



FOGA ApS
FISHERMENS
INFORMATION
ON OFFSHORE
ACTIVITIES

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NORTH SEA ACTIVITIES

Week 13
March 26, 2024

FOGA ApS has on basis of information received from offshore-operators at the North Sea prepared the following newsletter describing present activities:

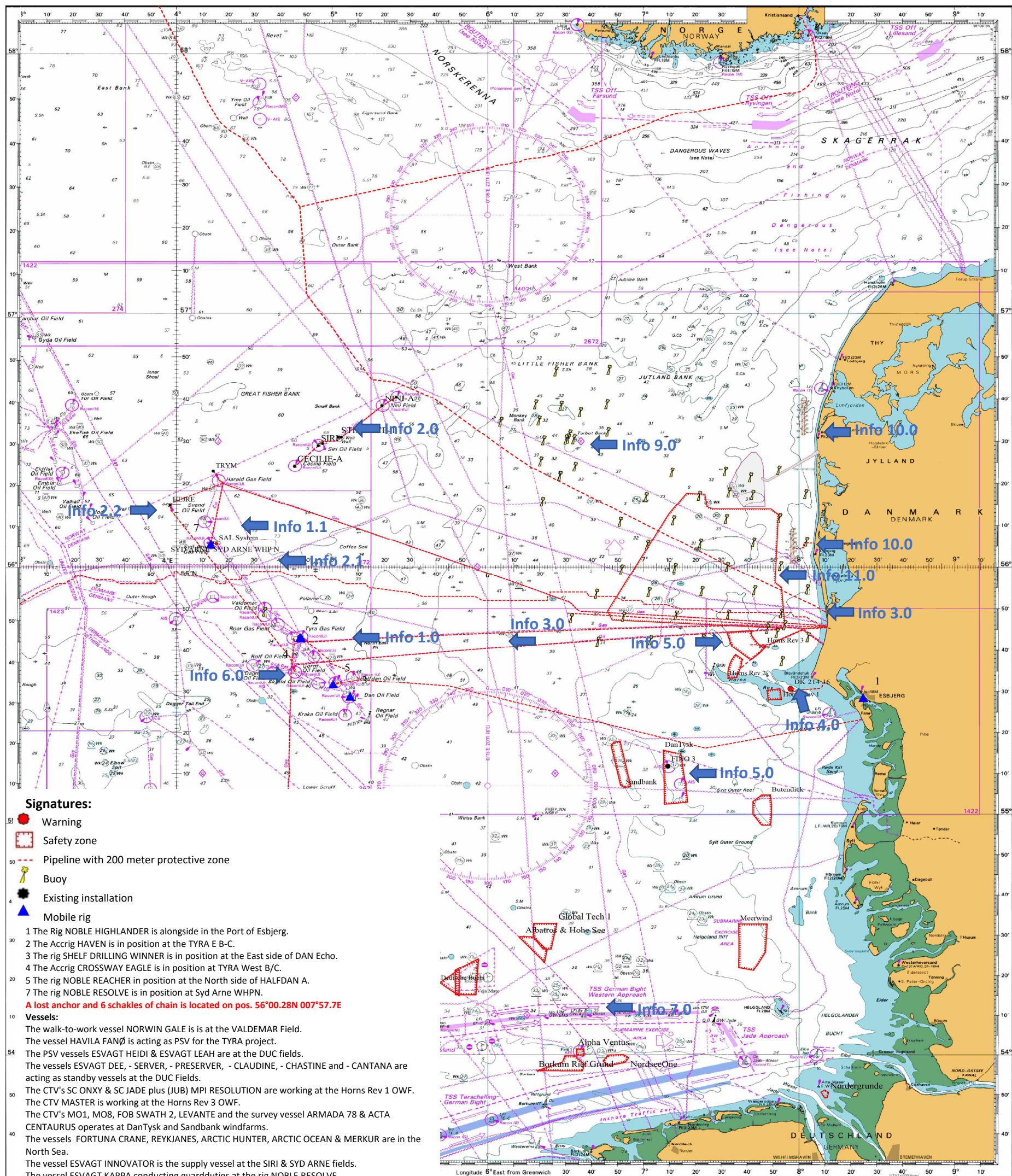


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NORTH SEA ACTIVITIES

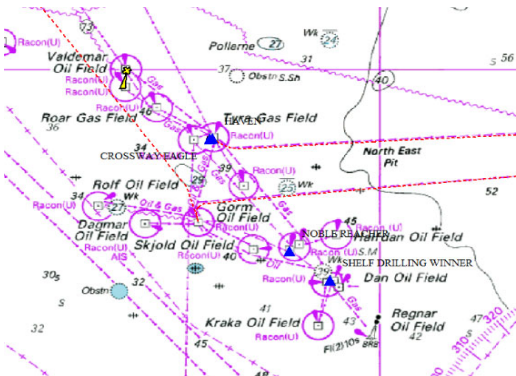
**Update of information
Week 13
March 26 - April 01, 2024**
Next FOGA Info to be distributed April 02, 2024

Rigs in the Port of Esbjerg

The rig **NOBLE HIGHLANDER** is alongside in the port of Esbjerg.



Info 1.0



Vessels:

The walk-to-work vessel **NORWIN GALE** is at the **VALDEMAR** Field.
The vessel **HAVILA FANØ** is acting as PSV for the **TYRA** project.
The vessels **ESVAGT CONNECTOR**, **ESVAGT PRESERVER**, **ESVAGT SERVER**, **ESVAGT CLAUDINE**, **ESVAGT CHASTINE** and **ESVAGT CANTANA** are acting as standby vessels at the **DUC** Fields.
The vessels **ESVAGT HEIDI** and **ESVAGT LEAH** (PSV) are at the **DUC** Fields.

