
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 by Adopted/Approved at IMO MEPC 84

The Marine Environment Protection Committee of the International Maritime Organization (IMO), at its eighty-fourth session (MEPC 84), adopted MEPC resolutions including Amendments to MARPOL Annex VI, 2026 Guidelines for ballast water management and development of Ballast Water Management Plans (G4), Amendments to the 2022 Guidelines on the method of calculation of the attained Energy Efficiency Design Index (EEDI) for new ships, 2026 Guidelines on survey and certification of the Energy Efficiency Design Index (EEDI), Amendments to the 2022 Guidelines on operational carbon intensity indicators and the calculation methods (CII Guidelines, G1), Amendments to the 2024 Guidelines for the development of a Ship Energy Efficiency Management Plan (SEEMP), etc. In addition, several MEPC circulars were approved, including Unified interpretation of BWM convention, Unified interpretation of MARPOL Annex VI, and Revised interim guidance on the use of biofuels under regulations 26, 27 and 28 of MARPOL Annex VI (DCS and CII), etc.

For summary, please refer to the attached List of resolutions/circulars adopted/approved by IMO MEPC 84. The original English version and a translation into Chinese of those Resolutions/Circulars (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).

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

Annex- List of resolutions/circulars by adopted/approved at IMO MEPC 84.

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No.	Relevant document	Provision	Date of adoption	Effective date	Ship type	Ship size	Ship date	Mandatory	Retrospective requirements	Summary of IMO requirements
1	MEPC.407(84)	Amendments to MARPOL Annex VI (Clarification of entries in data reporting required by regulations 27 and 28, designation of the North-East Atlantic as an Emission Control Area for Nitrogen Oxides, Sulphur Oxides and Particulate Matter, accessibility to the IMO Ship Fuel Oil Consumption Database, and review clause of the short-term GHG reduction measure)	2026.05.01	2027.09.01	Any ship	NOx emission control: ships fitted with diesel engines having a single output power of over 130KW; SOx/PM emission control: any ship; Data report and fuel oil consumption database: ships of 400 GT and over	Any date	Yes	Yes	Designation of the North-East Atlantic as an Emission Control Area for Nitrogen Oxides, Sulphur Oxides and Particulate Matter; Revising the requirements of accessibility to the IMO Ship Fuel Oil Consumption Database, and clarifying differentiated access levels for flag States, Contracting Parties, the public and shipping companies; Clarification of entries in data reporting required by regulations 27 and 28.

2	MEPC.408(84)	Amendments to MARPOL Annex VI (Use of multiple engine operational profiles for a marine diesel engine, including clarifying engine test cycles)	2026.05.01	2027.9.1	Any ship	NOx : ships fitted with diesel engines having a single output power of over 130KW	Any date	Yes	Yes	Revising the supplement to IAPP certificate to add requirements of the checkbox for NTC 8 (Multiple Engine Operational Profiles); The full text of appendix II Test cycles and weighting factors is replaced to clarify test cycle requirements for engines with fixed pitch propeller (E3), engines with controllable-pitch propeller/electric propulsion (E2), constant speed engine (D2) and variable-speed engine (C1).
3	MEPC.409(84)	2026 Guidelines for ballast water management and development of Ballast Water Management Plans (G4)	2026.05.01	From effective date of Amendments to the BWM Convention	Any ship	Any size	Any date	No	Yes	Harmonized revision in accordance with approved draft amendments to the BWM Convention to comply with revised regulation B-1.

4	MEPC.410(84)	Amendments to the 2022 Guidelines on the method of calculation of the attained Energy Efficiency Design Index (EEDI) for new ships	2026.05.01	To be implemented from date of release	Ship type to which EEDI is applicable	400GT and over	Any date	No	No	Supplementing the calculation methods for C_f factor of other dual fuel engines, such as methanol and ethanol engines, and specifying that both P_{ME} and SFC_{ME} should be determined based on the MCR certified in accordance with the NOx Technical Code 2008.
5	MEPC.411(84)	2026 Guidelines on survey and certification of the Energy Efficiency Design Index (EEDI)	2026.05.01	To be implemented from date of release	Ship type to which EEDI is applicable	400GT and over	Any date	No	No	Supplementing verification requirements for C_f factor and SFCs of other dual fuel engines, such as methanol and ethanol engines; Indicating that the low calorific value for other fuels rather than those included in this Guidelines, should be taken from the 2022 EEDI Calculation Guidelines (resolution MEPC.364(79), as amended), where available.

