plan to carry out a light well intervention operation in the Bacchus Field (Forties) from about mid-May to mid-June using the WELL ENHANCER. She is a DP Class 3 vessel and therefore will not be moored up.

**Coordinates**

57°45.035'N 01°04.895'E

The work will involve well intervention work with the vessel being connected to the Bacchus B2 (22/06c-B2) subsea well. She will therefore be unable to manoeuvre.

Underwater operations associated with the well intervention are planned to be supported by Remotely Operated Vehicles (ROVs). However, saturation divers will also be carried in case the ROVs are unable to carry out a particular task. The duration for the works is estimated to be in the order of 30 days

For further information: Rob MacPherson, Apache North Sea, Tel: 01224 505838 email: Robert.macpherson@apachecorp.com

Harrier Field – Development Project

Ithaca Energy UK Ltd is currently developing the Harrier Field in Block 30/6A of the UK Continental Shelf.

Ithaca Energy advises that the Harrier infield pipeline construction activities shall commence between the Harrier Manifold and the FPF-1 in the Central North Sea North Sea from 05 April 2018 and continue through to June 2018.

There will be a number of vessels involved in this campaign, including pipelay, survey, trenching/backfilling and diving support related works. The vessels supporting this campaign are the following: Deep Energy, Normand Pioneer, EDT Hercules and North Sea Atlantic and Deep Explorer. The pipeline is 7.5km in length.



Structure	Coordinates
Harrier Manifold	56°43.562'N 02°05.249'E
FPF-1	56°43.845'N 02°06.542'E

For further information: Keith Stewart, Ithaca Energy, Tel: 01224 652184, email: kstewart@ithacaenergy.com

Culzean Field – CATS T5

Culzean Project hereby informs that they intend to carry out construction activities within the Culzean Field Development Area (Block 22/25A) and extending into other areas towards the CATS pipeline.



Activity	Vessel & Call Sign	Date / Duration
Tie-ins Spools Deployment	Seven Arctic 2IDZ5	16 April for about 10 days
Tie-in of the spools Barrier Testing Stella PLEM Pin Piling SSIV & PLEM	Seven Atlantic 2CBP2	2 May for about 30 days

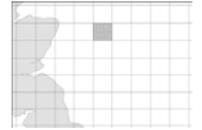
The above work will take place at the following locations:

Location	Coordinates
SSIV	57°11.463'N 001°54.730'E
Cond Riser Base	57°11.684'N 001°57.602'E
Gas Riser Base	57°11.668'N 001°57.650'E
Midline Spool 1	57°10.067'N 001°56.422'E
Midline Spool 2	57°09.101'N 001°56.205'E
PLEM T5	57°01.762'N 001°12.193'E

For further information: Sietze Akkerman, Tel: +44 (0) 1224 242461, Email: sietze.akkerman@maerskoil.com

Guillemot A Field – Drilling Operations

Anasuria Operating Company (AOC) are planning to sidetrack an existing well in the Guillemot A field. Upon arriving in the field, the rig will be hooked up with 8 anchors which have been pre-laid. (See Anchor List)



The rig is expected to complete operations and leave the Guillemot A field around 16th July 2018. The rig anchors and chain will then be recovered from the seabed by two anchor handling vessels around 18th July 2018.

Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
West Phoenix 3ETB9 SKandi Foula LNJF3 VOS Hades 2HKV9	Guillemot A Field	57°09.508'N 0°49.603'E	16/05/2018	60 Days

For further information: Andrew Mellor, Anasuria Operating Company Ltd, Tel: +44 1224 976211, Email: andrew.mellor@anasuria.co.uk

Notice to Fishermen

First Published: 15 May 2018 | Latest Update: 15 May 2018

Fishing Hazard – Pipeline Span on Hewett to Bacton (PL21)



Significant Pipeline Span on PL21 from Hewett to Bacton.

Size: Approx 37 metres long and 1 metre high.

