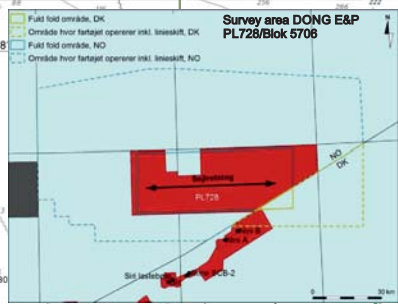
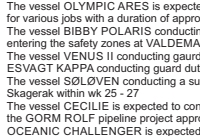
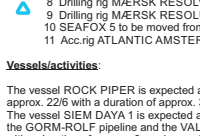
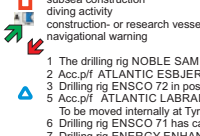
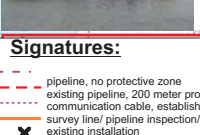
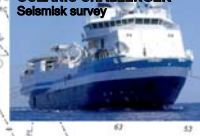
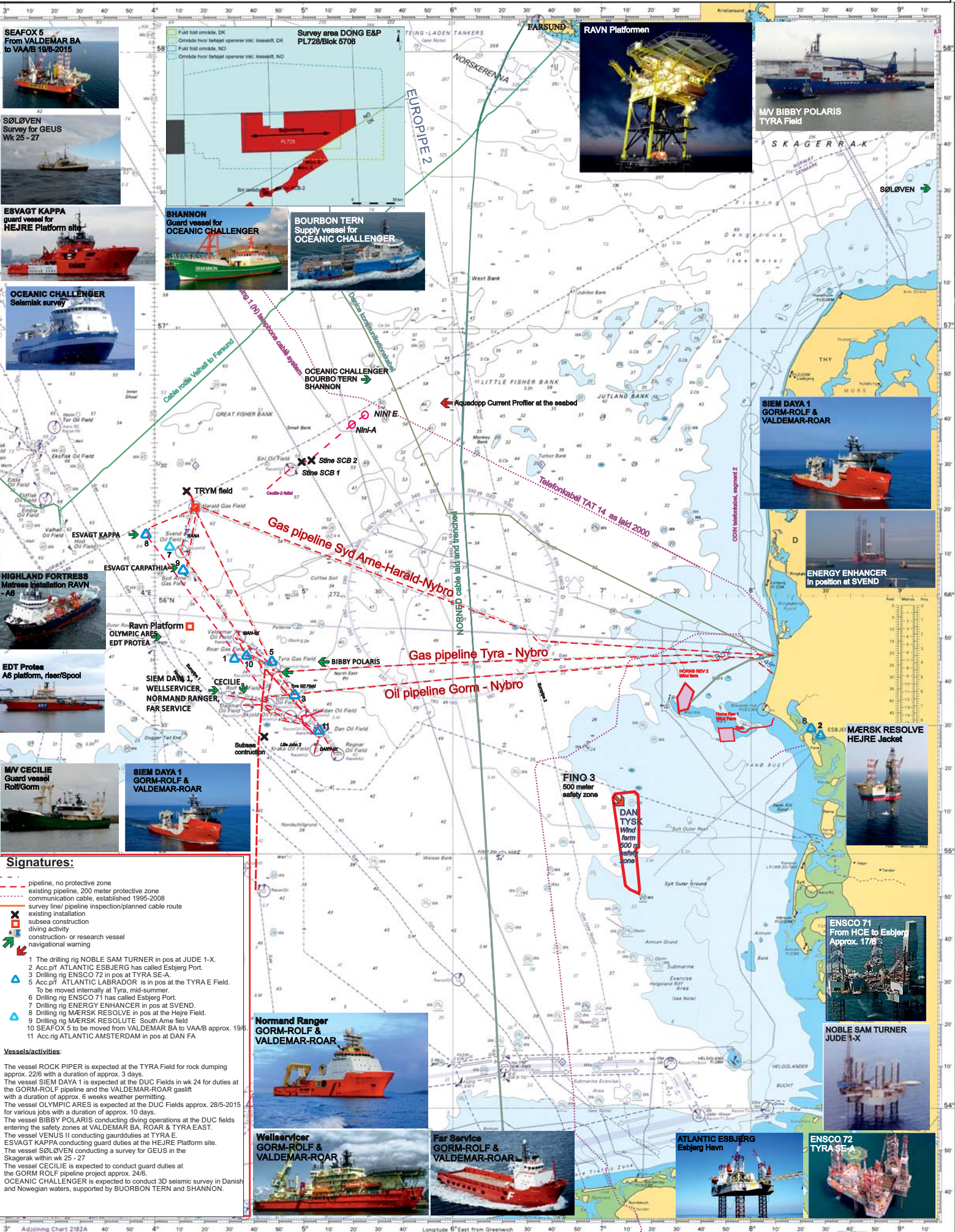




# NORTH SEA ACTIVITIES

Overview chart based on offshore-operators  
Information of ongoing and planned activities.  
Please notice descriptions at the back with updates this week.



