



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

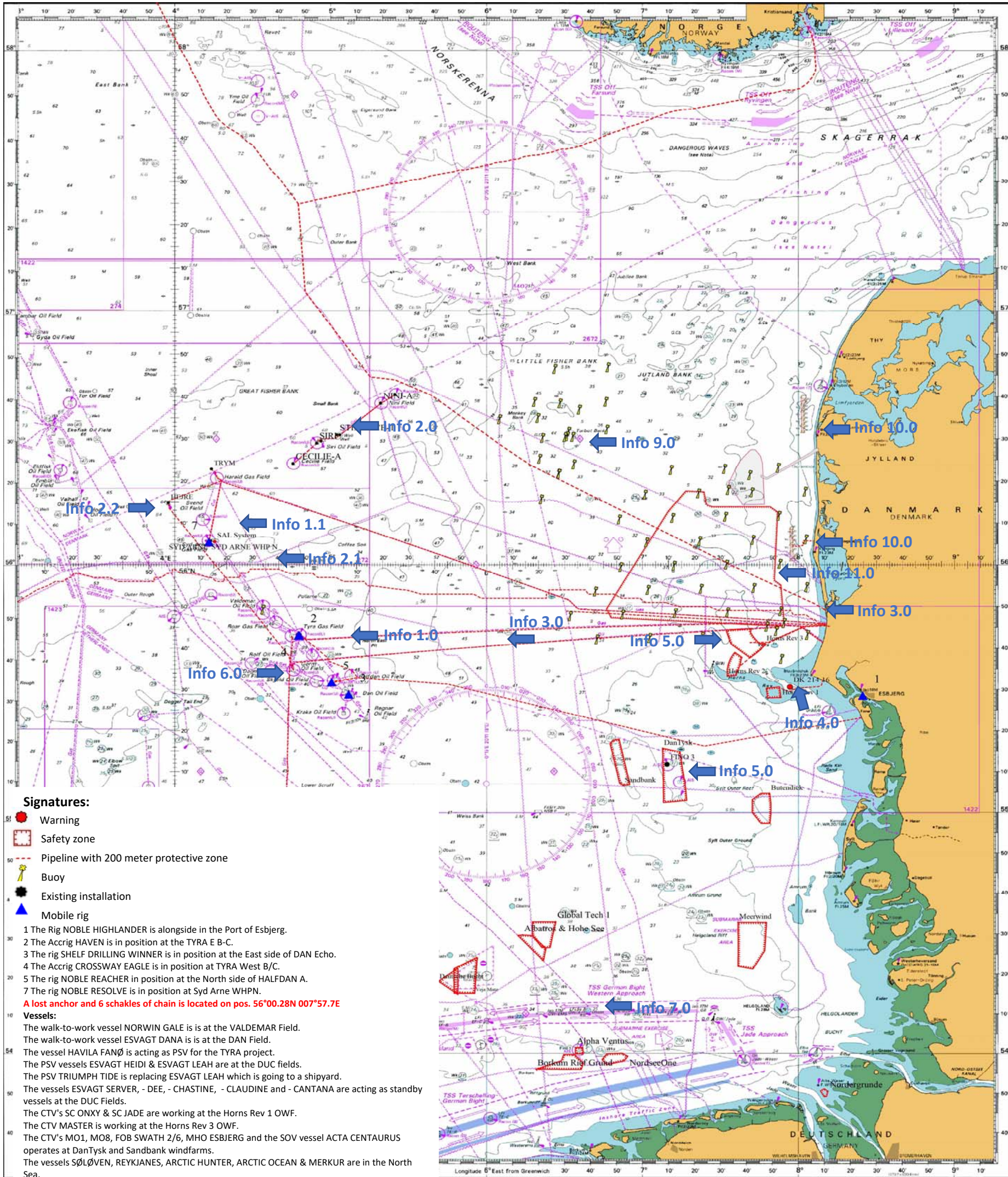


Chart not to be used for navigation



**FOGA ApS
FISHERMENS
INFORMATION
ON OFFSHORE
ACTIVITIES**

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NORTH SEA ACTIVITIES

Update of information

Week 16

April 16 - 22, 2024

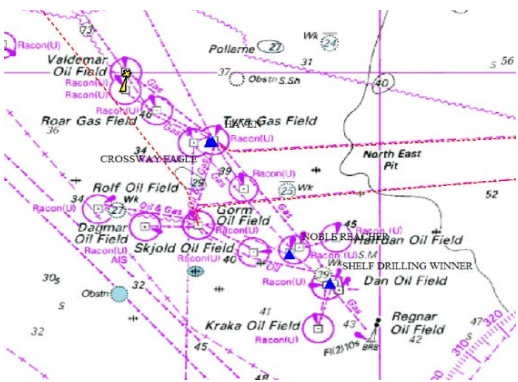
Next FOGA Info to be distributed April 23, 2024

