



A combined project between Kongsberg Maritime and Myklebust Verft will convert three Hurtigruten Norwegian Coastal Express vessels to hybrid operation as part of plans to cut coastal carbon emissions by at least 25 percent

May 11, 2021 12:00 BST

Kongsberg Maritime wins contract to supply green solutions for three Hurtigruten vessels

Kongsberg, Norway, 11th May 2021 – Kongsberg Maritime (KM) is pleased to announce the signing of a contract to upgrade three Hurtigruten Norwegian Coastal Express passenger vessels with comprehensive equipment packages for hybrid operation. The company aims to cut CO₂ emissions from their operation along the coast of Norway by at least 25 percent. KM will collaborate closely with Norwegian shipyard Myklebust Verft on the refit.

At the core of the extensive upgrades, each vessel will be fitted with two SAve Energy 1,120kWh lithium-ion Energy Storage systems, controlled via Kongsberg Maritime's SAve CUBE integrated drive switchboard. This single cabinet solution includes all frequency converters, drives and DC switching equipment necessary for the hybrid system, controlling all connected thrusters, saving space and simplifying cooling and installation.

"This is one of the largest environmental vessel upgrade projects to be undertaken in Europe," says President Egil Haugsdal of Kongsberg Maritime. "For us, it's rewarding to work with a company that shares our ambitious approach to technology and environmental issues. These green upgrades of Hurtigruten Norwegian Coastal Express ships represent a forward-looking, sustainable choice for their existing fleet."

Two new, energy-efficient Bergen B33:45L6P diesel engines will propel each vessel, equipped with Selective Catalytic Reduction (SCR) to ensure optimal emissions control and compliance with IMO Tier III regulations, and fully compatible with KONGSBERG's digital management solutions, including health monitoring. The delivery scope also encompasses reblading of the main propellers, new thruster motors, AC switching, safety and telegraph systems, in addition to full system integration and commissioning.

Shaft generators on the engines will supply electrical power, managed by a custom installation of the K-Chief 700 Power Management system. Data from onboard sensors will be collated and shared via the K-IMS (Information Management System) application and analysed using Vessel Insight. Geir Oscar Løseth, General Manager Sales, Advanced Offerings at KM, explains: *"Green shipping requires a holistic way of thinking. Optimal operation depends on many solutions working together to ensure that fuel consumption remains low. Every aspect of this project – from the equipment chosen to how it is integrated, installed and used – is equally important to achieving the final result."*

Hurtigruten Norwegian Coastal Express is part of Hurtigruten Group, the world's leading adventure travel group, which also includes Hurtigruten Expeditions, the world's largest expedition cruise line. Daniel Skjeldam, CEO of Hurtigruten Group, said: *"Our goal is to operate all our ships and all our cruises completely emission-free. While we get a step closer day-by-day, we cannot sit idle and wait for the technology to be in place. We are working closely with our partners, such as the competent team at Kongsberg Maritime, to drive change and move boundaries, while at the same time utilising the best solutions*

already available today.”

The first vessel to undergo an upgrade is MS *Richard With*. “We are honoured to be chosen by Kongsberg Maritime as a partner in this project,” says Inge-Jonny Hide, General Manager, Myklebust Verft. “In addition to building state-of-the-art new vessels, it’s important for us to receive orders for upgrades and retrofits than can prolong a ship’s lifetime in compliance with the new environmental regulations.”

For further information, please contact:

Gunvor Hatling Midtbø, VP Communication
Kongsberg Maritime
Tel: +47 9921 4209
gunvor.hatling.midtbo@km.kongsberg.com

David Pugh
Saltwater Stone
Tel: +44 (0)1202 669244
d.pugh@saltwater-stone.com

About Kongsberg Maritime

Kongsberg Maritime is a global marine technology company providing innovative and reliable ‘Full Picture’ technology solutions for all marine industry sectors including merchant, offshore, cruise, subsea and naval. Headquartered in Kongsberg, Norway, Kongsberg Maritime has manufacturing, sales and service facilities in 34 countries.

Kongsberg Maritime solutions cover all aspects of marine automation, safety, manoeuvring, navigation, and dynamic positioning as well as energy management, deck handling and propulsion systems, and ship design services. Subsea solutions include single and multibeam echo sounders, sonars, AUV and USV, underwater navigation and communication systems.

Training courses at locations globally, LNG solutions, information management, position reference systems and technology for seismic and drilling operations are also part of the company’s diverse technology

portfolio. Additionally, Kongsberg Maritime provides services within EIT (Electro, Instrument & Telecom) engineering and system integration, on an EPC (Engineering, Procurement & Construction) basis.

Kongsberg Maritime is part of Kongsberg Gruppen (KONGSBERG), an international, knowledge-based group that celebrated 200 years in business during 2014. KONGSBERG supplies high-technology systems and solutions to customers in the oil and gas industry, the merchant marine, and the defence and aerospace industries.

Web: [Kongsberg Gruppen](#) | [Kongsberg Maritime](#)

Social media: [LinkedIn](#) | [Twitter](#) | [Facebook](#)