

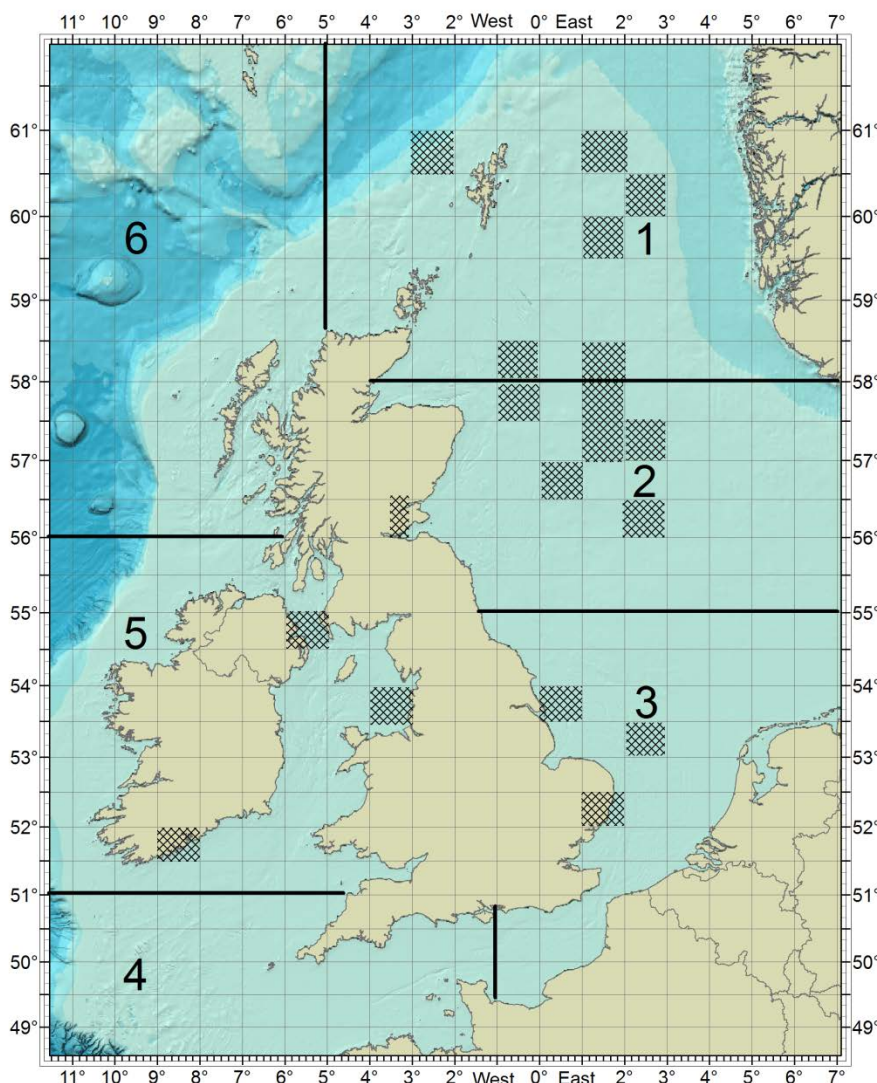
# Kingfisher Bulletin

## Offshore News

Oil & Gas

30 November 2017 | Issue 24

Shaded blocks indicate activity.



What's inside?

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## Support

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](http://www.fishsafe.eu/en/contact-us/funding)

## Information







Information contained within the Kingfisher Bulletin comes from a variety of sources, although is in the majority, supplied directly to Kingfisher from the offshore operating industry, or government licensing authorities.




Coordinates within the Kingfisher Bulletin are converted into World Geodetic System 1984 (WGS84) and displayed as degrees, minutes and decimal minutes, to three decimal places (ddd°mm.mmm'). Route or boundary coordinates may be simplified for ease of use.



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## New Hazards

Area 1		Hazard List		
Hazard Type	Position	Issue Date	Contact Details	Map
Anchor / scrap steel chain from previous Metocean Buoy	59°40.966'N 001°07.947'E	30 Nov 2017	<a href="mailto:ekusi@statoil.com">ekusi@statoil.com</a>	
New wellhead	60°40.123'N 02°23.828'W	16 Nov 2017	<a href="mailto:nick.strachan@uk.bp.com">nick.strachan@uk.bp.com</a>	
Large Tyre Fender	59°36.400'N 001°08.500'E	02 Nov 2017	<a href="mailto:rawe@statoil.com">rawe@statoil.com</a>	
Crane hook, approximate size: 5ft X 3.5ft and 1.3 tonnes	58°28.199'N 000°25.988'W	05 Oct 2017	<a href="mailto:r.hall@sff.co.uk">r.hall@sff.co.uk</a>	
Pipeline Span Length 21m Height 2m	60°54.521'N 001°37.699'E	24 Aug 2017	<a href="mailto:jonathan.hoare@cnrl.com">jonathan.hoare@cnrl.com</a>	
AXS Bundle Span – Alba Field 10m span length and 0.8m span depth	58°02.592'N 001°05.106'E to 58°02.607'N 001°05.088'E	29 June 2017	<a href="mailto:pat.dasgupta@chevron.com">pat.dasgupta@chevron.com</a>	