Position: 53°01.482'N 001°43.673'E

For further information: John Entwistle Tel: 020 7344 6342 John.Entwistle@eni.com

Notice to Fishermen

First Published: 11 January 2018 | Latest Update: 19 April 2018

Fishing Hazard – Pipeline Span Hewett Field PL1173



Please note that the stabilisation undertaken in January involved the placement of concrete mattresses which reduced the span lengths to below 10m length.

53°06.662'N 001°44.180'E to 53°06.654'N 001°44.198'E

53°06.668'N 001°44.165'E to 53°06.647'N 001°44.213'E

For further information: John Entwistle Tel: 020 7344 6342 John.Entwistle@eni.com

Seabed Activity

First Published: 19 April 2018 | Latest Update: 19 April 2018

Chiswick Field – Drilling Operations

The Noble Hans Deul rig will be mobilising from Nigg to the following Chiswick field location on or around the 20th April 2018. The rig will be undertaking well workover and drilling activities and will be at that location for approximately 260 days.

Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
Noble Hans Deul	Chiswick Field	53°56.390'N 002°44.828'E	20/04/2018	260 Days

For further information: Lyndsay Arthur, Spirit Energy, Tel: +44(0) 1224 415 150 email: lyndsay.aethur@spirit-energy.com

Seabed Activity

First Published: 08 March 2018 | Latest Update: 08 March 2018

Clipper – Pipeline Construction Works

Pipeline construction activities shall commence between the Clipper South and Clipper platforms in the Southern North Sea from 01 April 2018 and continue through to October 2018.

There will be a range of vessels involved in pipelay, survey, rockdump and diving support related works, including, but not limited to the following: Deep Energy, Normand Pioneer, EDT Hercules, Nordnes

	Location
Clipper South Platform	53°24.224'N 001°46.968'E
Clipper Platform	53°27.480'N 001°43.922'E

For further information: Phillip Jones, INEOS Oil and Gas UK, Tel: +44 (0) 203 935 5278 email: phillip.jones@ineos.com

Area 1 Rig List

Latest Update: 14 May 2018

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
New	Rowan Gorilla 7	58°01.70'N 01°42.90'E		Safe Scandinavia	60°41.90'N 02°55.90'E
	EnSCO 80	58°08.90'N 03°01.20'W	New	COSL Promoter	60°47.10'N 03°33.30'E
	Maersk Integrator	58°34.30'N 01°41.80'E		West Hercules	60°49.10'N 04°09.20'W
	COSL Innovator	58°48.50'N 02°16.10'E	New	Songa Endurance	60°49.90'N 03°36.10'E
	Rowan Viking	58°50.60'N 02°14.90'E	New	Songa Equinox	60°52.00'N 03°33.40'E
New	Maersk Interceptor	58°55.30'N 02°11.90'E		Ocean Guardian	60°56.70'N 01°33.80'E
	Deepsea Bergen	58°58.30'N 02°17.60'E		Paragon MSS1	61°02.00'N 01°07.80'E
New	Maersk Gallant	Dundee	New	Transocean Leader	61°11.80'N 00°43.70'E
	Safe Boreas	59°35.20'N 01°03.20'E		Transocean 712	61°19.40'N 01°32.10'E
	Noble Lloyd Noble	59°35.40'N 01°03.40'E		Deepsea Atlantic	61°26.10'N 02°35.20'E
New	Deepsea Aberdeen	60°20.10'N 04°02.30'W		Transocean Arctic	Stavanger
New	Maersk Intrepid	60°30.30'N 02°00.90'E			

Area 2 Rig List

Latest Update: 14 May 2018

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
New	Maersk Resilient	55°32.20'N 05°01.90'E		Rowan Gorilla V	56°58.02'N 01°52.19'E
	Maersk Guardian	55°43.30'N 04°48.10'E		Ocean Patriot	57°08.60'N 02°16.60'E
	Noble Sam Turner	55°48.20'N 04°33.60'E		Maersk Highlander	57°11.70'N 01°54.80'E
	Maersk Innovator	56°22.60'N 03°15.50'E		Paul B Loyd Jnr	57°17.40'N 01°22.40'E
	EnSCO 120	56°43.50'N 02°12.50'E		Stena Spey	57°17.80'N 01°21.90'E
	EnSCO 100	56°46.40'N 00°46.40'E		COSL Pioneer	57°51.00'N 00°37.00'W