**Signatures:**

- pipeline, no protective zone
- - - existing pipeline, 200 meter protective zone
- communication cable, established 1995-2008
- survey line/ pipeline inspection/planned cable route
- existing installation
- subsea construction
- diving activity
- construction- or research vessel
- navigational warning

- The drilling rig NOBLE SAM TURNER in pos at JUDE 1-X.
- Acc.p/f ATLANTIC ESBJERG has called Esbjerg Port.
- Drilling rig ENSCO 72 in pos at TYRA SE-A.
- Acc.p/f ATLANTIC LABRADOR is in pos at the TYRA E Field. To be moved internally at Tyra, mid-summer.
- Drilling rig ENSCO 71 has called Esbjerg Port.
- Drilling rig ENERGY ENHANCER in pos at SVEND.
- Drilling rig MÆRSK RESOLVE in pos at the Hejre Field.
- Drilling rig MÆRSK RESOLUTE South Arne field
- SEAFOX 5 to be moved from VALDEMAR BA to VAA/B approx. 19/6.
- Acc.rig ATLANTIC AMSTERDAM in pos at DAN FA

**Vessels/activities:**

The vessel ROCK PIPER is expected at the TYRA Field for rock dumping approx. 22/6 with a duration of approx. 3 days.

The vessel SIEM DAYA 1 is expected at the DUC Fields in wk 24 for duties at the GORM-ROLF pipeline and the VALDEMAR-ROAR gaslift with a duration of approx. 6 weeks weather permitting.

The vessel OLYMPIC ARES is expected at the DUC Fields approx. 28/5-2015 for various jobs with a duration of approx. 10 days.

The vessel BIBBY POLARIS conducting diving operations at the DUC fields entering the safety zones at VALDEMAR BA, ROAR & TYRA EAST.

The vessel VENUS II conducting gaurd duties at TYRA E

ESVAGT KAPPA conducting guard duties at the HEJRE Platform site.

The vessel SØLØVEN conducting a survey for GEUS in the Skagerrak within wk 25 - 27

The vessel CECILIE is expected to conduct guard duties at the GORM ROLF pipeline project approx. 24/6.

OCEANIC CHALLENGER is expected to conduct 3D seismic survey in Danish and Norwegian waters, supported by BUORBON TERN and SHANNON.





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

## MAERSK OIL

### Vessels:

The vessel **ROCK PIPER** completed the rockplacement at the **TYRA** Field, and has left the area.

The vessels **SIEM DAYA 1**, **WELLSERVICER**, **NORMAND RANGER** & **FAR SERVICE** at the **DUC** Fields for duties at the **GORM-ROLF** pipeline and the **VALDEMAR-ROAR** gaslift.

The Guard vessel **CECILIE** are conducting guard duties at the **GORM-ROLF** pipeline project.

The Pipelaying vessel **Apache II** has completed pipelay between **Gorm-Rolf** fields, and has left the area.

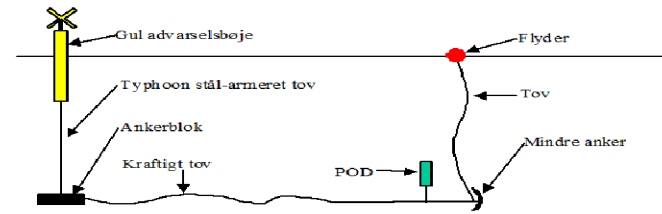
The vessel **OLYMPIC ARES** has completed works at the **DUC**, **VALDEMAR BA**, **ROAR** & **TYRA EAST** fields, and has left the area.

The vessel **BIBBY POLARIS** conducting diving operations at the **DUC** fields entering the safety zones at **VALDEMAR BA**, **ROAR** & **TYRA EAST**.

### Rigmoves:

The **SEAFOX 5** in position at **VALDEMAR AA/B**.

The drilling rig **ENSCO 71** alongside at Esbjerg Port.



