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# KR

KOREAN REGISTER OF SHIPPING

## TECHNICAL INFORMATION

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### Subject : Permanent Ballast Water in relation to the implementation of BWM Convention

The International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004 will enter into force on 8 September 2017, all ships to which BWM Convention applies shall carry out ballast water exchange in accordance with Reg.D-1 of the Convention on or after the date of entry into force of but before the first IOPP renewal survey.

But, for some ships, a case where the ballast water exchange in compliance with Reg.D-1 of the Convention would be impractical according to the ship type and operating area, etc, those ships are required to install the BWMS onboard in order to comply with the ballast water performance standard referred in Reg.D-2 of the Convention by the date of entry into force of the Convention. Otherwise, those ships may be excepted from the Convention through the conversion to the permanent ballast water system.

In this regard, we would like to provide the matter on the permanent ballast water in relation to the implementation of BWM Convention, please be informed the details of above accordingly.

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#### 1. The relevant regulations of BWM Convention

1.1 In accordance with Article 1.2 of the Convention, 'Ballast Water' means water with its suspended matter taken on board a ship to control trim, list, draught, stability or stresses of the ship.

1.2 In accordance with Article 1.3 of the Convention, 'Ballast Water Management' means mechanical, chemical, and biological processes, either singularly or in

combination, to remove, render harmless, or avoid the uptake or discharge of Harmful Aquatic Organisms and Pathogens within Ballast Water and Sediments.

1.3 In accordance with Article 1.12 of the Convention, 'ships' means a vessel of any type whatsoever operating in the aquatic environment and includes submersibles, floating craft, floating platforms, FSUs and FPSOs.

1.4 In accordance with Article 3.2 of the Convention, this Convention shall not apply to:

- ships not designed or constructed to carry Ballast Water;
- ships of a Party which only operate in waters under the jurisdiction of that Party;
- any warship, naval auxiliary or other ship owned or operated by a State and used, for the time being, only on governmental non-commercial service;
- ships with permanent Ballast Water in sealed tanks only, that is not subject to discharge.

## 2. Conversion to the Permanent Ballast Water

2.1 In accordance with paragraph 1.4 above, the ships with permanent ballast water that is not subject to discharge may be excepted from the application of this Convention. So as to apply the permanent ballast water, the following conditions shall be met, but not limited to:

- Ballast water tanks which are filled with the water taken onboard a ship to control trim, list, draught, stability or bending moments shall be duly sealed with a view to preventing discharge of ballast water into sea or port area at all times, but inner circulation between the ballast water tanks is allowed;
- The requirements on trim, list, draught, stability or bending moments of the ship shall be met under the sealed tank condition;
- The subject ship is required to comply with the reduced amount of cargoes to be transported due to the application of permanent ballast water;
- The piping arrangements or facilities related with the ballast water system onboard shall be maintained under the out of use, etc.

2.2 Technical reviews and plan approvals shall be carried out in advance so as to apply the permanent ballast water system. After plan approval, subject to the satisfactory results of the survey, a statement of fact specifying that a subject ship is suitable for the operation with permanent ballast water system will be issued by a local surveyor.

2.3 For the technical reviews and plan approvals on the permanent ballast water, please contact to survey team of this classification society.

- Survey Team / Fas : 070)8799-8219 / E-mail : [survey@krs.co.kr](mailto:survey@krs.co.kr)

- The end -

Choi Jong-eun  
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