

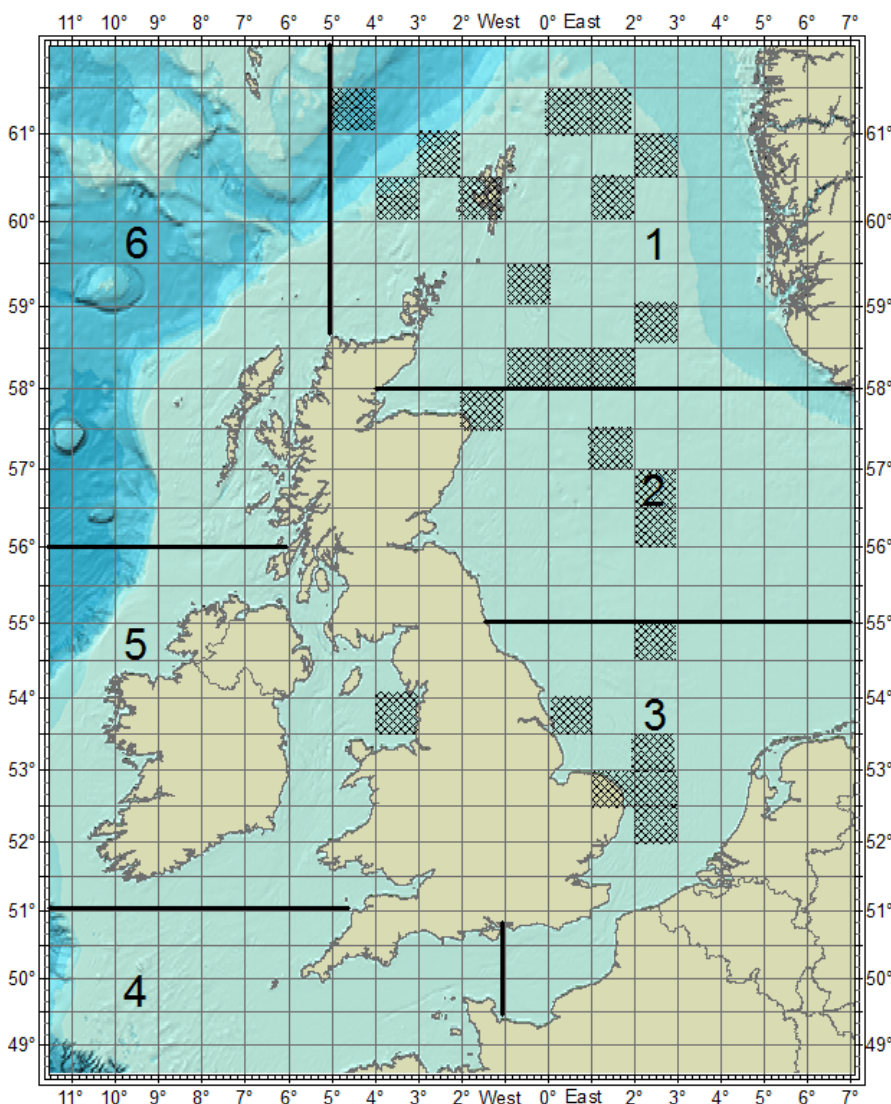
Kingfisher Bulletin

Offshore News

Oil & Gas

09 February 2017 | Issue 03

Shaded blocks indicate activity.



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Support

The Kingfisher Bulletin is provided by the Kingfisher Information Service of Seafish, to promote the awareness of offshore hazards to fishing, new structures and zones and conflicting offshore operations. Support for the production of oil & gas industry information is received from FLTC Services Ltd and The Scottish Government.