Rigs in the Port of Esbjerg

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



Info 1.0



Vessels:

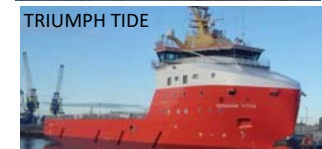
The walk-to-work vessel **NORWIN GALE** is at the **VALDEMAR** Field.
The walk-to-work vessel **ESVAGT DANA** is at the **ROLF** Field.
The vessel **HAVILA FANØ** is acting as PSV for the **TYRA** project.
The vessels **ESVAGT SERVER**, **ESVAGT CHASTINE**, **ESVAGT CLAUDINE**, **ESVAGT DEE** and **ESVAGT CANTANA** are acting as standby vessels at the **DUC** Fields.
The vessels **ESVAGT HEIDI** and **ESVAGT LEAH** (PSV) are at the **DUC** Fields.
The PSV **TRIUMPH TIDE** is replacing **ESVAGT LEAH** which is going to a shipyard.

TYRA REDEVELOPMENT:

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

Rigs:

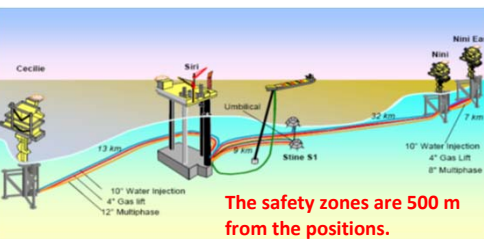
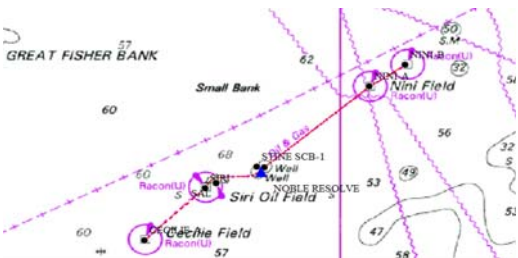
The rig **NOBLE REACHER** is in position at the North side of **HALFDAN A**.
The rig **SHELF DRILLING WINNER** is in position at the East side of **DAN Echo**.
The accommodation rig **CROSSWAY EAGLE** is in position at the **TYRA West** Field between B & C platforms.
The accommodation rig **HAVEN** is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



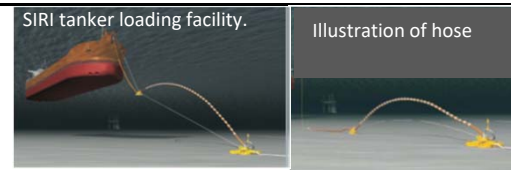
Info 1.1



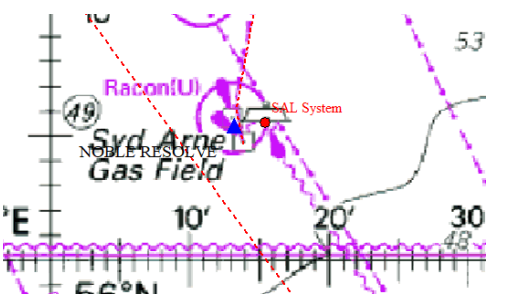
Info 2.0



SIRI-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 **SIRI** and **Syd Arne** fields.
The vessel **ESVAGT KAPPA** is conducting guard duties at the rig **NOBLE RESOLVE**.
The vessels **SAEBORG**, **SPIRIT of EMDEN** and **ATLANTICA SERVER** are supply vessels for the rig **NOBLE RESOLVE**.
The rig **NOBLE RESOLVE** is in position at the platform **Syd Arne WHPN**.

