

ABB to complete retrofit of Phoenix Reisen cruise ship MS Artania

ABB will continue retrofit of the cruise ship's onboard electrical panels, increase of installed power, replacement of the alarm and monitoring system and integration within the new 800xA automation system for propulsion and power station control.

Zurich, Switzerland, 4 March 2015 – ABB, the leading power and automation technology group, has completed the electrical upgrading of cruise ship Artania, operated by the German company Phoenix Reisen. The order, signed in April of last year, was secured through V-Ships, a Monaco-based ship management company that has partnered with ABB in many electrical upgrading projects aboard the vessels it manages.

The installation, started in September 2014 at the shipyards of Bremerhaven, Germany, was completed in early December, as Artania prepared to sail again. Commissioning completion at full power was completed in January, while the ship was cruising in open ocean.

ABB's scope of the supply was the retrofitting of the main switchboard, which was upgraded and expanded to allow an increase in installed power, and the replacement of an obsolete Norcontrol alarm and monitoring system, which is now part of an integrated 800xA system that manages all of the ship's automation, including control of propulsion and of the onboard power station.

Inaugurated by Princess Diana in 1985, the Artania -- then known as Royal Princess of Princess Cruises -- was acquired by P&O in 2005 and renamed Artemis. The smallest cruise ship of the P&O fleet, the Artemis was helmed at this time by British captain Sarah Breton, the second woman ever to command a cruise ship. In 2009, the Artemis was sold to Artania Shipping, and continued to sail until 2011, when it was taken by Phoenix Reisen and renamed Artania.

Throughout the various transfers of ownership, the Artania has had a series of upgrades to infrastructure and passenger amenities to ensure the vessel meets modern passenger standards.

Artania boasts eight passenger decks, 594 cabins, 3 renewed restaurants featuring single open sitting, 7 bars, a library, a show lounge, a swimming pool, a spa, boutiques and all the comforts of modern cruise ships, while maintaining an intimate atmosphere.

From the ship's early history with Royal Princess and throughout its existence as Artemis and Artania, ABB has carried out most of its upgrades, providing the ship with increasingly advanced technologies and systems. Phoenix Reisen / VShips selected ABB as partner for the ship's power and automation systems, confirming their confidence in ABB's next-generation technologies, which enhance both performance and safety.

"We are very pleased to have selected ABB as partner for the upgrading of the whole automation and electrical generation/distribution on board our M.V. Artania, in fact the successful completion of the complicated project have paid our confidence," says Lino Calzolari, Fleet Manager at V.Ships Leisure SAM.

"The ABB team have been working with high professionalism, commitment and the ability to find solutions to challenges. This project also had a severe time constrain, with only 72 day for the whole, from project

Press Release



start to product delivery. The team leaders have been very responsible and managed to keep full control the progress, and the full vision, from preparation to start-up and sea trials”.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility, industry, and transport and infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 140,000 people.