

Guidelines for Approval of Ballast Water Management Systems (G8)

Amended Rules and Guidance

Rules for Ballast Water Management Installations
Guidance for the Classification and Registry of Ships
Guidance for Ballast Water Management Installations
Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

Reason for Amendment

Per the “International Convention for the Control and Management of Ships’ Ballast Water and Sediments” issued on 8 September 2017, all ballast water management systems installed on board ships are required to be approved by their respective flag state administrations in accordance with the “Guidelines for Approval of Ballast Water Management Systems (G8)”.

At the 66th session of the Marine Environment Protection Committee (MEPC66) held in March 2014, it was pointed out by the International Association of Independent Tanker Owners (INTERTANKO) and others that certain ballast water management systems approved under the current G8 guideline might have difficulty satisfying IMO’s Ballast Water Performance Standards depending upon their usage environment; therefore, a strengthening of the guideline was proposed. As a result of deliberations at the IMO, an amendment to the “Guidelines for Approval of Ballast Water Management Systems (G8)” was adopted as IMO Resolution MEPC.279(70) at the 70th session of the Marine Environment Protection Committee (MEPC70) held in October 2016. Furthermore, the IMO adopted an amendment to the “Ballast Water Exchange (G6)” as IMO Resolution MEPC.288(71) at the 71st session of the Marine Environment Protection Committee (MEPC71) held in July 2017.

Accordingly, the relevant requirements and guidelines were amended in accordance with IMO Resolutions MEPC.279(70) and MEPC.288(71).

Outline of Amendment

The main contents of this amendment are as follows:

- (1) Specified requirements related to system design limitations (SDL) and new salinity range, etc. in the approval standards for ballast water management systems.
- (2) Specified ballast water management systems installed on or after 28 October 2020 are required to be approved by the revised G8.
- (3) Specified other relevant requirements as follows:
 - (a) Amended the resolution number for the “Guideline for Ballast Water Exchange (G6)”.
 - (b) Amended requirements related to surveys, including the submission of plans and documents.
 - (c) Deleted the class notation “BWTS” which is affixed to the classification characters in accordance with the survey application.

Amended Requirements

Rules for Ballast Water Management Installations
Part 1: 2.1.1

Part 2: 2.1.2, 2.1.3, 2.1.5, 3.2.2, 3.3.2, 3.3.3

Part 3: 2.2, 3.3, 3.4

Guidance for Ballast Water Management Installations

Part 3: 3.3

Guidance for the Classification and Registry of Ships

2.1.3, 2.2, Appendix 1

Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use

Part 2: 11.1.1, 11.1.2, 11.2.2, 11.3.2, 11.3.3, 11.3.4, 11.4.1, 11.4.2, 11.4.3, 11.4.4, 11.4.5, 11.4.6, 11.4.7, 11.5.3, 11.5.4, 11.5.5, 11.5.6, 11.5.7, 11.5.8, 11.6.1, 11.6.2