Press release



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Bulkship Management AS chooses Alfa Laval PureBallast 3 for its entire fleet

Oslo-based Bulkship Management AS has chosen Alfa Laval PureBallast 3 for compliance in ballast water treatment. The company has signed a comprehensive fleet agreement that includes 30 PureBallast 3 Compact Flex systems, as well as commissioning and training.

Bulkship Management AS is a fast-growing ship management company focused on technical management and crewing. The company has now signed a fleet agreement with Alfa Laval in ballast water treatment, comprising the supply of 30 PureBallast 3 Compact Flex systems over the next four years. Individual systems will handle flows of 250, 500, 600 or 1000 m³/h, and all of the systems will have U.S. Coast Guard (USCG) type approval.

"Alfa Laval has provided us with strong support throughout the selection process and planning," says Knut Johan Steneng, Managing Director of Bulkship Management AS. "Alfa Laval PureBallast 3 was clearly the best solution for our needs, and we know that Alfa Laval's global network will provide us with smooth access to service and parts."

Bulkship Management AS found numerous technical advantages to PureBallast 3 Compact Flex, which is delivered as loose components for flexible installation. They include not only the small system footprint, but also the automatic Cleaning-In-Place (CIP) process that safeguards the system's market-leading performance.

"The CIP sequence that cleans the quartz sleeves and UV sensor after ballast operations will keep our maintenance needs to a minimum," says Steneng. "But above all it will ensure that we get everything we can out of the UV lamps. The most important thing is knowing our vessels are compliant, whatever the water conditions or quality."

Besides the supply of the PureBallast 3 Compact Flex systems, the fleet agreement with Bulkship Management AS includes commissioning and training by Alfa Laval. These

knowledge services will be instrumental in bringing the systems into operation and preparing crews for their use.

"PureBallast 3 is a compliance system, so its quality and performance are both very important," Steneng concludes. "But so is the organization behind it. Alfa Laval's expertise and ongoing support will help us to secure compliance in the long term."

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 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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