Area 2		Hazard List		
Hazard Type	Position	Issue Date	Contact Details	Map
CATS Pipeline (Groups of structures)	57°01.734'N 001°12.154'E 57°22.099'N 001°28.205'E 57°01.752'N 001°12.124'E 56°39.909'N 001°12.196'E	30 Nov 2017	<a href="mailto:blair.mckay@woodplc.com">blair.mckay@woodplc.com</a>	
Disused Well over abandoned 30/19-1	56°26.754'N 002°42.194'E	02 Nov 2017	<a href="mailto:mark.grovesmith@maerskoil.com">mark.grovesmith@maerskoil.com</a>	
Clump weight ballast. Approx 100Kg 70cm in diameter and 25cm tall.	57°04.674'N 002°04.542'E	11 Oct 2017	<a href="mailto:nick.strachan@uk.bp.com">nick.strachan@uk.bp.com</a>	

Area 3		Hazard List		
Hazard Type	Position	Issue Date	Contact Details	Map
Pipeline Span: Juliet Export Line 15m x 1.3	53°33.726'N 00°59.092'E	07 Sept 2017	<a href="mailto:david.hawkins@gdfsuezep.co.uk">david.hawkins@gdfsuezep.co.uk</a>	
Wreck of MV Ella	52°25.230'N 001°49.670'E	11 July 2017	<a href="mailto:lee.cornwell@innogy.com">lee.cornwell@innogy.com</a>	

Area 5		Hazard List		
Hazard Type	Position	Issue Date	Contact Details	Map
2 x pipeline spans 2 metres high and 16 metres and 12 metres long	54°59.484'N 005°13.235'W	25 July 2017	<a href="mailto:kingfisher@seafish.co.uk">kingfisher@seafish.co.uk</a>	

**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.**

## Notice to Fishermen

First Published: 30 November 2017 | Latest Update: 30 November 2017

## Fishing Hazard – Anchor / Scrap steel chain from Met Buoy



Anchor / scrap steel chain from previous Metocean Buoy. The mooring rope and flotation have been recovered but the anchor remains on the seabed.

Approximate Position: **59°40.966'N 001°07.947'E**



For further information: Euan Simpson, Statoil (UK) Limited, tel: 07557 161705, email: [eusi@statoil.com](mailto:eusi@statoil.com)

## Notice to Fishermen

First Published: 15 November 2017 | Latest Update: 15 November 2017

## Fishing Hazard – New wellhead



A new wellhead has been installed on the seabed at the below location. This is 2.45m above the seabed.

Approximate Position: **60°40.123'N 02°23.828'W**



For further information: Nick Strachan, BP Tel: +44(0)1224 955089 email: [nick.strachan@uk.bp.com](mailto:nick.strachan@uk.bp.com)

## Notice to Fishermen

First Published: 02 November 2017 | Latest Update: 02 November 2017

## Fishing Hazard – Debris Large Tyre Fender



Please be advised that a large tyre/fender was found by vessel Boy Andrew that could not be recovered to shore. It is not known whether this item is old-field related, but it is reported for fishing awareness.

Approximate Position: **59°36.400'N 001°08.500'E**



For further information: Ray Wells, Statoil (UK) Limited, tel: 07771 918018, email: [rawe@statoil.com](mailto:rawe@statoil.com) or Euan Simpson, Statoil (Production) Limited, tel: 07557 161705, email: [eusi@statoil.com](mailto:eusi@statoil.com)

## Notice to Fishermen

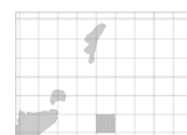
First Published: 05 October 2017 | Latest Update: 05 October 2017

## Fishing Hazard – Dropped Oil &amp; Gas Debris (est. 1.3 tonnes)



Please be advised that a fishing vessel has snagged and being unable to recover a large item oil & gas debris. The item appears to be a crane hook, approximate size: 5ft X 3.5ft and 1.3 tonnes

The item was consequently returned to the seabed at: **58°28.199'N 000°25.988'W**



For further information: Raymond Hall, SFF, Tel: 01224 646944 email: [r.hall@sff.co.uk](mailto:r.hall@sff.co.uk)

## Notice to Fishermen

First Published: 15 June 2017 | Latest Update: 15 June 2017

## Abandoned Wellhead – Plugged and Abandoned

Please be advised that the abandoned wellhead below, No overtrawlability done yet, rough ground may be experienced.

Structure	Total	Operator	Position
3/30-7			60°03.710'N 001°59.140'E



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

## Seabed Activity

First Published: 21 May 2014 | Latest Update: 28 November 2017

## Edradour / Glenlivet Field Development – Construction Activities

Please note that TEPUK have three new permanent subsea 500m safety zones which came into effect 14 July 2015 at Edradour & Glenlivet, and 3 July 2017 at Edradour PLEM location.

Attention is drawn that FishSAFE units currently display a 200m radius zone (as opposed to the statutory 500m radius Safety Zone in force) as Hazard area centred on Edradour PLEM. Fishermen are therefore kindly requested to avoid this area.

All construction works have now been completed, and a guard vessel remains on site. MV "Searcher" (BF205), Call Sign: MKJF6, is acting as guard vessel at the Edradour PLEM location: 60°54.66'N 02°32.26'W

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



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

## Seabed Activity

First Published: 19 October 2017 | Latest Update: 19 October 2017

## Everest / Atlantic/ Cromarty Fields – Wellhead Recovery Works

Please be advised that we are planning to execute a campaign of subsea wellhead and Xmas tree recoveries using the OCV Edda Freya at the following locations between approx. 15-October and 5-November 2017

