



MAN Cryo to Deliver LNG Fuel System to Italian Ferry First LNG-powered vessel of its kind

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MAN Cryo – MAN Diesel & Turbo’s marine LNG fuel-gas-system manufacturer – has signed a contract with Sefine Shipyard in Turkey to deliver a marine LNG fuel-gas supply system (FGSS) to an Italian ferry.

The LNG supply system consists of a 150 m³ vacuum-insulated storage tank, with auxiliary equipment, including an LNG vaporizer, pressure build-up unit, bunker station and heat exchanger.

The MAN Cryo system will supply gas to the ferry’s three dual-fuel propulsion engines and is scheduled for delivery in November 2017. The vessel will be the first of its kind with LNG propulsion.

The equipment will be installed aboard a double-ended RoPax ferry, designed by LMG Marin, for Italian shipowner, Caronte & Tourist, and will primarily operate on the strait of Messina between Villa San Giovanni – the main access point to Sicily from the Italian mainland – and the city of Messina.

The 133-m long and 21.5-m wide ferry will have a capacity of up to 290 cars on two vehicle decks, and 1,500 passengers.

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.

MAN Diesel & Turbo acquired the former Cryo AB in 2016. 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 was chosen as supplier for this new order 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.

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Rendering of the MAN Cryo vacuum insulated storage tank plus auxiliary equipment to be installed aboard the new ferry



Rendering of the new RoPax ferry (image courtesy LMG Marin)

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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.