

Press Release

ABB CoriolisMaster flowmeters gain DNV GL maritime certification

Göttingen, Germany March 4, 2015 – ABB's Measurement & Analytics business has announced that the company's CoriolisMaster FCB300 and FCH300 mass flowmeters have achieved DNV GL Maritime certification. The DNV GL organization provides classification, verification, risk-management, and technical counselling to the maritime industry. Extensive testing conducted by DNV GL on these flowmeters verified their electromagnetic compatibility as well as high accuracy under severe conditions of vibration.



ABB confirms that the CoriolisMaster mass flowmeters have already been installed in many maritime applications. Typical functions include fuel consumption measurement, energy management, and environmental compliance. Industry sources cite that about 50% of a ship's operational costs are for fuel. CoriolisMaster mass flowmeters help ship owners comply with the Ship Energy Efficiency Management Plan (SEEMP) guidelines, introduced in 2013.

Attributes of the ABB CoriolisMaster flowmeters contributing to SEEMP compliance include high accuracy; robust, innovative design; and direct mass measurement. The flowmeters work at high frequencies even under the harsh environmental vibrations commonly on board ships. Their stiff outer casings decouple from outer installation forces of up to 40 tons. Direct mass measurement eliminates need for pressure compensation. As a bonus these flowmeters provide real-time density measurements to check on fuel quality. Lastly, they integrate seamlessly with other marine measurement and control systems. ABB offers complete turnkey energy efficiency solutions.

ABB's Measurement & Analytics business unit (www.abb.com/measurement) is among the world's leading manufacturers and suppliers of instrumentation and analyzers. With thousands of experts around the world and high-performance technology, ABB's team is dedicated to making measurement easy for its customers.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility, industry, and transport and infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 140,000 people.

For more information, please go to: www.abb.com/measurement or contact:

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