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To: Relevant shipowners, ship management companies, shipyards and designers, product manufacturer, related departments of the Headquarters of CCS, the Society's surveyors, Plan Approval Centers

## Technical Notice on Resolutions/Circulars Adopted/Approved by

### IMO MEPC 81

The Marine Environment Protection Committee of the International Maritime Organization, at its 81<sup>st</sup> session, adopted 9 MEPC resolutions including Amendments to the BWM Convention (Use of electronic record books) (MEPC.383(81)), Amendments to MARPOL Annex VI (MEPC.385(81)), 2024 Guidelines as Required by Regulation 13.2.2 of MARPOL Annex VI in Respect of Non-identical Replacement Engines not Required to Meet the Tier III Limit (MEPC.386(81)), Amendments to the 2022 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP) (Resolution MEPC.346(78)) (MEPC.388(81)) and 2024 Guidelines on Life Cycle GHG Intensity of Marine Fuels (MEPC.391(81)). In addition, 5 MEPC circulars were approved, i.e. Unified Interpretations to MARPOL Annex VI (MEPC.1/Circ.795/Rev.9), Guidance for the Temporary Storage of Treated Sewage and/or Grey Water in Ballast Water Tanks (BWM.2/Circ.82), Format for Reporting to the Organization Uses of a Power Reserve (MEPC.1/Circ.908), etc.

For summary, please refer to the attached List of resolutions/circulars adopted/approved by IMO MEPC 81. The original English and translation into Chinese (The original English shall prevail in case of any doubt) will be made public at the column Technical Service/IMO Resolution & Circular on CCS website ([www.ccs.org.cn](http://www.ccs.org.cn)) .

This Notice is made public on CCS website ([www.ccs.org.cn](http://www.ccs.org.cn)), and is to be notified to relevant ship owners, ship management companies, shipyards, marine product manufacturers by CCS survey units within their responsible areas. Please contact the Technology & Information Department of CCS for any inquiry in this regard( E-mail address: [ti@ccs.org.cn](mailto:ti@ccs.org.cn)).

Annex: List of resolutions/circulars adopted/approved by IMO MEPC 81

## Annex

### List of resolutions/circulars adopted/approved by IMO MEPC 81

NO.	Provision	Relevant document	Mandatory	Effective/ approval date	Ship type	Ship size	Ship date	Summary of IMO requirements
1	Amendments to the BWM Convention (Use of electronic record books)	MEPC.383(81)	Yes	Adopted on 2024.3.22 Effective on 2025.10.1	Any ship	Any size	Any date	Adding the definition of electronic record books and revising the relevant provisions of ballast water record books to allow the use of electronic record books.
2	Amendments to Protocol I of MARPOL (Reporting Procedures of the Loss of Containers)	MEPC.384(81)	Yes	Adopted on 2024.3.22 Effective on 2026.01.01	Container cargo ship	Any size	Any date	Adding a provision to the reporting procedure in Regulation 5 to define that in the event of loss of freight containers at sea, the required reports shall be submitted in accordance with the provisions of SOLAS Reg. V/31 (Danger messages) and Reg. V/32 (Information required in danger messages).
3	Amendments to MARPOL Annex VI	MEPC.385(81)	Yes	Adopted on 2024.3.22 Effective on 2025.08.01	Any ship	Any size	Any date	The main revisions include the sampling ports for low-flash point fuels and other fuel oil related issues, marine diesel engines replacing steam system, accessibility of IMO DCS data and inclusion of data on transport work and enhanced granularity in the IMO DCS. Considering the integrity of CII data, it is recommended to implement the IMO DCS amendment in Appendix IX of MARPOL Annex VI in advance from January 1, 2025.
4	2024 Guidelines as Required by Regulation 13.2.2 of MARPOL Annex VI in Respect of Non-identical	MEPC.386(81)	No	Adopted on 2024.3.22 To be implemented after release	Any ship	Any size	Any date	Revising the 2013 Guidelines (MEPC.230 (65)) to supplement marine diesel engines replacing steam system, and developing a template for information to be provided to IMO by the Administration which accepts that the installation of a Tier III non-identical replacement engine was not feasible and accordingly a Tier II engine has been installed so as to comply

	Replacement Engines not Required to Meet the Tier III Limit							with the implementation of the Amendments to MARPOL Annex VI (MEPC.385 (81)). Inviting the Administration that has found it impractical to install the Tier III NOx limit engines before August 1, 2025, to use the template specified in the appendix of the Guidelines to notify IMO of the relevant decision. Replace the 2013 Guidelines (MEPC.230 (65)).
5	Interim Guidance on the Application of the BWM Convention to Ships Operating in Challenging Water Quality Conditions	MEPC.387(81)	No	Adopted on 2024.3.22 To be implemented after release	Any ship	Any size	Any date	Providing guidance on how to comply with the requirements of the BWM Convention when ships are operated in challenging water quality conditions, including guidance to the Administrations, port State control (PSC), BWMS manufacturers, etc. Meanwhile, the BWMS manufacturers are called on to develop products that may response to the challenging water quality. Ships and shipyards shall invest in more suitable and reliable BWMS, and ships shall handle challenging water quality as much as possible and consider bypass measures as the final choice.
6	Amendments to the 2022 Guidelines for the Development of a Ship Energy Efficiency Management Plan (SEEMP) (Resolution MEPC.346(78))	MEPC.388(81)	No	Adopted on 2024.3.22 To be implemented after release	Any ship	5000GT and above	Any date	The revision mainly focuses on the measurement methods, navigation distance, shore power supply, transportation power, etc. of fuel consumption for different equipment in Section 7, Part II of SEEMP. The fuel consumption of different equipment can be obtained through flow meters, fuel tank monitoring, and other methods such as subtraction and evaluation; Laden distance should be calculated as the distance sailed when the ship is loaded; The onshore power supply shall be recorded; Total transport work for each ship is specified.
7	Amendments to the 2022 Guidelines for Administration verification of Ship Fuel Oil Consumption Data and	MEPC.389(81)	No	Adopted on 2024.3.22 To be implemented after release	Any ship	5000GT and above	Any date	The format of data collection sample in Appendix 2 has been modified, adding information on the transported cargoes and fuel consumption data collection and record for different equipment (main engine, auxiliary engine, boiler, etc.).

