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# Deepwater Millennium and three sister ships

Deepwater Pathfinder, Deepwater Frontier, Deepwater Millennium and Deepwater Discovery were built by Samsung Heavy Industries and are operated by Transocean. These double-hulled drillships were designed specifically for ultra-deepwater operations and can drill in waters as deep as 10,000 feet with drilling depth capability of 30,000 feet.

ABB's delivery to each of the four ships includes (delivery to Deepwater Discovery varies slightly):

#### Electric Power and Thruster Drive Systems:

- 3 x 11 kV Switchboards
- 3 x 7 MW Generators
- 3 x 4.7 MW Generators
- 6 x 4 MW Thruster Drives:
  - 5500 kVA Transformers
  - Frequency Converters
  - Asynchronous Motors
- 3 x 1500 kVA Transformers
- 2 x 1000 kVA Transformers
- 2 x 1000 kVA Transformers
- 3 x 300 kVA Transformers
- 3 x Earthing Transformers
- 2 x 2-speed C.O.P. Motors
- 2 x Ballast Pump Motors
- 2 x Fire Pump Motors
- 1 x C.O.W. Motor
- System Engineering and Network Study

- all powered  
by ABB

Through innovative solutions, high competence and true global capability, ABB Marine contributes to high-performance vessels and more profitable operations. ABB Marine is the world-leading supplier of integrated electrotechnical solutions to the marine industries, and our Azipod® and Compact Azipod® systems are setting new standards within electric propulsion.

