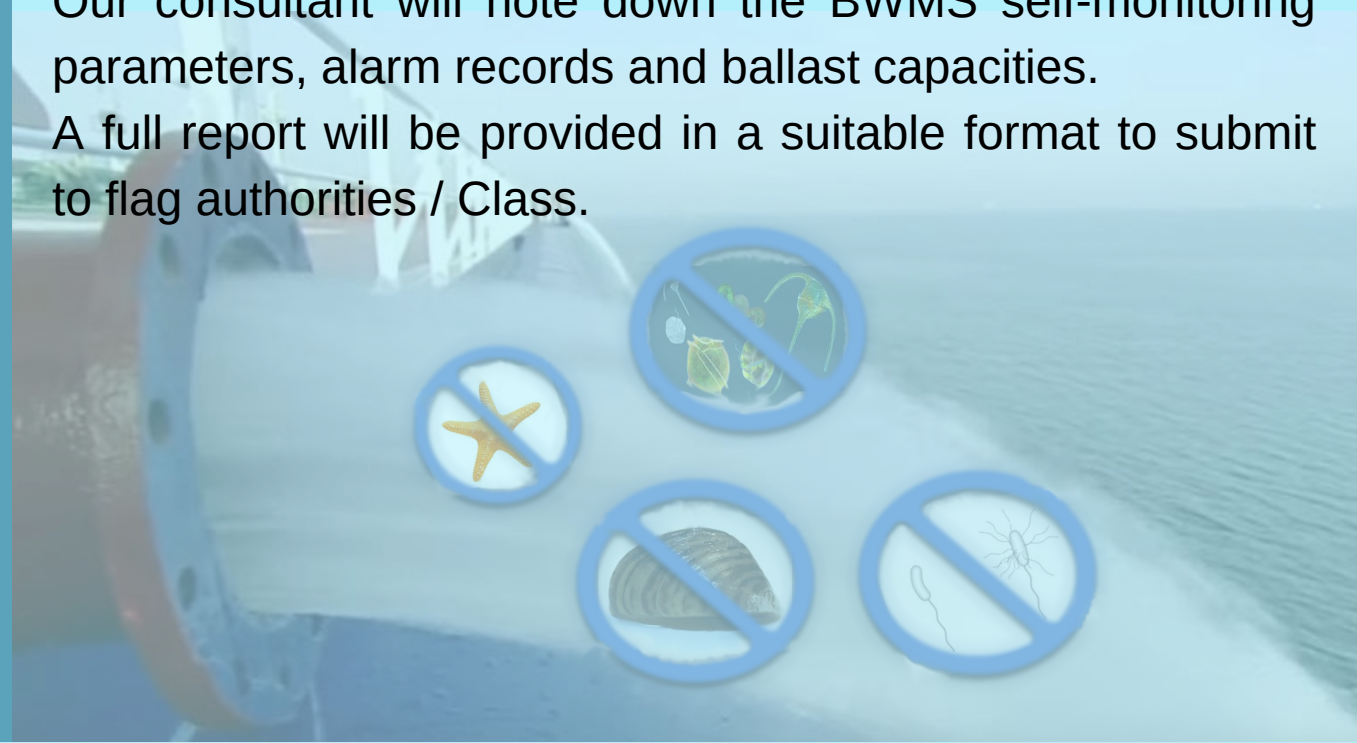


## COMMISSIONING TESTING REQUIREMENTS

Two sampling events will be required for the commissioning. One sample grab sample from source water and one at the discharge of ballast water after treatment.

Both samples to be analysed in accordance with Discharge Standards of Regulation D-2. Uptake sample will also be analysed for the BWMS's System Design Limitation (SDL). Our consultant will note down the BWMS self-monitoring parameters, alarm records and ballast capacities.

A full report will be provided in a suitable format to submit to flag authorities / Class.



## COMMISSIONING TESTING OF BALLAST WATER

Sampling has to be conducted at the commissioning of BWMS in accordance with IMO requirements  
BWM.2/Circ 70 rev.1  
Guidance for the commissioning testing of BWMS.

BWM.2/Circ 70 rev.1 state commissioning testing is to validate the installation of a ballast water management system (BWMS) by demonstrating that its mechanical, physical, chemical and biological processes are working properly''

## ANALYSIS OF SAMPLES

Samples that require analysis immediately are conducted on board by the BMS consultant using indicative analysis methods. If detailed analysis is required it will be analysed onboard or in the laboratory within the stipulated time.

### Additional Services

Our consultant can provide following sampling service at the same visit (with cost of analysis only).

- US Vessel general Permit (VGP) ballast water, bilge water, grey water and scrubber discharge.
- Potable water to WHO standard



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## BIOMARINE SERVICES

*Improving Sea Life*

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