TYRA REDEVELOPMENT:

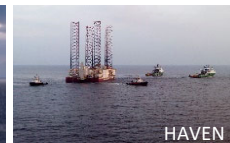
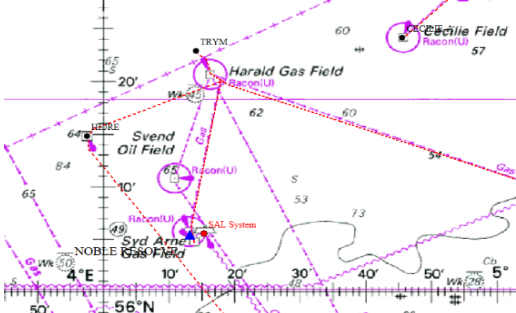
More information on this project can be found on page 4.

Rigs:

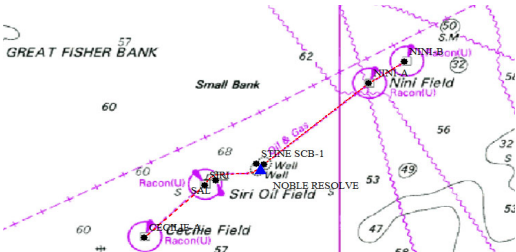
The rig **NOBLE REACHER** North side of **HALFDAN A**.
The rig **SHELF DRILLING WINNER** is in position at the East side of **DAN Echo**.
The accommodation rig **CROSSWAY EAGLE** is in position at the **TYRA West** Field between B & C platforms.
The accommodation rig **HAVEN** is in position at the **TYRA East** between the B & C platforms.



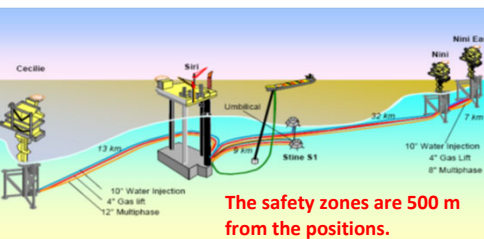
Info 1.1



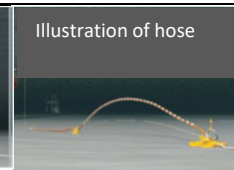
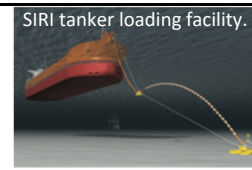
Info 2.0



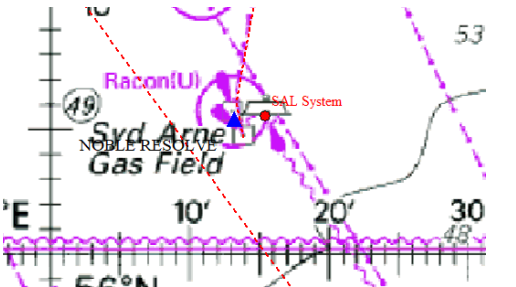
**INEOS
Oil & Gas**



SIRE-field: 56° 28.96' N 004° 54.67' E
The SAL system: 56° 29.458' N 004° 56.350' E
CECILIE-A field: 56° 24.13' N 004° 45.58' E
NINI A-field: 56° 38.45' N 005° 19.27' E
NINI B-field: 56° 40.49' N 005° 24.74' E
STINE field - Subsea installations:
STINE SCB-1: 56° 30.325' N 005° 02.505' E
STINE SCB-2: 56° 30.985' N 005° 03.493' E



Info 2.1



Vessels

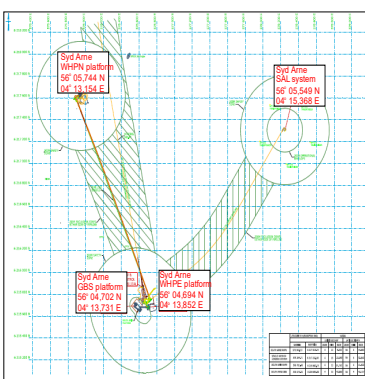
The vessel **ESVAGT INNOVATOR** is the supply vessel at the **SIRE** and **Syd Arne** fields.
The vessel **ESVAGT KAPPA** is conducting guard duties at the rig **NOBLE RESOLVE**.
The vessel **SAEBORG** is supply vessel for the rig **NOBLE RESOLVE**.
The rig **NOBLE RESOLVE** is in position at the platform **Syd Arne WHPN**.

SIRE Field

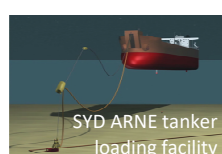
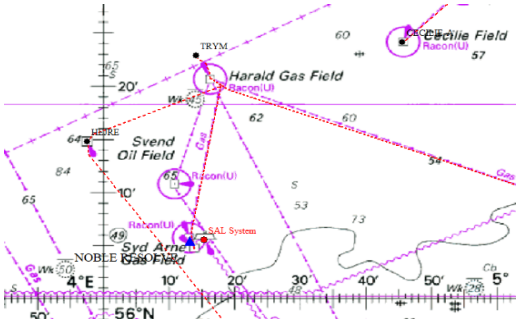
The **SIRE** platform and storage tanks is installed at the position: 56° 28,96' N 004° 54,67' E. The satellite platform **Cecilie** is installed at the position: 56° 24,13' N 004° 45,58' E. The satellite platforms **Nini** and **Nini East** are installed at the following positions: 56° 38,45' N 005° 19,27' E and 56° 40,49' N 005° 24,74' E. A safety zone of 500 m has been established. Mariners have to keep clear of the position. 2 buoys marking the subsea installation **STINE** (SCB-01 and SCB-02) are in position at 56° 30.325' N, 005° 02.505' E and 56° 30.985' N 005° 03.493' E. A safety zone of 500 m has been established. Mariners have to keep clear of the position. The **SAL** system (the tanker loading facility) at the **SIRE** field, position 56° 29,458' N 004° 56,350' E where tankers are loaded at monthly intervals has a safety zone of 730 m. Mariners have to keep clear of the position.