Area 3 Rig List

Latest Update: 14 May 2018

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Maersk Resolve	52°52.30'N 04°10.20'E		Prospector 1	53°40.00'N 06°17.70'E
	Seafox 4	53°04.60'N 02°11.10'E		Seafox 1	53°42.20'N 01°09.00'E
New	Paragon C20051	53°07.40'N 02°25.50'E		Paragon B391	53°50.50'N 02°52.10'E
	EnSCO 72	53°08.40'N 03°02.60'E	New	Noble Hans Deul	53°22.60'N 02°06.70'E
	590021	53°14.00'N 03°14.50'E		EnSCO 92	54°12.20'N 02°27.10'E
	EnSCO 122	53°14.40'N 04°05.00'E		EnSCO 121	54°35.70'N 00°26.00'E
New	Seajacks Leviathan	53°22.60'N 02°06.70'E		EnSCO 101	54°36.00'N 02°11.80'E

Area 5 Rig List

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Irish Sea Pioneer	53°32.20'N 03°34.80'W		GMS Endurance	53°53.50'N 03°37.50'W

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.

Pre-Laid Anchors – Clair Ridge Field

BP wish to advise that 10 anchors have been installed at the Clair Ridge field in preparation for the arrival of the Safe Caledonia Floatel later in the month. The table below summarises the positions within the field:

Anchor No.	Anchor Position	Surface Buoy	Comments
1	60°43.623'N 02°32.863'W	60°43.752'N 02°32.264'W	Anchor Pre-Laid
2	60°44.121'N 02°33.082'W	60°44.145'N 02°32.401'W	Anchor Pre-Laid
3	60°45.445'N 02°31.727'W	60°45.148'N 02°31.323'W	Anchor Pre-Laid
4	60°45.456'N 02°30.689'W	60°45.141'N 02°30.548'W	Anchor Pre-Laid
5	60°44.796'N 02°27.801'W	60°44.625'N 02°28.483'W	Anchor Pre-Laid
5A	60°44.851'N 02°27.586'W	N/A	Piggyback anchor
6	60°44.597'N 02°27.658'W	60°44.488'N 02°28.358'W	Anchor Pre-Laid
7	60°43.076'N 02°29.170'W	60°43.428'N 02°29.414'W	Anchor Pre-Laid
8	60°43.000'N 02°29.749'W	60°43.373'N 02°29.792'W	Anchor Pre-Laid
9	60°43.320'N 02°32.032'W	60°43.593'N 02°31.442'W	Anchor Pre-Laid
9A	60°43.237'N 02°32.206'W	N/A	Piggyback anchor
9B	60°43.169'N 02°32.356'W	N/A	Piggyback anchor
10	60°45.468'N 02°29.800'W	60°45.136'N 02°29.894'W	Anchor Pre-Laid

Deepsea Aberdeen - Schiehallion West Drill Centre– Anchor Laid Down

The rig is currently operating on DP and is not connected to any anchors

Anchor No.	Position	Lay-down Pennant	Chain End
Rig	60°19.883'N 04°06.255'W		
1	60°19.267'N 04°09.177'W	60°19.335'N 04°07.655'W	60°19.568'N 04°07.782'W
4	60°21.127'N 04°04.926'W	60°21.019'N 04°05.250'W	60°20.891'N 04°05.185'W
5	60°20.420'N 04°03.692'W	60°20.184'N 04°04.805'W	60°20.302'N 04°04.241'W
8	60°18.407'N 04°07.402'W	60°19.156'N 04°06.778'W	60°19.108'N 04°06.844'W