Area	Coordinates	Activity	Duration
Everest 22/10a-5	57°45.210'N 001°52.204'E	Subsea wellhead recovery	24hrs
Everest 22/10a-4	57°44.135'N 001°50.448'E	Subsea wellhead recovery	24hrs
Everest 22/09-3	57°44.940'N 001°47.030'E	Subsea wellhead recovery	24hrs
Everest 22/09-2	57°46.637'N 001°46.247'E	Subsea wellhead recovery	24hrs
Atlantic 14/26a-A1y	58°00.857'N 000°53.582'E	Subsea Xmas Tree and wellhead recovery	36hrs
Atlantic 14/26a-A2z	58°00.910'N 000°53.541'E	Subsea Xmas Tree and wellhead recovery	36hrs
Cromarty 13/30a-6z	58°03.245'N 001°04.374'E	Subsea Xmas Tree and wellhead recovery	36hrs



For further information: Patrick McGrath, Shell UK Ltd, Tel: +447500104167 email: [Patrick.mcgrath@shell.com](mailto:Patrick.mcgrath@shell.com)

## Seabed Activity

First Published: 24 March 2016 | Latest Update: 05 September 2017

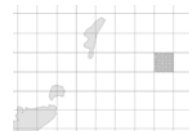
## Martin Linge Project – NOCS Blocks 30/4 &amp; 30/7a

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

A steel jacket (topsides to be installed summer 2017) at the following locations: 60°30.34' N 02°00.79' E and 60°29.87' N 02°04.42' E.

From 15th July 2016 Total Norway have a new 500m radius safety zone at the submerged STL buoy prior to the arrival of a floating storage vessel (FSO) planned to arrive Q4 2017 centred on the following location: 60° 29.87' N 02° 04.42' E

A guard vessel will be present in the area until the FSO arrives in late 2017.



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

## Deployment of Buoys

First Published: 30 November 2017 | Latest Update: 30 November 2017

## Mariner Field – New Waverider Metocean Buoy

New waverider Metocean Buoy has been installed in the Mariner Field. The surface buoy is yellow, 1.6m diameter, is lit according to IALA standards; fl(5) y 20s

Location : 59°35.385'N 01°02.233'E (this position is for the anchor, the buoy has freedom to move on the surface in a circle with radius 180m)



For further information: Euan Simpson, Statoil (UK) Limited, tel: 07557 161705, email: [ekusi@statoil.com](mailto:ekusi@statoil.com)

## Deployment of Buoys

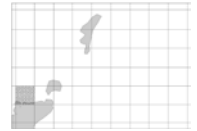
First Published: 29 June 2017 | Latest Update: 30 November 2017

## North and East Coast – Acoustic receiver deployments

Marine Scotland Science intends to install 8 moorings on the north and East coast of Scotland. The moorings will hold research equipment that support hydrophone receivers that log the presence of salmon adults tagged with acoustic ID tag transmitters migrating from Armadale on the North coast.

Below is a table with the proposed locations of these moorings. Once the moorings are in the water, the locations will be confirmed and updated with as-laid positions. Deploying these moorings between 25th June-10th July 2017. . The moorings will be removed by the 30th of January 2018.

The moorings will have no surface markers and will be located on the seabed, extending vertically no more than 3 metres. They will be acoustically released and the entire mooring will be recovered.



Mooring	Depth	Coordinates
1	15m	55°52.518'N 002°04.175'W
2	15m	56°16.728'N 002°34.509'W
3	15m	57°42.039'N 001°59.989'W
4	10m	57°43.750'N 003°17.051'W
5	7m	58°07.363'N 003°36.665'W
6	20m	58°34.267'N 004°28.865'W
7	30m	58°34.488'N 004°28.673'W
8	30m	58°34.667'N 004°28.555'W

For further information: David Morris, Marine Scotland Science, Tel: +44(0)1224 294411 email: [DavidMorris@gov.scot](mailto:DavidMorris@gov.scot)

## Notice to Fishermen

First Published: 30 November 2017 | Latest Update: 30 November 2017

## Fishing Hazards – CATS Pipeline (Groups of structures)



A number of large structures ( up to 6m high and 25m long) are positioned in open water on the Central Area Transmission System(CATS)at a number of the TEEs .

Each individual structure is deemed to be fishing friendly in design, but given the close proximity of the structures at these TEE's, it is recommended that fishermen treat these area's with caution. The individual positions are as follows:



T1	Structure, Andrew Structure, Huntington Structure	57°42.666'N 001°43.466'E
T2	Structure, ETAP Structure, WAGE structure	57°22.099'N 001°28.205'E
T5	Structure, Stella Structure, Banff Structure, Culzean Structure	57°01.752'N 001°12.124'E
T6	Structure, Judy Structure	56°39.909'N 001°12.196'E

For further information: Blair McKay, CATS Pipeline Technical Authority, Tel: +44(0)141 2271453 email: [blair.mckay@woodplc.com](mailto:blair.mckay@woodplc.com)

## Notice to Fishermen

First Published: 30 November 2017 | Latest Update: 30 November 2017

## Abandoned Wellhead – Plugged and Abandoned (Removed from the seabed)

Please be advised that the wellhead below has been removed from the seabed - please remove from your Yellow Card.

Structure	Operator	Position
30/13a-9	Repsol Sinopec	56°34.784'N 002°30.267'E



For further information: David Phimister, Repsol Sinopec Resources UK, Tel: +44 (1224) 352591 email: [David.Phimister@repsolinopecuk.com](mailto:David.Phimister@repsolinopecuk.com)

## Notice to Fishermen

First Published: 30 November 2017 | Latest Update: 30 November 2017

## Abandoned Wellhead – Abandoned Wellhead Campaign

Please note that a well abandonment campaign will be undertaken from the 23rd October 2017 to the 30<sup>th</sup> November 2017.