SIRI Field

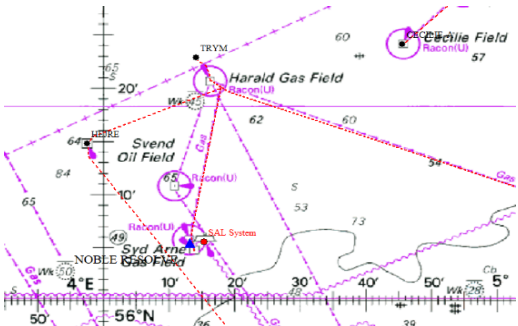
The **SIRI** platform and storage tanks is installed at the position: 56° 28,96' N 004° 54,67' E. The satellite platform **Cecilie** is installed at the position: 56° 24,13' N 004° 45,58' E. The satellite platforms **Nini** and **Nini East** are installed at the following positions: 56° 38,45' N 005° 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 **SIRI** 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 in 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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NORTH SEA ACTIVITIES

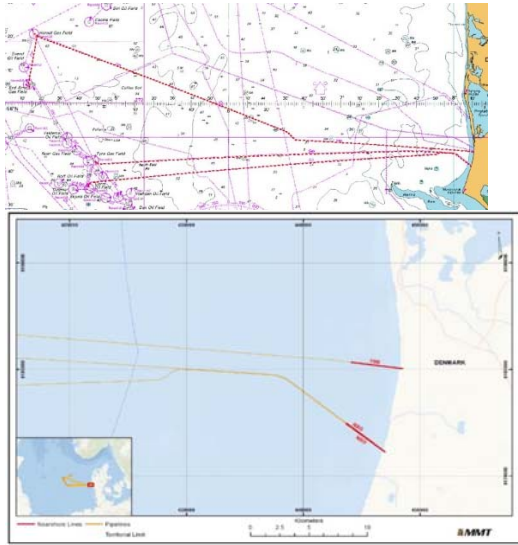
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Info 3.0



Orsted operates 3 pipelines in the Danish North Sea sector:

20" Oil pipeline from **GORM** to Filsø

24" Gas pipeline from **SYD ARNE** to Blåbjerg.

(via subsea Y-connection with a split from **HARALD**)

30" Gas pipeline from **TYRA E-E** to Kærgård

The gas 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.

The vessel **DEEP MARKER** will commence an acoustic pipeline survey from app. **12/04** and 4-6 days onwards.

The nearshore survey will take place from landfall to app. 6 km off the coastline

20" oil pipeline from landfall KÆRGAARD until app. 6 km from the coastline.

30" gas pipeline from landfall at KÆRGAARD until app. 6 km from the coastline.

24" gas pipeline from landfall at BLÅBJERG until app. 6 km from the coastline.

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	446518.04
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'	6180817.23	442179.67
	End	55° 45.74'	8° 10.27'	6180141.24	446067.58



Info 4.0

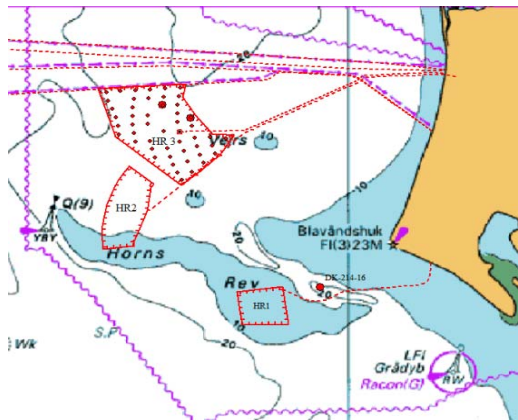


Danish navigational warning no. **DK-214-16**

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



Horns Rev 1 & 3 windfarms

HR1: The Crew Transfer Vessels (CTV) **SC ONYX** & **SC JADE** 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: / Comments / Recovered
2	31-10-2019	55.41.36N 007.35.12E	Acoustic logger	CTV Bolder	MCC Redeployed on same position
3	17-05-2019	55°43,19N 007°39,22E	12,5m BBC hose recovered 37,5m of BBC hose remaining	Maersk Connector	MCC Approved by DMA until decommissioning phase
4	19-05-2019	55°43,19N 007°39,2E	Remains of a CPS on seabed	Maersk Connector	MCC Approved by DMA until decommissioning phase
5	17-05-2019	55°43,19N 007°39,22E	Cable recovery near E03, approx. 58m of cable recovered.	Maersk Connector	MCC Rest of the cable remains on seabed, approved by DMA until decommissioning phase



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**, **FOB SWATH 6** & **MHO ESBJERG** plus the (SOV) **ACTA CENTAURUS** are operating at the **DanTysk** and **SANDBANK** OWP's.