Schiehallion North West Drill Centre- Anchor Laid Down

Anchor No.	Position	Chain End
5	60°23.344'N 04°04.001'W	60°23.212'N 04°04.641'W
6	60°22.413'N 04°04.079'W	60°22.552'N 04°04.656'W

Schiehallion Central – Anchor Pre-Laid

Anchor No.	Position	Surface Buoy
1	60°19.611'N 04°05.485'W	60°19.813'N 04°04.136'W
2	60°20.644'N 04°04.774'W	60°20.438'N 04°03.949'W
3	60°21.335'N 04°03.099'W	60°21.049'N 04°02.940'W
4	60°21.435'N 04°00.944'W	60°20.769'N 04°01.662'W
5	60°20.450'N 03°59.365'W	60°20.254'N 04°00.834'W
6	60°19.266'N 03°59.680'W	60°19.651'N 04°00.988'W
7	60°18.493'N 04°01.641'W	60°19.226'N 04°02.001'W
8	60°18.624'N 04°04.036'W	60°19.277'N 04°03.276'W

All other anchors within the Schiehallion field have been recovered.

– As Laid at Kraken DC4

Anchor No.	Anchor Position	Chain End (Estimated)	Chain Pennant End	Anchor Pennant End
1	59°56.66'N 01°14.79'E	59°56.41'N 01°14.67'E	59°56.36'N 01°14.44'E	59°56.68'N 01°14.97'E
2	59°56.47'N 01°15.99'E	59°56.23'N 01°15.79'E	59°56.12'N 01°15.89'E	59°56.53'N 01°15.88'E
3	59°55.96'N 01°16.58'E	59°55.84'N 01°16.11'E	59°55.71'N 01°16.04'E	59°56.06'N 01°16.57'E
4	59°55.45'N 01°16.18'E	59°55.84'N 01°15.47'E	59°55.94'N 01°15.56'E	59°55.51'N 01°16.30'E
5	59°55.22'N 01°15.22'E	59°55.58'N 01°15.39'E	59°56.03'N 01°15.45'E	59°55.20'N 01°15.04'E
6	59°55.27'N 01°14.04'E	59°55.53'N 01°14.23'E	59°55.55'N 01°14.07'E	59°55.18'N 01°13.90'E
7	59°55.80'N 01°13.43'E	59°55.74'N 01°13.95'E	59°55.63'N 01°14.05'E	59°55.79'N 01°13.26'E
8	59°56.37'N 01°13.72'E	59°56.15'N 01°13.98'E	59°56.02'N 01°13.88'E	59°56.44'N 01°13.55'E

Transocean 712 – At Osprey

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	61°19.400'N 001°32.100'E	3	61°20.113'N 001°33.270'E	6	61°18.074'N 001°33.551'E
1	61°19.792'N 001°31.340'E	4	61°19.700'N 001°33.985'E	7	61°18.656'N 001°31.970'E
2	61°20.112'N 001°32.162'E	5	61°19.080'N 001°34.219'E	8	61°19.210'N 001°31.331'E

Blackford Dolphin – As Laid Pattern Captain B

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	58°18.001'N 01°42.492'W	3	58°18.869'N 01°42.727'W	6	58°17.298'N 01°41.225'W
1	58°18.239'N 01°44.023'W	4	58°18.698'N 01°41.400'W	7	58°17.054'N 01°42.489'W
2	58°18.646'N 01°43.554'W	5	58°17.877'N 01°40.638'W	8	58°17.437'N 01°44.025'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

West Pheonix - Anasuria Cluster – Guillemot A Field – Pre-laying Anchors

Anasuria Operating Company (AOC) are planning to sidetrack an existing well in the Guillemot A field. Prior to mobilising the drilling rig, AOC are planning to pre-lay 8 anchors in the field. The anchors will be deployed in the proposed position and tensioned up to 150MT. Two anchor handling vessels will be mobilising to the field on 2nd May 2018 (at the earliest) with the vessel due on location around the 4th May 2018. The total anchor pre-laying operation is expected to take around 2 days from the date of the vessel arriving in location.

