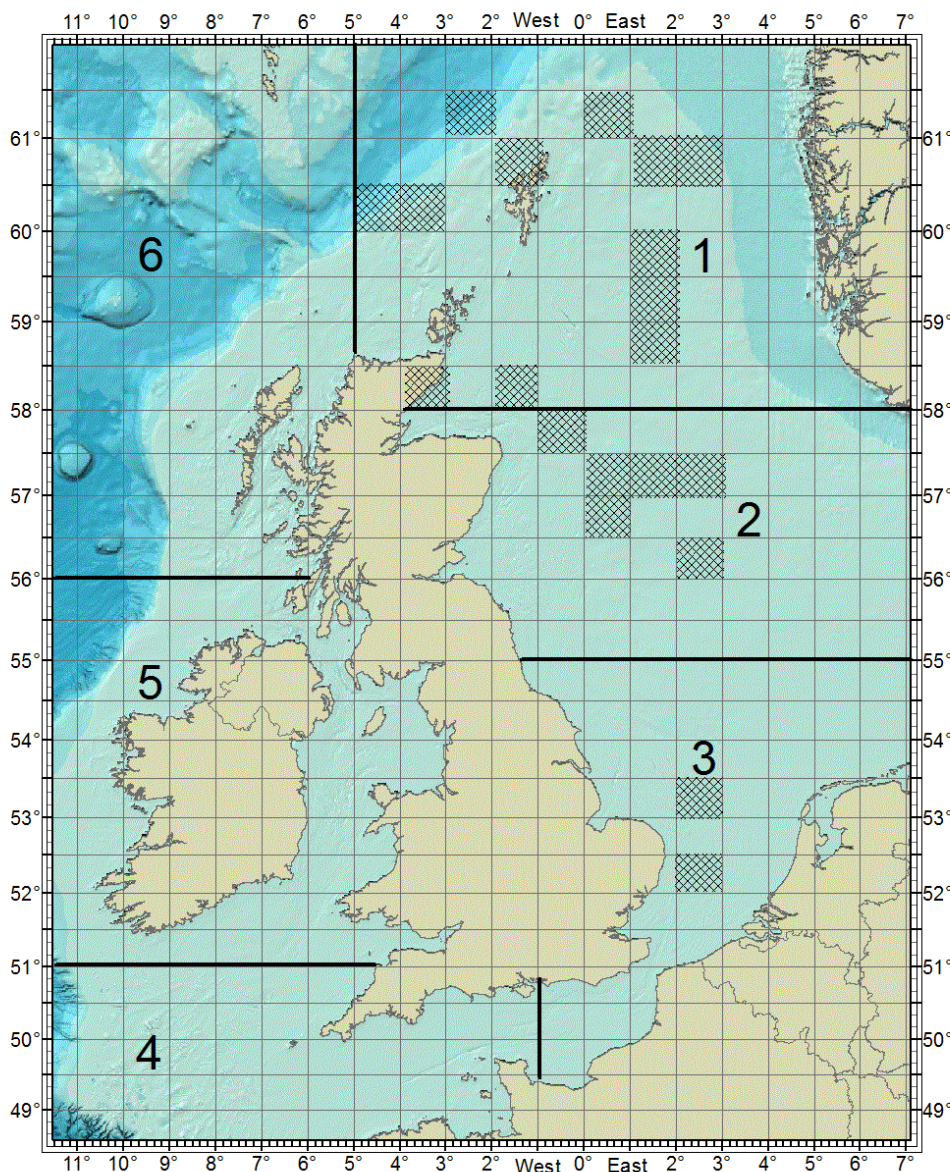


For 'live' Kingfisher updates of offshore activities, visit www.fishsafe.eu and follow [@KingfisherInfo](https://twitter.com/KingfisherInfo) on Twitter

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

What's inside?



