

# 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:

01.01.2024



**St. Petersburg**  
**2023**

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

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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 January 2024.

### REVISION HISTORY

Paras/Chapters/Sections	Item(s)/Type(s) of supervision and their particulars	Information on amendments	Remarks/References
Part II, <a href="#">Para 3.6.2</a>	Oil tankers under construction and in service Damage stability criteria Openings and their closing appliances	Reference to the applicable requirements regarding the opening through which progressive flooding may take place	IMO resolution MEPC.343(78)
Part III, <a href="#">Para 3.1</a>	Ships carrying noxious liquid substances in bulk, under construction and in service Categorization of noxious liquid substances (NLS)	Reference to the applicable requirements has been specified as regards the use of the abbreviated legend when the NLS hazard evaluation procedure is applied	IMO resolution MEPC.343(78)
Part III, <a href="#">Para 4.3.8 (new)</a>	Chemical tankers, NLS tankers Construction and equipment of ships Technical documentation	New para containing provisions on exemption from the requirement for underwater discharge outlet, stripping efficiency	Transfer of requirements from existing para 7.6
Part III, <a href="#">Para 6.1</a>	Chemical tankers, NLS tankers Technical documentation	Area of application of the requirements for ships carrying vegetable oils has been specified	
Part III, <a href="#">Para 7.1</a>	Ships other than chemical tankers or ships carrying liquefied gases in bulk, which are certified to carry noxious liquid substances in bulk, under construction and in service Technical documentation	References have been specified due to replacement of IMO resolution A.673(16) by resolution A.1122(30)	
Part III, <a href="#">Para 7.6</a>	Chemical tankers, NLS tankers Technical documentation	Para has been deleted due to transfer of requirements to new para 4.3.8	

Paras/Chapters/Sections	Item(s)/Type(s) of supervision and their particulars	Information on amendments	Remarks/References
Part V, <a href="#">Para 2.3.2</a>	Ships under construction and in service Equipment of spaces for installation of shipboard garbage processing devices Technical documentation	Requirements for the equipment of spaces for installation of shipboard garbage processing devices have been specified	MEPC.295(71), paragraph 2.10.5
Part VI, <a href="#">Paras 2.2.3 and 2.2.6</a>	Ships under construction and in service Marine diesel engines covered by regulation 13 of Annex VI to MARPOL 73/78 Technical documentation	References have been specified following the adoption of new revision of the IMO circular	MEPC.1/Circ.795 Rev.8
Part VI, <a href="#">Para 2.2.9</a>	Ships under construction and in service Marine diesel engines covered by regulation 13 of Annex VI to MARPOL 73/78	References have been specified in connection with coming into force of revised Annex VI to MARPOL 73/78	MEPC.328(76)
Part VI, <a href="#">Paras 2.2.12 and 2.2.13</a>	Ships under construction and in service Marine diesel engines covered by regulation 13 of Annex VI to MARPOL 73/78 Technical documentation	References have been specified following the adoption of new revision of the IMO circular	MEPC.1/Circ.795 Rev.8
Part VI, <a href="#">Paras 2.3.7 and 2.3.8</a>	Ships under construction and in service Fuel oil sampling arrangement Technical documentation	References have been specified in connection with coming into force of revised Annex VI to MARPOL 73/78	MEPC.328(76)
Part VI, <a href="#">Para 2.3.10 (new)</a>	Ships in service Bunker delivery note	New para containing requirements for bunker delivery note format has been introduced	MEPC.1/Circ.795 Rev.8, paragraph 12.2

Paras/Chapters/Sections	Item(s)/Type(s) of supervision and their particulars	Information on amendments	Remarks/References
Part VI, <a href="#">Para 2.6.3</a>	Ships under construction and in service Technical documentation EEDI Technical File	References have been specified following the adoption of new revision of the IMO circular	MEPC.1/Circ.795 Rev.8
Part VI, <a href="#">Para 2.6.20</a>	Ships under construction and in service Technical documentation	Text concerning use of biofuels on board the ship has been specified	MEPC.1/Circ.905
Part VI, <a href="#">Para 2.6.23</a>	Ships under construction and in service Technical documentation SEEMP Plans	References have been specified following the adoption of new revision of the IMO circular	MEPC.1/Circ.795 Rev.8