The well abandonment activity will be undertaken at the following suspended wells:-

Structure	Operator	Position	Status
48/15b-10	Centrica	53°37.500'N 001°52.038'E	
48/10a-15y	Centrica	53°40.722'N 001°58.641'E	
44/28a-6	Centrica	54°06.297'N 002°34.104'E	Update
110/03b-6A	Centrica	53°56.153'N 003°27.042'W	Complete

Work is now complete on 44/28a-6

A seabed survey was carried out at the well location. While doing the seabed survey the sonar was set up for 80 meters. The ROV also carried out a 360° sonar sweep at 80 meter range. The sweep was done at the 4 cardinal points of the compass from the wellheads.

No oilfield related debris was observed within the survey area.

For further information: Alastair Cattanach Tel +44 (0)1224 452360, Email: [alastair.cattanach@intermoor.com](mailto:alastair.cattanach@intermoor.com)

## Notice to Fishermen

First Published: 16 November 2017 | Latest Update: 16 November 2017

**Abandoned Wellhead** – Plugged and Abandoned (Removed from the seabed)

Please be advised that the wellhead below has been removed from the seabed - please remove from your Yellow Card.

Structure	Operator	Position
22/10a-4	Shell UK Ltd	57°44.103'N 001°50.349'E

For further information: Marcelle Wynter Oil & Gas Authority, Tel: 0300 067 1616 email: [Marcelle.wynter@ogauthority.co.uk](mailto:Marcelle.wynter@ogauthority.co.uk)

## Notice to Fishermen

First Published: 16 November 2017 | Latest Update: 16 November 2017

**Abandoned Wellhead** – Plugged and Abandoned (Removed from the seabed)

Please be advised that the wellhead below has been removed from the seabed - please remove from your Yellow Card.

Structure	Operator	Position
22/09-3	Shell UK Ltd	57°44.902'N 001°46.939'E

For further information: Marcelle Wynter Oil & Gas Authority, Tel: 0300 067 1616 email: [Marcelle.wynter@ogauthority.co.uk](mailto:Marcelle.wynter@ogauthority.co.uk)

## Notice to Fishermen

First Published: 16 November 2017 | Latest Update: 16 November 2017

**Buchan Anchors** – Removal

The Buchan Alpha FPV has been removed from its location however, the Safety zones remain in place as the subsea infrastructure is still present.

Please note that the ten Anchors situated the Buchan Alpha installation have been removed and recovered to shore. The anchors were located at the following co-ordinates:

A1: 57°52.707'N	000°03.461'E	C1: 57°55.023'N	000°00.974'E	E1: 57°54.473'N	000°05.019'E
A2: 57°52.457'N	000°01.267'E	C2: 57°55.770'N	000°00.630'E	E2: 57°53.339'N	000°04.479'E
B1: 57°53.084'N	000°00.672'E	D1: 57°55.858'N	000°02.450'E		
B2: 57°53.907'N	000°01.348'E	D2: 57°55.412'N	000°04.155'E		

The anchor cables which connected Buchan Alpha to the anchor locations have also been recovered. However as no trawl trials have been conducted in this area there could be seabed scars at the locations where these wires were present.

For further information: Joe Leask, Repsol Sinopec Resources UK Limited, T: +44 (1224) 501003 | M: +44 (7769) 113638

## Notice to Fishermen

First Published: 02 November 2017 | Latest Update: 02 November 2017

**Abandoned Wellhead** – Plugged and Abandoned (Removed from the seabed)

A disused well head has been discovered located over the abandoned 30/19-1 well in the UKCS Block 30/19a. Top of the well is approximately 3m above seabed and it is surrounded by 4 guard posts at similar height off seabed. The well was plugged and abandoned in the 1970's.

The well head is located at the edge of the Affleck 500m safety zone, to the NNE of the Affleck drilling cluster.

Structure	Operator	Position
30/19-1	Shell UK Ltd	56°26.754'N 002°42.194'E

For further information: Mark Grovesmith, Maersk Oil North Sea UK Ltd, Tel: +44 1224 599 980 email: [mark.grovesmith@maerskoil.com](mailto:mark.grovesmith@maerskoil.com)



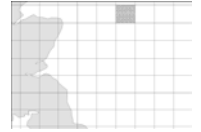
## Notice to Fishermen

First Published: 02 November 2017 | Latest Update: 02 November 2017

**Abandoned Wellhead** – Plugged and Abandoned (Removed from the seabed)

Please be advised that the wellhead below has been removed from the seabed - please remove from your Yellow Card.

<b>Structure</b>	<b>Operator</b>	<b>Position</b>
22/10a-5	Shell UK Ltd	57°45.169'N 001°52.104'E



For further information: Marcelle Wynter Oil & Gas Authority, Tel: 0300 067 1616 email: [Marcelle.wynter@ogauthority.co.uk](mailto:Marcelle.wynter@ogauthority.co.uk)

## Notice to Fishermen

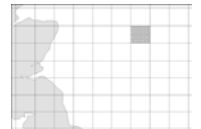
First Published: 10 August 2017 | Latest Update: 11 October 2017

**Fishing Hazard** – Clump Weight Ballast

The Tidal Gauge equipment was retrieved leaving the clump weight ballast in situ. It is approximately 100Kg and is 70cm in diameter and 25cm tall.