New Hazards (p.2)

Area 1 (p.3-8)

1. Notice to Fishermen
2. Seabed Activity
3. Survey Activity
4. Deployment of Buoys

Area 2 (p.9-13)

1. Notice to Fishermen
2. Seabed Activity
3. Survey Activity

Area 3 (p.14)

1. Seabed Activity

Area 4

1. N/A

Area 5

1. N/A

Area 6

1. N/A

Extra... (p.16-22)






1. Rig List
2. Anchor List
3. Survey List
4. Disclaimer

New Hazards


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Area 1 – Hazard List

Hazard Type	Position	Issue Date	Contact Details	Map
Exposed cut end of pipe	61°04.102'N 001°24.107'E	14 July 2016	kingfisher@seafish.co.uk	
New Suspended Wellhead – 16/28a-18	58°05.053'N 01°34.587'E	07 April 2016	Marcelle.wynter@oga.gsi.gov.uk	
Sunken Vessel Majestic	60°45.535'N 001°17.018'W	28 Jan 2016	nick.strachan@uk.bp.com	
Pipeline Span 204/24a Foinaven	60°18.824'N 004°13.793'W 60°18.819'N 004°13.779'W	28 Jan 2016	nick.strachan@uk.bp.com	
Possible Debris from Well 15/21b-21	58°12.510'N 000°07.388'E	28 Jan 2016	kingfisher@seafish.co.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

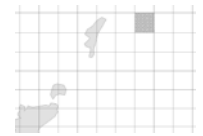
First Published: 14 July 2016 | **Latest Update: 14 July 2016**

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

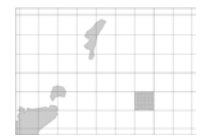
Wellheads

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 January 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

Seabed Activity

First Published: 21 May 2014 | **Latest Update: 14 July 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 Skandi Africa, Call Sign: C6BU7, is currently in-field.
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 rock dumper MV Nordnes, Call Sign: PHOG, is due in field approx. 18th July.
The rock dumper MV Stornes, Call Sign: PCXK, is due in field approx. 18th July.



MV Karen Ann II (FR559), Call Sign: MAQD7, is acting as guard vessel part way between Edradour & Edradour PLEM at the following location: 60° 55.39' N 02° 23.73' W

MV Shalimar II (PD303), Call Sign: MJLF9, is acting as guard vessel part way between Edradour & Glenlivet at the following location: 61° 00.28' N 02° 09.16' W

MV Courageous (LK470), Call Sign: MPWV9 is acting as guard vessel part way between Edradour Tees & Laggan at the following location: 60° 55.87' N 02° 42.99' 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

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

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Seabed Activity

First Published: 15 June 2016 | **Latest Update: 14 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 May 2014 | **Latest Update: 14 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	Coordinates
3/14a to 3/15b	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: 14 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

Area 1

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Seabed Activity

First Published: 24 March 2016 | **Latest Update: 08 July 2016**

Mariner – Pipeline Works UKCS 9/11a & 9/14a

Please be advised that a number of works are taking place for the Mariner Field development. The remaining activities are as follows:



Activity	Vessel & Call Sign	Position	Date / Duration	Comments
Rock installation over pipeline completions at PDQ. Plus MBE survey to north of PDQ jacket.	Nordnes, PHOG	59°35.308'N 01°03.363'E 59°35.334'N 01°03.526'E	15 July for 3 days	Within existing safety zone of the PDQ jacket.
Rock installation over pipeline completions at FSU location	Nordnes, PHOG	59°36.437'N 01°04.567'E 59°36.439'N 01°04.629'E	18 July for 3 days	Within existing safety zone of the STL buoy.
Rock installation at Vesterled tie-in	Nordnes, PHOG	59°39.327'N 01°36.930'E	21 July for 2 days	In open water.
Location of jack-up drilling unit alongside the PDQ	Noble Lloyd Noble	59°35.308'N 01°03.363'E	Late August onwards	Within existing safety zone of the PDQ jacket. The Noble Lloyd Noble will have an additional safety zone.
Mooring of floating storage unit at the STL buoy	Mariner B	59°36.481'N 01°04.583'E	Early Sept onwards	Within existing safety zone of the submerged buoy. The Mariner B vessel 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: 05 July 2016 | **Latest Update: 05 July 2016**

Skipper (9/21a) – Drilling Operations

Notification of drilling operators as follows:



Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
Sedco 704	Skipper (9/21a)	59°17.207'N 001°01.708'E	19 July 2016	30 days

For further information: Matt Street, AGR, Tel: +44 1224 629 198, Mob: +44 7973 408 583

