

Belford Dolphin

New Generation Ultra Deepwater Drillship

Power & Drive Systems



- **Belford Dolphin (formerly Navis Explorer I) was built by Samsung Heavy Industries and delivered in 2000**

- **Owned by Fred Olsen Energy ASA**

- **ABB Delivery:**

- **Electric Power System**
- **Electric Thruster Drives**
- **Drilling Drive Systems**



Ultra Deepwater Drillship

Belford Dolphin, previously Navis Explorer I, was built by Samsung Heavy Industries and delivered in March, 2000. Originally owned by Navis ASA, the vessel was later acquired by Fred Olsen Energy ASA through the acquisition of Navis.

Belford Dolphin represents a new generation of drill ships specially made for drilling in ultra deepwater and harsh environmental conditions.

ABB Scope of Supply:

- 6 x Generators
- 3 x 11 kV Switchboards
- 5 x 4 MW Thruster Drives
- 4 x 2400 kVA Transformers
- 1 x 300 kVA Transformer
- 2 x Earthing Systems
- 2 x 11 kV Fire Pump Motors
- 4 x 440 V Switchboards w/ MCC's
- 4 x 220 V Switchboards w/ MCC's
- 2 x Harmonic Filters
- 2 x 11 kV 2-speed COP Motors
- 2 x Top Drive Motors
- 8 x Mud Pump Motors
- 2 x Drilling Drives
- System Engineering and Network Studies

A Global Technology Partner to the Marine Industry

ABB Marine is the leading manufacturer of electric power and propulsion systems. We are a highly competent maritime organization with over half a century of experience. Through our global presence, we provide reliable, safe and environmentally-friendly solutions and qualified services to ship owners and operators, reducing operational costs and ensuring optimum vessel lifecycle.



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