This is due to be retrieved next Summer (approx. June 2018)

Position: 57°04.674'N 002°04.542'E



For further information: Nick Strachan, BP Tel: +44(0)1224 955089 email: [nick.strachan@uk.bp.com](mailto:nick.strachan@uk.bp.com)

## Notice to Fishermen

First Published: 11 August 2017 | Latest Update: 11 October 2017

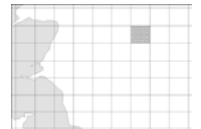
**Culzean Field – CATS T5**

Please be aware that following recent Culzean Field Development installation operations, there are now four large structures positioned within 75m of each other in open water at the CATS T5 pipeline location in close proximity to the Culzean PLEM with the following coordinates:

Position: 57°01.742'N 001°12.190'E

Each individual structure is deemed to be fishing friendly in design, but given the close proximity of the four structures, it is recommended that fishermen treat this area with caution. The individual positions are as follows:

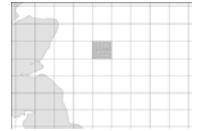
Banff PLEM structure (15m x 10m x 3.7m)	57°01.734'N 001°12.154'E
CATS T5 structure (20.5m x 11m x 4.6m)	57°01.752'N 001°12.124'E
Culzean PLEM structure (24.9m x 21.9m x 5.6m)	57°01.763'N 001°12.193'E
Stella PLEM structure (17.6m x 13.4m x 3.9m)	57°01.741'N 001°12.190'E



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

## 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



To date, the following have been 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	56°48.366'N 00°42.258'E
Varadero Drilling Template 1:	56°48.369'N 00°42.337'E
Varadero Drilling Template 2:	
2 x drilling template structure at Catcher drill centre	56°46.277'N 00°46.299'E
Catcher Drilling Template 1:	56°46.321'N 00°46.296'E
Catcher Drilling Template 2:	
2 x drilling template structure at Burgman drill centre	56°44.542'N 00°40.640'E
Burgman Drilling Template 1:	56°44.566'N 00°40.581'E
Burgman Drilling Template 2:	

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

- Pipeline Bundles:**  
Three (3) x 3.5km pipeline bundles have been installed on the seabed between each Drill Centre and the future FPSO location.
- FPSO Mooring System:**  
Twelve (12) x 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, WGS84), where the mooring lines are connected to a Submerged Turret Production (STP) buoy - top of buoy at approximately 16m water depth. Please note, the STP buoy has its own approved HSE 500m safety exclusion zone.
- Mid Water Arches and Gravity Base Structures**  
Three (3) x piled gravity base structures attached to 3 x mid-water arches (buoyancy units used to support risers positioned mid-water approximately 30m below sea surface and 80m from the future FPSO location).
- Dynamic Risers & Umbilicals**  
13 x dynamic risers and umbilicals connected to the STP Buoy and running in catenary over the mid-water arch buoys and down to the seabed. The risers and umbilicals then run along the seabed, to Riser Base Towheads that are also within the STP Buoy/Future FPSO location 500m zone.
- 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' 29.71" N & 01° 42' 56.63" E
- Offshore Dive Support Vessels (DSV) or Construction Support Vessels.**  
The DSV Seven Falcon is currently working within the Catcher Area Development through November and into December 2017. Diving will be undertaken for Spool Tie-ins and FPSO Commissioning support activities at the Varadero Drill Centre, Burgman Drill Centre, Catcher Drill Centre and at the Catcher FPSO location. The Seven Falcon may have limited manoeuvrability during this time due to Diving Operations. The Seven Falcon DSV is scheduled to be working at the Gas Export PLEM 56°43.479'N & 01°42.992'E mid-December.

#### Catcher Floating Production Storage Offloading (FPSO) Vessel

The Catcher FPSO is now in position and connected to the Submerged Turret Production Buoy and Mooring arrangements at Catcher FPSO location (56°46.207'N and 00°42.782'E). The ERRV / Standby Vessel Vos Famous is monitoring the FPSO 500m Safety zones throughout operations. Should the VOS Famous become unavailable due to a port visit, a suitably equal alternative ERRV will be provided to the Catcher Development Area.

#### Drilling

The ENSCO 100 Drilling Rig is located at the Catcher Drilling Template 2 (56°46.321N & 00°46.296'E) from September 2017 through to the end of Q1 2018. The standby vessel Vos Famous is monitoring the rig's 500m zone throughout drilling operations.

For further information: Steve Quayle, Tel: 01224 914298 email: [squayle@premier-oil.com](mailto:squayle@premier-oil.com)

## Notice to Fishermen

First Published: 30 November 2017 | Latest Update: 30 November 2017

**Abandoned Wellhead** – Plugged and Abandoned (Removed from the seabed)

Please be advised that the wellhead below has been removed from the seabed - please remove from your Yellow Card.

<b>Structure</b> 49/28-1	<b>Operator</b>	<b>Position</b> 53°01.718'N 002°24.120'E
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*For further information:* David Phimister, Repsol Sinopec Resources UK, Tel: +44 (1224) 352591 email: [David.Phimister@repsolinopecuk.com](mailto:David.Phimister@repsolinopecuk.com)

## Seabed Activity

First Published: 04 October 2017 | Latest Update: 04 October 2017

**Sean Papa** – Drilling Operations

The Prospector 1 jack up rig will move to location in order to drill an infill well for Oranje-Nassau Energie UK Limited. To be spudded alongside the Sean Papa platform

Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
Prospector 1	Sean Papa	53°11.385'N 02°51.759'E	07/10/2017	70 Days



*For further information:* Linda Murray, Oranje-Nassau Energie UK Ltd, Tel: +44 1603 567239 email: [linda.murray@ONEBV.com](mailto:linda.murray@ONEBV.com)

## Notice to Fishermen

First Published: 13 July 2017 | Latest Update: 13 November 2017

## Fishing Hazard – Possible Seabed Obstruction (Removed)



The Department of Transport, Tourism and Sport has been advised by PSE Kinsale Energy Limited that following corrective action at the Kinsale Head Gas Field export pipeline, the obstruction which could present a hazard to fishing vessels, has been **removed**. Water depth has been maintained.