	Operational Carbon Intensity (Resolution MEPC.348(78))							
8	Amendments to the 2021 Guidelines on the Shaft/Engine Power Limitation System to Comply with the EEXI Requirements and Use of a Power Reserve (Resolution MEPC.335(76)), as Amended by Resolution MEPC.375(80))	MEPC.390(81)	No	Adopted on 2024.3.22 To be implemented after release	EEXI applicable ship type	400GT and above	Any date	Further detailed provisions are made on the requirements for the use of reserve power by ships in emergency cases, including the requirement for control units independent of engine automation for calculation and limitation of the power transmitted by the shaft to the propellers, the new added documents described in the appendices to Recommendations on the Provision and Display of Manoeuvring Information On Board Ships (Annex, Resolution A.601 (15)), for the scenarios which will endanger the safety of ship, shall be updated to include the manoeuvring characteristics of the ship when the ship has all shaft and engine power available, and when shaft or engine power has been limited.
9	2024 Guidelines on Life Cycle GHG Intensity of Marine Fuels	MEPC.391(81)	No	Adopted on 2024.3.22 To be implemented after release	Any ship	Any size	Any date	Revisions are made on the basis of MEPC.376 (80) (LCA Guidelines), mainly including the calculation methods for parameters related to the upstream end of biofuels, two parameters of direct land use change and land improvement management, accounting methods for post-processing systems and ship electricity use, and accounting methods or principles for related emission factors. The data collection template for default values has also been revised.
10	Unified Interpretations to MARPOL Annex VI	MEPC.1/Circ.795/Rev.9	No	Adopted on 2024.3.22 To be implemented after release	(1) LNG carriers, cruise ships, ro-ro passenger ships, ro-ro cargo ships (vehicle	400GT and above	(1) Delivered on or after September 1, 2019 (2) Newbuilding constructed	Providing a unified interpretation of 2.2.1, 2.2.18 and 2.2.15 of MARPOL Annex VI, including clarifications on the EEDI requirements applicable to 5 ship types: LNG carriers, cruise ships, ro-ro passenger ships, ro-ro cargo ships (vehicle carriers), and ro-ro cargo ships, as well as clarifications on the definition of heavy cargo ships.

					carriers), and ro-ro cargo ships; (2) Heavy cargo ship		after the circular takes effect	
11	Format for Reporting to the Organization Uses of a Power Reserve	MEPC.1/Circ.908	No	Adopted on 2024.3.22 To be implemented after release	EEXI applicable ship type	400GT and above	Any date	Providing a format for reporting to the Organization uses of a power reserve
12	Recommendations for the Carriage of Plastic Pellets by Sea in freight Containers	MEPC.1/Circ.909	No	Adopted on 2024.3.22 To be implemented after release	Container cargo ships	Any size	Any date	To reduce the environmental risks of plastic pellets carried by ships, the plastic pellets shall be packed in good quality packaging which shall be strong enough to withstand shocks and loading and prevent any loss of contents; Transport information shall clearly identify; Freight containers containing plastic pellets shall be properly stowed and secured and they shall be stowed under deck or inboard in sheltered areas of exposed decks.
13	Formats for Mandatory Reporting under Article 12 of the Hong Kong Convention	MEPC.1/Circ.910	No	Adopted on 2024.3.22 To be implemented after release	Any ship	500 GT and above	Any date	Adding the Hong Kong Convention module to the IMO GISIS system; Inviting contracting parties to submit information on scrapping yard and two annual lists of ships to IMO in accordance with the requirements of the convention.
14	Guidance for the Temporary Storage of	BWM.2/Circ. 82	否	Adopted on 2024.3.22	Any ship	Any size	Any date	Providing guidance for temporary storage of grey water or treated sewage in ballast tanks for ships in certain water areas where grey water or

	Treated Sewage and/or Grey Water in Ballast Water Tanks			To be implemented after release				treated sewage is discharged normally, mainly including basic requirements, control measures, ballast water management plan and the recommendations on ballast water record book.
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Note: In the column "Mandatory", "Yes" = mandatory; "No" = guidance;

In the columns "Ship size" and "Ship date", "L" = load line length; "LBP"=length between perpendiculars;

In the column "Ship date", "Any date"= applicable to ships built at any time; "K" = date of keel laying; "B" = date of construction; "D"= date of delivery; "C" = date of contract for construction.