



MAN Cryo to Supply Fuel Gas Supply Systems for LNG-Powered Norwegian Ferries

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MAN Cryo, MAN Diesel & Turbo's marine-LNG fuel-gas-system manufacturer, has signed a contract with the Vard Shipyard Group in Norway to deliver a fuel-gas supply system (FGSS) to two ferries for shipowner and ferry operator, Torghatten Nord.

Each ferry will be equipped with a gas-electric, hybrid-propulsion system that features optional fast-charging from shore. Major efforts have been put into the design to deliver an energy-efficient propulsion and hull shape that offer a state-of-the-art environmental performance, comfort and reliability. The ferries are designed by Multi-Maritime, a Norwegian ship designer with extensive experience within the design of advanced vessels.

Mikael Adler, Managing Director of MAN Cryo, said: "We are very happy to have been chosen as supplier for the fuel-gas system for these vessels. We see a clear trend in the market with an increasing number of inquiries for fuel-gas systems. This clearly points towards LNG's positive growth as a choice of fuel."

Thor Inge Skov, Purchase Manager at Vard Group AS in Brevik, said: "We are committed to delivering two excellently performing ferries to Torghatten Nord, and this is a very important reason to why we have chosen MAN Cryo as fuel-gas supplier."

The FGSS

The LNG supply system consists of a 175 m³ vacuum-insulated storage tank, with auxiliary equipment including an LNG vaporizer, a pressure build-up unit and a bunker station.

The MAN Cryo system will supply gas to the engines powering each ferry and is scheduled for delivery in Q1, 2018. The equipment will be installed aboard two double-ended RoPax ferries that will operate between Halhjem and Sandvikvåg, south of Bergen in SE Norway. The 134-m long and 21-m wide ferries will have identical capacities of up to 180 cars and 550 passengers.

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About MAN Cryo

MAN Cryo has built its reputation, and delivered advanced technology to the gas industry, for over half a century. It develops efficient and economical solutions for demanding, marine applications in the form of cryogenic equipment for marine fuel-gas systems, as well as for offshore and onshore bunkering systems.

Situated in Gothenburg, Sweden, MAN Cryo is one of the world's leading manufacturers of cryogenic equipment for the storage, distribution and handling of liquefied natural gas (LNG).

MAN Cryo is an established name due to its experience and well-proven products within the field of vacuum technology and cryogenic tank engineering. MAN Cryo provides comprehensive aftermarket services in association with MAN PrimeServ, MAN Diesel & Turbo's after-sales division.

For more information on MAN Cryo, contact Roger Göthberg, Head of Sales (+46 768 311312), or cryo@mandieselturbo.com



Illustration of the coming double-ended RoPax ferries (picture courtesy Multi-Maritime)

About MAN Diesel & Turbo

MAN Diesel & Turbo SE, based in Augsburg, Germany, is the world's leading provider of large-bore diesel and gas engines and turbomachinery. The company employs around 15,000 staff at more than 100 international sites, primarily in Germany, Denmark, France, Switzerland, the Czech Republic, India and China. The company's product portfolio includes two-stroke and four-stroke engines for marine and stationary applications, turbochargers and propellers as well as gas and steam turbines, compressors and chemical reactors. The range of services and supplies is rounded off by complete solutions like ship propulsion systems, engine-based power plants and turbomachinery trains for the oil & gas as well as the process industries. Customers receive worldwide after-sales services marketed under the MAN PrimeServ brand.