SOUTH ARNE field

The storage tank and top site of **SOUTH ARNE** field is installed at position 56° 04,72' N 004° 13,82' E, connected with a bridge to the platform **South Arne WHPE** (Well Head Platform East) at position 56° 04,693' N 004° 13,85' E. The satellite platform **Syd Arne WHPN** (Well Head Platform North) is installed at the position 56° 05,744' N 004° 13,154' E, where a safety zone of 500 meter is established acc. to Offshore safety order. **SOUTH ARNE**'s tanker loading facility (the **SAL** system), where tankers are loaded at monthly intervals, is located at WGS-84 pos. 56° 05,55' N 004° 15,37' E with a safety zone of 730 m. Mariners have to keep clear of the position.



Info 2.2



Hejre Field The navigational light at the Hejre Platform is out of service.

At the **HEJRE** Platform a safety zone of 500 m has been established around the position: 56°14,809' N - 003°57,534' E.



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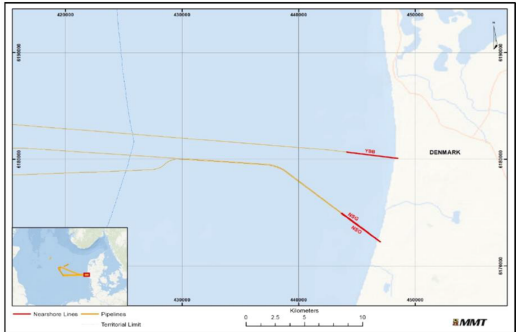
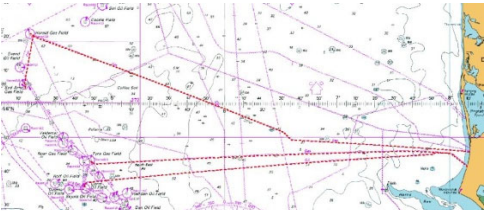
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Info 3.0



Survey Area					
Pipeline		WGS 84		ED 50 Zone 32	
		Latitude (N)	Longitude (E)	Northing	Easting
North Sea 20" Oil Pipeline (NSO)	Start	55° 43.54'	8° 04.66'	6176138.5	442151.00
	End	55° 41.69'	8° 08.87'	6172643.01	446516.04
North Sea 30" Gas Pipeline (NSG)	Start	55° 43.54'	8° 04.77'	6176134.10	442272.67
	End	55° 41.69'	8° 08.88'	6172645.04	446529.71
South Arne 24" Gas Pipeline (YBB)	Start	55° 46.12'	8° 04.63'	6180917.23	442179.67
	End	55° 45.74'	8° 10.27'	6180141.24	448067.58

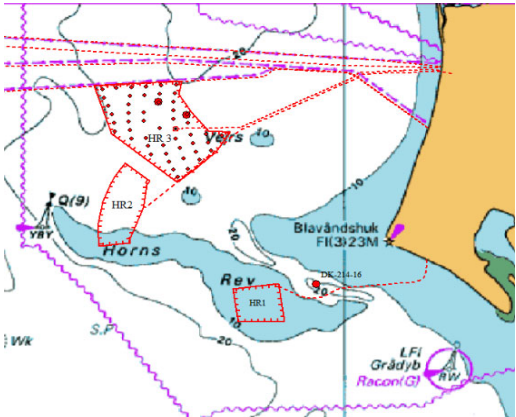
Info 4.0



Danish navigational warning no. DK-214-16

At the below mentioned position a wreck of a submarine has been discovered containing dangerous ammunition. Due to safety reasons, Danish Maritime Authority prohibit all unauthorized fishing, anchoring and diving on and within 100 m radius of the wreck in pos. 55 30,62 N - 007 56,84 E. Violation of the prohibition is punishable by fine or prison.

Info 5.0



VATTENFALL

Horns Rev 1 & 3 windfarms

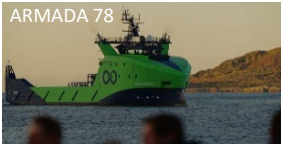
HR1: The Crew Transfer Vessels (CTV) **SC ONYX** & **SC JADE** plus (JUB) **MPI RESOLUTION** are working at the **Horns Rev 1** OWF.
HR3: The Crew Transfer Vessel (CTV) **MASTER** is working at the **Horns Rev 3** OWF.
Vattenfall OCC Marine Coordination Centre is in operation 24/7 and can be contacted by VHF CH 16, 17 and 10 the MCC can as well be contacted via the duty-phone no.: +45 32 240 243.
Vattenfall OCC (MCC) is monitoring the traffic in the area of all Vattenfall OWF.



List of Dropped objects Horns Rev 3 Offshore Windfarm					
Number	Date	Position	Lost asset	Contractor/ Vessel	Reported by:
2	31-10-2019	55.41.36N 007.35.12E	Acoustic logger	CTV Bolder	MCC
3	17-05-2019	55°43,19N 007°39,22E	12,5m BBC hose recovered 37,5m of BBC hose remaining	Maersk Connector	MCC
4	19-05-2019	55°43,19N 007°39,2E	Remains of a CPS on seabed	Maersk Connector	MCC
5	17-05-2019	55°43,19N 007°39,22E	Cable recovery near E03, approx. 58m of cable recovered.	Maersk Connector	MCC

DAN TYSK & SANDBANK (NorTwin) windfarms

DanTysk and **Sandbank** windfarms are situated within the marked area.
The Crew Transfer Vessels (CTV) **MO8**, **MO1**, **FOB SWATH 2**, **LEVANTE** & **MHO ESBJERG** plus the (SOV) **ACTA CENTAURUS** are operating at the **DanTysk** and **SANDBANK** OWP's.
The survey vessel **ARMADA 78**, survey operations.
Vattenfall OCC Marine Coordination Centre (MCC) is in operation 24/7 and can be contacted by VHF CH 16, 17 and 10 the MCC can as well be contacted via the duty-phone no.: +45 32 240 243.

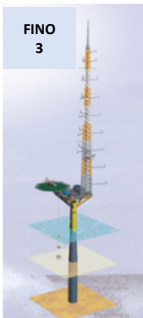


Vesterhav Syd and Vesterhav Nord offshore windfarm

Further information can be found on page 5.

FINO 3 - Research Platform

The research platform **FINO 3** was established in 2007/2008 approx. 45 NM West of the island Sylt at the position: 55° 11,7' N 007° 09,5' E.





