



Kongsberg Maritime systems chosen for LNG Fuelled bulk carrier vessel under construction at Hyundai Mipo in South Korea (existing Ilshin bulk carrier pictured). Image courtesy: Ilshin Shipping Company

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Kongsberg Maritime: KONGSBERG Integrated Automation Delivery for First Korean Built LNG Fuelled Bulk Carrier

- *New Ilshin Shipping Co. vessel focuses on environmentally friendly operation*
- *Contract includes first delivery of advanced new Fuel Gas Supply System (FGSS)*

Kongsberg, Norway, 28th October 2016– Kongsberg Maritime has been

chosen to supply a full integrated automation solution including the first delivery of its advanced new Fuel Gas Supply System (FGSS) for a newbuild 50,000 DWT LNG Fuelled bulk carrier, ordered by South Korean ship owner, Ilshin Shipping Company. The new bulk carrier will be built at Hyundai Mipo Dockyard and is scheduled for delivery during the fourth quarter of 2017. It is the first dual-fuel merchant vessel to be built in South Korea.

Ilshin's new bulk carrier signals the beginnings of a move towards LNG bunkering in the far east, driven by the lower cost of fuel and the need for more environmentally friendly vessel operation, in addition to new mandatory requirements for cleaner shipping through Sulphur Emission Control Areas (SECA) and Emission Control Areas (ECA). As an established supplier to shipyards globally, including in South Korea and China, KONGSBERG is well positioned to support the industry with FGSS solutions, with a portfolio of technology developed to enable full control of diverse vessel configurations.

In addition to the advanced new FGSS solution, the delivery includes K-Chief 600 alarm, monitoring and control system, AutoChief 600 propulsion control system, Bearing Wear Monitoring System (BWCM), Emergency Shutdown System (ESDS) and K-Gauge fuel tank monitoring. The AutoChief 600 propulsion control system will be integrated with the Kongsberg FGSS to ensure seamless control of the main Fuel Gas valve, propulsion and main engine.

“Kongsberg Maritime has an established long-term relationship with Hyundai Heavy Industries and we are keen to support its shift towards building ‘Green Ships’ to comply with new ECA/SECA requirements. Our diverse portfolio of integrated technology is designed to make shipping more efficient. Our systems make new solutions like Fuel Gas Supply Systems a viable option for more vessel types, enabling more shipowners to save money on bunkering costs and the shipping industry to reduce its overall environmental footprint,” said Morten Stanger, Vice President, Merchant Marine Sales, Kongsberg Maritime.

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About Kongsberg Maritime

Kongsberg Maritime is a global marine technology company providing innovative and reliable technology solutions for all marine industry sectors including merchant, offshore, subsea and naval. Headquartered in Kongsberg, Norway, the company has manufacturing, sales and service facilities in 20 countries.

Kongsberg Maritime developed systems for vessels cover all aspects of marine automation, safety, manoeuvring, navigation, and dynamic positioning. Subsea solutions include single and multibeam echo sounders, sonars, AUV/Underwater Robotics, underwater navigation, communication and camera systems.

Marine and offshore training simulators, LNG solutions, information management, position reference systems and technology for seismic and drilling operations are also part of the company's diverse technology portfolio.

In parallel with its extensive technology portfolio, Kongsberg Maritime provides services within EIT (Electro, Instrument & Telecom) engineering and system integration, on an EPC (Engineering, Procurement & Construction)

basis.

Kongsberg Maritime delivers solutions that cover all aspects of technology underwater and on the water, aboard new build and retrofit vessels, and on offshore platforms and rigs, often under a single supplier strategy called The Full Picture.

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.

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