



Underwater image captured using an EM 712 multibeam echo sounder

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## Kongsberg Maritime: Canadian Coast Guard Expands Northern Mapping Capability

**Halifax, Nova Scotia, 14 August, 2017** – The Canadian Coast Guard has chosen Kongsberg Maritime to provide high resolution EM 712 multibeam echo sounders to the Canadian Coast Guard's medium icebreakers, CCGS PIERRE RADISSON and the CCGS DES GROSEILLIERS.

Gathering critical hydrographic data can be a challenge in the Canadian Arctic. The innovative, retractable design of the new EM 712 echo sounder

systems optimises performance of the sounder when deployed and protects it when the vessel is breaking ice.

When deployed, the high-resolution EM 712 collects valuable navigational and scientific data from otherwise inaccessible parts of the planet and is capable of mapping a swath of the seabed up to 3,000 meters wide in 3,600 meters of water.

The CCGS LOUIS S. ST-LAURENT and the CCGS AMUNDSEN are each equipped with larger, ice protected, deep-water sounders from KONGSBERG. The light icebreaker CCGS SIR WILFRID LAURIER is equipped with a retractable Kongsberg EM 2040C high resolution, shallow-water multibeam echo sounder.

Kongsberg Maritime has been a trusted supplier of multibeam echo sounders and electronics to the Government of Canada since the early 1980s. Canada's first ice protected multibeam echo sounder was installed on the research vessel CCGS AMUNDSEN in 2003 and has been in operation for almost 14 years.

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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 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.

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.

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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