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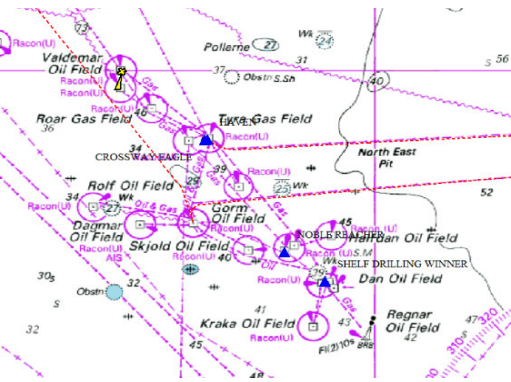
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Info 6.0

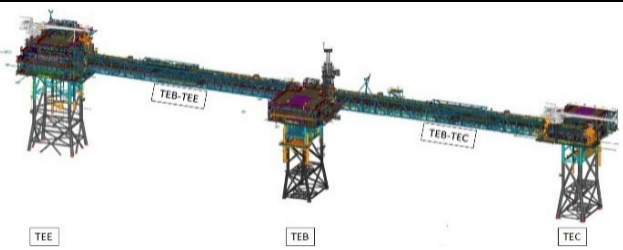


TotalEnergies

TYRA REDEVELOPMENT:

At the TYRA Field two platforms have been established at the below mentioned positions.

TYRA East G: 55° 43,115'N - 004° 47,751'E
TYRA East H: 55° 43,117'N - 004° 47,695'E



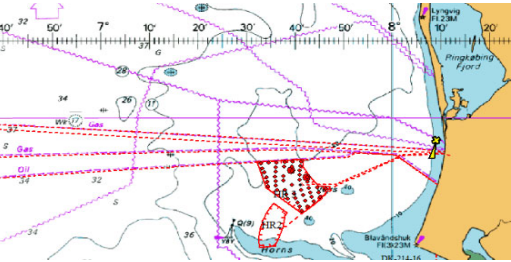
Info 7.0

Vessel positions:



The vessel **FORTUNA CRANE** is conducting environmental surveys in the North Sea.
The vessel **REYKJANES** is conducting environmental surveys in the North Sea.
The vessel **ARCTIC HUNTER** is conducting environmental surveys in the North Sea.
The vessel **ARCTIC OCEAN** is conducting environmental surveys in the North Sea.
The vessel **SVERDRUPSON** is conducting environmental surveys in the North Sea.
The vessel **MERKUR** is conducting guard duties in the Danish North Sea.

Info 8.0

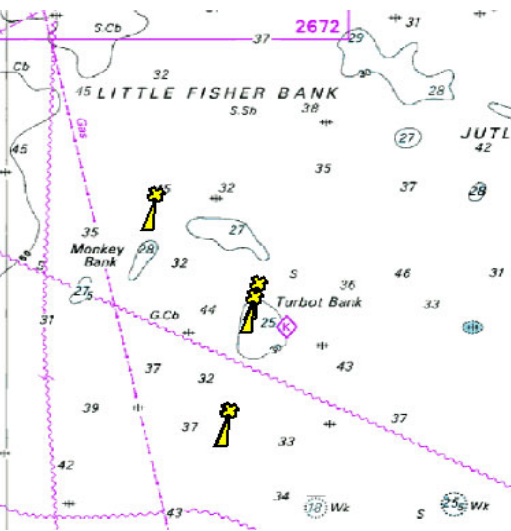


ENERGINET

Energinet has deployed the Baltic Pipe, EPII Branch Pipeline which connects the Europipe II gas pipeline with the Danish Westcoast at Hustrup beach. The EPII Branch Pipeline is surrounded by a protection zone of 200m on each side of the pipeline pursuant to Danish Maritime Authority Order no. 939 of 27 November 1992 on Protection of Submarine Cables and Pipelines. Within the protection zone anchoring, dredging, boulder removal, and any use of equipment being dragged across the seabed will be prohibited.

Pipeline positions:
55° 45.775'N - 007° 59.787'E
55° 45.597'N - 008° 10.585'E

Info 9.0

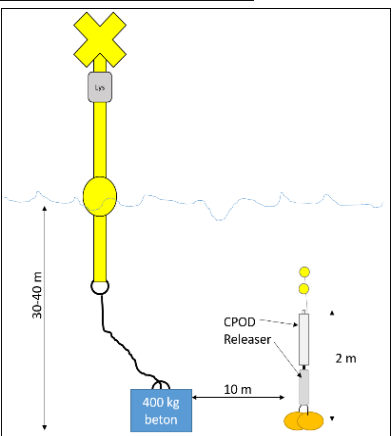


ENERGINET

During the coming year Energinet are conducting various kind of data collection regarding meteorological and oceanographic data at Lille Fisker Banke (Turbot Banke) at the site of the coming Energy Island. The buoys have been deployed. The planned positions are shown in the figure below.

Betegnelse	Breddegrad	Længdegrad
LiDAR Bøje 1	56° 37,680' N	006° 18,040' E
Bølgebøje 1	56° 30,684' N	006° 31,140' E
Bølgebøje 2	56° 29,574' N	006° 30,648' E
Salinitet & temperaturstreng	56° 20,694' N	006° 27,312' E
LiDAR Bøje 2	56° 20,664' N	006° 27,444' E