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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: 21 April 2015 | **Latest Update: 28 June 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 – August 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, will come into force during June – 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. The work will be around the existing PLEM, new OLS base and 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	28 June – 9 July
CSV Normand Oceanic	Remove STL suction anchors	20 – 30 August

given below:

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

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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

Seabed Activity

First Published: 07 April 2016 | **Latest Update: 07 April 2016**

Schiehallion / Loyal Fields – Subsea Works

A number of vessels (including the Olympic Challenger, Normand Installer, North Sea Atlantic, Subsea Viking and Viking Neptun) are planned to resume work in the field in April 2016. The vessels will be located in and around the Schiehallion FPSO safety zone and related drill centres (Loyal, North West Area Development, North, West and Central). These vessels will resume construction activity but will also be involved with the FPSO arrival, moorings and riser cross-haul, hook up and installation.



Additional work is also planned for well intervention scopes (Island Constructor) at Central drill centre and decommissioning scopes (PBLJ) at gas disposal well AG01, both planned for Q2 2016. There is also seismic survey activity planned for Q2 2016, to be undertaken by the Western Spirit. The Deepsea Aberdeen drill rig currently moored at West drill centre, is expected to relocate to the NWAD drill centre in July 2016.

The Glen Lyon is currently being towed from its construction yard in South Korea. After its final port call in Norway, the FPSO is expected to depart Norway in May 2016 for final tow to the field, expected arrival is currently late May 2016.

Note, the previously deployed weather monitoring buoy has been recovered for the winter period, previously deployed at 60° 21.840' North, 04° 06.953' West. It is expected to be re-deployed in mid-April 2016.

Field / Prospect Name	Quad / Block	Latitude
Schiehallion (co-ordinates Relate to location of FPSO)	204/20	60°21.382'N 004°04.071'W

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Facility	Quad / Block	Coordinates
Loyal Drill Centre	204/20	60°24.706'N 004°03.321'W
NWAD Drill Centre	204/20	60°22.862'N 004°06.016'W
West Drill Centre	204/20	60°19.947'N 004°06.015'W
Central Drill Centre	204/20	60°20.109'N 004°02.193'W

Field / Prospect Name	Quad / Block	Latitude
North Drill Centre	204/20	60°22.142'N 004°01.591'W

Field / Prospect Name	Quad / Block	Latitude
Gas Disposal Drill Centre	204/20	60°19.685'N 004°09.793'W

For further information: Andy Fletcher, BP, Tel: +44 7850 581373 email: andy.fletcher@bp.com

Seabed Activity

First Published: 24 March 2016 | Latest Update: 07 April 2016

Solan Field – Development Activities

Premier Oil is developing the Solan Field in block 205/26a of the North Sea. 500m Safety Zones are in place centred on the P1 and P2 wells as well as the Offloading System and Subsea Storage Tank.



The following works are ongoing/scheduled:

- P2 tie in work will commence once the Ocean Valiant has completed drilling at well P2 – est end of June / start July.

Activity	Position	Date / Duration	Comments
Solan Installation	60°03.700'N 03°58.280'W	Offloading System	60°03.230'N 03°57.000'W
Production Well P1	60°03.840'N 03°58.530'W	Subsea Storage Tank	60°03.610'N 03°57.970'W
Production Well P2	60°03.760'N 03°58.680'W		

For further information: Colin Strachan, Tel: 0044 01224 312260, Email: cstrachan@westoncompliance.com

Survey Activity

First Published: 15 June 2016 | Latest Update: 30 June 2016

TEPUK Side Scan Sonar Pipeline Inspection – West of Shetland

TEPUK will be conducting an AUV-based side scan sonar pipeline inspection campaign along existing pipelines. This will be conducted from the vessel MV Fugro Searcher. Mobilisation took place on 4th July 2016 and campaign will last approximately 14 days.



- Inspection will be from Tormore and Laggan fields along existing pipelines into Yell Sound.