## **PART II. SHIP'S CONSTRUCTION, EQUIPMENT AND ARRANGEMENTS FOR THE PREVENTION OF POLLUTION BY OIL**

### **3 MARPOL 73/78 REQUIREMENTS FOR OIL TANKERS**

#### **3.6 SUBDIVISION AND STABILITY**

**Para 3.6.2** is replaced by the following text:

**"3.6.2** Every oil tanker delivered after 31 December 1979 (as defined in regulation 1.28.2 of Annex I to MARPOL 73/78), of 150 gross tonnage and above, shall comply with the subdivision and damage stability criteria as specified in regulation 28.3 of Annex I to MARPOL 73/78 as amended by IMO resolution MEPC.343(78)."

## **PART III. SHIP'S CONSTRUCTION, EQUIPMENT AND ARRANGEMENTS FOR THE PREVENTION OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK**

### **3 CONSTRUCTION OF SHIPS CARRYING NOXIOUS LIQUID SUBSTANCES IN BULK**

**Para 3.1** is replaced by the following text:

**"3.1** All ships carrying noxious liquid substances in bulk shall comply with the requirements of Annex II to MARPOL 73/78, as amended by IMO resolutions MEPC.265(68), ~~and MEPC.315(74)~~ and MEPC.344(78).

The design, construction, equipment and operation of ships certified to carry noxious liquid substances in bulk identified in Chapter 17 of the IBC Code, shall be in compliance with the provisions of this Code and the Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (BCH Code), depending on the date of the building contract and the date of ship construction as specified in regulation 11 of Annex II to MARPOL 73/78."

## **4 REQUIREMENTS FOR THE EQUIPMENT OF SHIPS CARRYING NOXIOUS LIQUID SUBSTANCES IN BULK**

### **4.1 TANK WASHING ARRANGEMENTS**

**Para 4.1.1** is deleted. **Para 4.1.2** is renumbered **4.1.1**.

**Para 4.1.2** is replaced by the following text:

**"4.1.2 4.1.1** A prewash procedure for cargo tanks is required in order to meet certain requirements of Annex II to MARPOL 73/78. Tank washing arrangements and applied methods shall provide efficient fulfillment of the prewash procedures given in Appendix VI of Annex II to MARPOL 73/78, as amended by IMO resolution MEPC.315(74), explains how these prewash procedures shall be performed. The arrangement of tank washing machines shall ensure that the tank surfaces are washed by means of rotary water jet to the extent specified in Appendix VI, depending on the category and properties of the noxious liquid substance being transported.

In case of carriage of substances identified by the presence of "16.2.7" in column "o" (Special requirements) of Chapter 17 of the IBC Code and the latest version of the

MEPC.2/Circular, the Procedures and Arrangements Manual required in accordance with regulation 14 of Annex II to MARPOL 73/78, shall be approved considering amendments introduced by IMO resolution MEPC.315(74).".

#### **4.3 SYSTEMS FOR CARGO RESIDUES DISCHARGE AND REMOVAL**

**New para 4.3.8** is introduced reading as follows:

**"4.3.8** For ships, whose constructional and operational features are such that ballasting of cargo tanks is not required and cargo tanks washing is only required for repair or dry docking, the Administration, in accordance with regulation 4.4 of Annex II, may allow exemption from the provisions of regulation 12 of Annex II to MARPOL 73/78 (on the underwater discharge outlet, stripping efficiency), provided the following conditions are complied with:

the design, construction and equipment of the ship are approved, having regard to the service for which it is intended;

any effluent from tank washings is discharged to a reception facility;

the International Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances in Bulk indicates that each cargo tank is certified for the carriage of a restricted number of substances without intermediate cleaning, as well as the particulars of the exemption;

the ship carries the Procedures and Arrangements Manual approved by the Administration or recognized organization on its behalf."

