

Case Study:

ARTANIA RE-POWERING

V.Delta played a leading role in the 70-day dry dock of the cruise vessel Artania at Lloyd Werft, Bremerhaven. We supported the owners in the decision making process, developed the basic design and project managed the work.

Our tasks included defining the structural and systems modifications, verifying stability and strength and making preventative checks to minimise the transmission of vibration and noise.

A team of five project managers was deployed throughout the process to control costs, plan activities, manage risks, undertake contracting and guarantee solid technical execution. The main parties involved were Wartsila for the main engines, Lloydwerft for the installation works and ABB for the electrical and automation system.

A timely delivery in late 2014 meant the vessel was ready for its winter world cruise. The modifications undertaken meant it now benefited from excellent fuel consumption, while passengers enjoyed industry-leading standards of comfort.

The 1984-built ship, originally P&O's Royal Princess, now has four Wärtsilä 12V32 engines and one 8L32 port generator, delivering a total output of 32MW.

This project was a perfect example of how our unique blend of operational expertise, engineering consultancy and management skills makes V.Delta ideal for major refitting projects.