Anchor No.	Anchor Position	Laydown Pennant	Anchor Position	Laydown Pennant
1	57°09.508'N 0°49.603'E	57°09.782'N 0°49.444'E	5	57°10.633'N 0°49.801'E
2	57°09.695'N 0°48.986'E	57°09.949'N 0°49.228'E	6	57°10.409'N 0°50.321'E
3	57°10.031'N 0°48.729'E	57°10.118'N 0°49.346'E	7	57°10.014'N 0°50.599'E
4	57°10.458'N 0°48.882'E	57°10.399'N 0°49.155'E	8	57°09.643'N 0°50.321'E

COSL Pioneer – At Blackbird

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	57°50.083'N 00°37.677'W	3	57°50.324'N 00°35.977'W	6	57°49.176'N 00°38.128'W
1	57°51.096'N 00°38.171'W	4	57°49.847'N 00°35.972'W	7	57°49.813'N 00°39.571'W
2	57°51.116'N 00°37.369'W	5	57°49.174'N 00°37.234'W	8	57°50.431'N 00°39.527'W

Blackbird - 20/2a-9

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
6	57°50.052'N 00°37.523'W				

PBLJ – At Shaw CG Well – As Laid

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	57°17.360'N 001°22.280'E	3	57°17.460'N 001°23.710'E	6	57°16.720'N 001°21.460'E
1	57°18.360'N 001°22.330'E	4	57°16.970'N 001°23.310'E	7	57°17.220'N 001°20.570'E
2	57°18.020'N 001°23.120'E	5	57°16.580'N 001°22.500'E	8	57°17.960'N 001°20.390'E

Culzean – Culzean FSO Anchors

Anchor No.	Anchor Position	Chain End	Anchor Position	Chain End
			7	57°11.068'N 001°58.558'E
1	57°11.723'N 001°56.154'E	57°11.723'N 001°56.325'E	8	57°11.096'N 001°58.621'E
2	57°11.681'N 001°56.149'E	57°11.685'N 001°56.321'E	9	57°12.444'N 001°58.413'E
3	57°11.636'N 001°56.153'E	57°11.647'N 001°56.323'E	10	57°12.464'N 001°58.343'E
4	57°11.594'N 001°56.167'E	57°11.611'N 001°56.336'E	11	57°12.483'N 001°58.271'E
5	57°11.021'N 001°58.423'E	57°11.103'N 001°58.341'E	12	57°12.500'N 001°58.195'E
6	57°11.039'N 001°58.495'E	57°11.117'N 001°58.404'E		