## Coordinates

51°42.600'N 008°11.214'W  
 51°41.622'N 008°10.739'W  
 51°41.327'N 008°11.466'W  
 51°41.778'N 008°11.941'W

For further information: UKHO, Tel: +44(0)1823 352448 email: [navwarnings@btconnect.com](mailto:navwarnings@btconnect.com)

## Seabed Activity

First Published: 16 November 2017 | Latest Update: 16 November 2017

## Douglas Field – Drilling Operations

Please be informed that the Irish Sea Pioneer is currently scheduled to be in the Douglas Field from 20 November 2017 for approximately 60 days.



Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
Irish Sea Pioneer	Douglas Field (110/13D)	53°32.234'N 003°34.781'W	20/11/2017	60 Days

For further information: Alec Townley, Petrofac, Email: [alec.townley@petrofac.com](mailto:alec.townley@petrofac.com), T: +44 1352 842353

## Area 1 Rig List

Latest Update: 30 November 2017

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Rowan Stavanger	58°04.70'N 01°53.30'E		Deepsea Aberdeen	60°19.90'N 04°06.30'W
	EnSCO 80	58°08.90'N 03°01.20'W		West Phoenix	60°37.70'N 03°00.90'W
	Maersk Intrepid	58°25.10'N 01°42.90'E		Paul B Loyd Jr	60°40.20'N 02°23.70'W
	Maersk Integrator	58°34.30'N 01°41.80'E		Safe Scandinavia	60°41.90'N 02°55.90'E
	Rowan Viking	58°50.60'N 02°14.90'E		Songa Endurance	60°46.50'N 03°26.30'E
	Deepsea Atlantic	58°52.20'N 02°31.10'E		COSL Promoter	60°50.60'N 03°37.80'E
	Wilphoenix	59°33.80'N 01°43.70'E		Songa Equinox	60°53.50'N 03°40.20'E
	Transocean Arctic	59°34.60'N 01°55.30'E		West Elara	61°02.30'N 02°20.30'E
	Maersk Gallant	59°34.90'N 01°39.40'E		Transocean 712	61°19.40'N 01°32.10'E
	Safe Boreas	59°35.20'N 01°03.20'E		Bideford Dolphin	61°29.10'N 02°13.20'E
	Noble Lloyd Noble	59°35.40'N 01°03.40'E		Deepsea Stavanger	64°58.50'N 06°58.60'E
	Transocean Leader	59°56.90'N 01°15.80'E			

## Area 2 Rig List

Latest Update: 30 November 2017

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Noble Sam Turner	55°32.30'N 05°01.90'E		Rowan Gorilla V	56°58.02'N 01°52.19'E
<b>New</b>	Maersk Resilient	55°34.80'N 04°45.40'E	<b>New</b>	Maersk Interceptor	56°58.90'N 02°57.50'E
	Maersk Guardian	55°43.30'N 04°48.10'E		Prospector 5	57°00.73'N 01°50.41'E
	Maersk Innovator	56°22.60'N 03°15.50'E		Noble Hans Deul	57°01.90'N 01°57.30'E
	Ocean Valiant	56°23.70'N 02°15.30'E		Maersk Highlander	57°11.70'N 01°54.80'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			

## Area 3 Rig List

Latest Update: 30 November 2017

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Paragon Prospector 1	53°11.40'N 02°51.80'E		Seafox 1	53°24.90'N 01°16.40'E
	Seafox 4	53°13.10'N 03°55.10'E		EnSCO 92	53°28.00'N 02°02.50'E
	590021	53°14.00'N 03°14.50'E		Rowan Gorilla VII	54°03.30'N 01°02.10'E
	EnSCO 122	53°14.40'N 04°05.00'E	<b>New</b>	Maersk Resolve	54°20.60'N 02°51.90'E
	EnSCO 101	53°24.30'N 04°12.00'E		EnSCO 121	54°35.70'N 00°26.00'E
	EnSCO 72	53°24.60'N 04°12.90'E			

## Area 5 Rig List

Latest Update: 30 November 2017

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Irish Sea Pioneer	53°37.90'N 03°10.60'W		Seafox 2	54°05.60'N 03°51.40'W
	GMS Endurance	53°51.80'N 03°37.10'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.

## Area 1 Anchor List

Latest Update: 30 November 2017

### Transocean Leader – At Kraken Drill Centre #4



Anchor No.	Anchor Position	Laydown Pennant s	Anchor Position	Laydown Pennant s
Rig	59°55.894'N 01°14.982'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
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
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
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

### Deepsea Aberdeen – As Laid at Schiehallion West Drill Centre

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	60°19.884'N 004°06.252'W	3	60°21.342'N 004°07.506'W	6	60°20.424'N 004°01.944'W
1	60°20.346'N 004°09.216'W	4	60°21.126'N 004°04.926'W	7	60°17.814'N 004°04.458'W
2	60°20.454'N 004°09.234'W	5	60°20.424'N 004°03.684'W	8	60°18.414'N 004°06.318'W

### Deepsea Aberdeen – Schiehallion Central Drill Centre

Anchor No.	Anchor Position	Surface Buoy
Well		
2	60°20.646'N 004°04.776'W	60°20.322'N 004°03.600'W
3	60°21.336'N 004°03.102'W	Anchor Laid Down on Seabed
4	60°21.432'N 004°00.948'W	60°20.670'N 004°01.710'W
5	60°20.454'N 003°59.346'W	60°20.280'N 004°00.588'W

