



Mobile Ballast Water Management System

THE FUTURE OF MOBILE BALLAST WATER TREATMENT

Bawat
DAMEN

Mobile BWMS by Bawat built by Damen

When confronted with onboard BWMS malfunctions or in search of a dependable compliance solution, the Bawat Damen Mobile BWMS solution offers the solution. Setting a new standard in mobile ballast water management, the mobile BWMS makes it possible to make treatment services from a mobile container, be it dockside, via barges, or temporarily lifted onto your vessel.

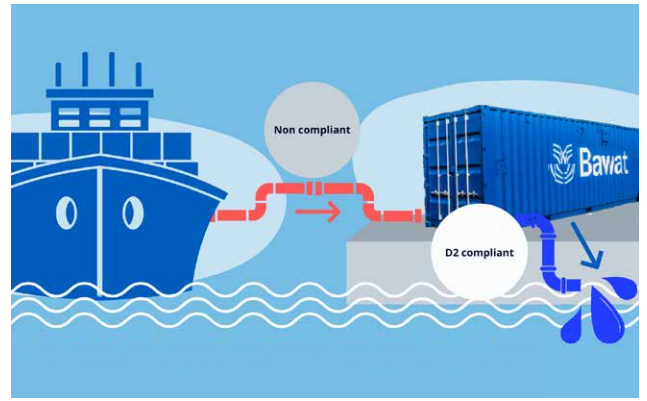
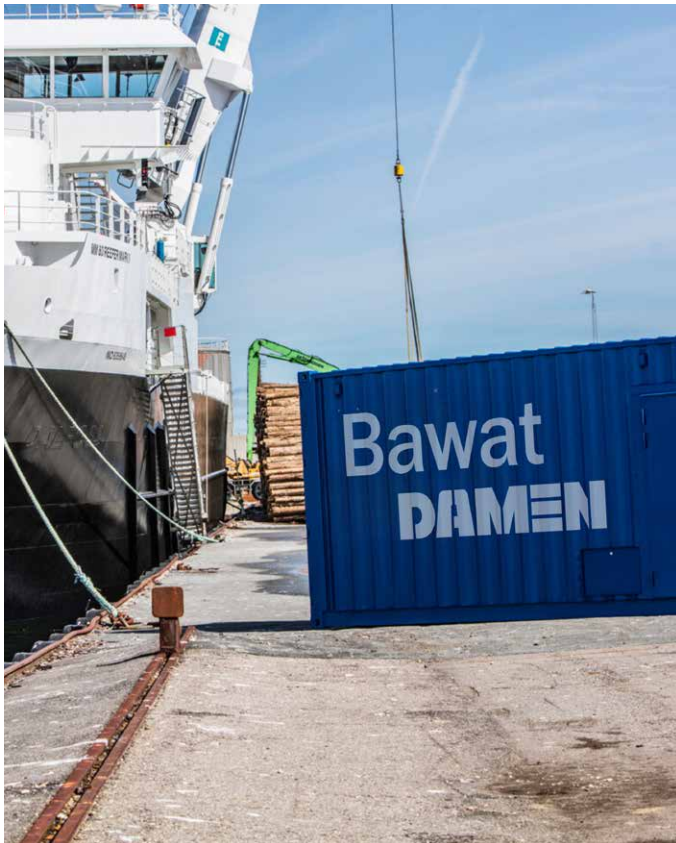
Versatile applications of Bawat Damen Mobile BWMS

- ▶ **Fleet Integration:** Enhance your fleet's compliance effortlessly by purchasing Bawat Damen Mobile BWMS. Ideal for barges, offshore or other vessels. Maintain compliance and streamline ballast water management across your fleet with mobile and adaptable solutions.
- ▶ **Contingency or planned services:** Ensure readiness for both unexpected challenges and scheduled operations with Bawat Damen Mobile BWMS. Whether responding to emergencies in ports or planned operations our mobile units provide swift, effective solutions, ensuring regulatory compliance and environmental protection in any situation.
- ▶ **Dry Dock Operations:** Streamline ballast water treatment during ship maintenance and dry dock operations with Bawat Damen Mobile BWMS. Our systems efficiently treat remaining ballast water before docking and provide compliant ballast water upon departure, ensuring smooth operations.

Mobile BWMS advantages

- ▶ **IMO and USCG type approval:** the Mobile Bawat Damen BWMS can be utilized globally without constraints.
- ▶ **Flexible service operations:** We can assist you in addressing unforeseen contingencies or providing scheduled servicing support while in port.
- ▶ **Universal water treatment:** Designed to treat all water qualities and types, ensuring flexibility and reliability.
- ▶ **Time-efficient treatment:** Our advanced approach guarantees the swiftest mobile 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.





