



CIRCULAR

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To : All Surveyors and whom it may concern

No : 2023-4-E

Date : 2023. 4. 7

Subject	9.172 Notice for Amendments to KR Technical Classification Rules
Application	On or after 1 st July 2023 (Refer to Effective date for specified in Par.1)

1. Please be informed that 2023 Classification Technical Rules have been amended to reflect the Requests for Establishment/Revision of Classification Technical Rules as below, and you are kindly requested to apply these amendments on the relevant works.

= Below =

Classification Technical Rules	Effective date	Amendments
Guidance for Approval of Service Suppliers	On or after 1 st July 2023 (Date of which application for survey is submitted)	Reflected IACS UR Z17 (Rev.18 Feb 2022) : To delete the requirement for an ISO/IEC accreditation for service suppliers for BWMS Commissioning Testing etc.

2. Furthermore, please be informed that these amendments will be included in 2024 edition on Classification Technical Rules which will be published in the first half of 2024.

Attachments: Amended Guidance for Approval of Service Suppliers -- 1 copy. (The End)

Amended Guidance for Approval of Service Suppliers



April 2023

- Main Amendments -

(1) Effective date : 1 July 2023 (Date of which the application for survey is submitted)

● Reflected IACS UR Z17(Rev.18 Feb 2022)

Main Reason for Change:

- To delete the requirement for an ISO/IEC accreditation for service suppliers for BWMS Commissioning Testing

History of Decisions Made:

- ISO/IEC 17025 accreditation is for a specific analysis method and suitable for analyses carried out in accordance with an international standard method in a laboratory.
- However, for BWMS commissioning testing, the ballast water sampling and subsequent indicative analysis of the samples is carried out on board the ship and does not require any laboratory work.
- There are currently also no international standard methods for sampling and indicative analysis. As a result, accreditation bodies are currently not offering an ISO/IEC 17025 accreditation specific to sampling and indicative analysis of ballast water on board a ship.

Present	Amendments
<p style="text-align: center;">INTRODUCTION <omitted></p> <p>Appendix Part A – Approval of Service Suppliers listed in IACS UR Z17</p> <p>1. ~ 11. <omitted></p> <p>12. Firms engaged in measurements of Noise level Onboard Ships (Z17 Annex 1-14)</p> <p>12.1 ~ 12.3 <omitted></p> <p>12.4 Equipment</p> <p>(1) ~ (3) <omitted></p> <p>(4) Calibration Sound Calibrator and sound level meter shall be verified at least every two years by a national Standard laboratory or a competent laboratory accredited according to <u>ISO 17025(2005)</u>, as amended.</p> <p>A record with a complete description of the equipment used shall be kept, including a calibration log.</p> <p style="text-align: center;"><hereinafter, omitted></p>	<p style="text-align: center;">INTRODUCTION <same as the current Guidance></p> <p>Appendix Part A – Approval of Service Suppliers listed in IACS UR Z17</p> <p>1. ~ 11. <same as the current Guidance></p> <p>12. Firms engaged in measurements of Noise level Onboard Ships (Z17 Annex 1-14)</p> <p>12.1 ~ 12.3 <same as the current omitted></p> <p>12.4 Equipment</p> <p>(1) ~ (3) <same as the current omitted></p> <p>(4) Calibration Sound Calibrator and sound level meter shall be verified at least every two years by a national Standard laboratory or a competent laboratory accredited according to <u>ISO/IEC 17025:2017</u> ISO 17025(2005), as amended. <u>(2023)</u></p> <p>A record with a complete description of the equipment used shall be kept, including a calibration log.</p> <p style="text-align: center;"><hereinafter, same as the current Guidance></p>