Catcher FPSO –

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



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

Area 1

Survey List

Latest Update: 17 May 2018

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
BP Exploration Fugro Venturer C6CG3	Autonomous Underwater Vehicle	60°20.796'N 04°23.011'W 60°20.741'N 04°18.411'W 60°16.852'N 04°16.009'W 60°15.750'N 04°18.380'W 60°16.037'N 04°23.677'W 60°16.890'N 04°25.291'W 60°19.834'N 04°25.077'W	Q204/19, Q204/23, Q204/24	01/06/18 - 30/06/18 For 4 days
BP Exploration Fugro Venturer C6CG3	Autonomous Underwater Vehicle	60°22.404'N 04°17.063'W 60°24.998'N 04°11.457'W 60°22.220'N 04°06.224'W 60°19.630'N 04°11.829'W	Q204/19, Q204/20, Q204/24, Q204/25	01/06/18 - 30/06/18 For 3 days
Fugro Fugro Venturer C6CG3		60°20.802'N 004°22.803'E 60°20.748'N 004°18.203'E 60°16.859'N 004°15.801'E 60°15.756'N 004°18.172'E 60°16.044'N 004°23.469'E 60°16.897'N 004°25.083'E 60°19.840'N 004°24.868'E	204	28/05/2018 - 28/07/2018 For 3 Days
Fugro Survey Ltd M/V Fugro Galaxy C6YY4	1300m 3m	61°41.401'N 001°26.852'E 61°41.352'N 001°31.387'E 61°39.198'N 001°31.281'E 61°39.247'N 001°26.751'E 61°40.094'N 001°27.058'E 61°40.045'N 001°31.590'E 61°37.891'N 001°31.484'E 61°37.940'N 001°26.961'E 61°38.887'N 001°27.417'E 61°38.838'N 001°31.946'E 61°36.684'N 001°31.839'E 61°36.734'N 001°27.316'E 61°38.128'N 001°31.420'E	61°37.348'N 001°35.639'E 61°35.340'N 001°33.999'E 61°36.120'N 001°29.784'E 61°34.933'N 001°34.129'E 61°34.879'N 001°38.647'E 61°32.726'N 001°38.533'E 61°32.779'N 001°34.020'E 61°32.939'N 001°37.340'E 61°32.885'N 001°41.854'E 61°30.731'N 001°41.736'E 61°30.786'N 001°37.228'E	14/05/2018 - 31/08/2018 For 24 Days
PGS Exploration (UK) Ltd Sanco Swift ZDKY8		58°17.782'N 000°53.551'W 58°18.108'N 003°03.168'W 58°33.186'N 003°02.017'W 58°40.021'N 002°45.247'W 58°42.237'N 002°32.856'W 58°42.175'N 000°53.849'W 58°02.393'N 000°59.954'W 57°41.644'N 001°55.428'W 57°42.549'N 002°06.672'W 57°41.149'N 002°11.383'W 57°42.517'N 002°19.913'W 57°41.502'N 002°22.381'W 57°47.869'N 003°03.079'W 57°49.636'N 003°04.084'W 58°00.417'N 003°03.956'W 58°08.553'N 002°42.076'W 58°11.575'N 002°41.835'W 58°28.037'N 001°55.431'W	11, 12, 13, 14, 17, 18,19	14/05/2018 - 31/10/2018 For 110 Days
Ocean Vantage Gardline		2 Deep Borehole Surveys 1. 58°45.807'N 001°12.838'E 2. 58°47.874'N 001°08.027'E		13/05/2018 - 31/05/2018
Gardline Geosurvey Ltd M/V Ocean Vantage HP6188		58°47.633'N 000°12.424'E 58°45.924'N 001°12.926'E	16	05/05/2018 - 30/06/2018 For 2 Days
Fugro Survey Ltd M/V Fugro Galaxy C6YY4	230m 1m	61°36.364'N 001°30.149'E 61°36.300'N 001°35.802'E 61°33.608'N 001°35.664'E 61°33.672'N 001°30.019'E	211	01/05/2018 - 31/08/2018 For 7 Days
Schlumberger TBA		61°29.653'N 001°45.383'W	208	01/05/2018 - 31/12/2018 For 0.5 Days

