

## **BAWAT BWMS FOR FERRIES**

- **GREEN TECHNOLOGY**
- **NO OPEX**
- **REDUCED FOOTPRINT**

### **BWMS FOR FERRIES**

Ferries generally carry very little ballast water. The ballast water tank is often located in the stern or aft of the ship and is used to adjust the trim or draught.

As the Bawat Ballast Water Management System (BWMS) is treating water in voyage, the ship's crew can fully concentrate on other tasks while in port. There are no disruptions as the system is not running at this point.

Bawat's BWMS is pasteurizing the ballast water by use of waste heat. Ferries have a very

suitable profile for the Bawat BWMS because they have high-powered main engines and other heat sources for this process available.

The system is designed to fulfil the actual needs for treatment of ballast water resulting in a small footprint.

Bawat's BWMS has no filters and no consumables resulting in negligible OPEX for ship owners.

### **BAWAT BWMS ONE-PASS TECHNOLOGY**

The Bawat BWMS is the world's first in-voyage ballast water management system utilizing onboard waste energy to treat water.

The Bawat BWMS is a One-Pass BWMS meaning ballast water is treated after passing through the system once – no secondary treatment or neutralization is necessary.

The pasteurization process kills all foreign species and the ballast water becomes D2 compliant.

### CHOICE OF BAWAT BWMS

When ferry owners choose a Bawat BWMS they select a robust, easy-to-handle and sustainable BWMS solution, securing a truly green Ballast Water Management Treatment.

This unique approach to ballast water treatment aims at keeping the total cost of ownership as low as possible and at the same time making the operational set-up easy.

The system is composed of well-known standard marine components, making it easy to operate and simple to maintain for the crew.



### MAIN FEATURES

- Low OPEX
- Green profile - BWMS powered by waste heat
- No filters = no clogging
- Independent of salinity and turbidity of the sea water
- No holding time
- Not fragile to vibrations
- One-pass treatment
- No consumables

### IN-VOYAGE TREATMENT / PERMANENTLY AVAILABLE WASTE HEAT

