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Subject : Technical Information of BWMS for ship-owner and surveyor

Ballast Water Management Convention entered into force on 8th september 2017 and all of vessels applied by the Convention which choose regulation D-2 standard as ballast management measure is installing ballast water management system on board. However, there is no guidance clearly summarized considerations of ship type, voyage and the other matters. Therefore, Korean Register has published this guidance focused on characteristics of each BWMS type, considerations for retrofit, operation and maintenance and check point for survey that should be recognized by ship-owners including crews and surveyors. Please refer to the details as follows.

- Follows -

1. This Technical Information consists of three Chapters which are General of BWMS (Ch. 2), Considerations of BWMS for shipowners (Ch. 3) and Considerations of BWMS for surveyors (Ch. 4). We believe that it will be helpful to shipowners, referring Chapter 2 & 3 and to surveyors, referring Chapter 2 & 4.
2. In "Chapter 2 General", it will be used for references when crews and surveyors conduct operation and survey via introduction regarding requirements of the Convention and technical analysis for each type of BWMS. In addition, considerations for each ship type is summarized by referring IACS UR M74 and Part 9 of Rules of this Society and operation limitations of BWMS to be checked on board are summarized , based on experience of type approval of USCG and Korean Government.
3. In "Chapter 3 Considerations of BWMS for shipowners", core information regarding operation and maintenance is summarized, and further, the instances from the ships classified by this Society were surveyed and the results from analysis of the instances were summarized. Additionally, this guidance contains BWMS PSC Guide-lines to assist preparation of ships against PSC inspection.

However, this guidance does not contain problems from certain BWMS in instances of existing installation or one-off problems.

4. "Chapter 4 Considerations of BWMS for surveyors" addresses notifications, certification, guide and checklist for survey, and particularly, the examples are listed regarding performance testing which surveyors should spend a lot of time to understand.
5. Lastly, it shall be noted that the challenging issues identified in this guidance and some problems identified by shipowners may be able to be generally occurred from given type of BWMS, not a specific production or certain BWMS manufacturers.

Attachment -----(Technical Information of BWMS for ship-owner and surveyor)
- The end -

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Korean Register of Shipping

Distributions : Ship owners & Operators, Surveyors

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