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
Temporary Obstruction	58°51.966'N 002°29.994'E	15 Dec 2016	kehje@statoil.com	
Concrete Mattress 13Te (6m x 3m x 300mm)	61°23.699'N 001°44.424'E	03 Nov 2016	nick.strachan@uk.bp.com	
Concrete Mattress 13Te (6m x 3m x 300mm)(61°22.779'N 001°43.834'E	03 Nov 2016	nick.strachan@uk.bp.com	
Grout Bags 80 bags, each measuring 25kg (400mm x 250mm x150mm)(LxBxH)	61°23.836'N 001°44.434'E	03 Nov 2016	nick.strachan@uk.bp.com	
Grout Bags 80 bags, each measuring 25kg (400mm x 250mm x150mm)(LxBxH)	61°23.831'N 001°44.437'E	03 Nov 2016	nick.strachan@uk.bp.com	
Grout Bags 80 bags, each measuring 25kg (400mm x 250mm x150mm)(LxBxH)	61°22.764'N 001°43.836'E	03 Nov 2016	nick.strachan@uk.bp.com	
Large Anchor	59°03.027'N 000°18.516'W	03 Nov 2016	bbennett@oilandgasuk.co.uk	
New Suspended Wellhead – 205/21a-7Z	60°11.959'N 003°51.841'W	03 Nov 2016	kirsty.m@petrofac.com	
Mooring Chain	61°28.514'N 004°30.905'W	22 Sept 2016	npoim@enquest.com	
Enquest Water Injection Flowline - Crater	61°28.383'N 001°30.767'E	28 July 2016	Linda.Bremner@enquest.com	
Exposed cut end of pipe	61°04.102'N 001°24.107'E	14 July 2016	kingfisher@seafish.co.uk	

Area 2		Hazard List		
Hazard Type	Position	Issue Date	Contact Details	Map
Kessog 30/01c-09-SSXT 2.75m protruding	56°50.662'N 002°10.008'E	22 Sept 2016	nick.strachan@uk.bp.com	
Cement Block	57°49.735'N 001°02.347'W	25 Aug 2016	Brian.Beattie@nexencnoocld.com	
New Suspended Wellhead – 21/19-13	57°22.931'N 000°43.018'E	28 July 2016	Marcelle.wynter@oga.gsi.gov.uk	

Area 3		Hazard List		
Hazard Type	Position	Issue Date	Contact Details	Map
Hand rails, ladder 3m x 3m	53°39.656'N 000°54.364'E	01 Dec 2016	susan.mackenzie@centrica.com	
6 tonne elastomer buoy	53°23.917'N 002°14.033'E	06 Oct 2016	David King r92oim@enscoplc.com	
Lost Wire	53°24.177'N 002°13.896'E	06 Oct 2016	David King r92oim@enscoplc.com	
Dropped objects in East Anglia Wind Farm	52°16.665'N 002°31.323'E	14 July 2016	v.griffiths@fugro.com	

Area 5		Hazard List		
Hazard Type	Position	Issue Date	Contact Details	Map
Lost Dredge Suction Pipe	53°26.943'N 003°24.691'W	15 Nov 2016	graham.singleton@cemex.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.

Notice To Fishermen

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

FishSAFE Information – FSIv33 Now Available



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

FishSAFE v33 contains the positions of many new oil & gas structures and is available for the following fishing plotter systems: Sodena, Maxsea, Olex, Penta, SIS MicroPlot, Transas Navifisher, Litton FishMaster, TMPlanner Quodfish, Trax and also your FishSAFE Unit.

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

Notice to Fishermen

First Published: 12 January 2017 | Latest Update: 12 January 2017

Fishing Hazard – 5te Clump Weight and Various Obstructions 204/20a



Please be advised of the following items that may provide a Potential Snagging Hazard:

Dropped Clumpweight and associated hoses

Position
60°21.515'N 004°01.018'W

5te clump weight (2.7m x 0.8m), 30m of 28mm wire rope, 80m of 2" hose and a 20kg Moffat Stab were lost overboard.

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

Seabed Activity

First Published: 26 January 2017 | Latest Update: 7 February 2017

Devenick Field Programme – Well Abandoning



TAQA Bratani is planning to abandon the Devenick E&A (9/29a-1) well in the Devenick field. The operations consist of re-entering the well and fully abandoning it. Operations will be conducted from the Awilco WilPhoenix semi-submersible drilling rig and the work is planned to commence around 30th January 2017 and will remain on the well until 11th March 2017. The field period may be prolonged depending on weather conditions and other factors.