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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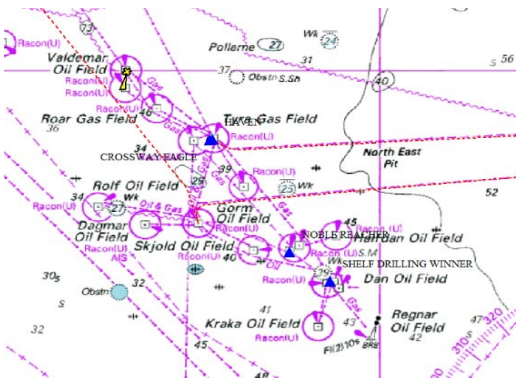
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NORTH SEA ACTIVITIES

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Info 6.0

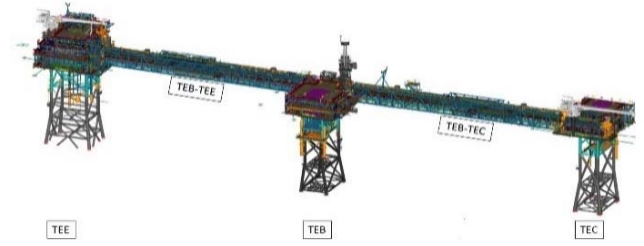


TotalEnergies

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



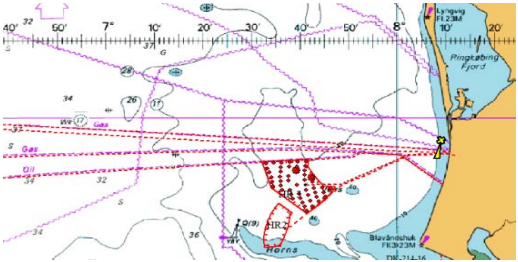
Info 7.0

Vessel positions:



The vessel **SØLØVEN** 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

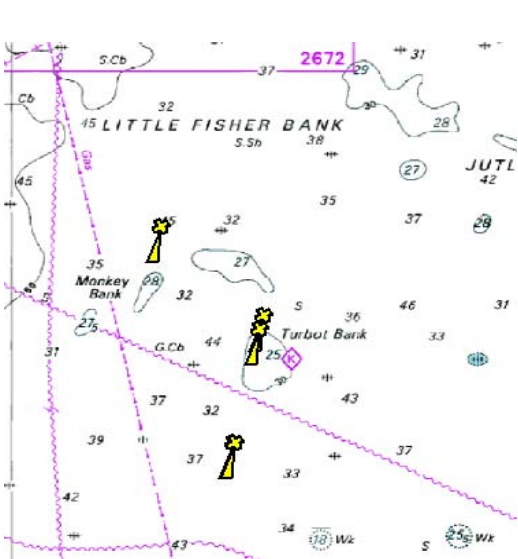


ENERGINET

Energinet has deployed the Baltic Pipe, EPII Branch Pipeline which connects the Europe 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

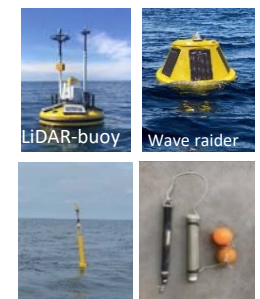
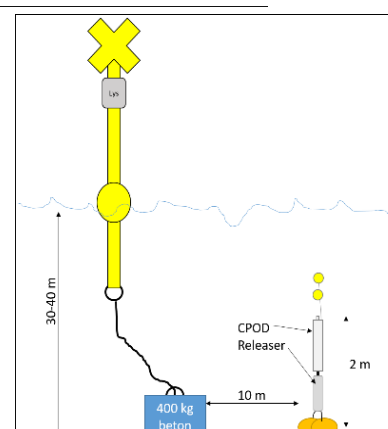