Station	Equipment		Buoy	
	Northern	Eastern	Northern	Eastern
NSE-1	56° 14,570'	6° 20,644'	56° 14,557'	6° 20,650'
NSE-2	56° 22,915'	6° 33,179'	56° 22,908'	6° 33,165'
NSE-3	56° 24,237'	6° 20,033'	56° 24,241'	6° 20,006'
NSE-4	56° 29,127'	6° 21,123'	56° 29,131'	6° 21,099'
NSE-5	56° 29,343'	6° 29,817'	56° 29,323'	6° 29,821'
NSE-6	56° 29,401'	6° 32,772'	56° 29,390'	6° 32,769'
NSE-7	56° 31,210'	6° 45,870'	56° 31,199'	6° 45,887'
NSE-8	56° 33,634'	6° 04,605'	56° 33,623'	6° 04,596'
NSE-9	56° 33,904'	6° 19,348'	56° 33,919'	6° 19,302'
NSE-10	56° 35,893'	6° 35,256'	56° 35,898'	6° 35,245'
NSE-11	56° 37,369'	6° 27,852'	56° 37,370'	6° 27,807'
NSE-12	56° 37,739'	6° 45,477'	56° 37,732'	6° 45,452'
NSE-13	56° 45,432'	6° 25,814'	56° 45,412'	6° 25,780'
NSE-14	56° 45,810'	6° 46,353'	56° 45,805'	6° 46,351'





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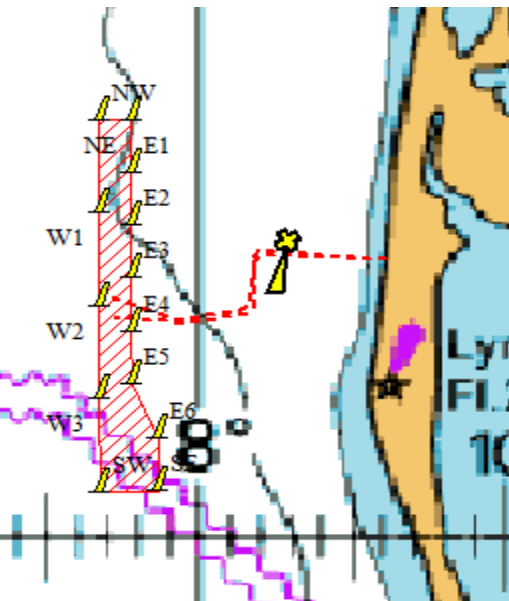
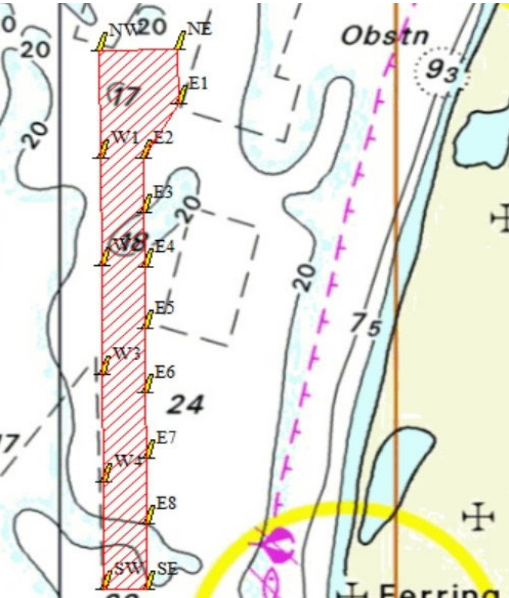
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VATTENFALL

Vesterhav Syd and Vesterhav Nord offshore windfarm

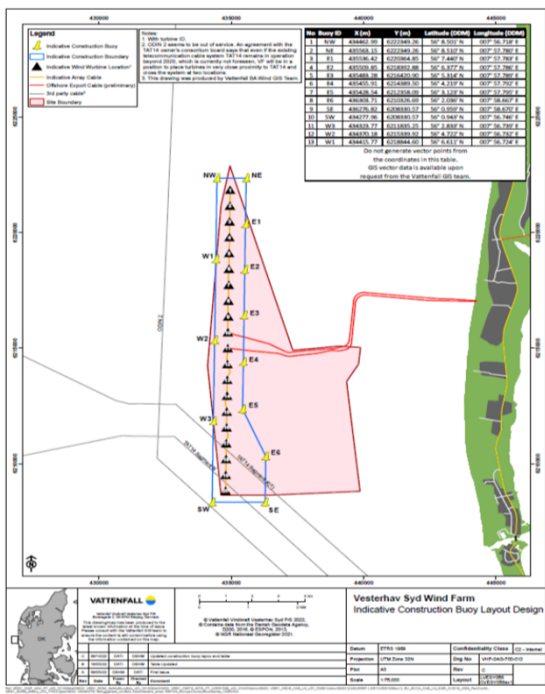
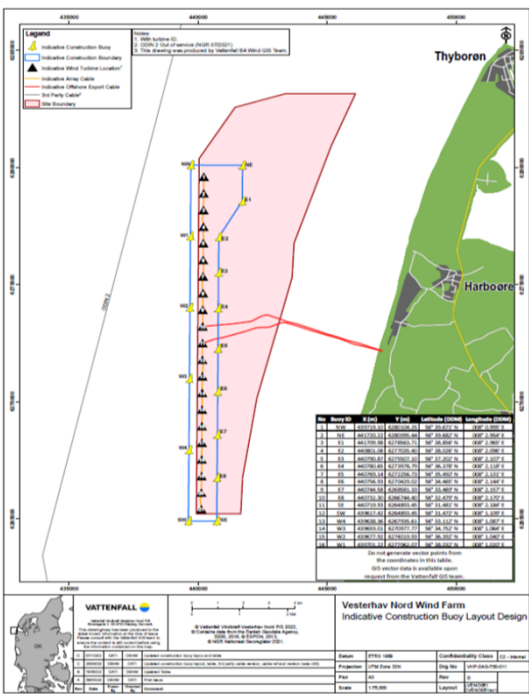
The company Vattenfall is working with the construction of the offshore windfarms Vesterhav Syd and Vesterhav Nord. The Crew Transfer Vessels (CTV) **NOS LEADER**, **FOB SWATH 5**, **FOB SWATH 1**, **MO7** and **NOS MAKER** are working at the Vesterhav Nord & Syd.

The vessel **MERKUR** is on station as guard vessel at Vesterhav Nord listening to VHF ch. 16.

The areas where the offshore windfarms will be established are marked with buoys.