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

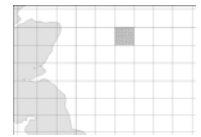
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Seabed Activity

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

Culzean Field – Wellhead Jacket Installation

Maersk Oil North Sea Ltd. Culzean Project have completed the installation of a Wellhead Jacket in the Culzean Field Development Area (Block 22/25A)



The Wellhead Jacket installation projects 37 meters above the waterline, with navigation aids attached (Light characteristic, Morse code letter U, colour of light: white, Period of Light: every 15 seconds) and has now a recognised 500m safety zone established around the platform centre coordinates as detailed below:

Location	Coordinates
Culzean WHP Jacket Centre	57° 11.586' N 01° 54.775' E

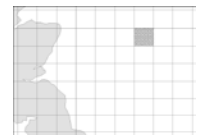
For further information: Colin Wilson, Tel: +44 (0) 1224 599200, Email: colin.wilson@maerskoil.com

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

Seabed Activity

First Published: 19 May 2016 | **Latest Update: 12 July 2016**

Janice, James and Affleck Fields – Decommissioning

Maersk Oil UK Ltd are commencing decommissioning activities associated with the removal of the Janice 'A' FPU in Block 30/17a of the UK Continental Shelf. The first phase of activities is complete and the next phase will commence in late July through to end September 2016.



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	Jul – Sep 2016
Janice Drill Centre	30/17a	56° 23.706' N 02° 15.316' E	Flushing and barrier testing; disconnection of flowlines and spools - Within existing safety zone	May – Aug 2016
James Drill Centre (Well P8)	30/17a	56° 21.485' N 02° 18.835' E	Flushing and barrier testing; disconnection of flowlines and spools - Within existing safety zone	May – Aug 2016

Diving and ROV operations will be performed from the Seven Pelican DSV (call sign C6RE7) which will work between the above locations. Later in the programme (August - September 2016) the risers, FPU moorings and anchors will be disconnected and recovered and the FPU towed from location. In addition 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. Details of these activities will be provided closer to the time.

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: 03 March 2014 | **Latest Update: 11 July 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.
- Sedco 712 (semi-submersible anchored drill rig) is on location at the Shaw production drill centre and will be there for the next 20-30 days.
- DSV Seven Atlantic – ETA in field 16th July. DSV will undertake subsea construction installation activities, including umbilical tie in and mechanical protection, inside Montrose A 500m zone, and spool tie in operations at the Cayley and Shaw drill centres. (Duration 10 days)
- Fugro Olympia- ETA in field 28th July. Surev vessel will undertake MBES & side scan sonar SSS survey, GVI survey inside Montrose A 500m zone, and Shaw and Cayley pipeline SSS survey (Duration 3 days)
- DSV Technip Orelia - ETA in field 21st July. DSV will undertake Node Welds inspection – Montrose, inside Montrose A 500m zone. (Duration 7 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 – 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

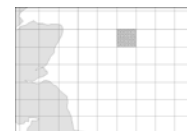
Seabed Activity

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

Hannay De-oiling Project – Subsea Activities

Please be advised of an offshore campaign, currently planned for 7 days between mid-July and early August, involving subsea construction works.

- Dive Support Vessel – arriving in field circa 22/7/16 and will undertake subsea construction activities, including de-oiling, umbilical disconnection and spool disconnection



Key Coordinates

57° 59' 54.40" N 00° 07' 39.16" W | Hannay Development

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

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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 results 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: 24 March 2016 | **Latest Update: 31 May 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:

- four (4) 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°48.408'N 00°42.391'E
1 x drilling template structure at Catcher drill centre	56°46.340'N 00°46.390'E
1 x drilling template structure at Burgman drill centre	56°44.592'N 00°40.700'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.

Throughout June, the installation of twelve (12) piled anchors with chain and wire mooring legs (in 3 groups of 4 mooring legs) shall be continued by the construction vessels Skandi Skansen and Skandi Neptune working around and extending out approximately 1000m from the future Catcher FPSO location (56° 46' 12.44" N and 00° 42' 46.93" E, WGS84). The proposed locations of the pile mooring anchors are as follows:

Once the mooring lines are installed they will be connected to a new FPSO Submerged Turret Production (STP) buoy. Towards the end of June, the STP buoy will be towed from the Firth of Forth to the offshore Catcher area and installed at the centre of the future FPSO location. The STP buoy has its own 500m safety exclusion zone.

Over the period Jul – Sept. 2016, the following works are also planned:

- Riser and umbilical installation and mattress installation within the STP 500m safety exclusion zone.
- Subsea spool installation within the Catcher Drill Centre safety zone.

Drilling

The ENSCO 100 Heavy Duty Jack Up drilling rig has moved to the Burgman drill centre (drill centre coordinates listed above) to commence the drilling of Burgman development wells.