The WilPhoenix will be located in the Devenick Field Block 9/29a

Well Number	Location	Start / Finish	Description of Work
9/29a-1	59°09.851'N 001°37.966'E	30/01/17 – 11/03/2017	Permanently abandon the well as per UKOOA abandonment guidelines

For further information: Derek Harrold, TAQA Bratani, Tel:+44 1224 275557, email: derek.harrold@taqaglobal.com

Seabed Activity

First Published: 12 January 2017 | Latest Update: 12 January 2017

Armada Kraken FPSO – Temporarily Wet Store Mating Seal Plug Assembly



Please note that Bumi Armada UK Ltd would like to make notice of the intent to temporarily wet store the Armada Kraken FPSO Mating Cone Seal Plug Assembly on the seabed at the following coordinates in UKCS Block 9/2.

Coordinates
59°55.114'N 01°16.753'E

The FPSO has had to go in to the port of Rotterdam for some urgent inspection and repair work and is expected to be there for a minimum of 2 weeks. Due to the unscheduled delay the deployment of the FPSO mating Cone Seal Plug Assembly will be delayed

For further information: Ron Reid tel 01224 281619 or r.reid@bumiarmada.com

Western Isles – Project Development

Dana are planning to undertake the installation of the north and south pipeline bundles as part of the Western Isles Project Development.



The two 2.5km long bundles will be installed on the seabed between each drill centre (North Drill Centre & South Drill Centre) and the future Western Isles FPSO location. The earliest start date for operations to commence is 11th January where the bundles will be towed from Sinclair's Bay north of Wick to the Western Isles Field. The entire operation is expected to take approximately 31 days to complete. The installation of the two bundles will be undertaken by a tow fleet consisting of the Subsea Viking, Siem Opal, Siem Garnet, BB Worker and the GV Golden Sceptre. Also in the field during this period will be the Olympic Taurus construction vessel.

Subsea 7 are contracted by Dana Petroleum to install 2 x bundles (1 x 2.496 km South Bundle & 1 x 2.404 km North Bundle). Each bundle consists of a drill centre manifold structure at one end, approximately 2.5km of 38" carrier pipe, and a riser base manifold structure at the opposite end.

Each bundle (South & North) is launched from the Subsea 7 Wester bundle fabrication site in Wester, Wick, Scotland. Towed by tugs along a planned tow route and installed in the Dana Western Isles Field UKCS block 210/24a situated 90km to the North East of Shetland.

The first (South bundle) is planned to be launched on the 11th January 2017, towed to the Dana Western Isles Field between the 11th - 14th January 2017 and installed between the 14th - 18th January 2017 in the Dana Western Isles field block 210/24a.

The second (North bundle) is planned to be launched on the 19th January 2017, towed to the Dana Western Isles Field between the 19th - 22nd January 2017 and installed between the 22nd - 26th January 2017 in the Dana Western Isles field block 210/24a.

The field is located in the UKCS, Block 210/24a situated 90km to the North East of Shetland and 12km west of the Tern platform, which is the nearest fixed facility. The water depth of the development varies from approximately 150m to 165m.

Bundles	Coordinates	Coordinates End
North Bundle	61°13.014'N 000°42.240'E	61°13.045'N 000°45.083'E
South Bundle	61°11.744'N 000°43.673'E	61°12.962'N 000°44.854'E

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

Murdo MacLennan Subsea 7 Tel: +44(0)1224 265107 email: murdo.maclennan@subsea7.com

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.

MV Norlan (BF362), Call Sign: MYR16, is acting as guard vessel part way between Edradour & Edradour PLEM at the following location: 60° 55.39' N 02° 23.73' W
 MV Venturous (LK75), Call Sign: MLEY5, is acting as guard vessel part way between Edradour & Glenlivet at the following location: 61° 00.28' N 02° 09.16' 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

The metocean buoy in the last issue has been removed from the field.

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

Seabed Activity

First Published: 24 March 2016 | Latest Update: 07 February 2017

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.

