

ACO Marine
Advanced Wastewater Solutions

Priceless

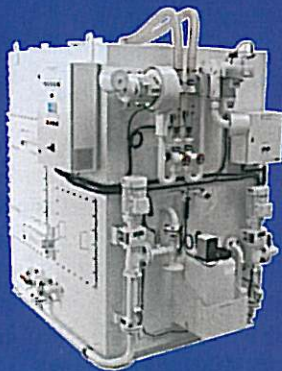
Type approved
to IMO MEPC
159 (55)

Black and Grey Wastewater Management Solutions

Complete system solutions for wastewater management. Advanced Maripur membrane black and grey water treatment plants exceed all current and future legislation including MEPC 159(55) which comes into force for STP installations on or after 1st January 2010.

Fully automated Lipatomat fat, oil and grease separators handle wastewater from the galley. Push fit pipe systems in both stainless and galvanized steel complete the system.

For further information
or contact please visit:
www.acomarine.com



ACO

ACO Marine, s.r.o.
Tel.: +420 257 217 990,
E-mail: info@acomarine.com
www.acomarine.com

Waste & Water Treatment

Largest BWMS for drillship

Drill ship Stena DrillMAX ICE is to be equipped with the largest version of Alfa Laval's PureBallast system



The largest Alfa Laval PureBallast system available is to be installed by Stena on one of its drilling ships.

Alfa Laval has received the first order for its chemical-free PureBallast 2500 system, the largest version of the system, to be installed aboard the Arctic drillship *Stena DrillMAX ICE*.

Featuring a flow rate of 2,500 m³/h, the PureBallast 2500 system will provide more than double the capacity of any previous PureBallast version. This makes it not only the largest PureBallast system, but also one of the largest ballast water treatment systems of any kind to be sold.

The order, comes from Samsung Heavy Industries on behalf of Stena Drilling. The PureBallast system will be delivered in June 2010 to the Geoje shipyard, where it will be installed aboard the arctic drillship *Stena DrillMAX ICE*.

The *Stena DrillMAX ICE* is an extremely specialised and expensive vessel, which makes every hour of operation crucial. Stena decided not to wait to install a ballast water treatment system until regulations are in place, as this would mean taking the drillship out of service and placing it back in the dry dock. In such an event, the cost of the retrofit would be not only the cost of the

equipment, but also the cost of the downtime.

With a PureBallast treatment system installed from the beginning, the company can plan the operations of the *Stena DrillMAX ICE* well into the future, regardless of when IMO's ballast water treatment regulations become law.

Also convinced of Alfa Laval's abilities is Samsung Heavy Industries, which will be installing PureBallast for the first time aboard the *Stena DrillMAX ICE*. "While we've supplied Samsung Heavy Industries extensively in the past, there was naturally a period of careful evaluation before PureBallast was selected," says Peter Carlberg, general manager at Alfa Laval. "Today we can say with pride that PureBallast lives up to their high expectations."

The high-capacity order for the *Stena DrillMAX ICE* is, however, not the only new order with ties to the oil industry. Alfa Laval has also recently sold eight PureBallast 250 systems for delivery to the Universal Shipbuilding Corporation, which will install them aboard eight offshore supply vessels for Sanko Line, one of Japan's oldest shipping companies.

PureBallast, which was developed in cooperation with Wallenius Water, has now been adopted by a wide range of fleets and has been selected for 79 vessels of varying types and capacities.