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Alfa Laval PureBallast 3.1 top customer choice for large-flow ballast water treatment systems

Among owners of tankers and other large vessels, the number who choose UV ballast water treatment over electrochlorination continues to grow. To date, Alfa Laval has won orders for Alfa Laval PureBallast 3.1 totalling almost 90 systems in the range of 1000 m³/h or more.



Led by PureBallast 3.1, UV ballast water treatment systems are challenging the notion that electrochlorination is the default for large ballast water flows. Today's UV systems compete easily in terms of footprint and energy efficiency, even at flows of 1000 m³/h or above. This adds to their long-standing operational advantages, which include a chemical-free process that poses no corrosion risk.

The shift towards UV is evident in a string of recent orders won by PureBallast 3.1 in the large-flow range. Among them is an order from Nakilat, a Qatar-listed shipping and maritime

company with the world's largest LNG fleet, who will retrofit two PureBallast 3.1 systems of 2000 m³/h. A further system of this size, configured for Ex demands, will be retrofitted by European oil tanker management company DS Tankers.

"PureBallast 3.1 was selected not only for its small footprint and simple installation, but also for its ease of use," says Anders Lindmark, Head of Alfa Laval PureBallast. "No chemicals are needed to treat the ballast water or to neutralize residuals, which means there will be no chemical handling on the part of the crews. And just as importantly, there will be no risk of corrosion in the system components or ballast water tanks. Those things make a difference for any vessel, large or small."

To learn more about Alfa Laval PureBallast 3.1 and Alfa Laval's approach to ballast water treatment, visit www.alfalaval.nl/pureballast

For further information, please contact:

Heleen van Hout
Marketing Communication Coordinator
Phone: +31 (0)76 57 91 210
E-mail: heleen.vanhout@alfalaval.com

You can also stay up-to-date with marine industry news at Alfa Laval by visiting the [Marine Division's LinkedIn page](#).

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.

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www.alfalaval.nl