ENERGINET

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

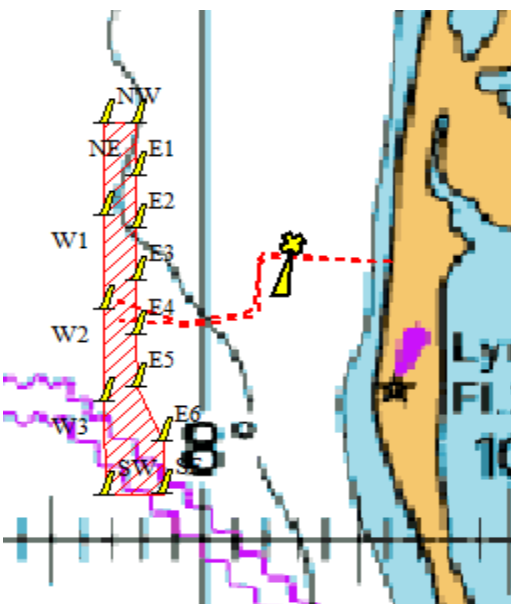
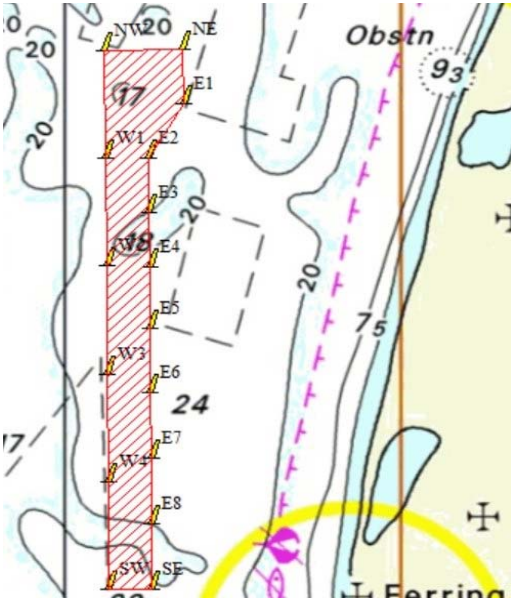
Station	Equipment		Buoy	
	Northern	Eastern	Northern	Eastern
NSE-1	56° 14,570'	6° 20,644'	56° 14,557'	6° 20,650'
NSE-2	56° 22,915'	6° 33,179'	56° 22,908'	6° 33,165'
NSE-3	56° 24,237'	6° 20,033'	56° 24,241'	6° 20,006'
NSE-4	56° 29,127'	6° 21,123'	56° 29,131'	6° 21,099'
NSE-5	56° 29,343'	6° 29,817'	56° 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'





Info 10.0

VATTENFALL



Vesterhav Syd and Vesterhav Nord offshore windfarm

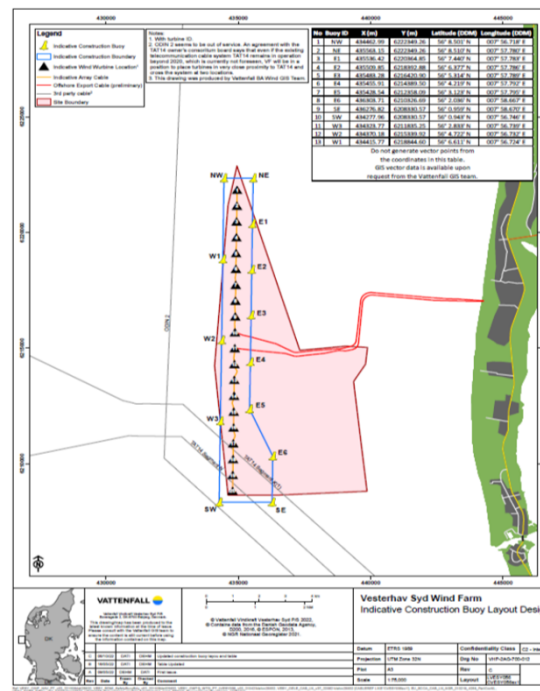
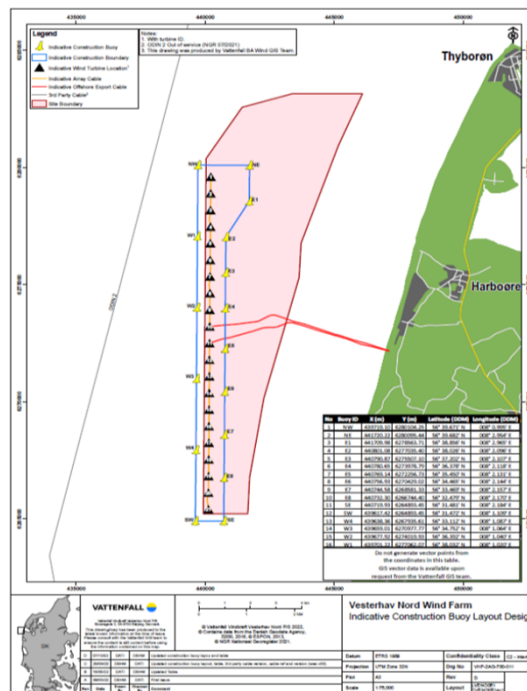
The company Vattenfall is working with the construction of the offshore windfarms Vesterhav Syd and Vesterhav Nord. The Crew Transfer Vessels (CTV) **LEADER**, **FOB SWATH 1**, **MO7** and **MAKER** are working at the Vesterhav Nord & Syd.