### Survey at the DAN Field:

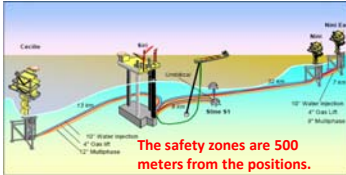
During the next couple of years Maersk Oil and the University of Aarhus are conducting a survey regarding the influence of noise from the oil platforms on the harbour porpoises. In connection with the project a number of yellow buoys have been deployed south and east of

Name	WGS 84	
	Latitude	Longitude
6 Dan800E	55° 28.423'N	005° 07.228'E
7 Dan800S	55° 28.158'N	005° 06.411'E
8 Dan1600E	55° 29.168'N	005° 07.637'E
9 Dan1600S	55° 27.733'N	005° 06.282'E
10 Dan3200E	55° 29.751'N	005° 08.758'E
11 Dan3200S	55° 26.893'N	005° 05.892'E
12 Dan6400E	55° 28.473'N	005° 12.591'E
13 Dan6400S	55° 25.823'N	005° 10.165'E
14 Dan9600E	55° 28.422'N	005° 15.626'E
15 Dan12800S	55° 23.097'N	005° 13.705'E

Name	WGS 84	
	Latitude	Longitude
19 Dan9600S	55° 24.425'	05° 11.936'
20 Dan12800E	55° 29.282'	05° 18.413'
22 Dan13600S	55° 22.780'	05° 14.279'
23 Dan14400S	55° 22.437'	05° 14.737'
24 Dan19200E	55° 29.050'	05° 24.482'
25 Dan19200S	55° 19.668'	05° 15.754'
26 Dan25600E	55° 26.337'	05° 30.377'
27 Dan25600S	55° 18.329'	05° 22.741'

## DONG Energy

### DONG Energy Installations



**SIRI-field:** 56° 28.96' N 04° 54.67' E  
**CECILIE-A field:** 56° 24.13' N 04° 45.58' E  
**NINI A-field:** 56° 38.45' N 05° 19.27' E  
**NINI B-field:** 56° 40.49' N 05° 24.74' E  
**STINE fields - Subsea installations:**  
**STINE SCB-1:** 56° 30.96' N 05° 02.46' E  
**STINE SCB-2:** 56° 30.95' N 05° 03.56' E

### Rigs:

Drilling rig **MÆRSK RESOLVE** is in position at the **HEJRE** Jacket. Position: 56°14'51 N - 003° 57'37 E.

### Vessels:

**DONG E&P** intends to carry out a seismic 3D survey in Danish and Norwegian waters from approx. 3/7. 24 of 52 transect lines are to be carried out in Danish waters. The site covered by the survey is approx. 73 km<sup>2</sup>. The survey is carried out by the vessel **OCEANIC CHALLENGER** supported by the supply vessel **BOURBON TERN** and the guard vessel **SHANNON**. Onboard the **OCEANIC CHALLENGER** the FOGA Fisheries Liaisons Officer Agner Svendsen will be stationed. **OCEANIC CHALLENGER** will tow 10 cables with a length of approx. 9.000 meter with a wide of 900 m.

Positions of the survey site: 56°40, 23' N - 006°18,14' E, 57°14,57' N - 006°19,59' E, 56°48,57' N - 003°59,59' E, 57°14,59' N - 003°59,59' E.

### Heire Project:

In connection to the establishment of the **HEJRE** Platform a safety zone of 500 m has been established around the position: 56°14,809' N - 003°57,534' E. The safety zone has been established according to the Energy Ministry Order No 657 of 30 December 1985. The guard vessel **ESVAGT KAPPA** are conducting guard duties at the **HEJRE** Platform site. Position: 56°14'51 N - 003°57'37 E.



SIRI Tanker Loading Facility



Illustration of hose when idle.



### FINO 3 - Research Platform

The research platform **FINO 3** was established in 2007/2008 approx. 45 nautical miles west of the island Sylt at the position 55° 11,7' N 007° 09,5' E. A 500 meter safety zone has been established around the platform, which in the future will be situated inside of the **DAN TYSK** wind farm area.

Please see the web page from the "Forschungs- und Entwicklungszentrum, Fachhochschule Kiel GmbH" [www.fino3.de](http://www.fino3.de) for more information.

### DAN TYSK wind farm

Acc. to the Danish Notices to Mariners No. 1154 the wind farm **DAN TYSK** will be established and marked by cardinal buoys, stated by the positions 1-9). During the building phase a 500 meter wide safety zone will be established around the wind park. In the area will be prohibition of navigation, anchoring, fishery and trawl equipment at the seabed. The prohibition period will be in force from 1. december 2012. The wind farm, when completed, implies 80 wind mills, a powerplatform, an accommodation platform and power- and communication cables.

