

Aker Arctic Selected to Provide Advanced Ice Load Monitoring System for Canadian Coast Guard's MPVs

Helsinki, Finland – November 26, 2024 – Aker Arctic has been chosen to supply a state-of-the-art ice load monitoring system for the Canadian Coast Guard's Multi-Purpose Vessels (MPVs) program. The Contract includes the delivery of Aker Arctic's ARC ILMS ice load monitoring measurement and analysis system for the initial six MPVs, which are a key part of Canada's National Shipbuilding Strategy (NSS). These vessels will be constructed at Seaspan Vancouver Shipyards in Canada.

“The ARC ILMS is our platform for measuring loads that the ship's structure experiences when operating in ice-covered waters. It utilizes strain gauge sensors, specifically fibre optic gauges, to measure the hull's response when impacted by ice. Using our analysis algorithms, developed from decades of similar measurements on icebreakers, the system provides feedback to the operator on the safety level of the ship,” said Rob Hindley, Head of Consulting and Technology Development at Aker Arctic. “We are thrilled that our system has been selected for implementation on the MPVs and look forward to working with Seaspan and the Canadian Coast Guard on this project.”

For more information:

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Aker Arctic Technology Inc is a private company specializing in the technology development, design, engineering, special products, consulting and testing services for ice-going vessels and icebreakers. Based on our experience in vessel design, we have acquired a sound understanding of the solutions and products required for ice going vessels. This knowledge enables us to offer products that introduce efficiencies and reduce costs, while providing safe, reliable, and efficient equipment for the operator. www.akerarctic.fi