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



Seabed Activity

First Published: 13 December 2016 | Latest Update: 07 February 2017

Rowan Gorilla V jack-up rig move – UKCS Block 3/30

Rowan Gorilla V now arrived and drilling at Sween at following location with 500m safety zone;

Location	Coordinates
UKCS Block 3/30	60°03.710'N 01°59.130'E



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

Seabed Activity

First Published: 15 June 2016 | Latest Update: 07 February 2017

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

Deployment of Buoys

First Published: 12 January 2017 | Latest Update: 12 January 2017

Pentland Firth – Deployment of ADCP

Deployment of ADCP close to the seabed – up to 10m above seabed. No surface markers in 75m water.

Deployed from 17th December 2016 – May 2017

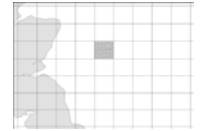
58°43.570'N 003°14.180'W



For further information: Rory O Hara, Marine Scotland Science, Tel: +44(0)1224 295358 email: R.Murray@MARLAB.AC.UK

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

To date, the following have been successfully installed:

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

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

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

- **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.
- **Guard Vessel**
A Scottish Fishermen's Federation guard vessel [MV "Faithful" FR129] is currently monitoring the STP Buoy location.

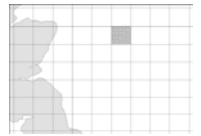
Drilling

The ENSCO 100 Drilling Rig is currently on location at the Varadero Drilling Template #1 position (coordinates of Drill Centres above) and will remain at this location until the Spring 2017, when it will move to Burgman Drilling Template #1.

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

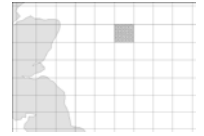
For further information: Steve Quayle, Tel: 01224 914298 email: squayle@premier-oil.com

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.
- Nobel Regina Allen jack-up - On location 27th September, providing accommodation at Montrose A for 6 months.



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

Deployment of Buoys

First Published: 12 January 2017 | Latest Update: 12 January 2017

East Coast of Scotland – Moored Scientific Equipment

Marine Scotland Science wishes to inform stakeholders off eastern Scotland of changes to the ECOMMAS array of moored scientific equipment, deployed April/May 2016. The majority of the moorings have been removed.



Two moorings have been deployed as shown in the table below:

Location Name	Coordinates	Date Deployed	Depth	Surface Marked
Helmsdale 15	57°58.542'N 003°32.154'W	19/11/2016	54m	Y
Arbroath 10	56°29.988'N 002°22.800'W	25/11/2016	56m	N

For further information: Dr Ewan, Marine Scotland Science, Tel: 01224 295617 email: Ewan.Edwards@gov.scot

Notice to Fishermen

First Published: 01 December 2016 | Latest Update: 01 December 2016

Fishing Hazard – Handrails, ladder 3m x 3m



Please note that metal debris, appearance of handrails, two diagonal braces and a ladder. Size Approximately 3m x 3m

Position: 53°39.656'N 000°54.364'E



For further information: Susan Mackenzie, Centrica, email: susan.mackenzie@centrica.com

Seabed Activity

First Published: 09 February 2017 | Latest Update: 09 February 2017

Ann Template – Well Abandoning

The vessel MV Seawell will be at the Ann template, at the following location until approximately 14th March 2017.

53°42.933'N 002°03.368'E

The vessel will then make a port call, before traversing to the Audrey 11a-7 well location 53°32.475'N 02°00.539'E around the 15th March 2017, where it will provide dive support for a period of approximately 7 days. It will then return to the Ann field (Ann A4) at the following location until the planned demobilisation date of 28th April 2017:

53°42.933'N 02°03.424'E

This schedule is subject to change depending on operational requirements.