A standby vessel will be in position monitoring the rig's 500m zone throughout all drilling operations.

Deployment of Wave-Rider Buoys

In April 2016, 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

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Seabed Activity

First Published: 19 May 2016 | **Latest Update: 19 May 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 beginning of August 2016. A guard vessel will be on station until removal of the buoy.

The subsea works will be carried out totally within HSE recognised 500m safety zones. Details of which are as follows: Ettrick FPSO Centre (SI 2016/309), Ettrick DCM and Gas Export PLEM (SI 2007/2446) and Well I2 (SI 2015/1673).

Location	Coordinates
Riser Buoy (Submerged at 25m once FPSO departs)	57°54.568'N 000°35.520'W
Ettrick DCM	57°53.997'N 000°36.605'W
SSIV	57°57.740'N 000°35.124'W
Gas Export PLEM	57°57.683'N 000°36.989'W
Well I2	57°53.509'N 000°40.487'W

2016 Subsea Works Vessels:

Activity	Planned Date	Duration	Vessel
Isolate Gas Export Pipeline from SAGE & Barrier Testing	01/06/16	2 Days	Seven Pelican
Pigging, Tree Disconnect, Barrier Testing & Gravel Placement	08/06/2016	30 Days	Seven Falcon

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

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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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Kingfisher Fortnightly Bulletin



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Area 1 – Rig List

Latest Update: 14 July 2016

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Blackford Dolphin	58°06.10'N 00°41.70'E		Maersk Intrepid	60°30.30'N 02°00.80'E
New	West Alpha	58°17.00'N 02°02.60'E		Borgsten Dolphin	60°37.66'N 01°39.29'E
	Sedco 712	58°23.90'N 00°05.70'E		Safe Scandinavia	60°41.90'N 02°55.90'E
New	Borgland Dolphin	58°32.60'N 02°31.60'E		Flotel Victory	60°44.20'N 02°29.90'W
	Maersk Integrator	58°34.30'N 01°41.80'E		COSL Promoter	60°45.30'N 03°38.20'E
	Bredford Dolphin	58°42.40'N 02°09.80'E		West Epsilon	60°51.20'N 02°38.50'E
New	Deepsea Atlantic	58°50.00'N 02°32.90'E		West Phoenix	60°52.30'N 03°08.20'W
	Rowan Viking	58°50.60'N 02°14.90'E		Songa Equinox	60°53.30'N 03°33.90'E
	Wilphoenix	59°22.40'N 01°40.10'E		Stena Don	60°54.90'N 03°37.50'E
	Transocean Winner	59°29.70'N 01°55.40'E		West Elara	61°02.30'N 02°20.30'E
	Ocean Patriot	59°33.40'N 01°24.00'E		Stena Don	61°02.70'N 03°36.00'E
	Transocean Leader	59°53.50'N 01°12.30'E		Songa Dee	61°04.90'N 02°15.20'E
	Ocean Valiant	60°03.80'N 03°58.50'W	New	Deepsea Stavanger	Agotnes
	Songa Delta	60°11.50'N 02°35.20'E		Ocean Guardian	61°11.80'N 00°43.80'E
New	Transocean Spitsbergen	60°12.00'N 03°51.70'W		Bideford Dolphin	61°26.50'N 01°54.50'E
	Deepsea Aberdeen	60°22.90'N 04°05.90'W			
	Transocean Arctic	60°25.50'N 03°01.30'E			

