

# BAWAT DAMEN

## THE FUTURE OF MOBILE BALLAST WATER MANAGEMENT

- PORT BASED CONTINGENCY OR SCHEDULED SERVICE FOR VESSELS
- CHEMICAL-FREE AND FILTERLESS SOLUTION
- ONE-PASS TREATMENT
- APPLIES EQUALLY WELL TO ALL WATER QUALITIES
- TIME-EFFICIENT MINIMIZING DOWNTIME

### BAWAT MOBILE BWMS

Bawat sets a new standard in mobile ballast water management (BWMS) by offering treatment services from a mobile container either from the dockside, through barges, or temporarily lifted and installed on your vessel. The mobile unit is manufactured and built by the esteemed Damen Shipyards.

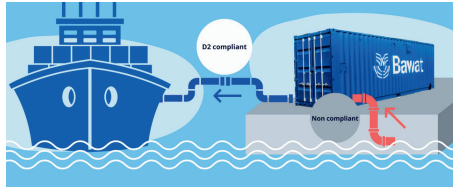
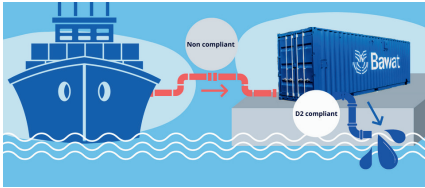
There is currently an estimated 30-50% of all the installed ballast water treatment systems that fall short of compliance standards, posing significant challenges to maritime operations worldwide. And as the approaching deadline for vessel owners to achieve compliance with the IMO - Ballast Water Management Convention (BWMC) is less than a year away it is essential to have other solutions available.

In cases where an onboard system is absent or experiences malfunctions, Bawat provides an IMO and USCG certified option by its treatment services.

### BAWAT DAMEN MOBILE ADVANTAGES

- **Dual Certification:** The system is both IMO and USCG certified, ensuring global compliance and acceptance.
- **Flexible Service Options:** Whether you have an unplanned contingency or need scheduled servicing while in port, we have got you covered.
- **Universal Water Treatment:** Designed to treat all water qualities and types, ensuring unparalleled flexibility and reliability.
- **Time-Efficient Treatment:** Our advanced approach guarantees the swiftest treatment process in the industry, minimizing downtime and disruption.
- **Eco-friendly Solution:** We offer a chemical-free and filterless treatment, ensuring an environmentally responsible choice for marine ecosystems.

**Bawat**  
**DAMEN**



## HOW BAWAT BWMS FUNCTIONS

Bawat utilizes pasteurization, a tried-and-true method effective at eradicating bacteria, algae, and plankton. Through heating, Bawat's BWMS method guarantees a single pass through the ballast water mobile system is all it takes to rid the ballast water of unwanted species.

## HERE'S HOW IT WORKS

- **Connection to the Vessel:** BWMS links directly to the ship's ballast water piping from dockside, barge based, or temporarily lifted and installed on your ship.
- **The Efficient One-Pass Treatment Technology:** Makes this process the most effective and efficient compliant ballast water treatment solution saving you time and money.
- **Water Flow:** The ballast water is channeled through the Bawat BWMS using the ship's existing ballast pump or an additional booster pump.
- **Clean Discharge:** Once the water has been treated by the Bawat BWMS, it meets both IMO and USCG standards and is safe to discharge.
- **Option for Fresh Ballast:** Ships can also be filled with pre-treated water. Water is taken from the harbor, treated by the Bawat BWMS, and then filled into the vessel's ballast tanks.

## BAWAT DAMEN EXCELLENCE SIMPLIFIED

- **Peak Efficiency:** Single-pass compliance without filters or waiting times.
- **Universal Effectiveness:** Performs evenly effective across all water conditions - be it turbidity, salinity, or temperature.
- **Trustworthy Performance:** Built by Damen with standard marine components for dependable operation.
- **Cutting-Edge Technology:** Harnesses pasteurization for unmatched water treatment results.
- **Minimal Upkeep:** Absence of filters translates to zero clogging issues.
- **Eco-Friendly Approach:** Employs heat for treatment, eliminating the need for chemicals.

Join us in embracing the future of ballast water management with Bawat built by Damen. Ensure compliance, operational efficiency, and environmental responsibility.

Contact us today at [info@bawat.com](mailto:info@bawat.com) to learn more and embark on a journey toward a sustainable maritime future - [bawat.com/mobile-bwms](http://bawat.com/mobile-bwms)