

All vessels have to comply with the Ballast Water Discharge standard in accordance with the International Convention for the control and management of ships' ballast water and sediments, 2004 (IMO BWM/CONF/36). Your installed Ballast Water Management System (BWMS) should have Type Approval and further has to be commissioned after installation. Although not required for all flag states yet, a number insist on commissioning prior to use. This will be followed by all flag states soon.

Purpose of the commissioning test is to validate the proper installation of your BWMS by demonstrating that its mechanical, physical, chemical and biological processes are working properly. An operational test, including biological analyses, is always required following installation of the BWMS (MEPC BWM.2/Circ.70).

This is further laid down for the Initial and Special Survey and the Intermediate Survey in Annex 4 of the HSSC Guidelines A 30/Res.1120. At discharge, your vessel should always meet the D-2 standard.

MEA-nl can take care of all ballast water testing, including biological commissioning on board of your vessel. In general, we conduct tests in the harbours in the range of Antwerp – Rotterdam – Bremen – Hamburg, but can travel also worldwide.



We have years of experience with Type Approval tests and Commissioning of different types of vessels and ballast water systems and worked with several national administrations and classification societies.

The samples will be taken and analysed in our laboratory, certified in accordance with the ISO-9001:2015 standard. MEA-nl also holds an ISO 17025 accreditation by the Dutch accreditation Council (RvA). Details can be found at www.rva.nl under registration L-632. Analyses on *V.Cholerae* are conducted by a third party laboratory.

To serve your needs, we may also often combine Commissioning with a VGP test as per US regulations.

We employ a committed team, ready to travel to your vessel 24/7. Schedule your commissioning in time and let MEA-nl use their expertise to relieve you of your concern.

www.mea-nl.com/commissioning