### Transocean 712 – At Osprey

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	61°19.496'N 001°32.716'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

## PBLJ – At Achmelvich

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	60°40.122'N 02°23.826'W	3	60°41.202'N 02°24.780'W	6	60°39.732'N 02°21.816'W
1	60°39.654'N 02°26.358'W	4	60°41.064'N 02°23.088'W	7	60°39.138'N 02°23.016'W
2	60°40.680'N 02°26.322'W	5	60°40.500'N 02°21.936'W	8	60°39.108'N 02°24.774'W

## Maersk Master – will pre-lay anchors at Bittern B4 (Recovery planned)

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	56°55.020'N 001°01.404'E	3	56°55.032'N 001°02.908'E	6	56°54.394'N 001°00.426'E
1	56°55.849'N 001°01.347'E	4	56°54.473'N 001°02.527'E	7	56°54.994'N 000°59.894'E
2	56°55.639'N 001°02.405'E	5	56°54.198'N 001°01.454'E	8	56°55.574'N 001°00.274'E

## Ocean Patriot – Proposed At Egret Anchor pattern will have a circa 1600m radius

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	57°10.361'N 001°44.677'E	3	57°10.322'N 001°43.477'E	6	57°11.022'N 001°45.349'E
1	57°09.678'N 001°44.625'E	4	57°10.596'N 001°43.567'E	7	57°10.361'N 001°46.110'E
2	57°09.753'N 001°44.133'E	5	57°11.111'N 001°44.773'E	8	57°09.999'N 001°46.187'E

## Culzean – Culzean FSO Anchors

Anchor No.	Anchor Position	Chain End	Anchor No.	Anchor Position	Chain End
1	57°11.723'N 001°56.154'E	57°11.723'N 001°56.325'E	7	57°11.068'N 001°58.558'E	57°11.143'N 001°58.456'E
2	57°11.681'N 001°56.149'E	57°11.685'N 001°56.321'E	8	57°11.096'N 001°58.621'E	57°11.167'N 001°58.509'E
3	57°11.636'N 001°56.153'E	57°11.647'N 001°56.323'E	9	57°12.444'N 001°58.413'E	57°12.364'N 001°58.326'E
4	57°11.594'N 001°56.167'E	57°11.611'N 001°56.336'E	10	57°12.464'N 001°58.343'E	57°12.381'N 001°58.266'E
5	57°11.021'N 001°58.423'E	57°11.103'N 001°58.341'E	11	57°12.483'N 001°58.271'E	57°12.397'N 001°58.203'E
6	57°11.039'N 001°58.495'E	57°11.117'N 001°58.404'E	12	57°12.500'N 001°58.195'E	57°12.412'N 001°58.138'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

## COSL Rival – Proposed Mooring at Judy30/7a

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		

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
Lloyd's Register MV Ocean Spirit UBWP5	N/A	57°48.527'N 001°49.859'E 57°48.532'N 001°50.364'E 57°48.262'N 001°50.373'E 57°48.258'N 001°49.868'E	22/10	01/12/2017 For 4 days
Gardline Geo survey Ltd Ocean Reliance HP6391		58°47.926'N 001°07.935'E 58°45.783'N 001°12.741'E	16	01/12/2017 - 01/01/2018 For 15 Days
Lloyd's Register MV Ocean Spirit UBWP5	N/A	58°01.698'N 001°42.698'E 58°01.701'N 001°43.003'E 58°01.536'N 001°42.704'E 58°01.539'N 001°43.009'E	16/29	16/11/2017 - 01/12/2017

Benthic Solutions Proteus 2HBL7		58°17.916'N 003°12.197'W 58°17.271'N 003°11.239'W 58°16.608'N 003°12.883'W 58°17.252'N 003°13.819'W	11	14/11/2017 - 20/12/2017 For 9 Days
Gardline Geo survey Ltd Ocean Reliance HP6391		58°00.927'N 000°21.373'W 57°59.311'N 000°21.357'W 57°59.302'N 000°24.401'W 58°00.918'N 000°24.419'W	14, 20	20/10/2017 - 31/01/2018 For 3 Days
CGG Services S.A Geo Coral LACA8 Bourbon Tern 5BDQ4 Strombas II V4EM"	8000m 18m	58°19.373'N 000°05.365'W 58°19.595'N 000°20.234'E 57°46.735'N 000°21.042'E 57°46.570'N 000°04.167'W	15; 21	20/10/2017 - 30/11/2017 For 7 Days
CGG Services S.A Geo Coral LACA8 Bourbon Team 5BDQ4		60°57.021'N 000°54.732'E 60°57.661'N 001°46.925'E 60°21.983'N 001°48.260'E 60°21.358'N 000°57.020'E	2; 3	01/10/2017 - 30/11/2017 For 30 Days
Fugro Survey Limited Fugro Venturer C6CG3	1500m 3m	58°20.654'N 001°54.538'W 58°20.475'N 001°36.108'W 58°15.591'N 001°36.301'W 58°15.770'N 001°54.688'W	13	01/10/2017 - 31/12/2017 For 7 Days
Fugro Survey AS M/V Fugro Galaxy G6YY4	1400m 3m	58°38.998'N 000°40.722'E 58°45.158'N 000°51.913'E 58°37.539'N 001°07.404'E 58°31.374'N 000°56.224'E	15; 16	15/09/2017 - 30/11/2017 For 10 Days
Schlumberger TBA		60°40.122'N 003°23.830'W	206	01/09/2017 - 30/03/2018 For 1 Day

