



**TECHNICAL CIRCULAR No. 866 of 6<sup>th</sup> March 2025**

To	All Surveyors/Auditors. All flags
Title	<b>Carbon Capture and Storage</b>
Reference	LCA Guidelines

**Carbon Capture and Storage**

The ISWG-GHG 16 had invited the Committee to consider the development of a work plan on the development of a regulatory framework for the use of onboard CO<sub>2</sub> capture, with the exception of matters related to captured CO<sub>2</sub> accounting and system boundaries of the LCA Guidelines in relation to onboard CO<sub>2</sub> capture, which will be considered in the further development of the LCA Guidelines. During discussion, several elements were mentioned such as:

- Review of the existing IMO regulatory framework in a structured manner to identify existing instruments to be amended and potential additional guidelines.
- How to incorporate onboard carbon capture in the Organization's safety and environmental regulatory framework including possible options for testing, survey, and certification of onboard carbon capture systems.
- Review the status of technological development of onboard carbon capture applications.
- Consider the energy consumption of onboard carbon capture units, the overall net GHG balance and the transfer of captured material and its impact onshore.
- Reflection of carbon capture in existing IMO instruments such as EEDI, EEXI and CII.
- The need for a certificate to certify the captured carbon and possible development of a carbon delivery note.
- The effect of carbon capture on other pollutants.

The Committee agreed on establishing a Correspondence Group that will further consider issues related to onboard carbon capture and develop a work plan on the development of a regulatory framework for the use of onboard carbon capture systems with the exception of matters related to accounting of CO<sub>2</sub> captured onboard ships and submit a written report to MEPC 83.

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REFERENCES:

- LCA Guidelines

ATTACHMENTS: No

Kindest Regards,  
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