2 submarine cables has been deployed between below mentioned positions:

1)	56° 05,700'N - 008° 06,180'E	8)	56° 05,700'N - 008° 06,180'E
2)	56° 05,880'N - 008° 01,980'E	9)	56° 05,820'N - 008° 02,100'E
3)	56° 05,760'N - 008° 01,800'E	10)	56° 05,640'N - 008° 01,860'E
4)	56° 04,740'N - 008° 01,620'E	11)	56° 04,680'N - 008° 01,740'E
5)	56° 04,620'N - 008° 01,320'E	12)	56° 04,560'N - 008° 01,500'E
6)	56° 04,440'N - 007° 59,400'E	13)	56° 04,380'N - 007° 59,520'E
7)	56° 04,920'N - 007° 57,180'E	14)	56° 04,440'N - 007° 59,040'E
		15)	56° 04,500'N - 007° 57,240'E



Vesterhav Syd - NAV Buoy Coordinates (ETRS89 UTM Zone 32N)					
No	Buoy ID	X (m)	Y (m)	Latitude (DDM)	Longitude (DDM)
1	NW	434462,99	6222349,26	56° 8.501' N	007° 56.718' E
2	NE	435563,15	6222349,26	56° 8.510' N	007° 57.780' E
3	E1	435536,42	6220364,85	56° 7.440' N	007° 57.783' E
4	E2	435509,85	6218392,88	56° 6.377' N	007° 57.786' E
5	E3	435483,28	6216420,90	56° 5.314' N	007° 57.789' E
6	E4	435455,91	6214389,50	56° 4.219' N	007° 57.792' E
7	E5	435428,54	6212358,09	56° 3.123' N	007° 57.795' E
8	E6	436303,71	6210326,69	56° 2.036' N	007° 58.667' E
9	SE	436276,82	6208330,57	56° 0.959' N	007° 58.670' E
10	SW	434277,96	6208330,57	56° 0.943' N	007° 56.746' E
11	W3	434323,77	6211835,25	56° 2.833' N	007° 56.739' E
12	W2	434370,18	6215339,92	56° 4.722' N	007° 56.732' E
13	W1	434415,77	6218844,60	56° 6.611' N	007° 56.724' E

Vesterhav Nord - NAV Buoy Coordinates (ETRS89 UTM Zone 32N)					
No	Buoy ID	X (m)	Y (m)	Latitude (DDM)	Longitude (DDM)
1	NW	439719,10	6280104,25	56° 39.671' N	008° 0.995' E
2	NE	441720,22	6280095,44	56° 39.682' N	008° 2.954' E
3	E1	441709,98	6278563,71	56° 38.856' N	008° 2.965' E
4	E2	440801,08	6277035,40	56° 38.026' N	008° 2.096' E
5	E3	440790,87	6275507,10	56° 37.202' N	008° 2.107' E
6	E4	440780,65	6273978,79	56° 36.378' N	008° 2.118' E
7	E5	440769,14	6272256,73	56° 35.450' N	008° 2.131' E
8	E6	440756,93	6270429,02	56° 34.465' N	008° 2.144' E
9	E7	440744,58	6268581,33	56° 33.469' N	008° 2.157' E
10	E8	440732,30	6266744,40	56° 32.479' N	008° 2.170' E
11	SE	440719,93	6264893,45	56° 31.481' N	008° 2.184' E
12	SW	439617,42	6264893,45	56° 31.472' N	008° 1.109' E
13	W4	439638,36	6267935,61	56° 33.112' N	008° 1.087' E
14	W3	439659,01	6270977,77	56° 34.752' N	008° 1.064' E
15	W2	439677,92	6274019,93	56° 36.392' N	008° 1.040' E
16	W1	439701,22	6277062,07	56° 38.032' N	008° 1.020' E

At below mentioned positions 2 wave rider buoys are deployed:
Wave Rider Buoy Positions

	UTM N ETRS89	UTM ETRS89	Latitude ETRS89	Longitude ETRS89
Vesterhav North	441334,76	6279117,20	56° 39.152' N	008° 02.590' E
Vesterhav South	435967,98	6210245,14	56° 01.989' N	007° 58.345' E





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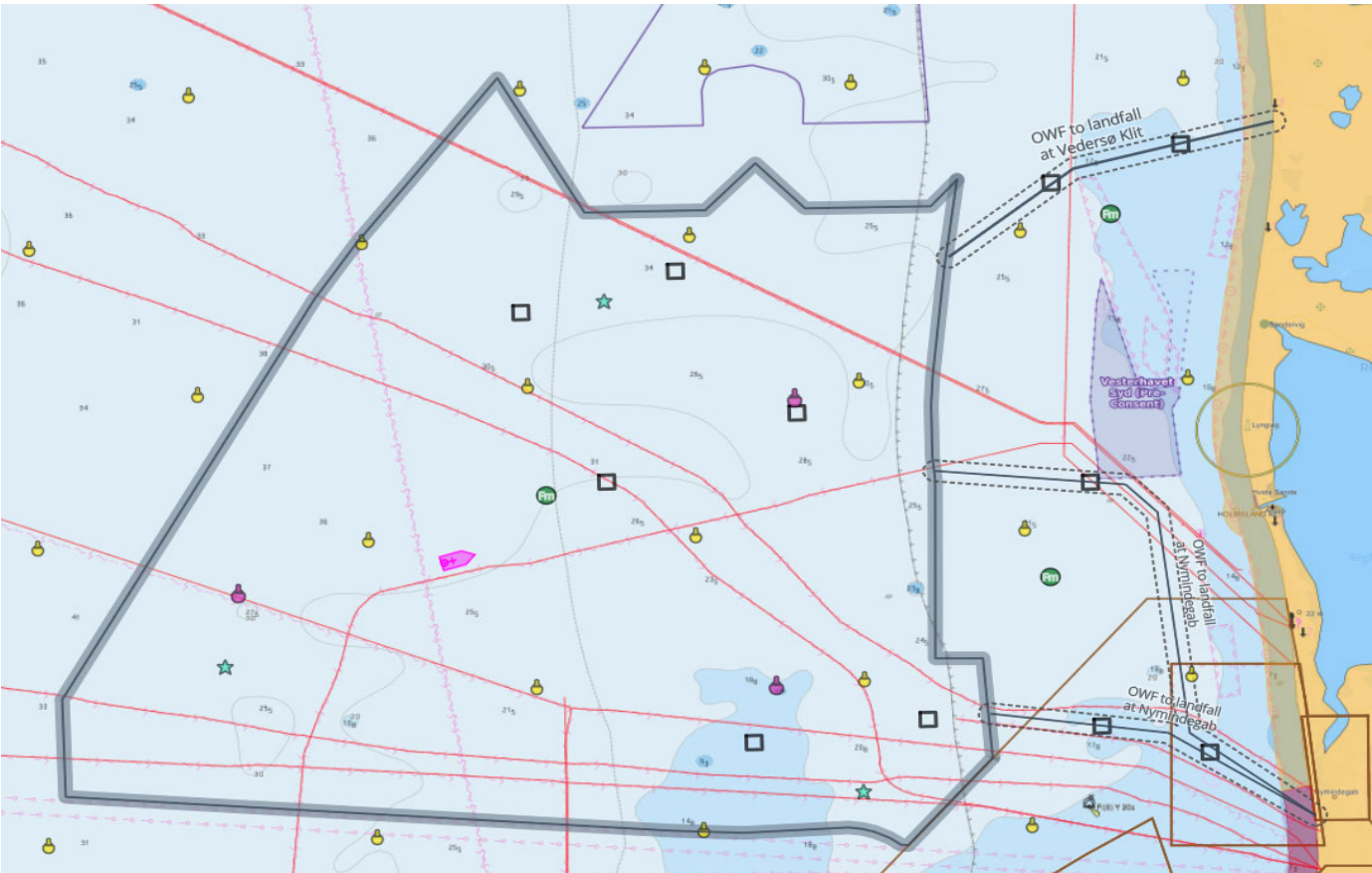
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Info 11.0