For further information: Lyndsay Arthur, Centrica, Tel: +44(0) 1224 415 150 email: Lyndsay.arthur@centrica.com

Seabed Activity

First Published: 09 February 2017 | Latest Update: 09 February 2017

Harrier Well – Drilling Operations

Ithaca Energy advises that development drilling operations on the Harrier Well 30/6a-ML1 will be undertaken from Ensco's self-elevating drilling unit, Ensco 122. The scheduled spud date for the drilling operations is around 1st March 2017. There will be a number of vessels supporting the drilling activities, including an ERRV and PSVs, these vessels have not been named as yet, an update will be provided when they are identified. There will also be a Stimulation Vessel in close proximity to the drill rig during this campaign; this will be the Big Orange XVIII.



Drilling Rig/Ship	Installation / Well No	Position	Start / Finish
Ensco 122	Harrier Well 30/6a-ML1	56°43.564'N 002°05.327'E	01/03/17

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

Liverpool Bay – Drilling Operations

Petrofac drilling operations

Drilling Rig/Ship	Installation / Well No	Position	Start / Finish	Duration
Irish Sea Pioneer	Lennox Field 110/15L	53°37.881'N 003°10.595'W	20/12/16	75 Days



For further information: Alec Townley, Petrofac, Tel: +44 1352 842353 alec.townley@petrofac.com

Area 1 Rig List

Latest Update: 06 February 2017

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Sedco 712	58°02.00'N 00°43.70'E		Rowan Gorilla 5	60°03.71'N 01°59.13'E
	Blackford Dolphin	58°18.10'N 01°42.40'E		Transocean Spitsbergen	60°15.60'N 03°32.80'W
	Maersk Integrator	58°34.30'N 01°41.80'E		Deepsea Aberdeen	60°20.00'N 04°06.00'W
	Rowan Viking	58°50.60'N 02°14.90'E		Maersk Intrepid	60°30.30'N 02°00.80'E
	Maersk Interceptor	58°55.30'N 02°11.80'E		Safe Scandinavia	60°41.90'N 02°55.90'E
	Deepsea Atlantic	58°55.50'N 02°24.50'E		Flotel Victory	60°44.20'N 02°29.90'W
New	Wilphenix	59°09.90'N 01°37.90'E		Songa Equinox	60°49.80'N 03°34.20'E
	Ocean Valiant	59°20.30'N 01°36.40'E		COSL Promoter	60°52.50'N 03°29.60'E
	Transocean Arctic	59°29.70'N 01°57.90'E		West Elara	61°02.30'N 02°20.30'E
	Ocean Patriot	59°32.00'N 01°24.40'E	New	Scarabeo 5	61°08.00'N 03°32.00'E
	Noble Lloyd Noble	59°35.40'N 01°03.40'E		Bideford Dolphin	61°16.60'N 02°07.10'E
	Transocean Leader	59°53.90'N 01°16.90'E		Paul B Loyd Jr	61°40.10'N 01°22.20'E

Area 2 Rig List

Latest Update: 06 February 2017

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Ensko 71	55°28.70'N 05°06.50'E		COSL Rival	56°41.80'N 02°20.30'E
	Maersk Resilient	55°34.70'N 04°45.60'E		Ensko 100	56°48.40'N 00°42.30'E
	Noble Sam Turner	55°38.40'N 04°53.10'E		GSF Galaxy 1	57°00.79'N 01°50.37'E
	Maersk Guardian	55°43.30'N 04°48.00'E		Prospector 5	57°00.80'N 01°50.50'E
	Seafox 5	55°46.10'N 04°38.90'E		Noble Hans Deul	57°01.90'N 01°57.30'E
	Ensko 121	55°52.90'N 04°14.00'E	New	Maersk Highlander	57°11.70'N 01°54.80'E
	Maersk Innovator	56°22.60'N 03°15.50'E		Noble Regina Allen	57°27.00'N 01°23.20'E

Area 3 Rig List

Latest Update: 06 February 2017

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
	Paragon Prospector 1	52°05.40'N 03°58.60'E		GMS Endurance 6101	53°32.00'N 02°15.30'E
	Seafox 4	53°03.20'N 02°11.30'E		Rowan Gorilla VII	54°03.30'N 01°02.10'E
	590021	53°14.00'N 03°14.50'E		Seafox 2	54°04.40'N 00°54.90'E
	Ensko 92	53°14.90'N 02°17.80'E		Ensko 80	54°36.00'N 02°11.80'E
	Atlantic Amsterdam	53°15.30'N 00°52.00'E		Seafox 7	54°36.00'N 02°11.80'E
	Ensko 72	53°23.60'N 04°12.10'E		Ensko 101	54°51.20'N 04°41.80'E