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



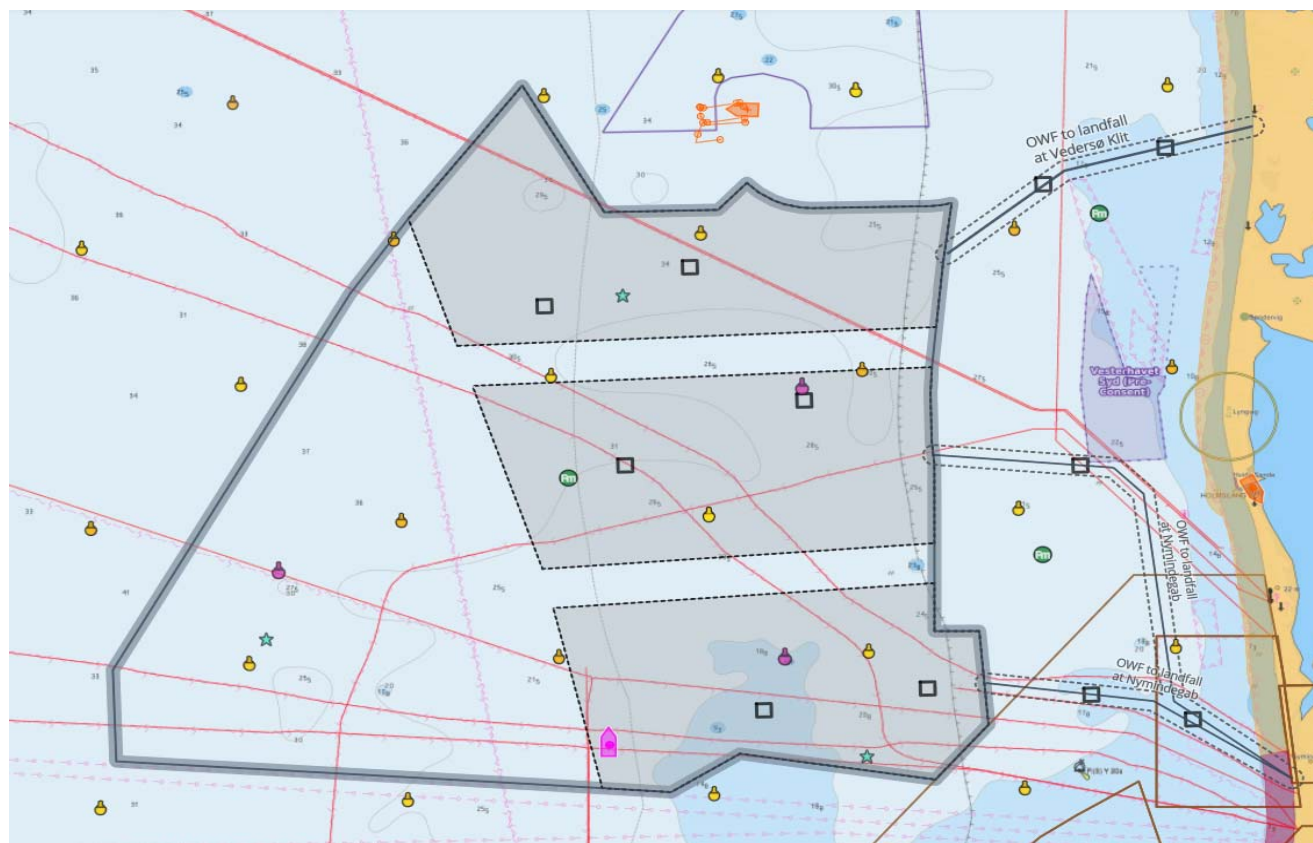


Info 11.0



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.

