

## **SUCCESSFUL TESTS FOR CONVERTEAM'S NEW ELECTRIC PROPULSION SOLUTION**

NCL's cruise ships electric propulsion systems were successfully tested in Converteam's motor factory, Nancy (France), in July and validated by Aker Yards, NCL and the DNV classification society. The systems comprise two 24MW – 130rpm induction motors fed by MV7612 PWM converters. The tests have proved the availability and high performance of the solution. All the necessary data were given to classification societies to approve a test methodology for large induction motors.

All the results are fully in line with our commitments. Nicolas Moneuse, Technical Manager Propulsion Systems at Aker Yards said: "Aker Yards is very satisfied with the performances demonstrated during this back-to-back test. It gives us a great confidence that the overall ship's performances will be achieved during sea trials. This success is the result of a long term cooperation between Aker Yards and Converteam. Next steps are the commissioning of the systems on board and the sea trials before delivery of the ship to our client NCL".

Allen Ward, Electrical Inspector, Power, at NCL, said:

"Vibration and noise reductions benefit our passengers' comfort. In addition, Converteam's electrical propulsion solutions bring significant advantages in terms of operational costs."

A DNV representative stated that DNV was happy being involved in this innovative project and appreciated the high level of cooperation between NCL, Aker Yards and Converteam.

### **About Converteam**

Converteam Group is a world leading company in power conversion engineering. Building on over a century of experience, it is firmly placed at the leading edge of technology and innovation, with a global reputation for excellence in the conversion of electrical energy. Converteam develops and provides solutions built around three core components: rotating machines, drives and process automation. Serving specialized sectors as well as its core markets in Marine, Oil & Gas and Offshore, Energy and Industry, our 4,600 staff members provide power conversion solutions worldwide. At year-end 2007, Converteam sales totaled 875 EUR million. In Marine, Converteam is a major player in electric propulsion, dynamic positioning and automation systems which are used for merchant - mainly cruise ships and LNG carriers- naval and offshore vessels applications.

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