



KOREAN REGISTER  
TECHNICAL  
INFORMATION

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**Subject : Commissioning Test of BWMS for Cyprus flagged ships**

The BWM Convention(International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004. hereinafter BWM Convention), formally adopted in 2004, is the international measures to prevent and minimize the risk from spread of harmful and invasive aquatic species transferred from ships ballast water and entered into force on 8 September 2017.

MEPC 74 (May, 2019) approved the draft amendments to regulation E-1.1 and E-1.5 of the Ballast Water Management Convention (BWM Convention) which require the installed ballast water management system (BWMS)<sup>1)</sup> to undergo a commissioning test during the initial or additional ballast water management survey, and the purpose of this test is to verify that the mechanical, physical, chemical and biological processes of the installed BWMS are working properly, taking into account guidelines<sup>2)</sup> developed by the Organization.

In this regard, Cyprus administration recently issued Circular No.20/2019 stipulating that the commissioning test shall be carried out for BWMS installed on board at Cyprus flagged ships on or after 1<sup>st</sup> Jan. 2020.

This information is relating to the Cyprus` instruction for commissioning test of BWMS as below and attachment, and we would like to ask to ship owners with Cyprus flagged ships, builders, test facilities for ballast water and all related stakeholders to pay full attention to implement this instruction accordingly.

1) In accordance with regulation B-3 of the BWM Convention, ships constructed on or after 8 September 2017 shall comply with D-2 standard by installing BWMS onboard, and ships constructed before 8 September 2017 shall comply with D-2 standard by installing BWMS by the IOPP renewal survey on or after 8 September 2019.

2) BWM.2/Circ.70 : Guidance for the commissioning testing of ballast water management systems

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1. The Ballast Water Management Systems (“BWMS”) which are planned for installation on a Cyprus flagged ship from 1/1/2020 are inspected in the scope of commissioning the BWMS in accordance with the guidance provided by BWM 2./Circ. 70. The commissioning tests will be performed as a part of the installation process, simultaneously with the installation of the system by surveyors of Recognised Organisations (“ROs”) empowered by the administration to perform inspections on board Cyprus flagged ships. No further authorisation is needed. Exemptions for postponing of the test may be granted on a case by case basis by the administration e.g. in cases of non-availability of a laboratory, and the request must originate from the RO.
2. An International Ballast Water Management Certificate indicating compliance to Regulation D-2 of the Annex to the BWMC will not be issued or endorsed until the completion of the commissioning test with satisfactory results.
3. The commissioning test is not aiming to verify the Type Approval Certificate of a BWMS. However, in case that, the attending surveyor identifies discrepancies on the components of the system or its performance related to the items inspected in the scope of the issuance of a Type Approval Certificate, the attending surveyor must consult the administration for guidance.
4. The sampling water collecting and analysing process will be taken from an ambient environment within the system design limitations (SDL). The analysis standard accepted is an indicative analysis with direct measurement as listed in BWM.2/Circ. 42/Rev. 1. The laboratory used should be accredited with ISO standard as applicable.
5. The commissioning of the system will be considered as successful if the operational test is successful and the indicative analysis report is evidencing the performance of the system to be in conformity with the values listed in Standard D-2 of the Annex of the BWM Convention. A copy of the report should be kept on board. No reporting is needed to be submitted to this office unless requested.
6. All actions related to the commissioning test should be recorded in the Ballast Water Management Book.

– The end –

Attachment : Circular No.20/2019 – 1 copy

Distributions : KR surveyors, Ship owners, Ship builders, Other stakeholders

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