## Area 2 Survey List

Latest Update: 30 November 2017

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
TBC	1200m 3m	57°20.516'N 001°15.632'E 57°20.662'N 001°26.793'E 57°14.843'N 001°27.037'E 57°14.714'N 001°17.099'E 57°16.060'N 001°17.036'E 57°16.044'N 001°15.843'E	22	29/11/2017 - 29/01/2018 For 4 Days
MG3 (Survey) UK Ltd MV Ocean Spirit UBWP5		57°48.527'N 001°49.859'E 57°48.532'N 001°50.364'E 57°48.262'N 001°50.373'E 57°48.258'N 001°49.868'E	22	25/11/2017 - 25/12/2017 For 3 Days
Nautical Petroelum Ltd TBC		57°25.545'N 001°33.573'E 57°25.545'N 001°38.573'E 57°23.295'N 001°38.573'E 57°23.295'N 001°33.573'E	22	17/11/2017 - 28/02/2018 For 14 Days
Gardline Geo Survey Ltd Sea Explorer C6NG6		57°11.145'N 002°13.581'E 57°11.073'N 002°17.549'E 57°08.919'N 002°17.415'E 57°08.990'N 002°13.452'E 57°09.372'N 002°14.789'E 57°09.300'N 002°18.754'E 57°07.685'N 002°18.653'E 57°07.757'N 002°14.691'E	23	10/11/2017 - 31/03/2018 For 10 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	06/11/2017 - 01/07/2018 For 3 Days
Fugro Survey Fugro Searcher 3EUY6		56°52.026'N 002°04.219'E 56°46.959'N 002°06.229'E	30	25/10/2017 - 30/11/2017 For 5 Days
CGG Services S.A Geo Coral - LACA8 Bourbon Tern - 5BDQ4 Sombas II - V4EM2		57°38.708'N 000°53.803'E 57°38.748'N 001°16.729'E 57°08.642'N 001°16.555'E 57°08.621'N 000°54.271'E		07/10/2017 - 30/11/2017 For 7 Days
Nexen Petroleum UK Ltd TBC		57°08.572'N 001°04.039'E 57°08.665'N 001°10.283'E 57°12.706'N 001°10.083'E 57°12.612'N 001°03.828'E	22	01/10/2017 - 31/12/2017 For 12 Days
Fugro Fugro Galaxy C6YY4	120m 1m	57°20.412'N 001°48.376'E 57°20.383'N 001°45.387'E 57°21.999'N 001°45.332'E 57°22.028'N 001°48.324'E	22	18/10/2017 - 02/01/2018 For 14 Days

## Area 3 Survey List

Latest Update: 30 November 2017

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
Fugro GB Marine Ltd Fugro Scout 3FYP4		53°21.561'N 000°28.042'E	43	01/11/2017 - 31/12/2017 For 1 Day
Fugro Survey Ltd Fugro Meridian C6QR4		53°56.566'N 002°44.648'E 53°56.458'N 002°44.970'E 53°55.898'N 002°44.443'E 53°56.004'N 002°44.116'E	49	01/11/2017 - 31/12/2017 For 1 Day

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Polarcus DMCC Polarcus Asima C6XK6	625m 15m	54°04.904'N 001°03.830'E 54°04.838'N 001°47.764'E 53°44.071'N 001°47.648'E 53°43.703'N 000°53.830'E 53°53.904'N 000°53.680'E 53°53.753'N 000°15.779'E 53°59.903'N 000°11.829'E 54°02.803'N 000°14.929'E 54°06.937'N 000°15.528'E 54°14.754'N 000°15.378'E 54°14.921'N 001°03.746'E	42; 43; 47; 48	01/10/2017 - 31/12/2017 For 36 Days
GeoXYZ GeoSurveyor VI 2ENE7		53°39.772'N 000°06.919'E 53°21.561'N 000°28.042'E	47	18/09/2017 - 31/12/2017 For 7 Days
Fugro Subsea Services Ltd MV Skandi Olympia C6XY8		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°56.018'E	48; 52	01/09/2017 - 22/12/2017 For 14 Days

## Area 5 Survey List

Latest Update: 30 November 2017

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
Titan Environmental Surveys Ltd Titan Discovery 2HCR3	N/A	51° 26.837'N 003° 53.947'W 51° 29.382'N 003° 49.003'W 51° 28.981'N 003° 39.009'W 51° 24.215'N 003° 32.593'W 51° 24.284'N 003° 10.006'W 51° 26.925'N 003° 09.883'W 51° 26.946'N 003° 08.706'W 51° 23.943'N 003° 09.004'W 51° 21.277'N 003° 15.104'W 51° 21.241'N 003° 18.070'W 51° 22.543'N 003° 41.897'W 51° 26.837'N 003° 53.947'W		September 2017 until March 2018
Titan Environmental Surveys Ltd Titan Endeavour 2ELT9	N/A	51° 26.837'N 003° 53.947'W 51° 29.382'N 003° 49.003'W 51° 28.981'N 003° 39.009'W 51° 24.215'N 003° 32.593'W 51° 24.284'N 003° 10.006'W 51° 26.925'N 003° 09.883'W 51° 26.946'N 003° 08.706'W 51° 23.943'N 003° 09.004'W 51° 21.277'N 003° 15.104'W 51° 21.241'N 003° 18.070'W 51° 22.543'N 003° 41.897'W 51° 26.837'N 003° 53.947'W		September 2017 until March 2018