Alfa Laval systems have a strong presence on prestigious new Norwegian Escape

**In October 2015, Norwegian Cruise Line (Norwegian) received the first vessel in its new Breakway Plus Class. The 164,600 GT Norwegian Escape is not only Norwegian’s largest cruise ship to date, but also one of the largest cruise ships in the world. On board are prominent Alfa Laval systems in a range of key applications.**

Since entering service, Norwegian Escape has made waves in the cruise industry with its new standards of freedom and flexibility – hallmarks of Norwegian’s Breakaway concept. Boasting 19 decks and 4200 berths over a length of 325.8 m, the vessel displays innovation in every aspect: aesthetic, social and technical.

**Systems throughout the cruise ship**

Alfa Laval systems perform a wide range of functions on Norwegian Escape. Fuelled by HFO, with low-sulphur HFO and MGO used as needed, the vessel has six Alfa Laval S separation systems for HFO and one for MGO, as well as an additional system for lube oil. Two oil-fired Alfa Laval Aalborg OM boilers of medium size are also present. Waste fuel recovery is performed by the unique Alfa Laval PureDry, while waste heat from the engines provides energy via five Alfa Laval XW waste heat recovery boilers. In addition there is an Alfa Laval MEP freshwater generator, as well as an Alfa Laval PureBilge system and a 500 m3/h Alfa Laval PureBallast system to ensure environmental compliance.

“Alfa Laval is pleased to support Norwegian in taking the Breakaway cruise concept to the next level,” says Peter Leifland, President Marine & Diesel Division, Executive Vice President, Alfa Laval Group. “We are proud to supply such a wide range of systems that contribute to making Norwegian Escape the very best in class.”

To learn more about Alfa Laval PureBallast, Alfa Laval PureDry, Alfa Laval MEP, Alfa Laval S separators and Alfa Laval Aalborg boiler and waste heat recovery systems, as well as Alfa Laval’s approach to marine applications, visit www.alfalaval.com/marine

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**Editor’s notes**

About PureBallast

PureBallast is a ballast water treatment system sold and serviced by Alfa Laval. A vital component of the system is the Enhanced UV Reactor, which was developed jointly by Alfa Laval and Wallenius Water based on Wallenius Water Technology.

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, in 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 2014, posted annual sales of about SEK 35.1 billion (approx. 3.85 billion Euros). The company has about 18 000 employees.

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