



TECHNICAL INFORMATION

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Subject: Guidance on the Application on Inclusion of Data on Enhanced Granularity in the IMO Ship Fuel Consumption Database (Rev.1)

This document provides technical information on the application of the amendments to MARPOL Annex VI Appendix IX (Resolution MEPC.385(81)), which introduce data on transport work and enhanced granularity to the IMO Data Collection System (DCS).

1. Background

In accordance with Regulation 27 of MARPOL Annex VI, as of 1 January 2019, all ships of 5000 gross tonnage and above shall collect annual fuel oil consumption data as stipulated in Appendix IX, using the methodology outlined in the Ship Energy Efficiency Management Plan (SEEMP) Part II. This data shall be reported to the Administration or an authorized verification body within three months after the end of each calendar year.

IMO Marine Environment Protection Committee (MEPC), at its 81st session, agreed to enhance the granularity of the collected data to improve its utility for future regulatory development and adopted the amendments to Appendix IX (Resolution MEPC.385(81)).

Additionally, in support of these amendments, the Guidelines for the Development of SEEMP (Resolution MEPC.388(81), as amended by MEPC.395(82)) and the Guidelines for Administration Verification (Resolution MEPC.389(81)) were revised. MEPC 82 also approved the Guidance on the Application, providing relevant interpretations (MEPC.1/Circ.913).

The amendments to the Convention will enter into force on 1 August 2025. Therefore, please refer to the requirements, application timeline, and actions to be taken as outlined in this technical information.

Summary of the changes of the data to be collected (Appendix IX)	
Before	After
Fuel oil consumption, by fuel oil type	(unchanged)
(added)	<u>Fuel oil consumption by fuel oil type per consumer type:</u> <u>Main Engine, Aux. Engine, Fired Boiler, Others</u>
Distance travelled	(unchanged)
(added)	<u>Laden distance travelled (voluntary)</u>
Hours under way	(unchanged)
(added)	<u>Total amount of onshore power supplied</u>
For ships to which Reg. 28 of MARPOL Annex VI applies:	
(added)	<u>Total transport work</u>
Applicable CII: AER, cgDIST Required annual operational CII Attained annual operational CII (before/after any correction)	(unchanged)
(added)	<u>Installation of innovative technology, if applicable:</u> <u>A, B-1, B-2, C-1, C-2 (refer to MEPC.1/Circ.896)</u>
Operational carbon intensity rating: A, B, C, D, E CII for trial purpose(voluntary): EEPI, cbDIST, cIDIST, EEOI	(unchanged)

2. Application timeline

- (1) In accordance with Resolution MEPC.385(81), adopted at MEPC 81, the amendments to the Convention will be effective from 1 August 2025. Additionally, Parties are invited to apply early implementation starting from 1 January 2025.
- (2) MEPC 82 further discussed the application timeline for the collection of granular data and agreed that data collection should be based on the calendar year, depending on whether <early implementation> is applied (MEPC.1/Circ.913).
 - Early implementation applied: Data collection starts from 1 January 2025
 - Early implementation **NOT** applied: Data collection starts from 1 January 2026
- (3) The application of early implementation is subject to the instructions of the flag Administration. The following are the identified instructions from flag Administrations regarding early implementation:

Flag Administration	Early Implementation (1 January 2025)
Argentina	Mandatory
Bahamas	<u>Recommended (voluntary)</u>
Denmark	Mandatory
Liberia	Recommended (voluntary)
Marshall Islands	Recommended (voluntary)
Panama	Recommended (voluntary)
St. Kitts and Nevis	<u>Recommended (voluntary)</u>

3. Actions to be taken

- (1) Ships subject to <mandatory application> according to the above flag instructions, as well as those voluntarily opting for <early implementation>, should start collecting granular data from **1 January 2025**. Ships not opting for early implementation should start collecting granular data from **1 January 2026**.
- (2) Prior to implementation on board, the revised methodology outlined in the Guidelines for the Development of SEEMP (Res. MEPC.388(81) as amended by MEPC.395(82)) should be incorporated in the ship's SEEMP Part II. Then, approval of the updated SEEMP, along with a Confirmation of Compliance (CoC) should be obtained from the verification body.
- (3) For further detailed inquiries regarding the revision and approval of SEEMP Part II, please contact the KR Green Ship Technology Team at krgst@krs.co.kr. - End -

Attachment

1. Amendment to MARPOL Annex VI (Res.MEPC.385(81))
2. Guidelines for the Development of SEEMP (Res.MEPC.388(81), as amended by 395(82))
3. Guidelines for Administration Verification (Res.MEPC.389(81))
4. Guidance on the Application (MEPC.1/Circ.913)

Distributions: KR surveyors, Shipowners, and Other Relevant Parties

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