

# Freedom of the Seas

Azipod® propulsion for world's largest cruise ship

Azipod® Propulsion



- 158,000-ton luxury cruise liner, for delivery in 2006

- Owned by Royal Caribbean Cruises International

- Built by Aker Finnyards, Turku

- **ABB Delivery:**

- 3 x 14 MW Azipod® propulsion
- Electric power generation
- Electric power distribution including switchboards, transformers and thruster motors

**ABB**

## 3,600 pax Cruise Ship with Azipod® propulsion

RCI's 158,000-ton cruise ship, *Freedom of the Seas*, is currently under construction in Finland at Aker Finnyards. With occupancy for 3,600 guests and 1,400 crew members, she will be the largest cruise ship in the world when she enters service in the spring of 2006. Featuring a highly developed hydrodynamic design and a unique propulsion solution consisting of one fixed and two azimuthing Azipod® units, the ship will cruise Caribbean waters with outstanding operational economy, performance and safety. *Freedom of the Seas* is the first of three Freedom Class vessels ordered by Royal Caribbean Cruises International - all to be equipped with Azipod® propulsion.

### ABB Scope of Supply:

- 6 x 17,600 kVA Main Generators
- 11 kV Main Switchboard
- 6 x 13,200 kVA Propulsion Transformers
- 3 x Frequency Converters for Azipod®
- 3 x 14 MW Azipod® Propulsion
- 4 x 3,400 kW Thruster Motors
- Ship Supply and Engine Room Transformers

### A Global Technology Partner to the Marine Industry

ABB Marine is the leading supplier 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, operators and yards - reducing operational costs and ensuring optimum vessel lifecycle.



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