

GUIDELINES

ON THE APPLICATION OF PROVISIONS OF THE INTERNATIONAL CONVENTION MARPOL 73/78

ND No. 2-030101-049-E

RULE CHANGE NOTICE

ENTERS INTO FORCE:

01.07.2024



St. Petersburg
2024

GUIDELINES ON THE APPLICATION OF PROVISIONS OF THE INTERNATIONAL CONVENTION MARPOL 73/78

The present Rule Change Notice to the Guidelines on the Application of Provisions of the International Convention for Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto (MARPOL 73/78) (hereinafter — RCN) has been approved in accordance with the established approval procedure and contains information on amendments and additions, except for editorial amendments. RCN amendments come into force on 1 July 2024 (with the exception of those specifically indicated in the Revision History (highlighted yellow)).

REVISION HISTORY

GUIDELINES ON THE APPLICATION OF PROVISIONS OF THE INTERNATIONAL CONVENTION MARPOL 73/78

Item	Applicability	Description	Remarks
Part V, para 1.3.4 (new)	Ships under construction and in service Operational documentation	New para has been introduced containing requirements in respect of a Garbage Record Book is required	IMO resolution MEPC.360(79) (entry into force on 1 May 2024)
Part VI, para 1.2.1	Ships under construction and in service Garbage treatment plants Technical documentation	Definition "Thermal waste treatment device (TWTD)" has been introduced	IMO resolution MEPC.373(80)
Part VI, para 2.3.2	Ships in service Operational documentation Technical documentation	Updating the text in connection with the designation of a new SOx emission control area by the IMO	IMO resolution MEPC.361(79)
Part VI, para 2.3.5	Ships in service Operational documentation	Updating the text in connection with the adoption of amendments to Annex VI of MARPOL 73/78	IMO resolution MEPC.362(79) (entry into force on 1 May 2024)
Part VI, para 2.5.5 (new)	Ships under construction and in service Garbage treatment plants Technical documentation	New para has been introduced containing requirements for the thermal waste treatment device (TWTD) as an equivalent means to incinerators	IMO resolution MEPC.373(80)
Part VI, para 2.6.21	Ships in service Operational documentation	Reference has been specified due to adoption of amendments to Annex VI to MARPOL 73/78	IMO resolution MEPC.362(79) (entry into force on 1 May 2024)

Item	Applicability	Description	Remarks
Part VI, para 2.6.26	Ships under construction Technical documentation	Reference has been specified due to adoption of amendments to the IMO Guidelines	IMO resolution MEPC.374(80)
Part VI, para 2.6.27.2	Ships under construction Technical documentation	Reference has been specified due to adoption of amendments to the IMO Guidelines	IMO resolution MEPC.374(80)
Appendix 1, para 4.1	Ships under construction and in service Garbage treatment plants Technical documentation	Reference has been specified due to adoption of amendments to the IMO Guidelines	IMO resolution MEPC.368(79)

PART V. SHIP'S EQUIPMENT AND ARRANGEMENTS FOR THE PREVENTION OF POLLUTION BY GARBAGE

1 GENERAL

1.3 SCOPE OF TECHNICAL SUPERVISION

New para 1.3.4 is introduced reading as follows:

"1.3.4 Every ship of 100 gross tonnage and above and every ship which is certified to carry 15 or more persons engaged in voyages to ports or offshore terminals under the jurisdiction of another Party to the Convention and every fixed or floating platform engaged in the exploration, exploitation or associated offshore processing of seabed mineral resources (unless an exemption is granted by the Administration for such platforms) shall carry a Garbage Record Book in the established form, as prescribed by Appendix II of Annex V to MARPOL 73/78. The Garbage Record Book may be part of the logbook or as a separate record book."

Paras 1.3.4 and 1.3.5 are renumbered **1.3.5 and 1.3.6** accordingly.

PART VI. SHIP'S EQUIPMENT AND ARRANGEMENTS FOR THE PREVENTION OF AIR POLLUTION

1 GENERAL

1.2 DEFINITIONS AND EXPLANATIONS

Para 1.2.1 is supplemented by new definition "Thermal waste treatment device (TWT D)" reading as follows:

"Thermal waste treatment device (TWT D) — is a device for disposing, by thermal action, of onboard generated garbage other than by use of an incinerator as defined by 1.2.1 of Part V "Ship's Equipment and Arrangements for the Prevention of Pollution by Garbage" of these Guidelines.

The thermal waste treatment device includes the waste reduction unit itself together with all other necessary support systems and equipment."

2 CONTROL OF EMISSIONS FROM SHIPS

2.3 SULPHUR OXIDES (SO_x)

Part 2.3.2 is amended as follows:

"2.3.2 In accordance with regulation 14.4 of Annex VI to MARPOL 73/78, while a ship is operating within SO_x emission control area, the sulphur content of fuel oil used on board that ship shall not exceed 0,10 % m/m.

