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Alfa Laval wins prestigious GREEN4SEA Technology Award for ballast water treatment system

Alfa Laval was among the recipients of the third annual GREEN4SEA Awards, which recognize outstanding performance in fostering environmental excellence and sustainable shipping. At the awards ceremony on 6 March, Alfa Laval PureBallast was announced the winner of the 2018 GREEN4SEA Technology Award.

Established in 2016, the GREEN4SEA Awards are presented each year in conjunction with the GREEN4SEA Conference. The conference gathers key decision makers from the shipping industry to outline sustainable strategies and environmental best practice with regard to ballast water management, air emissions, fuel options and energy efficiency.

Peter Sahlen, R&D Manager for Alfa Laval PureBallast, was a keynote speaker at the 2018 GREEN4SEA Conference and was on hand at the Yacht Club of Greece to accept the GREEN4SEA Technology Award on 6 March.

“We are extremely proud to receive this year’s GREEN4SEA Technology Award for Alfa Laval PureBallast,” says Sahlen. “The award affirms Alfa Laval’s long-standing commitment to ballast water treatment, but also highlights the past year’s major achievements with PureBallast 3, the third generation of our ballast water treatment technology.”

More than a decade of leadership

The GREEN4SEA Technology Award specifically recognizes technological achievement, breakthrough or significant contribution to the maritime environment. PureBallast has been setting the bar since 2006, when it became the world’s first commercially available ballast water treatment system. Today over 1700 PureBallast systems have been sold, including 600 systems for retrofit projects.

PureBallast 3, the current generation of the technology, continues to lead the way in both performance and preparedness. Proven to comply in the most challenging water conditions, including frigid or muddy waters, it was among the first solutions to be type approved by the U.S. Coast Guard (USCG). In February of this year, it became the very first solution to receive IMO type approval according to the revised MEPC.279(70) [2016 G8] requirements.

“A ballast water treatment system is a major investment that needs to perform over the entire vessel lifetime,” says Sahlen. “Customers require robust technology and future-proof solutions, which is why Alfa Laval has prioritized both USCG and revised G8 demands when it comes to PureBallast 3.”

A complete solution for peace of mind

Sahlen also points out that success in ballast water treatment depends on more than the treatment technology itself. Practical concerns, from enabling simpler retrofits to providing ongoing service, are equally important. Even in these areas, PureBallast 3 is at the forefront.

“With the recent launch of PureBallast 3 Compact Flex, we packed the technology into the smallest footprint on the market, creating a truly retrofit-friendly package with plug-and-play components,” Sahlen says. “In addition, we’ve invested heavily in our already extensive global network, making sure that we have the services and personnel in place to secure customers’ peace of mind.”

“The GREEN4SEA Technology Award reflects not just PureBallast, but also the total offering and expertise Alfa Laval has built up around it,” Sahlen concludes.

To learn more about Alfa Laval PureBallast 3 and Alfa Laval’s approach to ballast water treatment, visit www.alfalaval.com/pureballast

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Editor's notes

About Alfa Laval PureBallast

PureBallast, which was the first commercially available ballast water treatment solution, is a chemical-free technology sold and serviced by Alfa Laval. A vital component of PureBallast is the enhanced UV reactor, which was developed jointly by Alfa Laval and Wallenius Water based on Wallenius Water technology. All PureBallast systems are available with both IMO and U.S. Coast Guard type approvals.

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'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 2017, posted annual sales of about SEK 35.3 billion (approx. 3.6 billion Euros). The company has about 16 400 employees.

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