Area 5 Rig List

Latest Update: 06 February 2017

MOVEMENT	RIG	POSITION	MOVEMENT	RIG	POSITION
New	Irish Sea Pioneer	53°37.90'N 03°10.60'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: 12 January 2017

PBLJ – At the Magnus D6 Well

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	61°40.062'N 001°22.068'E	3	61°40.440'N 001°24.036'E	6	61°39.060'N 001°21.804'E
1	61°40.980'N 001°21.282'E	4	61°39.690'N 001°24.024'E	7	61°39.684'N 001°20.100'E
2	61°40.992'N 001°22.848'E	5	61°39.126'N 001°22.866'E	8	61°40.446'N 001°20.070'E

Deepsea Aberdeen – As-Laid At Schiehallion West Drill Centre

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	60°19.356'N 004°09.156'W	3	60°21.096'N 004°04.992'W	6	60°17.742'N 004°04.620'W
1	60°20.376'N 004°09.192'W	4	60°20.424'N 004°03.684'W	7	60°18.378'N 004°07.116'W
2	60°21.480'N 004°06.972'W	5	60°19.314'N 004°01.152'W	8	60°19.920'N 004°06.072'W

Ocean Guardian – Anchors as Laid at Western Isles South Drill Centre

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	61°11.770'N 00°43.640'E	3	61°12.410'N 00°43.130'E	6	61°11.450'N 00°44.180'E
1	61°11.570'N 00°42.240'E	4	61°12.430'N 00°44.050'E	7	61°10.770'N 00°43.180'E
2	61°12.000'N 00°42.320'E	5	61°12.020'N 00°45.050'E	8	61°10.880'N 00°43.210'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

Captain FPSO

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	58°18.296'N 01°44.658'W	3	58°18.529'N 01°42.623'W	6	58°17.542'N 01°41.653'W
1	58°18.148'N 01°43.413'W	4	58°18.430'N 01°41.829'W	7	58°17.389'N 01°42.497'W
2	58°18.391'N 01°43.139'W	5	58°17.919'N 01°41.275'W	8	58°17.630'N 01°43.494'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

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

Deepsea Atlantic – Pre-laid 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	59°52.680'N 01°12.870'E
2	59°54.310'N 01°12.690'E	59°54.400'N 01°12.740'E	6	59°52.740'N 01°11.590'E	59°52.660'N 01°11.540'E
3	59°54.760'N 01°13.790'E	59°53.790'N 01°13.980'E	7	59°53.200'N 01°10.670'E	59°53.170'N 01°10.520'E
4	59°53.210'N 01°13.700'E	59°53.170'N 01°13.880'E	8	59°53.820'N 01°10.660'E	59°53.850'N 01°10.510'E

Paragon MSS1 – Telford H2 Well



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	58°11.700'N 00°17.380'E
1	58°12.850'N 00°16.160'E	58°12.930'N 00°16.050'E	8	58°11.690'N 00°16.720'E	58°11.610'N 00°16.720'E
2	58°12.940'N 00°16.720'E	58°12.950'N 00°16.580'E	9	58°11.770'N 00°16.150'E	58°11.700'N 00°16.090'E
3	58°12.840'N 00°17.270'E	58°12.900'N 00°17.130'E	10	58°12.020'N 00°15.690'E	58°11.980'N 00°15.570'E
4	58°12.610'N 00°17.720'E	58°12.680'N 00°17.660'E	11	58°12.320'N 00°15.500'E	58°12.320'N 00°15.370'E
5	58°12.320'N 00°17.860'E	58°12.320'N 00°18.000'E	12	58°12.620'N 00°15.670'E	58°12.660'N 00°15.550'E
6	58°12.020'N 00°17.760'E	58°11.990'N 00°17.880'E			