EMGS ASA Atlantic Guardian LAEU6		59°39.787'N 001°09.017'E 59°36.719'N 001°54.144'E 59°32.964'N 001°51.890'E 59°19.964'N 001°04.142'E 59°17.366'N 001°42.602'E 58°56.604'N 001°37.013'E 58°56.758'N 001°27.406'E		01/05/2018 - 30/06/2018 For 20 Days
Statoil Geo Coral LACA8 Geo Caribbean LADV8		58°44.181'N 001°24.548'E 58°56.030'N 001°24.004'E 58°56.418'N 002°03.606'E 58°44.566'N 002°03.927'E	16	01/05/2018 - 30/05/2018
PGS Exploration (UK) Ltd Sanco Swift ZDKY8		58°09.546'N 000°30.880'W 58°09.546'N 000°30.651'W 58°09.965'N 000°30.651'W 58°09.974'N 000°24.873'E 57°50.163'N 000°24.905'E 57°46.106'N 000°24.017'W 57°46.047'N 000°34.267'W 57°57.650'N 000°34.291'W 57°58.497'N 000°31.022'W 58°09.169'N 000°31.069'W 58°09.546'N 000°30.880'W		01/05/2018 - 30/06/2018
TBC		58°15.633'N 000°12.424'E 58°13.520'N 000°13.387'E		30/04/2018 - 31/07/2018 For 3 Days
PGS Exploration (UK) Ltd Sanco Swift ZDKY8		58°32.916'N 000°41.580'E 58°33.169'N 001°05.415'E 57°40.649'N 000°44.040'E 57°40.897'N 000°26.214'E 57°31.938'N 000°22.290'E 57°31.984'N 001°01.209'W 58°32.939'N 000°36.390'W 58°32.968'N 000°23.598'W 58°38.976'N 000°21.037'W 58°39.644'N 000°44.314'E	14, 15, 16, 20, 21	15/04/2018 - 31/10/2018 For 152 Days
CGG Services S.A Geo Coral LACA8	8000m 18m	58°19.373'N 000°05.168'E 58°19.595'N 000°20.234'E 57°46.735'N 000°21.042'E 57°46.570'N 000°03.973'E	14, 15, 20, 21	01/04/2018 - 30/09/2018 For 7 Days
CGG Services S.A TBA	8000m 18m	60°55.944'N 000°54.803'E 60°56.716'N 002°03.420'E 60°23.225'N 002°09.819'E 60°22.435'N 000°56.952'E	2, 3	01/04/2018 - 30/09/2018 For 30 Days
MG3 (Survey) UK Ltd MV Poseidon TFJC		61°14.474'N 000°43.133'E 61°11.312'N 000°46.700'E 61°10.283'N 000°42.780'E 61°13.444'N 000°39.209'E		12/02/2018 - 31/05/2018 For 5 Days
Gardline Geo survey Ltd Ocean Observer GHXX	1200m 3m	58°22.861'N 000°51.280'E 58°22.705'N 000°57.451'E 58°21.448'N 001°04.546'E 58°18.610'N 000°58.378'E	15, 16	22/01/2018 - 30/06/2018 For 10 Days
Gardline Geo survey Ltd Ocean Kommandor PBQW Ocean Observer GHXX	1200m 3m	59°26.867'N 001°37.738'E 59°26.610'N 001°43.004'E 59°21.252'N 001°41.990'E 59°21.509'N 001°36.738'E	9	21/03/2018 - 31/12/2018 For 2 Days

Area 2 Survey List

Latest Update: 17 May 2018

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
Shell UK Ltd Nelson Field Seismic vessel TBC	6000km 8m	57°43.6172'N 001°10.0100'E 57°42.0333'N 001°16.0775'E 57°38.7743'N 001°16.1187'E 57°34.8747'N 001°08.1812'E 57°39.1295'N 001°01.0230'E	22	15/05/2018 - 05/06/2018 For 20 Days
Shearwater GeoServices M/V Polar - 5BJC3 Sanco Sky - ZDHW8 Glomar - HO4049 Harrier Explorer 3EIE3 Nordic Explorer C6TU3	6700m 8m	57°18.847'N 001°45.761'E 57°06.773'N 001°24.837'E 56°45.334'N 002°06.344'E 56°56.848'N 002°26.500'E 56°57.997'N 002°25.943'E	22; 23; 29; 30	15/05/2018 - 07/07/2018 For 26 Days
Shearwater Geo Services M/V Polar Duchess 5BJC3 Sanco Sky ZDHW8 Glomar Avoir HO4049 Nordic Explorer C6TU3	6700m 5m	57°49.250'N 001°30.894'E 57°41.997'N 001°37.675'E 57°23.702'N 000°59.905'E 57°35.770'N 000°39.190'E 57°54.859'N 001°17.873'E	22	15/05/2018 - 30/06/2018 For 26 Days