6	MEPC.412(84)	Amendments to the 2022 Guidelines on operational carbon intensity indicators and the calculation methods (CII Guidelines, G1)	2026.05.01	To be implemented from date of release	Ship type to which CII is applicable	5000GT and over	Any date	No	No	It is specified that the calculation methodology for transport work remains the same prior to the revision of the CII Calculation Guidelines. Data on distance travelled and actual transport work reported under the enhanced granularity of the IMO DCS may be considered for analytical purposes during the phase 2 of the review of the CII framework.
7	MEPC.413(84)	Amendments to the 2024 Guidelines for the development of a Ship Energy Efficiency Management Plan (SEEMP)	2026.05.01	To be implemented from date of release	Any ship	Over 400GT	Any date	No	No	It is specified that total distance travelled for the calendar year includes the distance while the ship is under way and is not under way, which is consistent with the calculation method in the CII calculation guidelines. Two rows "While the ship is under way" and "While the ship is not under way" are added under the existing row on "Total distance travelled (nm)" in appendix 4.

8	MEPC.414(84)	2026 Guidelines for test-bed and onboard measurements of methane (CH ₄) and/or nitrous oxide (N ₂ O) emissions from marine diesel engines	2026.05.01	To be implemented from date of release	Any ship	Any size	Any date	No	No	This resolution supersedes the 2023 Guidelines: specifying testing, calculation and reporting requirements for CH₄ and N₂O; Clarifying analytical methods for non-methane hydrocarbons (NMHC) and methane (CH₄) (FID + NMC, or dual FID); Defining calculation methodologies for methane emission value (CfCH₄) and methane slip value (Cslip-CH₄); Adding interference check procedures for N₂O analyzers.
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9	MEPC.415(84)	Guidelines for engine load monitoring (ELM) and calculation of emission values	2026.05.01	To be implemented from date of release	Any ship	Any size	Any date	No	No	Specifying the method for engine load monitoring (ELM) to establish factors that reflect the actual operation of a marine diesel engine, which is to replace the pre-defined weighting factors as described in the NOx Technical Code 2008; Providing an interpolation calculation method based on measured CH₄ and N₂O data; Providing two methods of calculation of yearly emission values: one based on fuel flow (with a gas fuel flow measurement device) and the other based on power output (without a gas fuel flow measurement device); The monitoring method, data collection procedure and yearly load monitoring data and corresponding emission calculations should be approved by the Administration.
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10	MEPC.416(84)	Guidelines for continuous emission monitoring systems (CEMS) used to quantify methane (CH ₄) and/or nitrous oxide (N ₂ O) emissions from marine diesel engines	2026.05.01	To be implemented from date of release	Any ship	Any size	Any date	No	No	Providing a uniform framework for the onboard measurement and mass basis quantification of the emissions of methane (CH₄) and/or nitrous oxide (N₂O) emitted from marine diesel engines by means of a continuous emission monitoring system (CEMS), with detailed requirements for fitting of CEMS, exhaust gas measurement, determination of exhaust gas flow rate (carbon balance method or direct measurement method), calculation procedures, data recording, CEMS documentation (CEMS file, CEMS record book) and CEMS certification (initial and annual surveys). Form of CEMS certificate, analyser interference check procedures, NMC efficiency check procedures are given in the appendices; Specifying requirements for determination of exhaust gas flow rate , including carbon balance method and direct measurement method; Specifying requirements for data recording, including requirements for tamper-proof design and storage of date recording device.
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11	MEPC.417(84)	2026 Strategy and the Action Plan to Address Marine Plastic Litter from Ships	2026.05.01	To be implemented from date of release	Any ship	Any size	Any date	No	No	The resolution supersedes 2021 Strategy to Address Marine Plastic Litter from Ships and 2025 Action Plan to Address Marine Plastic Litter from Ships, and provides guidance on implementation of the action plan by setting time frame and method of work. The action plan is divided into four categories, i.e., short-term, mid-term, long-term and continuous, mainly including reduction of marine plastic litter generated from, and retrieved by, fishing vessels; reduction of shipping's contribution to marine plastic litter; improvement of the effectiveness of port reception and facilities and treatment in reducing marine plastic litter, including the development of mandatory regulations for the carriage of plastic pellets by sea and the strengthened implementation of MARPOL Annex V. The measures within the Action Plan should be completed by 2030.
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12	BWM.2/Circ.66/Rev.6	Unified interpretation of BWM convention	2026.5.01	To be implemented from date of release	Any ship	Any size	Any date	No	No	Interpretation of regulation D-3 of the convention: BWMS approved in accordance with 2016 G8 guidelines may remain installed on board ships on or after 28 October 2020.
13	MEPC.1/Circ.795/Rev.10	Unified interpretation of MARPOL Annex VI(NOx and incinerators)	2026.05.01	To be implemented from date of release	Any ship	Any size	Any date	No	No	Clarification of regulations 13.2.2 and 13.2.3 of MARPOL Annex VI regarding the applicable dates of NOx emission criteria for engine replacement and major conversion, specifying application criteria of three dates (contract/keel laying/delivery) and applicability of ECA; Clarifying that the term "the unit shall be designed so that the combustion chamber gas outlet temperature shall reach 600°C within five minutes after start-up" in regulation 16.9 is a design requirement to be verified during type approval testing only. The onboard monitoring should not be used for verification of this design requirement.