Area 2 – Rig List

Latest Update: 14 July 2016

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
New	Ensko 71	55°28.80'N 05°06.60'E		Ensko 100	56°44.60'N 00°40.70'E
	Atlantic Amsterdam	Hirtsals	New	Paul B Loyd Jr	56°50.70'N 02°10.10'W
	Noble Sam Turner	55°38.40'N 04°53.10'E		Rowan Gorilla 5	56°57.55'N 01°48.33'E
	Ensko 72	55°43.20'N 04°48.00'E		Prospector 1	56°57.96'N 01°52.10'E
	COSL Rigmar	55°43.30'N 04°48.20'E		GSF Galaxy 1	57°00.79'N 01°50.37'E
New	Seafox 5	55°46.10'N 04°38.90'E		Prospector 5	57°00.80'N 01°50.50'E
	Ensko 121	55°52.90'N 04°14.00'E		Noble Hans Deul	57°01.90'N 01°57.30'E
	Maersk Resilient	56°10.40'N 04°10.05'E		Safe Caledonia	57°17.59'N 01°39.58'E
New	Stena Spey	56°11.90'N 02°45.80'E		Byford Dolphin	57°21.30'N 01°52.70'E
	Maersk Resolve	56°14.80'N 03°57.60'E		Ensko 101	57°22.50'N 01°59.80'E
	Maersk Reacher	56°16.90'N 03°23.80'E		Rowan Gorilla 7	57°45.00'N 01°04.90'E
	Maersk Innovator	56°22.60'N 03°15.50'E		Safe Bristolia	57°45.50'N 01°47.90'E
	Maersk Giant	56°29.00'N 04°54.70'E		Sedco 704	57°56.30'N 00°51.00'E
	Rowan Gorilla 6	56°31.20'N 03°13.30'E		Ensko 120	57°57.70'N 00°55.00'W
	COSL Rival	56°41.80'N 02°20.30'E			
	Maersk Gallant	56°43.80'N 02°38.80'E			

Area 3 – Rig List

Latest Update: 14 July 2016

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
			New	Seajacks Leviathan	53°57.70'N 04°29.70'E
	Seajacks Kraken	52°54.20'N 02°35.90'E		Ensko 122	53°58.00'N 04°27.60'E
	Seafox 4	53°03.20'N 02°11.30'E		Paragon HZ1	54°17.30'N 02°28.20'E
	Ensko 92	53°19.70'N 02°21.80'E		Seafox 1	54°27.00'N 02°28.90'E
	GMS Endurance	53°31.70'N 02°13.30'E		Seafox 2	54°34.10'N 02°18.10'E
	Swift 10	53°35.80'N 02°41.80'E		Seafox 7	54°34.20'N 02°17.50'E
	Paragon C461	53°37.80'N 05°08.50'E		Ensko 102	54°34.20'N 02°17.60'E
New	GMS Endeavour 6102	Amsterdam		Ensko 80	54°36.00'N 02°11.80'E
	Paragon C20051	53°44.80'N 03°37.00'E			

Area 5 – Rig List

Latest Update: 14 July 2016

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Irish Sea Pioneer	53°37.90'N 03°10.60'W			

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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: 16 June 2016

Glen Lyon – FPSO

 [Map Link](#)

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

Stena Spey – As-Laid At Eagle South

 [Map Link](#)

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	57°22.930'N 000°43.020'E	3	57°23.240'N 000°44.410'E	6	57°22.220'N 000°42.400'E
1	57°23.630'N 000°42.490'E	4	57°22.650'N 000°44.310'E	7	57°22.640'N 000°41.660'E
2	57°23.630'N 000°43.520'E	5	57°22.240'N 000°43.520'E	8	57°23.210'N 000°41.720'E

Deepsea Aberdeen – As-Laid At Schiehallion North West

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	60°22.848'N 04°05.976'W	3	60°24.420'N 004°06.918'W	6	60°21.906'N 04°02.946'W
1	60°22.446'N 04°09.204'W	4	60°24.288'N 004°04.494'W	7	60°21.288'N 04°05.664'W
2	60°23.652'N 04°08.898'W	5	60°23.358'N 004°02.580'W	8	60°21.456'N 04°07.614'W
			Schiehallion West Drill Centre	4	60°20.214'N 04°08.388'W

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			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			

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Paul B Loyd Jr – Schiehallion Gas Disposal Well AG01

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	60°19.700'N 04°09.700'W	3	60°20.652'N 04°09.504'W	6	60°18.810'N 04°08.892'W
1	60°19.830'N 04°11.778'W	4	60°20.220'N 04°26.388'W	7	60°18.714'N 04°08.892'W
2	60°20.454'N 04°10.980'W	5	60°19.560'N 04°08.106'W	8	60°19.092'N 04°11.346'W

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



Anchor No.	Anchor Position	Back-up Anchor	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
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



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



Anchor No.	Anchor Position	Laydown Pennant s	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
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