Present	Amendments
<p>16. Firms engaged in Commissioning Testing of Ballast Water Management Systems (BWMS) (Z17 Annex 1-18) (2022)</p> <p>16.1 <omitted></p> <p>16.2 Procedure</p> <p>(1) ~ (2) <omitted></p> <p>(3) <u>Service Suppliers are to be accredited to relevant standards such as ISO/IEC 17025 or equivalent, as applicable.</u></p> <p>(4) Service Suppliers are to be independent of the BWMS manufacturer or supplier including shipyards.</p> <p>16.3 Operators <omitted></p> <p>16.4 Equipment and facilities</p> <p>Equipment, procedures and methods for detailed analysis, where applicable, are to be in accordance with relevant International standard and/or accepted Industry standards.</p> <p><u>Laboratories conducting sample enumeration are to be certified to ISO/IEC 17025 standard, or equivalent.</u></p> <p><hereinafter, omitted></p>	<p>16. Firms engaged in Commissioning Testing of Ballast Water Management Systems (BWMS) (Z17 Annex 1-18) (2022)</p> <p>16.1 <same as the current Guidance></p> <p>16.2 Procedure (2023)</p> <p>(1) ~ (2) <same as the current Guidance></p> <p>(3) Service Suppliers are to be accredited to relevant standards such as ISO/IEC 17025 or equivalent, as applicable.</p> <p>(4) Service Suppliers are to be independent of the BWMS manufacturer or supplier including shipyards.</p> <p>16.3 Operators <sane as the current Guidance></p> <p>16.4 Equipment and facilities (2023)</p> <p>Equipment, procedures and methods for detailed analysis, where applicable, are to be in accordance with relevant International standard and/or accepted Industry standards.</p> <p>Laboratories conducting sample enumeration are to be certified to ISO/IEC 17025 standard, or equivalent.</p> <p><hereinafter, same as the current Guidance></p>

Present	Amendments
<p>16.6 Reporting</p> <p>Service Suppliers are to provide reports detailing the results of sampling and analysis of ballast water and assessment of self-monitoring parameters during commissioning testing. The format is to be acceptable to Society.</p> <p>The report, as a minimum, will contain the following:</p> <p>(1) ~ (3) <omitted></p> <p>(4) <u>Operation required, e.g., ballasting, de-ballast, circulation, one pass, in tank, etc</u></p> <p>(5) Treatment rated capacity (TRC) in m3/h</p> <p>(6) Relevant performance parameters (e.g. TRO, UV dose, UVI, flow rate or other relevant performance parameter).</p> <p>(7) Alarms developed during operation.</p> <p><u>(8) Installation location.</u></p> <p><u>(9) Type Approval issued by and Certificate No</u></p> <p><u>(10) Date installed</u></p> <p><u>(11) Results of Sample analysis</u></p> <p><u>(12) Pump flow rate, ballast tanks and volume</u></p> <p><u>(13) Comments/Options</u> : Filter and other major components, Process measurements.</p> <p><hereinafter, omitted></p>	<p>16.6 Reporting <u>(2023)</u></p> <p>Service Suppliers are to provide reports detailing the results of sampling and analysis of ballast water and assessment of self-monitoring parameters during commissioning testing. The format is to be acceptable to Society.</p> <p>The report, as a minimum, will contain the following:</p> <p>(1) ~ (3) <same as the current Guidance></p> <p>(4) <u>BWMS treatment mode of operation, e.g., high power, low power, single pass, IMO mode, USCG Mode, etc</u> Operation required, e.g., ballasting, de-ballast, circulation, one pass, in tank, etc <u>(2023)</u></p> <p>(5) Treatment rated capacity (TRC) in m3/h</p> <p>(6) Relevant performance parameters (e.g. TRO, UV dose, UVI, flow rate or other relevant performance parameter).</p> <p>(7) Alarms developed during operation.</p> <p>(8) Installation location.</p> <p><u>(8)</u> (9) Type Approval issued by and Certificate No</p> <p>(10) Date installed</p> <p><u>(9)</u> (11) Results of Sample analysis</p> <p><u>(10)</u> (12) <u>Pump and ballast tanks used for the commissioning test, including the flow rates and volumes of the ballasting and deballasting operations</u> Pump flow rate, ballast tanks and volume <u>(2023)</u></p> <p><u>(11)</u> (13) Comments/Options : Filter and other major components, Process measurements.</p> <p><hereinafter, same as the current Guidance></p>