Alfa Laval PureSOx to sail the Great Lakes on a Canadian cement carrier

**As well as being the established choice of scrubber for Emission Control Areas (ECAs), Alfa Laval PureSOx is proving its capabilities on the Great Lakes. The system will soon be installed on a cement carrier that will operate in the region as part of the NovaAlgoma fleet.**

NovaAlgoma Cement Carriers Limited has recently expanded its fleet with the M/v Nacc Quebec. This ecologically efficient self-discharging bulker will be converted from an existing vessel in China and will begin her operation in 2017. Connected to its Wärtsila four-stroke 6L38B main engine will be an Alfa Laval PureSOx exhaust gas cleaning system, configured with a U-design scrubber in a hybrid arrangement.

Scrubbers are a means of profitable compliance with sulphur legislation on the Great Lakes. Closed-loop scrubbing is necessary, however, due to the strict wash water discharge requirements of the US Vessel General Permit (VGP). PureSOx offers well-proven water cleaning technology based on centrifugal separation, which will allow the M/v Nacc Quebec to sail continuously in closed-loop mode. Nevertheless, a hybrid system was selected for full operational flexibility, giving it the additional ability to sail in open-loop mode when allowed.

Following careful consideration of both U-design and I-design PureSOx scrubbers, a U-design was also chosen for this particular installation. The U-design offered the best fit for the space on board, as well as the possibility of operating in bypass mode.

In selecting PureSOx for the M/v Nacc Quebec, prior experience with Alfa Laval and Alfa Laval equipment played an important role. “We trust in the Alfa Laval brand and wanted to have the Alfa Laval PureSOx system in our fleet,” says Mr Francesco Costagliola, Technical Director.

To learn more about Alfa Laval PureSOx and Alfa Laval’s approach to exhaust gas cleaning, visit www.alfalaval.com/puresox

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**Editor’s notes**

About Alfa Laval

Alfa Laval is a leading global provider of specialized products and engineering solutions based on its key technologies of heat transfer, separation and fluid handling.

The company’s equipment, systems and services are dedicated to assisting customers in optimizing the performance of their processes. The solutions help them to heat, cool, separate and transport products in industries that produce food and beverages, chemicals and petrochemicals, pharmaceuticals, starch, sugar and ethanol.

Alfa Laval’s products are also used in power plants, aboard ships, oil and gas exploration, in the mechanical engineering industry, in the mining industry and for wastewater treatment, as well as for comfort climate and refrigeration applications.

Alfa Laval’s worldwide organization works closely with customers in nearly 100 countries to help them stay ahead in the global arena. Alfa Laval is listed on Nasdaq OMX, and, in 2015, posted annual sales of about SEK 39.7 billion (approx. 4.25 billion Euros). The company has about 17 500 employees.

[www.alfalaval.com](http://www.alfalaval.com)