Paragon MSS1 – Telford H2 Well



Anchor No.	Anchor Position	Laydown Pennant s	Anchor Position	Laydown Pennant s
Well	58°12.320'N 00°16.720'E		7	58°11.760'N 00°17.300'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
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
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
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
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
6	58°12.020'N 00°17.760'E	58°11.990'N 00°17.880'E		

Blackford Dolphin – Proposed Anchor Pattern Alder



Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	58°06.121'N 00°41.692'E	3	58°06.504'N 00°42.665'E	6	58°05.483'N 00°41.550'E
1	58°06.640'N 00°40.956'E	4	58°06.043'N 00°42.909'E	7	58°05.370'N 00°40.718'E
2	58°06.759'N 00°41.833'E	5	58°05.601'N 00°42.426'E	8	58°06.198'N 00°40.474'E

Borgsten Dolphin – Dunbar Platform 3/14a



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		

Extra...

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Sedco 704 – At Fairleads Well G2G

 [Map Link](#)

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	59°21.080'N 01°32.980'E	3	59°21.760'N 01°32.610'E	6	59°20.880'N 01°34.170'E
1	59°20.770'N 01°31.760'E	4	59°21.790'N 01°32.880'E	7	59°20.380'N 01°34.130'E
2	59°21.410'N 01°31.680'E	5	59°20.990'N 01°34.140'E	8	59°20.370'N 01°32.800'E

Area 2 – Anchor List

First Published: 10 March 2016 | Latest Update: 05 May 2016

Catcher FPSO –

 [Map Link](#)

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

 [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		

Sedco 712 – As Laid at Shaw-N2 Well 22/22a

 [Map Link](#)

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	57°17.830'N 001°21.800'E	3	57°18.640'N 001°21.190'E	5	57°18.100'N 001°22.920'E
1	57°17.580'N 001°20.640'E	# 3 Pennant End	57°18.770'N 001°21.100'E	6	57°17.580'N 001°22.980'E
2	57°18.100'N 001°20.660'E	4	57°18.460'N 001°22.270'E	7	57°17.180'N 001°22.220'E
# 2 Pennant End	57°18.160'N 001°20.420'E	# 4 Pennant End	57°18.580'N 001°22.330'E	8	57°17.200'N 001°21.330'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		

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		

Extra...

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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 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
PGS Geophysical ASA Ramford Sterling	TBA	58°06.275'N 001°35.558'E 58°05.743'N 001°00.082'E 58°12.060'N 001°00.033'E 58°12.533'N 001°35.298'E		11/07/2016 - 25/07/2016
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
Gardline Geosurvey Ltd Ocean Reliance J8B2707	1500m	60°36.748'N 000°54.643'E 60°38.000'N 000°54.567'E 60°37.986'N 000°53.713'E 60°38.690'N 000°53.664'E 60°38.669'N 000°52.222'E 60°43.187'N 000°51.929'E 60°43.329'N 001°01.215'E 60°43.006'N 001°01.239'E 60°43.062'N 001°05.055'E 60°38.764'N 001°05.318'E 60°38.743'N 001°03.903'E 60°36.908'N 001°04.017'E 60°36.748'N 000°54.643'E	2, 3	01/07/2016 - 15/08/2016 For 14 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
Fugro Survey Limited Fugro Searcher TBC 3EUY6		60°31.103'N 001°15.810'W 60°52.284'N 003°08.231'W	205; 206; 207	22/06/2016 - 30/09/2016 For 14 Days
Fugro Survey Ltd Fugro Searcher 3EUY6		Along TEPUK existing pipelines		22/06/2016 - 30/09/2016 For 14 Days
Fugro Survey AS MV Fugro Meridian C6QR4		58°28.320'N 000°26.496'E 58°31.414'N 000°27.252'E 58°30.752'N 000°37.032'E 58°27.658'N 000°36.262'E	15	03/06/2015 - 12/09/2016 For 28 Days
Fugro Survey Ltd Fugro Searcher 3EUY6		60°03.714'N 001°58.026'E 60°04.259'N 001°59.083'E 60°03.696'N 002°00.244'E 60°03.151'N 001°59.186'E	3; 4	01/06/2016 - 30/11/2016 For 1 Day
Gardline Geosurvey Ltd Ocean Researcher GDLS		59°28.577'N 001°39.647'E 59°26.590'N 001°45.944'E 59°23.385'N 001°42.044'E 59°25.369'N 001°35.753'E	9	01/06/2016 - 31/07/2016 For 4 Days

Extra...