Cardinal buoys	Degrees	Minutes	Degrees	Minutes	
N (Q)	1)	55°	15,763 N	7°	07,691 E
N (Q)	2)	55°	14,806 N	7°	14,406 E
W (Q(9)15s)	3)	55°	11,301 N	7°	07,828 E
W (Q(9)15s)	4)	55°	06,839 N	7°	07,963 E
E (Q(3)10s)	5)	55°	10,482 N	7°	15,421 E
E (Q(3)10s)	6)	55°	06,877 N	7°	16,432 E
S (Q(6)+Lfl.15s)	7)	55°	02,912 N	7°	17,044 E
S (Q(6)+Lfl.15s)	8)	55°	02,646 N	7°	12,769 E
S (Q(6)+Lfl.15s)	9)	55°	02,377 N	7°	08,098 E

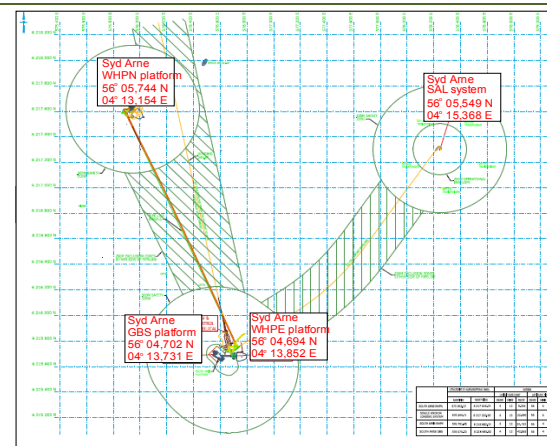
## HESS Denmark



### South Arnefield development

The drilling rig **MÆRSK RESOLUTE** is established at the **South Arne** field's **WHP E** platform.

The standby vessel **ESVAGT CARPATHIA** is servicing at the North platform with MOB-preparedness.



### 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 new bridge and platform **South Arne WHPE** at position 56° 04,693' N 004° 13,85' E. Satellitplatform **Syd Arne WHP N** is installed at the position 56° 05,744' N 004° 13,154' E, where a safety zone of 500 meter is established acc. to DEA regulation No. 657.

**SOUTH ARNE's** tanker loading facility, where tankers are loaded at 8 - 10 day intervals is located at WGS-84 pos. 56° 05,55' N 004° 15,37' E.

The oil company **Wintershall** has established a new platform called **RAVN** at the position: 55°52,912' N 004°14,078' E. A prohibited area with a radius of 500 m from the position will be established. Within the area unauthorized navigation, anchoring, diving and fishing is prohibited. The **Highland Fortress** are working with mattress installation at cable crossings between **RAVN** & **A6-A Gas platform** in the German EEZ. Work in the Danish sector expected completed mid week 27. The **VBMS Protea** is working with riser/spool installation during week 27.

An Aquadopp Current Profiler was deployed in position 56°43.4684'N 005°55.4278'E. Intentions are to leave the Aquadopp in position for at least 29 days, with recovery occurring no later than 9 July 2015. The current profiler set up consists of 2 x 110Kg sinkers, with a 2m length of rope attached to a lightweight release transponder. This is attached to a 2m length of rope which is then attached to a large yellow 'buoy' which houses the current profiler. The current profiler was deployed in a depth of 54m and was weighted to the seabed so that it sits approximately 6m above the seabed.

**GEUS** is conducting a survey with the vessel **SØLØVEN** in the following Danish waters: Skagerak, West of Hirtshals, at the Store Rev, at the Knudegrund and the Lønstrup Rødgrund, at the Gule Rev, at the Jyske Rev and West of Thyborøn in the weeks 25 -27.

Habitat #	Longitude	Latitude	Område navn	Habitat #	Longitude	Latitude	Område navn
H257	6,511313	56,880908	Jyske Rev	H258	9,299482	57,759110	Store Rev
H256	7,858886	56,731974	Thyborøn	H202	9,656668	57,505080	Lønstrup Rødgrund
H259	8,200887	57,386923	Gule Rev	H203	9,924995	57,611771	Knudegrund
BR2	8,555568	57,330884	Mulligt Boblerev 2	BR1	9,903541	57,662505	Mulligt Boblerev 1

For further information please visit:  
[www.foga.dk](http://www.foga.dk)