14	MEPC.1/CIRC.905/ Rev.1	Revised interim guidance on the use of biofuels under regulations 26, 27 and 28 of MARPOL Annex VI (DCS and CII)	2026.05.01	To be implemented from date of release	Any ship	Any size	Any date	No	No	It is specified that the calculation of carbon emission factors for bio-blended fuels is changed from the energy-weighted method to the mass-weighted average method. All uncertified biofuels or the biogenic components within biofuel blends should be treated as fossil fuels.
15	MEPC.1/Circ.923	Implementation of fishing gear marking systems	2026.05.01	To be implemented from date of release	Fishing vessel	Any size	Any date	No	No	MEPC 84 agreed to promote the implementation of fishing gear marking systems and the Food and Agriculture Organization of the United Nations (FAO) Voluntary Guidelines on the Marking of Fishing Gear (VGMFG). Additionally, two supplements to the VGMFG have been developed, namely: .1 A framework for conducting a risk assessment for a system on the marking of fishing gear (Supplement 1); and .2 Manual for the marking of fishing gear (Supplement 2).

16	MEPC.1/Circ.924	Technical guidance on co-optimizing energy efficiency and underwater radiated noise at the design and retrofit stage	2026.05.01	To be implemented from date of release	Any ship	Any size	Any date	No	No	Specifying methods for reducing underwater radiated noise; Addressing both energy efficiency and underwater noise at the ship design stage; Encourages underwater radiated noise requirements to include limit values for relevant frequency bands.
17	MEPC. 1/Circ. 925	2024 Guidelines for the development of a Ship Energy Efficiency Management Plan (SEEMP),	2026.05.01	To be implemented from date of release	Any ship	Any size	Any date	No	No	2024 Guidelines for the development of a Ship Energy Efficiency Management Plan (SEEMP), adopted by resolution MEPC.395(82), have been revised twice by MEPC.401 (83) and MEPC.413 (84), respectively. The consolidated text of the 2024 SEEMP Guidelines is released as MEPC.1/Circ.925.
18	FAL-LEG-MEPC-M SC.1/Circ.1	Joint Guidelines for the use of electronic certificates	2026.05.01	To be implemented from date of release	--	--	--	-	-	Providing guidance on the use of electronic certificates regarding scope, feature, verification, signature, acceptance, implementation and security assurance.

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.