#### **6 CARRIAGE OF VEGETABLE OILS**

**Para 6.1.** The first paragraph is replaced by the following text:

"The carriage of individually identified vegetable oils identified by the relevant footnote in Chapter 17 of the IBC Code is permitted if a ~~tanker~~ship meets all the requirements for a type 2 ship specified in the IBC Code."

#### **7 REQUIREMENTS OF THE NORMATIVE DOCUMENTS FOR THE EQUIPMENT OF SHIPS OTHER THAN CHEMICAL TANKERS**

**Para 7.1** is replaced by the following text:

**"7.1** ~~Ships other than chemical tankers or bulk carriers for the carriage of noxious liquid substances~~ ships carrying liquefied gases in bulk, which are certified to carry noxious liquid substances in bulk (supply vessels for MODU and FOP; dry cargo ships certified to carry vegetable oils in bulk) shall comply with the applicable provisions of IMO resolutions A.673(16), as amended in accordance with IMO resolution MSC.236(82), A.1122(30) and IMO resolution MEPC.148(54)."

**Para 7.6** is replaced by the following text:

**"7.6** Fish transport vessels carrying cod-liver oil may be covered by regulation 4.1.3 of Annex II to MARPOL 73/78, according to which the Administration may permit the carriage

of vegetable oils and cod-liver oil on type 3 ships, provided the requirements of this regulation as regards cargo tanks location against the ship's shell plating are complied with.

For fish transport vessels, whose constructional and operational features are such that ballasting of cargo tanks is not required and cargo tanks washing is only required for repair or dry-docking, the Administration, in accordance with regulation 4.4 of Annex II, may allow exemption from the provisions of regulation 12 of Annex II to MARPOL 73/78 (including underwater discharge outlet), provided the following conditions are complied with:

any effluent from cod-liver oil tank washings is discharged to a reception facility;  
~~the International Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances in Bulk (form 2.4.7) indicates that each cargo tank is certified for the carriage of cod-liver oil only without intermediate cleaning, as well as the particulars of the exemption;~~  
the ship carries, in compliance with the requirements of Annex II to MARPOL 73/78, the Procedures and Arrangements Manual approved by the Administration or by the Register on its behalf."

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

### **2 EQUIPMENT AND DEVICES FOR GARBAGE COLLECTION, STORAGE AND PROCESSING**

#### **2.3 GARBAGE COMMINUTORS AND COMPACTORS**

**Para 2.3.2** is replaced by the following text:

**"2.3.2** Garbage compactors shall be installed in a compartment with adequate room for operating and maintaining the unit, and for storing garbage to be processed. The If not already required by other requirements, the space is recommended to have fresh water wash down service, coamings, deck drains, and adequate ventilation and hand or automatic fixed fire-fighting equipment."

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

### **2 CONTROL OF EMISSIONS FROM SHIPS**

#### **2.2 NITROGEN OXIDES (NO<sub>x</sub>)**

**Para 2.2.3.** In the second paragraph, the reference to "IMO circular MEPC.1/Circ.795/Rev.7" is replaced by the reference to "the latest version of the IMO circular MEPC.1/Circ.795".

**Para 2.2.6.** In the last paragraph, the reference to "IMO circular MEPC.1/Circ.795/Rev.7" is replaced by the reference to "the latest version of the IMO circular MEPC.1/Circ.795".

**Para 2.2.9.** The first paragraph is replaced by the following text:

"Subject to regulation 13 of Annex VI to MARPOL 73/78, ~~as amended by IMO resolution MEPC.251(66)~~, the operation of a marine diesel engine is prohibited, except when the emission of NO<sub>x</sub> (calculated as the total weighted emission of NO<sub>2</sub>) from the engine is within



the limits specified in regulation 13 of Annex VI to MARPOL 73/78, for the following tiers of compliance of marine diesel engines with the requirements of this regulation:—".