Area 2 Anchor List

Latest Update: 01 November 2016

West Phoenix – At Invergordon Anchorage

West Phoenix at Offshore Invergordon Anchorage, Moray Firth with anchors deployed. Offhire from TEPUK, but TEPUK want to publish final position. The DP3 semi-submersible Rig West Phoenix is currently at an offshore Invergordon anchorage, Moray Firth

Anchor No.	Position	Anchor No.	Position	Anchor No.	Position
Rig	57°42.560'N 03°52.550'W	3	57°43.710'N 03°53.420'W	6	57°42.190'N 03°50.840'W
1	57°42.140'N 03°54.500'W	4	57°43.720'N 03°51.690'W	7	57°41.650'N 03°51.870'W
2	57°43.150'N 03°54.140'W	5	57°43.000'N 03°50.520'W	8	57°41.640'N 03°53.250'W

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 00°42.782'E				
1	56°46.573'N 00°42.093'E	5	56°46.457'N 00°43.780'E	9	56°45.713'N 00°42.755'E
2	56°46.602'N 00°42.136'E	6	56°46.423'N 00°43.804'E	10	56°45.719'N 00°42.687'E
3	56°46.630'N 00°42.182'E	7	56°46.387'N 00°43.824'E	11	56°45.728'N 00°42.620'E
4	56°46.655'N 00°42.233'E	8	56°46.350'N 00°43.840'E	12	56°45.739'N 00°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		

Ocean Patriot – As Laid at Pierce A12 Well



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		

Area 1 Survey List

Latest Update: 12 January 2017

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
Azinar Catalyst Limited TBA	1200m 3m	58°32.375'N 000°57.552'W 58°28.842'N 000°51.207'W 58°32.524'N 000°43.692'W 58°36.064'N 000°50.034'W	14	13/02/2017 - 13/05/2017 For 4 Days
Fugro Survey Ltd M V Fugro Galaxy C6YY4	400m 4m	58°28.100'N 001°09.766'W 58°28.232'N 001°05.663'W 58°25.950'N 001°09.512'W 58°26.082'N 001°05.412'W	13	01/02/2017 - 14/03/2017 For 5 Days
Schlumberger Oilfield UK plc Transocean Spitsbergen V7ZS8		60°15.603'N 003°32.900'W	205	01/01/2017 - 28/02/2017 For 1 Day
Baker Hughes Wireline Ocean Valiant V7EB7		59°20.232'N 001°36.301'E	9	20/10/2016 - 28/02/2017 For 1 Day
Gardline Geosurvey Limited Ocean Reliance J8B2707		59°35.849'N 001°39.467'E 59°35.932'N 001°47.967'E 59°31.623'N 001°48.121'E 59°31.540'N 001°39.638'E	9	23/09/2016 - 30/04/2017 For 4 Days

Area 2 Survey List

Latest Update: 12 January 2017

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
Gardline Geo Survey MV Kommandor		56°57.524'N 001°51.119'E 56°58.445'N 001°51.090'E 56°58.461'N 001°52.919'E 56°57.540'N 001°52.946'E	29	24/02/2016 - 30/06/2017 For 3 Days
Repsol Sinopec Resources UK Ltd TBC	1200m 4m	57°29.686'N 001°26.459'E 57°26.023'N 001°26.616'E 57°25.930'N 001°19.324'E 57°29.593'N 001°19.156'E	22	16/02/2016 - 30/06/2017 For 5 Days
TBC	3m 75m	57°21.228'N 001°20.789'E 57°21.294'N 001°25.173'E 57°23.661'N 001°25.073'E 57°23.594'N 001°20.673'E	22	22/01/2017 - 22/03/2017 For 3 Days
TBC	3m 75m	57°19.444'N 001°18.139'E 57°15.127'N 001°18.340'E 57°15.228'N 001°26.290'E 57°19.544'N 001°26.106'E	22	22/01/2017 - 22/03/2017 For 3 Days