ENERGINET

Energinet are conducting surveys in the waters West of Hvide Sande. The working area can be seen at the below shown chart.

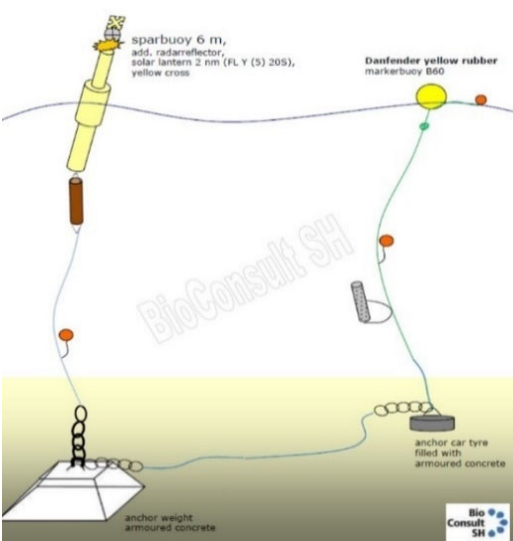


Energinet has deployed a number of buoys at the below mentioned positions:

Buoy positions at Nordsøen I (MH2030) - updated March 2024

Pos_ID	Mooring	Latitude	Longitude	Pos_ID	Mooring	Latitude	Longitude	Pos_ID	Mooring	Latitude	Longitude
HR3_1	Acoustic Release	55° 42.8844' N	7° 36.468' E	NS13_S	Sparbuoy	56° 10.149' N	7° 11.2224' E	NS31_S	Sparbuoy	56° 22.0614' N	7° 51.7884' E
HR3_2	Acoustic Release	55° 38.9118' N	7° 40.3476' E	NS14_S	Sparbuoy	56° 21.5262' N	7° 10.5306' E	NS32_S	Sparbuoy	55° 42.117' N	8° 3.0702' E
HR3_3/NS23	Acoustic Release	55° 42.0702' N	7° 42.8472' E	NS15_S	Sparbuoy	55° 41.7066' N	7° 22.5954' E	NS33_S	Sparbuoy	55° 53.5614' N	8° 2.8008' E
HR3_4_S	Sparbuoy	55° 44.1342' N	7° 47.4366' E	NS16_S	Sparbuoy	55° 53.1222' N	7° 22.1184' E	NS34_S	Sparbuoy	56° 4.959' N	8° 2.523' E
HR3_5_S	Sparbuoy	55° 43.0236' N	7° 51.1368' E	NS17_S	Sparbuoy	56° 4.6296' N	7° 21.6066' E	NS35_S	Sparbuoy	56° 16.431' N	8° 2.2134' E
HR3_6_S	Sparbuoy	55° 44.9118' N	7° 54.0678' E	NS18_S	Sparbuoy	56° 15.99498' N	7° 21.13998' E	T2_S	Sparbuoy	56° 16.8' N	7° 32.6274' E
NS1_S	Sparbuoy	55° 46.5702' N	6° 31.6026' E	NS19_S	Sparbuoy	55° 47.5308' N	7° 32.3634' E	T3/NS26_S	Sparbuoy	55° 32.1276' N	6° 40.2746' E
NS2_S	Sparbuoy	55° 52.4862' N	6° 41.4606' E	NS20_S	Sparbuoy	55° 58.9602' N	7° 31.9902' E	T3/NS26_S	Sparbuoy	56° 16.2288' N	7° 41.6838' E
NS3_S	Sparbuoy	55° 41.0508' N	6° 42.0948' E	NS20_S	Sparbuoy	55° 58.968' N	7° 31.9716' E	T4_S	Sparbuoy	56° 20.43' N	7° 40.65' E
NS4_S	Sparbuoy	55° 46.947' N	6° 51.914' E	NS21_S	Sparbuoy	56° 10.407' N	7° 31.4964' E	HR3_noise	Acoustic Release	55° 41.3568' N	7° 35.1048' E
NS5_S	Sparbuoy	55° 58.3746' N	6° 51.2862' E	NS22_S	Sparbuoy	56° 21.836' N	7° 31.197' E				
NS6_S	Sparbuoy	56° 9.8052' N	6° 50.649' E	NS24_S	Sparbuoy	55° 53.3646' N	7° 42.4986' E				
NS7_S	Sparbuoy	55° 41.4036' N	7° 2.3454' E	NS25_S	Sparbuoy	56° 4.8606' N	7° 42.078' E				
NS8_S	Sparbuoy	55° 52.8738' N	7° 1.653' E	NS27_S	Sparbuoy	55° 36.312' N	7° 53.1102' E				
NS9_S	Sparbuoy	56° 4.2606' N	7° 1.1724' E	NS28_S	Sparbuoy	55° 47.7672' N	7° 52.7904' E				
NS10_S	Sparbuoy	56° 15.699' N	7° 0.5958' E	NS29_S	Sparbuoy	55° 59.2038' N	7° 52.4364' E				
NS11_S	Sparbuoy	55° 47.2776' N	7° 12.1782' E	NS30_S	Sparbuoy	56° 10.582' N	7° 52.12698' E				
NS12_S	Sparbuoy	55° 58.6998' N	7° 11.739' E								

