



BAWAT BAAS - BALLAST AS A SERVICE

- PORT BASED BALLAST WATER SERVICE AVAILABLE
- CONTINGENCY OR SCHEDULED SERVICE
- SUPPORT IN CASE OF MALFUNCTIONING ONBOARD BWMS
- CONTAINERIZED UNIT - EASY TO MOVE

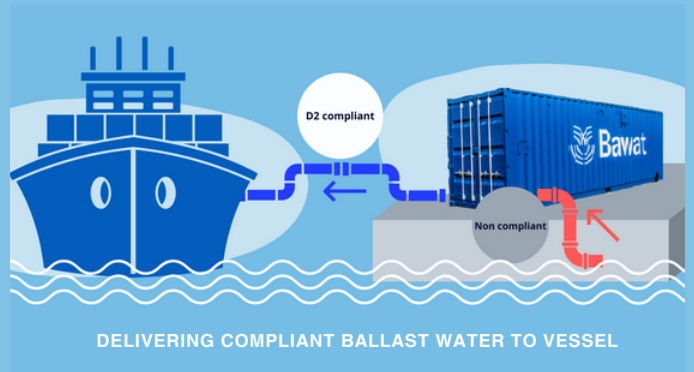
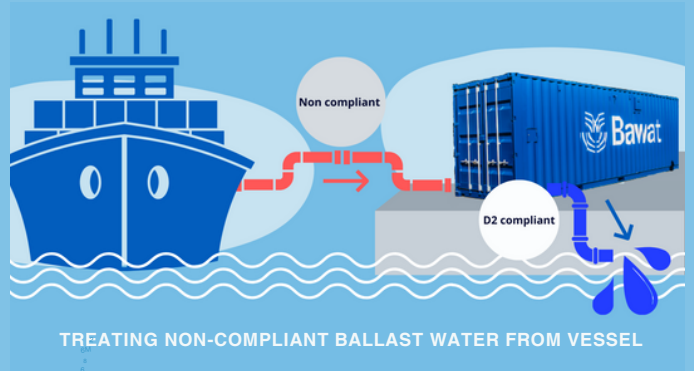
Setting a new standard in ballast water management, Bawat BaaS makes it possible to make treatment services from a mobile container in ports, terminals, during dry-docking, either from the quayside, through a barge, or temporarily lifted onto your vessel.

VERSATILE PORT APPLICATION:

- **Contingency or planned services:** Bawat BaaS ensures readiness for both unexpected challenges with an onboard Ballast water treatment system or scheduled operations. Bawat BaaS provides swift, effective solution, 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 BaaS. Our systems efficiently treat remaining ballast water before docking and provide compliant ballast water upon departure, ensuring smooth operations.

BAWAT BAAS ADVANTAGES:

- **IMO and USCG type approval:** The Bawat BaaS service 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 effectiveness:** Performs equally effective across all water conditions - be it turbidity, salinity, or temperature.
- **No disruption of cargo operations :** Our advanced approach guarantees a swift ballast water treatment process if a break-down of the onboard BWTS occurs, with minimum impact on cargo operation.
- **Eco-friendly solution:** We offer a chemical-free and filterless treatment, ensuring an environmentally responsible choice for marine ecosystems.



HOW BAWAT BAAS WORKS

The technology behind Bawat BaaS is pasteurization, a proven method effective at eradicating bacteria, algae, and plankton, housed within a containerized Mobile Ballast Water Management System (Mobile BWMS).

- **Connection to the vessel:** The Mobile BWMS is connected directly to the ship's ballast water piping from quayside, barge-based, or temporarily lifted onto your ship.
- **The one-pass treatment technology:** The ballast water only needs to be treated once via the Mobile BWMS to be fully IMO and USCG compliant. By means of pasteurization method all aquatic invasive species and pathogens are killed in only one single treatment and the water is safe to discharge.
- **Water flow:** The ballast water is channelled through the Mobile BWMS using pumps from the vessel or an external booster pump.
- **Option for fresh ballast:** Ships can also be fitted with pre-treated water. Water is taken from the harbour, treated by the BWMS, and then filled into the vessel's ballast tanks.

Contact us today at info@bawat.com for any enquiries. To learn more go to bawat.com/baas.