Area 3 Survey List

Latest Update: 12 January 2017

Company & Vessels	Towed Cable Length & Depth	Area Covered 1 (inc Quod Blocks)	Area Covered 2 (inc Quod Blocks)	Duration
Polarcus DMCC Polarcus Asima C6XK6	6000m / 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	01/10/2016 - 31/07/2017 For 2 Days
Fugro Survey Fugro Galaxy C6YY4	3m 600m	54°34.381'N 001°18.744'E 54°33.573'N 001°22.067'E 54°30.056'N 001°17.996'E 54°31.896'N 001°14.674'E	43	25/01/2017 - 05/04/2017 For 7 Days
Gardline MV Titan Discovery ZQZ15		52°19.980'N 001°41.080'E 52°23.290'N 001°43.130'E 52°23.260'N 001°45.000'E 52°19.980'N 001°41.080'E		December 2016 - January 2017
Fugro Survey Fugro Galaxy C6YY4	3m 600m	54°29.300'N 001°21.779'E 54°27.193'N 001°25.565'E 53°24.710'N 001°21.502'E 53°26.814'N 001°17.716'E	43	25/01/2017 - 05/04/2017 For 7 Days
Gavin Hulmston TBC		54°03.244'N 001°01.985'E	43	23/01/2017 - 28/05/2017 For 1 Day
Gardline MV Confident MV Vigilant		51°26.626'N 001°29.789'E 51°34.110'N 001°22.670'E 51°34.645'N 001°34.892'E 51°37.990'N 001°45.950'E 51°40.710'N 001°12.359'E 50°27.431'N 001°52.657'E 51°26.626'N 001°29.789'E		23/01/2017 - 23/02/2017 For 4 Weeks
Fugro Survey B.V Fugro Pioneer C6BH3		54°14.543'N 002°30.897'E 54°14.546'N 002°31.818'E 54°15.625'N 002°31.805'E 54°15.621'N 002°30.884'E	44	18/11/2016 - 31/01/2017 For 3 Days

Fugro Engineers B.V		54°14.543'N 002°30.897'E 54°14.546'N 002°31.818'E 54°15.625'N 002°31.805'E 54°15.621'N 002°30.884'E	44	21/02/2017 - 30/04/2017 For 5 Days
Bibby Hydromap Bibby Tethra 2EGF8		53°25.104'N 001°15.869'E 53°25.117'N 001°16.774'E 53°24.566'N 001°15.892'E 54°24.580'N 001°16.795'E 53°33.024'N 001°21.085'E 53°33.038'N 001°21.998'E 53°32.483'N 001°21.103'E 53°32.496'N 001°22.019'E 53°24.841'N 001°16.341'E 53°24.558'N 001°22.418'E 53°24.396'N 001°22.480'E 53°32.762'N 001°21.544'E	48	20/01/2017 - 28/02/2017 For 6 Days
Bibby Hydromap Bibby Tethra 2EGF8		54°27.183'N 002°28.315'E 54°27.187'N 002°29.243'E 54°26.641'N 002°28.322'E 54°26.641'N 002°29.250'E	44	20/01/2017 - 28/02/2017 For 1 Day
Bibby Hydromap Bibby Tethra 2EGF8		54°07.079'N 000°27.122'E 54°07.099'N 000°28.039'E 54°06.540'N 000°27.155'E 54°06.560'N 000°28.072'E	42	20/01/2017 - 28/02/2017 For 1 Day
RV Ocean Researcher GDLS		52°26.296'N 002°02.080'E 52°35.350'N 002°01.892'E 52°41.990'N 002°13.801'E 52°43.384'N 002°18.018'E 52°38.157'N 002°28.129'E 52°26.307'N 002°23.127'E		18/01/2017 - 18/02/2017 For 3-4 Weeks
Gardline MV Titan Discovery 2HCR3 MV Titan Endeavour 2ELT9		52°05.210'N 001°34.800'E 52°16.860'N 001°37.750'E 52°19.980'N 001°41.080'E 52°19.980'N 001°44.220'E 52°03.210'N 001°39.140'E		January - March 2017