



**TECHNICAL CIRCULAR No. 834 of 6<sup>th</sup> July 2024**

To	All Surveyors/Auditors. All flags
Title	<b>Methanol and Ammonia as Alternative Marine Fuels</b>
Reference	IMO MSC

**Methanol and Ammonia as Alternative Marine Fuels**

The Group also considered testing the use of methanol and ammonia as alternative marine fuels and noted that the IGF Code includes requirements for risk assessment, but no methodology is specified, and that there is not enough information at this stage to decide on the applicability of end-to-end operational risk assessments using established methodologies (HAZID/HAZOP). It also discussed plume dispersion modeling for emergency response planning on board ships and invited interested parties to submit more information at a future session for further elaboration and evaluation of both topics.

Finally, to progress the work intersessionally, the Committee re-established the Correspondence Group on "Development of a safety regulatory framework to support the reduction of GHG emissions from ships using new technologies and alternative fuels" and submit an interim report to MSC 109 in December 2

**Use of Ammonia Cargo as Fuel**

The Committee discussed progress made by the Working Group on draft amendments to the IGF and IGC Codes relevant to the use of ammonia cargo as fuel. The initial plan was to finalize the amendments at CCC 10, approve them at MSC 109 and adopt them at MSC 110 for enforcement on January 1, 2028. However, there were proposals to speed up the enforcement of a specific amendment to paragraph 16.9.2 of the IGC Code.

Taking into account the need to reduce GHG emissions from shipping, agreeing to the proposals was considered urgent because there is currently a specific prohibition in the IGC Code of the use of ammonia cargo as fuel. The amendments should apply to new and existing ships. Therefore, the Committee approved the amendments for adoption at MSC 109 (December 2024) and enforcement on July 1, 2026.

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REFERENCES:

- IMO MSC 108

ATTACHMENTS: No

Kindest Regards,  
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