
Press release

Copenhagen, 2019-04-03

MAN Cryo Delivers LNG Fuel System to Italian Ferry

First LNG-powered vessel to enter service in Mediterranean

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An Italian ferry with a marine LNG fuel-gas supply system has entered service. MAN Cryo – MAN Energy Solutions' marine LNG fuel-gas-system manufacturer – installed the system aboard the 'Elio' at the Sefine Shipyard in Yalova, Turkey. Elio is a double-ended RoPax ferry, designed by LMG Marin, for Italian shipowner, Caronte & Tourist. The MAN Cryo system will supply gas to the ferry's three dual-fuel propulsion engines and which will primarily operate on the strait of Messina between the Italian mainland and the Sicilian city of Messina.

MAN Cryo's scope of supply covered:

- vacuum-insulated type C tank – 150 m³ gross volume
- TCS with airlock, valves, piping and vaporization equipment
- bunkering station
- heat-exchanger unit
- freestanding control and emergency shut-down system

Louise Andersson, Head of MAN Cryo, said: "This project is of strategic importance since it is the very first RoPax vessel in the Mediterranean to operate on LNG. It follows MAN's vision to become a leading supplier in the regions where we see a strong growth of demand for LNG solutions".

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 with a service speed of 18.5 knots.

Luigi Genghi, General Manager of Caronte & Tourist, said: "Caronte & Tourist is very happy with the performance of the LNG system that MAN Energy Solutions has provided. Since Elio is operating on a tight schedule on a daily basis, it is important that the gas-supply system works during all circumstances. In this perspective, MAN Energy Solutions is our trustworthy partner."

Selçuk Bakanoglu, Business Development Manager of Sefine Shipyard, said: "Sefine Shipyard has been very satisfied with the high-quality standard of the equipment, start-up, commissioning and after-sales services of MAN Cryo in the 'Elio' project, the first Mediterranean ferry with LNG propulsion."

About MAN Cryo

MAN Energy Solutions took over fuel-gas specialist Cryo AB in 2015 and fully integrated it into its business. Under the brand MAN Cryo, the company offers systems for the storage, distribution and handling of liquefied gases.



The 133.6-m long Elio features an MAN Cryo LNG fuel-gas supply system

MAN Energy Solutions enables its customers to achieve sustainable value creation in the transition towards a carbon neutral future. Addressing tomorrow's challenges within the marine, energy and industrial sectors, we improve efficiency and performance at a systemic level. Leading the way in advanced engineering for more than 250 years, we provide a unique portfolio of technologies. Headquartered in Germany, MAN Energy Solutions employs some 14,000 people at over 120 sites globally. Our after-sales brand, MAN PrimeServ, offers a vast network of service centres to our customers all over the world.