From 1 May 2024, the Mediterranean Sea Emission Control Area, which means the area described by the coordinates provided in Appendix VII of Annex VI to MARPOL 73/78

in accordance with the amendments to Annex VI introduced by IMO resolution MEPC.361(79), is assigned as a new SO_x emission control area. From 1 May 2025, while a ship is operating within this area, the sulphur content of fuel oil used on board that ship shall not exceed 0,10 % m/m.

Ship fuel oil systems shall enable safe changeover of fuel oils with a required sulphur content prior to entry into SO_x emission control area. The fuel oil service system shall be fully flushed of all kinds of fuel oils exceeding the applicable sulphur content. A written fuel changeover procedure shall be available on board the ship and the data in accordance with regulation 14.6 of Annex VI to MARPOL 73/78 shall be recorded in such logbook as prescribed by the Administration."

Para 2.3.5 is supplemented by the following new paragraph:

"Bunker delivery notes shall contain, at least, the information, including flashpoint, given in Appendix V of Annex VI to MARPOL 73/78 as amended by IMO resolution MEPC.362(79)."

2.5 SHIPBOARD INCINERATION

New para 2.5.5 is introduced reading as follows:

"2.5.5 Thermal waste treatment device (TWTD), as an equivalent means under regulation 4 of MARPOL Annex VI to incinerators, may be used provided it complies with and is certified in accordance with the provisions of IMO resolution MEPC.373(80) "The 2023 Guidelines for Thermal Waste Treatment Devices (TWTD)".

2.6 REQUIREMENTS FOR CARBON INTENSITY OF SHIPS

Para 2.6.21 is amended as follows:

"2.6.21 Within three months after the end of each calendar year, the ship shall report to its Administration or any organization duly authorized by it, the aggregated value for each datum specified in Appendix IX of Annex VI to MARPOL 73/78 as amended by IMO resolution MEPC.362(79), and the value of attained CII using a standardized format given in Appendix 3 in IMO resolution MEPC.346(78), via electronic communication."

Para 2.6.26 is amended as follows:

"2.6.26 In accordance with the 2022 Guidelines on Survey and Certification of EEDI given in IMO resolution MEPC.365(79) as amended by IMO resolution MEPC.374(80), ship survey in relation to EEDI shall be conducted in two stages:

1 stage preliminary validation of requirements in relation to EEDI at the design stage with review of EEDI Technical File; and

2 stage final survey of the ship during sea trials, upon which results the amendments to EEDI Technical File are introduced, if necessary, and the IEE Certificate (form 2.4.3) with Supplement (form 2.4.3.1) shall be issued."

Para 2.6.27.2 is amended as follows:

"2.6.27.2 The EEDI Technical File, which shall be developed by the shipowner or shipyard, shall include at least the following:

- deadweight (DWT) or gross tonnage (GT) for passenger ships;
- the maximum continuous rating (MCR) of the main and auxiliary engines;
- the ship speed on deep water and under the maximum design loading condition;
- specific fuel consumption (SFC) of the main engine at 75 % of MCR power, the SFC of the auxiliary engines at 50 % of MCR power;

- electric power table for certain types of ships as defined in the 2022 Guidelines on the Method of Calculation of the Attained EEDI for New Ships given in the IMO resolution MEPC.364(79);

- speed-power curve(s) of the main engine determined and estimated at design stage under the full loading condition;

- overview of propulsion plant and electricity supply system on board;

- description of energy saving equipment; and

- calculated value of the attained EEDI.

The EEDI Technical File shall be issued at least in English.

For ships covered by the provisions of paragraph 2.2.5.7 in IMO resolution MEPC.364(79), the electric power table shall be validated in accordance with Appendix 2 to the 2022 Guidelines on Survey and Certification of EEDI given in IMO resolution MEPC.365(79) as amended by IMO resolution MEPC.374(80).

When applying innovative technologies to improve the energy efficiency of ships, IMO circular MEPC.1/Circ.896 "The 2021 Guidelines on Treatment of Innovative Energy Efficiency Technologies for Calculation and Verification of the Attained EEDI and EEXI" shall be followed."

APPENDIX 1

INSTRUCTIONS ON THE IMPLEMENTATION OF REVISED ANNEX V TO MARPOL 73/78

4 GARBAGE PROCESSING

Para 4.1 is amended as follows:

"4.1 Incinerators.

The incinerators installed onboard the ships shall meet the requirements of 2.4 of Part V "Ship's Equipment and Arrangements for the Prevention of Pollution by Garbage" of these Guidelines.

In accordance with regulation 16 of Annex VI to MARPOL 73/78, the incinerators installed on board the ships, the keels of which were laid on or after 1 January 2000, shall comply with the requirements of IMO resolution MEPC.76(40) or MEPC.244(66) as amended by IMO resolution MEPC.368(79), as applicable, and shall be type approved by the Administration.

Procedures for garbage incineration in the incinerators are given in 2.5 of Part VI "Ship's Equipment and Arrangements for the Prevention of Air Pollution" of these Guidelines."

Russian Maritime Register of Shipping

**Rule Change Notice
to the Guidelines on the Application of Provisions
of the International Convention MARPOL 73/78**

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