



Statoil

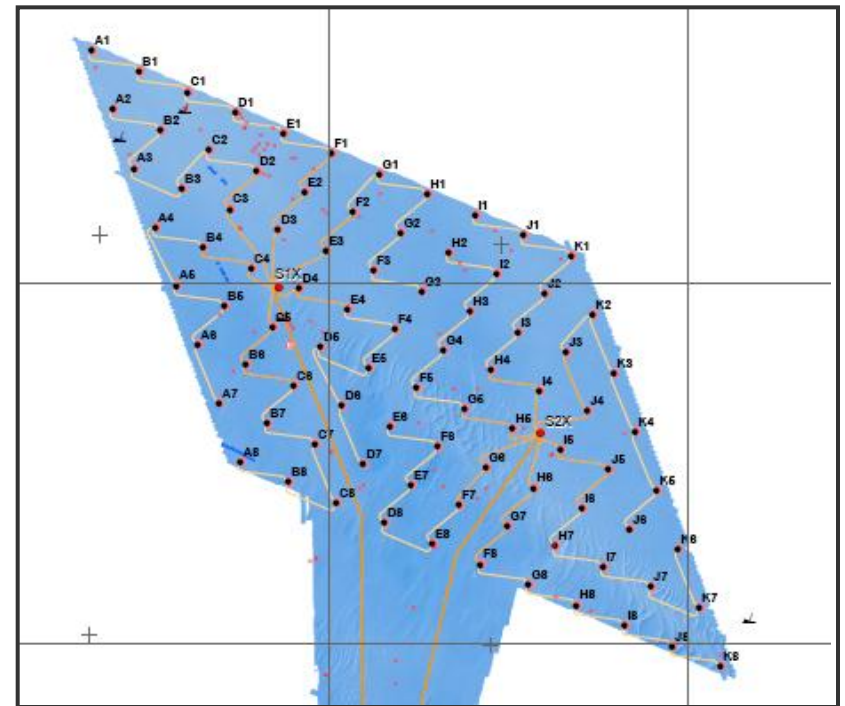
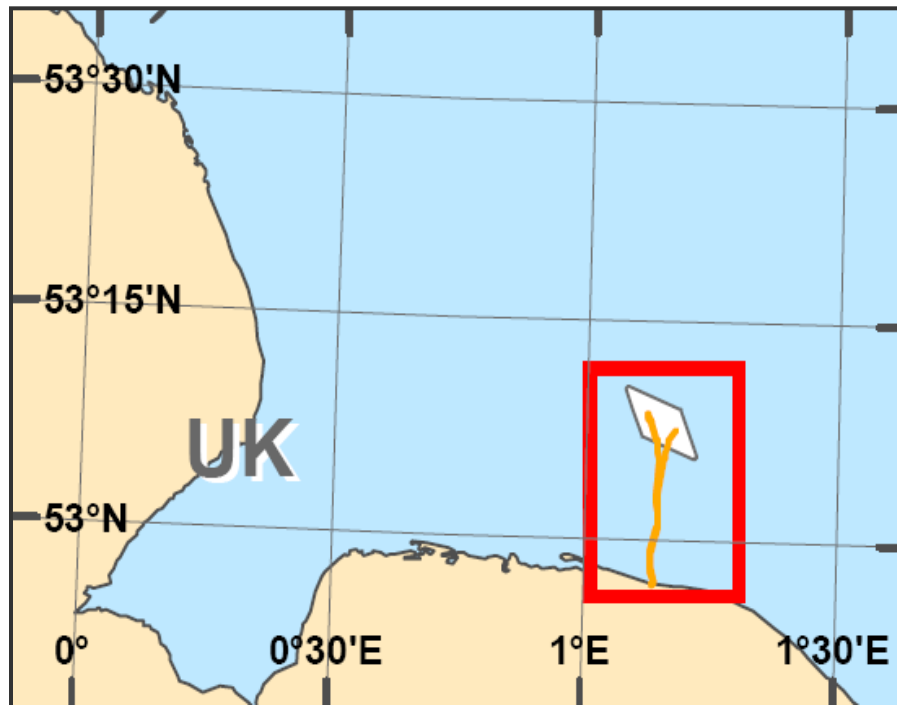


Renewable Energy

Diving operation on the Sheringham Shoal Offshore Wind Farm

Diving operation on the Sheringham Shoal windmill park, UK.

- Scira Offshore Energy Limited, 50% Statoil and 50% Statkraft.
- Statoil is responsible for the development project.



Diving operation on the Sheringham Shoal windmill park, UK.

- The scopes;
- Oktober 2009; Start of first Scira diving operation, at the landfall.
- January 2010; UXO
- August 2010; Installation of Bellmouth.



Main challenge

- The main contractor, specialist on Windmills' without any experience in offshore diving operations.
- Strong current and bad visibility.
- It is Statoil's contractor that choose the diving contractors.
- New regulations and organizations.



Diving operation on the Sheringham Shoal windmill park, UK.

