



TECHNICAL CIRCULAR No. 835 of 7th July 2024

To	All Surveyors/Auditors. All flags
Title	Use of Hydrogen as Fuel and Carriage of Liquefied Hydrogen in Bulk
Reference	IMO MSC

Use of Hydrogen as Fuel and Carriage of Liquefied Hydrogen in Bulk

The Committee adopted the revised Interim Recommendations for Carriage of Liquefied Hydrogen in Bulk (resolution MSC.565(108)). These recommendations are intended to provide the basis for future minimum requirements for liquefied hydrogen cargoes, and they will be used to facilitate the establishment of a tripartite agreement among the relevant Administrations for the carriage of liquefied hydrogen in bulk under the International Code of the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (IGC Code). The revised recommendations introduce additional minimum requirements for cargo containment systems of independent cargo tanks using vacuum insulation, or insulation materials and hydrogen gas in the inner insulation spaces. In order to incorporate emerging technologies in liquefied hydrogen cargo containment systems, the output on "Revision of the Interim recommendations for carriage of liquefied hydrogen in bulk" should be included in the provisional agenda for CCC 10, and the target completion year should be extended.

Also, new technologies and concepts would require specific regulations. There is a risk related to amending the existing tank concepts and requirements. In this regard, part F, paragraph 4.27 of the IGC Code concerning cargo containment systems of novel configuration, as well as appendix 5 of the Code, are applicable; and this issue should be further considered by the CCC Sub-Committee. After consideration, the Committee agreed to include the output on "Revision of the Interim recommendations for carriage of liquefied hydrogen in bulk" in the provisional agenda for CCC 10 and to extend the target completion year to 2026.

Sampling of Oil Fuel for Revised MARPOL Annex VI and SOLAS Chapter II-2

The Committee recalled that MSC 107 had invited MEPC 81 to concurrently approve the draft MSC-MEPC circular on guidelines for the sampling of fuel oil for determination of compliance with the revised MARPOL Annex VI and SOLAS chapter II-2. The joint MSC-MEPC circular aims to create a single sampling process for both conventions to obtain representative fuel samples delivered for use on board ships.

Noting that MEPC 81 had approved the draft circular, the Committee approved the Guidelines as well for the sampling of fuel oil for determination of compliance with MARPOL Annex VI and SOLAS chapter II-2 (MSCMEPC.2/Circ.18)



REFERENCES:

- IMO MSC 108

ATTACHMENTS: No

Kindest Regards,
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