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MAN Cryo Wins Order for Hybrid Gas-Battery Propulsion System

LNG fuel-gas system bound for Norwegian live-fish carrier

MAN Cryo – MAN Energy Solutions' marine LNG fuel-gas-system manufacturer – has announced that it will supply an LNG fuel-gas supply system to a Norwegian live-fish carrier ordered by Nordlaks, one of Norway's largest aquaculture companies.

The new vessel will be a sister to an identical vessel ordered during the summer of 2018 – again for Nordlaks – for which MAN Cryo also won the order to provide the fuel-supply system. The system forms part of an innovative, hybrid gas-battery propulsion solution – a first for the segment.

Designed by NSK in Norway, the sister vessels will be built at Tersan Shipyard in Turkey. Tersan has, over the years, built a number of LNG-powered vessels and this will be the 5th since 2016 that is equipped with a marine fuel-gas system delivered by MAN Cryo.

Louise Andersson, Head of MAN Cryo, said: "These orders mark our entry into a new marine segment with its own unique demands. Nordlaks' interest in exploiting sustainable technology fits seamlessly with our ambition to become a leading supplier within sectors where there is a growing demand for LNG-fuelled solutions. We are very pleased with this order from Tersan and look forward to continuing our cooperation with such a valued customer."

MAN Cryo's scope of supply for each vessel covers:

- 2 x vertical vacuum insulated 146-m³ LNG tanks, each with 2 x redundant 'tank connecting spaces'
- 2 x BS100-GR bunker stations
- 2 x HEU 100 glycol-heat exchanger units.

Upon construction, the vessels will have a length of 84.25 m, a breadth of 19.0 m, and will be capable of transporting over 600 tons of live fish, particularly salmon and trout. The carriers are designed for operation at aquaculture facilities in more exposed waters and delivery of the latest vessel is expected during 2021.

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.



Graphical rendering of the new fishing vessel (picture courtesy NSK)

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.