Paragraph beginning with the words "For marine diesel engine installed on a ship" is replaced by the following text:

"For marine diesel engine installed on a ship which activities take place in a shipyard or other repair facility located in a NO<sub>x</sub> Tier III emission control area, the NO<sub>x</sub> Tier III emission standards are temporarily exempted provided the conditions specified in regulation 13 of MARPOL Annex VI (IMO resolution ~~MEPC.286(71)~~ "Amendments to MARPOL Annex VI (Designation of the Baltic Sea and the North Sea Emission Control Areas for NO<sub>x</sub> Tier III control) (Information to be included in the bunker delivery note)" MEPC.328(76)) are met."

**Paras 2.2.12 and 2.2.12.** The reference to "IMO circular MEPC.1/Circ.795/Rev.7" is replaced by the reference to "the latest version of the IMO circular MEPC.1/Circ.795.".

## **2.3 SULPHUR OXIDES (SO<sub>x</sub>)**

**Paras 2.3.7 and 2.3.8** are replaced by the following text:

**"2.3.7** ~~Considering the above,~~ Fuel oil systems of ships indicated in 2.3.5 shall ensure the following:

.1 possibility to obtain representative MARPOL delivered samples as defined in regulation ~~2.2.54~~ 2.1.22 of revised Annex VI to MARPOL 73/78 (IMO resolution ~~MEPC.324(75)~~ MEPC.328(76)) at the receiving ship's inlet bunker manifold by means of the sampling arrangement according to IMO resolution MEPC.182(59);

.2 for a ship the keel of which is laid on or after 1 April 2022, the possibility to obtain the in-use sample as defined in regulation ~~2.2.55~~ 2.1.16 of revised Annex VI to MARPOL 73/78 (IMO resolution ~~MEPC.324(75)~~ MEPC.328(76)) from sampling points fitted or designated for these purposes taking into account IMO circular MEPC.1/Circ.864/Rev.1 "2019 Guidelines for on Board Sampling for the Verification of the Sulphur Content of the Fuel Oil Used on Board Ships";

.3 for a ship the keel of which is laid before 1 April 2022, the sampling point(s) referred to in 2.3.7.2 shall be fitted or designated not later than the first renewal survey on or after 1 April 2023.

**2.3.8** If the competent authorities require the onboard sample as defined in regulation ~~2.2.56~~ 2.1.24 of the revised Annex VI to MARPOL 73/78 (IMO resolution ~~MEPC.324(75)~~ MEPC.328(76)) to be analysed, it shall be done in accordance with IMO circular MEPC.1/Circ.889 "2020 Guidelines for on Board Sampling of Fuel Oil Intended to be Used or Carried for Use on Board a Ship".

**New para 2.3.10** is introduced reading as follows:

**"2.3.10** The bunker delivery note (BDN) specified in 2.3.5 are acceptable in either hard copy or electronic format. In addition, an electronic BDN shall be protected from edits, modifications or revisions and BDN authentication be possible for the purpose of verification thereof."

## **2.6 REQUIREMENTS FOR CARBON INTENSITY OF SHIPS**

**Para 2.6.3.** In the last paragraph, the reference to "IMO circular MEPC.1/Circ.795/Rev.7" is replaced by the reference to "the latest version of the IMO circular MEPC.1/Circ.795".

**Para 2.6.20.** After the first paragraph, **new paragraph** is introduced reading as follows:

"When calculating attained CII, if biofuel is used, IMO circular MEPC.1/Circ.905 "Interim Guidance on the Use of Biofuels under Regulations 26, 27 and 28 of MARPOL Annex VI (DCS and CII)" shall be met."

**Para 2.6.23.** In the last paragraph, the reference to "IMO circular MEPC.1/Circ.795/Rev.7" is replaced by the reference to "the latest version of the IMO circular MEPC.1/Circ.795".

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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