



## BAWAT BWMS FOR CONTAINER SHIPS

- NO DISRUPTION DURING CARGO OPERATION
- NO OPEX
- REDUCED BWMS FOOTPRINT

### BAWAT BWMS ONE-PASS TECHNOLOGY

The Bawat BWMS is the world's first in-voyage and no-filter ballast water management system utilizing onboard waste energy to treat water.

The Bawat BWMS is a One-Pass BWMS. This means that ballast water is treated after passing through the system once - no secondary treatment, neutralization, or measurement of the ballast water is necessary.

The technology behind is pasteurization. In this process all foreign species are killed, and the ballast water becomes D2 compliant.

The BWMS is an appendix to the ballast water system - not in-line with the ballast pumps, thereby giving the owner an option to have a BWMS that is sized to fit to the ballast treatment need and not according to the size of the ballast pumps. The control system makes it possible for the crew to monitor and document if the ballast water has been treated or not.

### BWMS FOR CONTAINER SHIP

As the Bawat BWMS is treating water at sea, the ship's crew can fully concentrate on cargo operations when in port. There are no disruptions as the system is not running at this point.



Container ships have a very suitable profile for the Bawat BWMS because they have a high-powered main engine and the amount of ballast water that needs to be exchanged is relatively small. The system is designed to fulfil the actual needs for treatment of ballast water resulting in a small footprint. The utilization of waste heat to drive the BWMS, no filters and no consumables makes OPEX for ship owners negligible.



### CHOICE OF BAWAT BWMS

When container ship owners choose a Bawat BWMS they select a robust, easy-to-handle and sustainable BWMS solution. 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 as easy as possible. The system is composed of well-known, standard marine components, making it easy to operate and simple to maintain.

### Main features

- No OPEX
- Green profile - BWMS powered by waste heat
- Well-known marine components
- No filters = no clogging
- Independent of salinity and turbidity of the sea water
- No holding time
- Independent of vibration
- One-Pass treatment
- No consumables

VISIT OUR WEBSITE, [WWW.BAWAT.COM](http://WWW.BAWAT.COM) TO FIND OUT MORE.  
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