Illustration of POD buoy.





FOGA ApS
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INFORMATION
ON OFFSHORE
ACTIVITIES

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NORTH SEA ACTIVITIES

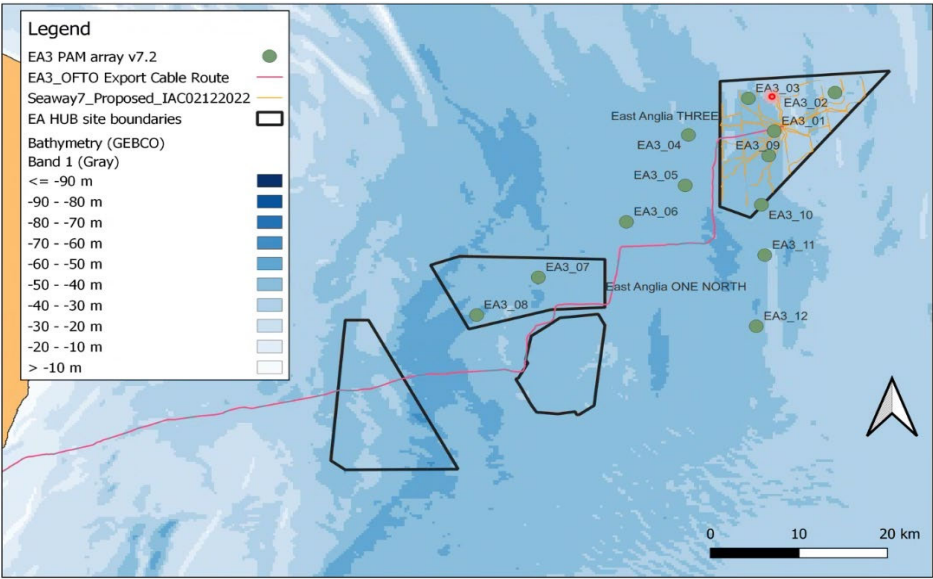
Update of information
Week 13
March 26 - April 01, 2024
Next FOGA Info to be distributed April 02 2024

FOGA ApS has on basis of information received from offshore-operators at the North Sea prepared the following newsletter describing present activities:

INFO 12.0

East Anglia THREE Offshore Windfarm Marine Mammal Monitoring - Passive Acoustic Monitoring Baseline Deployment

- Seiche Limited
- Passive Acoustic Monitoring at the East Anglia Three Offshore Windfarm



Please, be advised that Seiche Limited will perform a Service on the 12 Passive Acoustic Monitoring (PAM) Stations that had been deployed on the seabed in and at locations around the East Anglia THREE Offshore Windfarm Area, starting from the **21st of March 2024**. The service is expected to be completed on the **31st of March 2024**.

The PAM stations will remain on the seabed until approximately the **31st of October 2027**. The current PAM stations have **12 m height above the seabed**, weighing 600 kg and their location is **not** marked by a surface buoy (OGN). As of this next service visit in March '24, there will be 3 types of monitoring station: 1) not marked with surface buoy (OGN); 2) two anchor points with 600 kg weight on each with max. 100 m seabed line between each mooring and a surface buoy on one of the anchor points (STL); and 3) a surface buoy deployment with two 600 kg anchor lines (TDS). Please see table below for which locations these mooring types will be laid.

Seiche will utilise the **Reykjanes** vessel for the deployment.

Scope: PAM stations deployment

Vessel: Reykjanes

LOA: 40.16 m

Call sign: OVS12

IMO: 7392311

MMSI: 219329000

Phone: +45 (0) 8213 6973



All marine traffic is advised to maintain **500 m safety zone** around the **Reykjanes** or any other vessel **at these locations during servicing** for their safety. There is an **exclusion zone of 250 m around the PAM Stations**. All marine traffic is advised to abide by the **250 m safety zone** around the **PAM Stations all the time** for their safety.

Date Deployed	Location Number	Latitude (WGS-84)	Longitude (WGS-84)	Mooring Type
16 May 23	EA3_01	52° 39.757' N	002° 50.892' E	STL
16 May 23	EA3_02	52° 43.944' N	002° 56.888' E	TDS
16 May 23	EA3_03	52° 43.323' N	002° 48.350' E	OGN
16 May 23	EA3_04	52° 39.478' N	002° 43.975' E	OGN
16 May 23	EA3_05	52° 33.833' N	002° 43.954' E	OGN
16 May 23	EA3_06	52° 29.218' N	002° 33.556' E	OGN
16 May 23	EA3_07	52° 23.948' N	002° 27.678' E	OGN
16 May 23	EA3_08	52° 19.731' N	002° 21.606' E	STL
16 May 23	EA3_09	52° 37.079' N	002° 50.340' E	OGN
16 May 23	EA3_10	52° 31.734' N	002° 49.630' E	OGN
16 May 23	EA3_11	52° 24.449' N	002° 45.480' E	OGN
16 May 23	EA3_12	52° 17.573' N	002° 52.304' E	STL

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