CGG Geo Coral LACA8 Geowave Caribbean LADV8	15m 7m	58°53.605'N 001°35.569'E	16	01/05/2018 - 01/10/2018 For 1 Day
Fugro Survey Ltd Fugro Scout 3FYP4		57°24.307'N 001°35.904'E	22	01/05/2018 - 31/05/2018 For 2 Days
Gardline Ltd M/V Kommandor MCJO2		57°09.977'N 002°15.419'E 57°01.784'N 001°57.113'E	22, 23, 29, 30	04/04/2018 - 15/07/2018 For 12 Days
Gardline Ltd M/V Kommandor MCJO2		57°09.977'N 002°15.419'E 56°43.474'N 001°42.809'E	23, 30, 29, 22	04/04/2018 - 15/07/2018 For 12 Days
Gardline Ltd Ocean Reliance HP6391	300m 80m	57°17.247'N 002°10.797'E 57°30.593'N 002°02.448'E	23	03/04/2018 - 26/05/2018 For 23 Days
Gardline Geosurvey Ltd MV Ocean Kommandor PBQW Sea Explorer C6NG6		57°19.242'N 001°37.327'E 57°17.775'N 001°42.500'E 57°14.904'N 001°39.865'E 57°11.521'N 001°45.451'E 57°09.441'N 001°47.017'E 57°07.265'N 001°37.481'E 57°15.200'N 001°33.264'E	22	21/03/2018 - 31/12/2018 For 3 Days
Gardline Geosurvey Kommandor PBQW	1200m 3m	57°53.967'N 000°59.687'W 57°53.788'N 000°48.813'W 57°46.787'N 000°49.237'W 57°46.965'N 001°00.075'W	20	18/03/2018 - 01/07/2018 For 3 Days

Area 3 Survey List

Latest Update: 17 May 2018

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
Geo XYZ Uk Ltd Geo Cean II LXXH		53°06.673'N 002°29.623'E 53°05.487'N 002°29.623'E 53°05.478'N 002°27.666'E 53°06.665'N 002°27.652'E	49	22/05/2018 - 30/06/2018 For 2 Days
Geo XYZ Uk Ltd Geo Cean II LXXH		52°53.764'N 002°36.582'E 52°52.578'N 002°36.593'E 52°52.571'N 002°34.631'E 52°53.757'N 002°34.620'E	53	22/05/2018 - 30/06/2018 For 2 Days
Gardline MV Fugro Scout		Area: 54°37.975'N 002°19.672'E 54°37.980'N 002°20.602'E 54°37.980'N 002°20.602'E 54°37.975'N 002°19.672'E	44	16/05/2018 - 26/05/2018
Shearwater GeoServices M/V Polar Duchess 5BJC3		54°11.104'N 000°48.269'E 53°54.744'N 000°48.193'E 53°54.632'N 000°10.608'E 54°11.007'N 000°10.329'E	42 & 47	14/05/2018 - 30/09/2018 For 32 Days
Gardline Ocean Reliance HP6391	50m 10m	54°32.467'N 001°34.516'E 54°35.054'N 002°07.175'E 54°32.874'N 002°07.327'E 54°30.387'N 001°34.608'E	43 & 44	15/04/2017 - 30/05/2018 For 25 Days
Eni UK Ltd FPV Mprven MBFQ6		53°08.010'N 001°28.869'E 52°53.236'N 001°28.869'E 52°53.236'N 001°56.018'E 53°08.010'N 001°56.685'E	52; 48	17/02/2018 - 31/05/2018

Area 5 Survey List

Latest Update: 17 May 2018

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
Bibby HydroMap Limited Bibby Athena 2ICA5	120m / -	Southern Irish Sea Pipelines: https://twitter.com/Kingfisherinfo/status/996687172316131329	-	24/05/2018 For 30 days
James Fisher & Sons plc Halcyon days MDFP2 Fast Fisher 2GGN4		53°23.240'N 003°25.270'W 53°23.215'N 003°21.398'W 53°21.397'N 003°18.967'W 53°21.077'N 003°23.251'W	110	01/05/2018 - 31/12/2018 For 25 Days