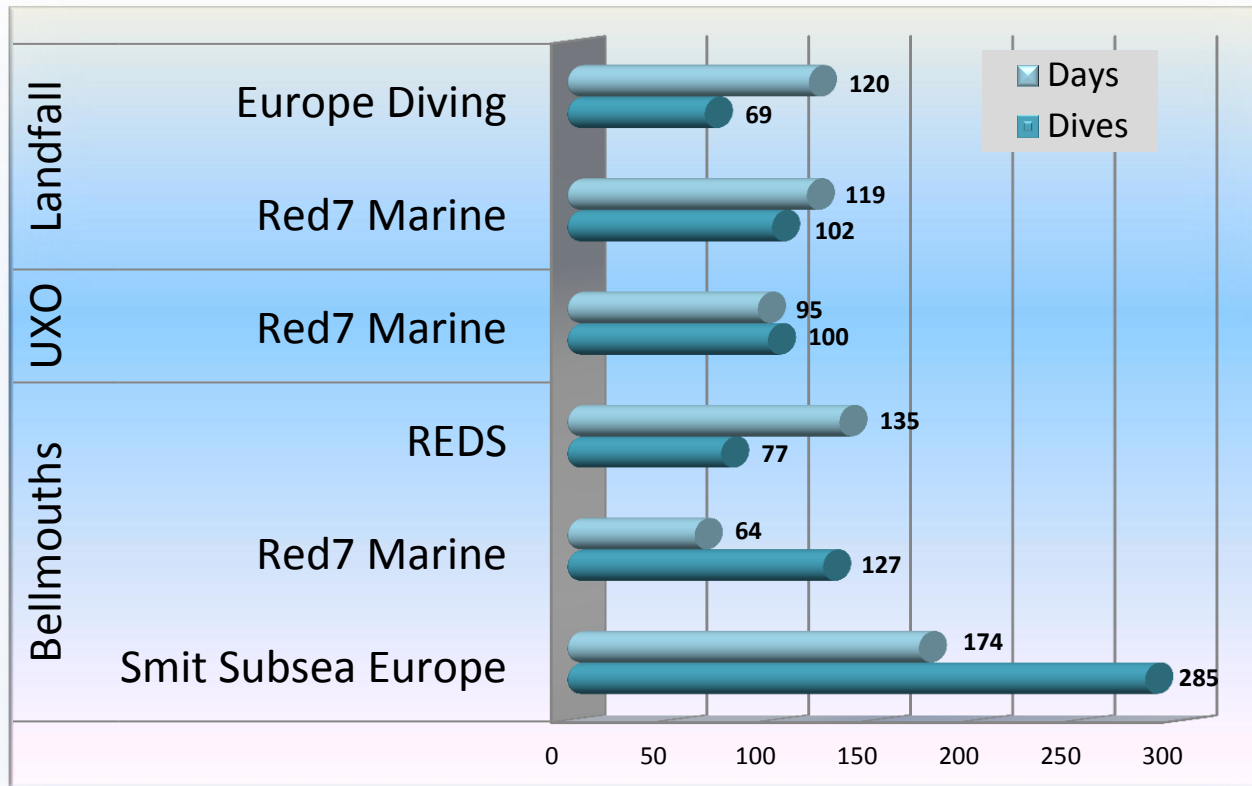
- Contact with UK authorities (HSE diving division).
 - Prior to start in UK we had some contact with HSE (Health and Safety Executive, Diving) to familiar us to UK regulations.
 - The UK HSE Regulations inshore/offshore are in principle the same, but extended for offshore.
 - Visser Smith Marine Contracting Ltd (VSMC) our vendor organized with HSE to have a presentation before start of operation with Volantis.
 - During the operation with RED7M and Volantis in February the project was audited by HSE.
 - By HSE, VSMC was defined as the client, but we were also interviewed.

Dykkeoperasjoner på Sheringham Shoal, UK.

- **Diving vessels;**
 - OMS Pollux x 2
 - Volantis
 - Dragon
 - Constructor
- **Diving contractors;**
 - Europa Diving
 - RED7M x 3
 - REDS
 - Smit SubSea



Scira Diving Statistics

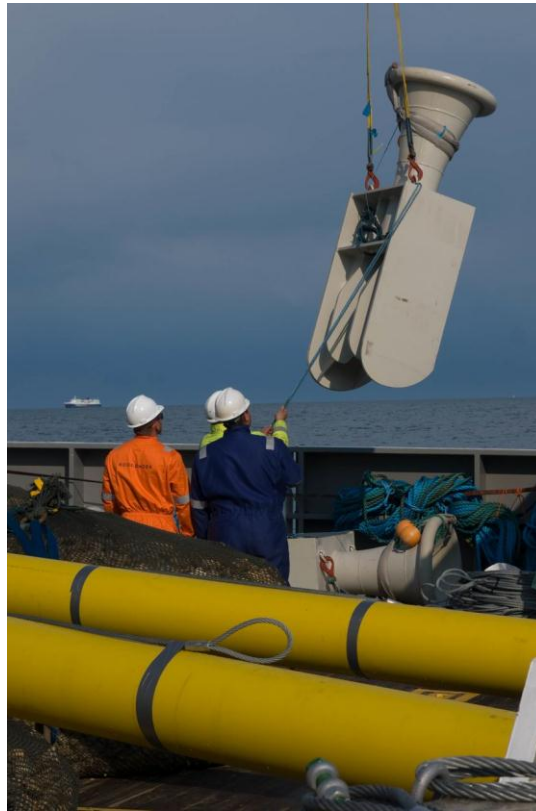


Diving statistics'

- HSE, Synergi reports
- 8 green
- 2 yellow
- 1 red



Diving operation on the Sheringham Shoal windmill park, UK.



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Diving operation on the Sheringham Shoal windmill park, UK.



Diving operations Sheringham Shoal, UK.

Thank you

Alternative Energy

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