

Top reasons

to consider replacing your ballast water management system



Don't risk non-compliance penalties because of a poorly functioning or poorly supported ballast water management system (BWMS). If you answer yes to one or more questions below, it makes sense to consider BWMS replacement.

If replacement is right for you, there's a proven solution. Alfa Laval PureBallast 3 has replaced more than 300 systems from more than 30 different makers.

01 Does your BWMS lack needed type approvals?
Unless you have a valid exemption, your system must be type approved for the waters in which you sail. If it isn't, replacement is the only answer. PureBallast 3 systems have IMO and USCG type approvals covering all water types – marine, brackish and fresh.

02 Does your BWMS demand constant attention?
If your system requires excessive maintenance or frequent repairs, it's costing you time, money and potentially business. In the longer perspective, it may be more cost-effective to replace it with a stable system like PureBallast 3.

03 Does your BWMS need to reduce flow to handle challenging water quality (CWQ)?
If you sail in waters with low UV transmittance or heavy sedimentation, you may be making needless operational trade-offs by reducing ballast water flow. PureBallast 3 handles even challenging conditions, maintaining full flow at UV transmittance levels down to 42% in brackish and marine waters. Its high-quality filter has enhanced cleaning that supports stable operation, reducing downtime and maintenance.

04 Is your BWMS difficult to operate?
The regulations make clear that the BWMS must be used correctly. Insufficient knowledge or operational missteps can lead to a deficiency and/or non-compliance. PureBallast 3 is a simple, reliable system that requires little from the crew – and no handling of hazardous chemicals.



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05

Is your BWMS supplier unresponsive?

Timely service actions are needed to ensure compliance, and so are things like spare parts. If you're not getting proper (or any) service support from your current BWMS supplier, you run the risk of non-compliance. Alfa Laval has a full service offering for PureBallast 3 and can take active responsibility through the Compliance Service Package for PureBallast.

06

Is your BWMS supplier unable to support you globally?

Shipping is a worldwide business, but not every shipping supplier has worldwide capabilities. Alfa Laval's global infrastructure ensures access to service centres, service engineers, parts and more. Anywhere and anytime, Alfa Laval's 24/7 Service & Support is ready to arrange what you need.

07

Has your BWMS supplier left the market?

With no supplier to provide essential parts and services, it can be impossible to get what you need to maintain your system's type approval. Having served the marine industry for over 100 years, Alfa Laval is looking ahead. The more than 10,000 PureBallast systems sold receive service support and access to updates as development continues.

08

Would upgrading your BWMS cost nearly the same as replacing it?

In some cases, upgrading an existing system for compliance can cost as much as installing a new PureBallast 3 system. For similar CAPEX, you could obtain a chemical-free solution with high efficiency and low OPEX. If your existing system's filter or other components are compatible with PureBallast 3, they can even be reused to lower your investment.

Schedule a free onboard survey

Get a full assessment of your existing BWMS and recommendations to ensure compliance. Our experts will help you find the best, most cost-effective solution to the issues you face.