➤ Treating non-compliant ballast water from the vessel



➤ Delivering compliant ballast water to the vessel

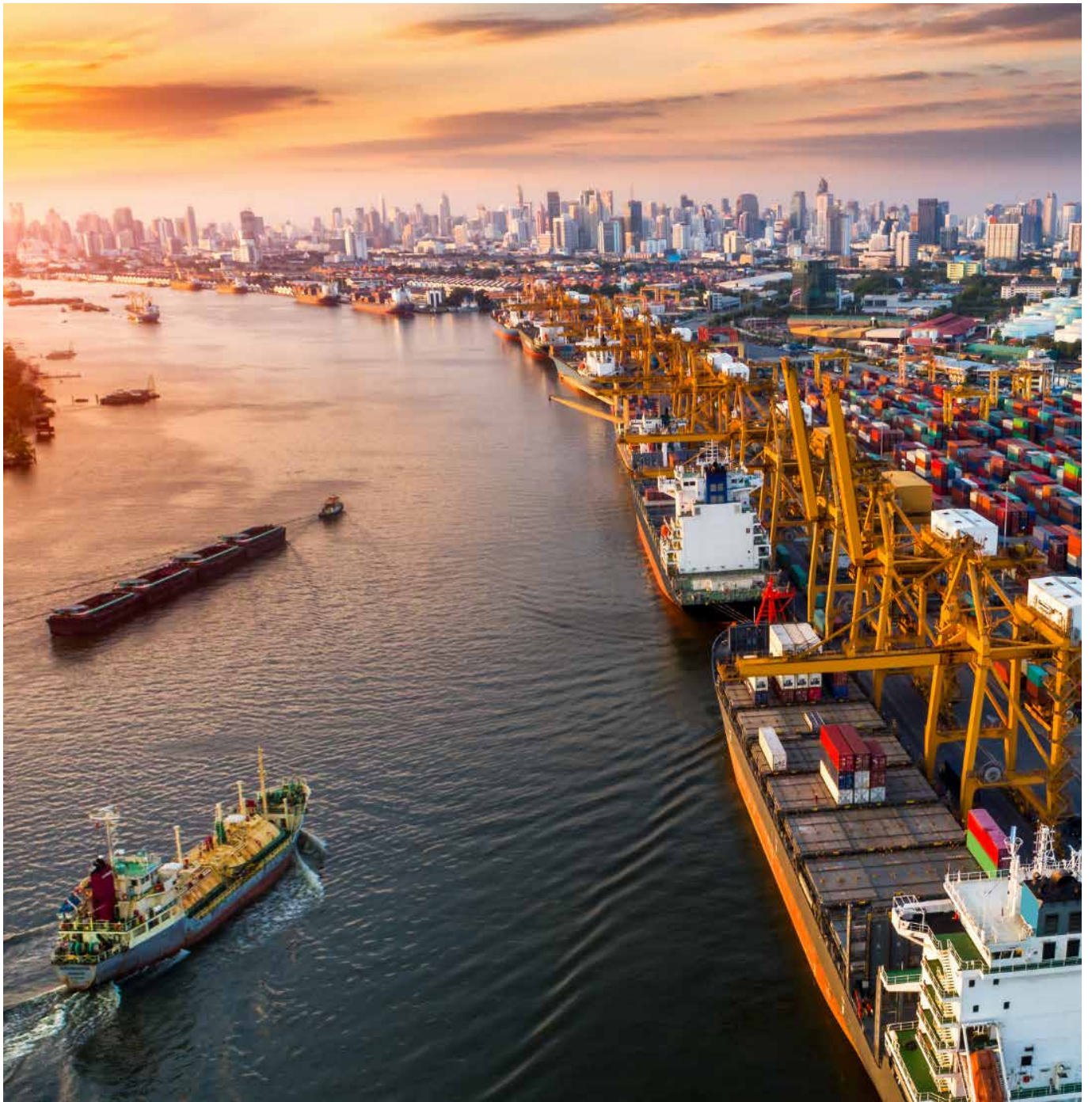
How the Bawat Damen BWMS works

Our BWMS method utilizes pasteurization, a tried-and-true method effective at eradicating bacteria, algae, and plankton. Through heating, this method guarantees a single pass through the mobile ballast water system, effectively removing unwanted species.

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 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 BWMS using pumps from the vessel or an external booster pump.
- **Clean discharge:** Once the water has been treated by the BWMS, it meets both IMO and USGC standards and is safe to discharge.
- **Option for fresh ballast:** Ships can also be fitted with pre-treated water. Water is taken from the harbor, treated by the BWMS, and then filled into the vessel's ballast tanks.





Bawat and Damen are committed to making a positive impact on the ecological wellbeing of the world's oceans. Through our joint venture, we create even more innovative and sustainable solutions for the maritime industry."

Bawat is based in Denmark and Damen in the Netherlands. We work closely together and with local agents and partners covering most of the world to service local needs and expectations. Contact us today at info@bawat.com for any enquiries. To learn more, visit bawat.com/mobile-bwms



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