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Area 2 – Survey List

Company & Vessels	Towed Cable Length / Depth	Area Covered & Quad Blocks		Duration
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 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
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
Statoil ASA		57°34.942'N 01°49.592'W 57°35.395'N 01°43.247'W 57°34.666'N 01°43.113'W 57°34.633'N 01°49.509'W		15/06/2016 - 01/08/2016 For 1 Day
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
Western Geophysical WG Amundsen 5BXE2	5500m 18m 6 streamers	56°53.220'N 001°30.170'E 57°10.510'N 001°57.900'E 57°02.980'N 002°13.700'E 56°45.820'N 001°45.210'E	22; 23; 29; 30	03/06/2016 - 15/07/2016 For 45 Days
Western Geco Ltd M/V WG Magellan 5BPK2 M/V Geco Topaz 3FYH3 M/V WG Vespucci 5BXF2	3600m 23m	57°47.049'N 000°26.075'E 57°38.408'N 000°22.455'E 57°37.438'N 000°30.614'E 57°31.793'N 000°28.185'E 57°31.693'N 001°00.010'E 57°31.935'N 001°00.121'E 57°33.021'N 001°12.175'E	57°41.759'N 001°16.435'E 57°52.590'N 001°21.269'E 57°58.097'N 001°08.217'E 57°58.010'N 000°59.489'E 57°57.568'N 000°56.542'E 58°00.786'N 000°32.046'E	01/06/2016 - 30/11/2016 For 55 Days

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Area 3 – Survey List

Company & Vessels	Towed Cable Length / Depth	Area Covered & Quad Blocks		Duration
Civil Hydrography Gardline RV Ocean Researcher GDLS MV Confident ZQZ15		Dudgeon Shoal to Silver Pit Approx centre point: 53°18.996'N 001°07.438'E	Contact: Mr David Guy, Mobile: 07980 591631 Email: davidguy2020@gmail.com.	14/07/2016 For 2-3 weeks
Civil Hydrography Gardline MV Vigilant PBNX		Dungeness to Folkestone Approx centre point: 53°03.511'N 001°05.733'E	Contact: Mr David Guy, Mobile: 07980 591631 Email: davidguy2020@gmail.com.	14/07/2016 For 4-6 weeks
Civil Hydrography Gardline MV Vigilant PBNX		Dungeness to Folkestone Approx centre point: 53°08.000'N 001°27.450'E	Contact: Mr David Guy, Mobile: 07980 591631 Email: davidguy2020@gmail.com.	14/07/2016 For 4-6 weeks
Fugro EMU Limited Valkyrie - 2BWA9 RV Discovery - 2AEL8		53°00.993'N 001°47.630'E 52°51.805'N 001°27.502'E	48; 52	24/06/2016 - 29/07/2016 For 4 Days
Schlumberger TBA		54°17.255'N 002°28.117'E	44	01/06/2016 - 15/10/2016 For 1 Day
TBC		53°24.556'N 001°22.336'E 53°23.637'N 001°59.742'E	48	01/06/2016 - 31/07/2016 For 7 Days

Area 4 – Survey List

Company & Vessels	Towed Cable Length / Depth	Area Covered & Quad Blocks		Duration
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

Area 5 – Survey List

Company & Vessels	Towed Cable Length / Depth	Area Covered & Quad Blocks		Duration
Petroleum Geo-Services Ramford Vanguard C6TU8 Thor Magni C6BH9 Thor Chaser J8B2384	7050m 20m	52°31.100'N 013°38.265'W 52°31.659'N 012°12.653'W 52°28.165'N 012°11.964'W 52°28.148'N 011°52.839'W 52°11.845'N 011°52.938'W 52°00.343'N 012°02.867'W 51°59.831'N 013°34.436'W 52°15.992'N 013°39.166'W		Mid June 2016 For 40 Days
Fugro Geoservices Ltd Aran 250 - 2DX27 Taktow - MBGN Pamero - MENS		54°24.948'N 003°36.104'W 54°26.246'N 003°33.021'W 54°23.325'N 003°33.676'W 54°24.583'N 003°30.821'W		01/05/16 - 24/09/16 For 106 Days

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