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

**Signatures:**
- **Warning**
- **Safety zone**
- Pipeline with 200 meter protective zone
- **Buoy**
- **Existing installation**
- **Mobile rig**

**1 MAERSK RESOLUTE:** Port of Esbjerg.
**4 CROSSWAY EAGLE** in position at DAN FA-FE.
**5 MAERSK GUARDIAN:** Port of Esbjerg.
**12 COLGA:** Port of ESBJERG.

A lost anchor and 6 shackles of chain is located on pos. 56°00.28N 007°57.7E.

**Vessels:**
- The vessel FUGRO SYNERGY is expected between the SVEND oil field and the HARALD gas field, 30/8 for a geotechnical survey. Duration: 7 - 10 days.
- The vessel BOKA ATLANTIS conducting diving inspections at the DUC Fields.
- The vessel VESTLAND CYGNUS is working at the DUC Fields.
- The vessel MAERSK TRACKER conducting maintenance at the DUC Fields.
- The CTV's WORLD SKY & CONTENDER & the vessel LEV TAIFUN at the Horns Rev 3 OWF.
- The jack-up L/B JILL is working at the THOR site.
- The vessel C/S Ile d'Aix is planned in the Danish North Sea, 21/8 for cable works.
- The vessel C/S Ile de Bréhat is expected in the Danish North Sea, 25/8 for cable works.
- The vessels HYDROGRAF, ARCTIC HUNTER, SVERDRUPSON, NORTHERN KAROLINE & REYKJANES conducting environmental surveys in the German Bight.
- The vessel L41 ALPA is expected to inspect the lidar buoy, 25/8.

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Rigs in the Port of Esbjerg

Info 1.0

Total E&P Danmark A/S

Vessels:
The vessel FUGRO SYNERGY (call sign C6XR3) is expected 30/8 for a shallow drilling operation to obtain geotechnical soil data between the SVEND oil field and the HARALD gas field. The vessel will be positioned on DP (Dynamic Positioning) at 3 sites between the 2 fields. The operation is expected to last 7-10 days.
The vessel BOKA ATLANTIS is conducting diving inspections at the DUC Fields.
The vessel VESTLAND CYGNUS is working at the DUC Fields with well service at all satellite platforms.
The vessel MAERSK TRACKER conducting maintenance at the DUC Fields.

TYRA FUTURE:
From 15 May - 15 September 2020, two prohibited areas around platforms TYRA E and TYRA W have been established. In the area unauthorized navigation, diving, anchoring, fishing and work on the seabed will be prohibited.
More information on this project can be found on page 4.

Rigmoves:
The accommodation rig CROSSWAY EAGLE in position at DAN FA-FE.

Info 2.0

INEOS Oil & Gas

Hejre 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.

Info 2.1

Info 3.0

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 003° 09,5’ E. A 500 meter safety zone has been established around the platform.
Please see the web page from the "Forschungs- und Entwicklungs zentrum, Fachhochschule Kiel Gmbh" www.fino3.de for more details.

DAN TYSK windfarm
The DAN TYSK windfarm has been established at the shown site.

SANDBANK windfarm
The SANDBANK windfarm has been established.
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 to the platform South Arne WHP E (Well Head Panel) at position 56° 04.693' N 004° 13.85' E.

The satellite platform 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 Offshore safety order. 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.

Actors:

- **FOGA ApS**: Based on information received from offshore-operators at the North Sea, prepared the following newsletter describing present activities:
  - Webpage: www.foga.dk
  - E-Mail: fish.info@foga.dk
  - Tel.: +45 75 45 11 44
  - DK-6700 Esbjerg Trafikhavnskaj 19

**Activities**

**WATTENFALL**

- Crew Transfer Vessels (CTV) WORLD SKY & CONTENDER as well as the vessel LEV TAIFUN are in the Horns Rev 3 area.
- All 49 WTG’s are installed.
- Horns Rev 3 Marine Coordination Centre has been established by Vattenfall and is in operation 24/7. HR3 MCC can be contacted by VHF ch 16 and 10 or by duty-phone no.: +45 27 87 50 50. HR3 MCC is monitoring traffic in the area and at the construction site.

**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. Please note that the size of the prohibited area has been changed. Violation of the prohibition is punishable by fine or prison.

**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 to Kærgård

**ENERGINET**

- The jack-up LB JILL conducting geotechnical drillings at the THOR from 25/6 - 23/8-2020. It is expected that each drilling will take 1 – 3 days. (For positions see below). Mariners are advised to pass the jack-up with a minimum distance of 1000m and with reduced speed. The jack-up JILL is listening to VHF channel 16.
- On behalf of ENERGINET a met ocean buoy of the F-LIDAR type (Light Detection and Ranging – buoy) have been deployed at the Thor site. Dimensions of the buoy: L 1,51m / H 1,94 m / B 3 m / Weight 12 ton. The buoy would be able to move within a radius of 250 m around the anchor point. The buoy is deployed at the position: 56° 20.8 N -007° 38.962' E, WGS 84. Top marking: A yellow cross, radar reflector and a yellow light 5 flashes in a period of 20 seconds. The light is visible at a distance of 3 miles (FL (5) Y 20S). The vessel LB JILL is expected to inspect the lidar buoy, 25/8.
- On behalf of ENERGINET, 4 x 4 yellow buoys have been deployed at the Thor site in order to monitor the wildlife. All in all 16 buoys to be deployed within the Thor site. Every position consists of 4 yellow buoys with a distance of 250 m between each other. The yellow buoys are special marks with yellow light and a yellow X as topsign. Please be aware that one buoy is missing at below mentioned stations: T 02, T 03 og T04.

**Positions & Coordinates**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>LAT N</th>
<th>LONG E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Thor T1</td>
<td>56 16.999</td>
<td>7 45.116</td>
</tr>
<tr>
<td>2</td>
<td>Thor T2</td>
<td>56 17.049</td>
<td>7 33.317</td>
</tr>
<tr>
<td>3</td>
<td>Thor T3</td>
<td>56 20.343</td>
<td>7 40.898</td>
</tr>
<tr>
<td>4</td>
<td>Thor T4</td>
<td>56 24.734</td>
<td>7 44.734</td>
</tr>
</tbody>
</table>
The charts below show the new pipelines between the TYRA Fields.

From 15 May - 15 September 2020, two prohibited areas around platforms TYRA E and TYRA W will be established. In the area unauthorized navigation, diving, anchoring, fishing and work on the seabed will be prohibited.

The company Alcatel Submarine Networks are laying a subsea cable between Denmark and UK, from Nov 2019 - September 2020 (Havshingsten subsea telecom system).

Cable installation and ploughing will be resumed by the C/S Ile de Bréhat (sister ship of C/S Ile de Batz) on the 25th of August 2020, from Denmark / UK EEZ border towards UK coast.

C/S Ile d’Aix is planned in the Danish North Sea from 21st of August until end of September. She will perform Post Lay Burial activities at various crossing locations, then perform Pre Lay Shore End Final splice near Danish coast.

Mariners are requested to keep clear of the vessels.

The cable route is shown on the chart.

The vessel HYDROGRAF is conducting ROV inspection at Sandbank OWP.
The vessel ARCTIC HUNTER conducting UXO survey at Kaskasi OWP.
The vessel SVERDRUPSON conducting environmental survey in the German Bight.
The vessel NORTHERN KAROLINE conducting environmental survey in German Bight.
The vessel REYKJANES conducting environmental survey in German Bight.