



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 313-04-1616c

dated 17.08.2021

Re:

amendments to the Rules for the Prevention of Pollution from Ships Intended for Operation in Sea Areas and Inland Waterways of the Russian Federation, 2021, ND No. 2-020101-143-E

Item(s) of supervision:

ships and construction and in service

Entry-into-force date:

01.10.2021

~~Cancels / amends / adds Circular Letter No.~~

~~dated~~

Number of pages: 1+2

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part VI "Ship's Equipment and Arrangements for the Prevention of Air Pollution"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that in connection with the requirements for the application of NO_x Tier III emission standards the Rules for the Prevention of Pollution from Ships Intended for Operation in Sea Areas and Inland Waterways of the Russian Federation, 2021, ND No. 2-020101-143-E shall be amended, as specified in the Appendices to the Circular Letter.

It is necessary to do the following:

1. Bring the content of the Circular Letter to the notice of the RS surveyors, interested organizations and persons in the area of the RS Branch Offices' activity.
2. Apply the provisions of the Circular Letter during review and approval of the technical documentation on or after 01.10.2021.

List of the amended and/or introduced paras/chapters/sections:

Part VI: para 2.2.6

Person in charge: Alexey V. Kruglov

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+7(812)570-43-11

"Thesis" System No. 21-191449

**Information on amendments introduced by the Circular Letter
(for inclusion in the Revision History to the RS Publication)**

Nos.	Amended paras/chapters/sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
1	Part VI, para 2.2.6	Requirements have been specified for application of NO _x Tier III emission standards according to regulation 13 of MARPOL Annex VI	313-04-1616c of 17.08.2021	01.10.2021

**RULES FOR THE PREVENTION OF POLLUTION FROM SHIPS
INTENDED FOR OPERATION IN SEA AREAS AND INLAND WATERWAYS
OF THE RUSSIAN FEDERATION, 2021,**

ND № 2-020101-143-E

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

2.2 NITROGEN OXIDES (NO_x)

Para 2.2.6 is replaced by the following text:

"2.2.6 The operation of each diesel engine to which regulation 2.2.1 in compliance with IMO resolution MEPC.251(66), applies, is prohibited, except when the NO_x emission (calculated as the total weighted NO₂ emission) from the diesel engine is within the following limits for the mentioned below tiers of diesel engines compliance with the requirements of regulation 2.2.1:

Tier I: diesel engine is installed in the ship constructed on or after 19 May 2005, but before 1 January 2011:

17,0 g/kWh when n is less than 130 rpm;

$45,0 \times n^{(-0,20)}$ g/kWh when n is 130 or more, but less than 2000 rpm;

9,8 g/kWh when n is 2000 rpm or more;

Tier II: diesel engine is installed on a ship constructed on or after 1 January 2011:

14,4 g/kWh when n is less than 130 rpm;

$44,0 \times n^{(-0,23)}$ g/kWh when n is 130 or more, but less than 2000 rpm;

7,7 g/kWh when n is 2000 rpm or more;

Tier III: diesel engine is installed on a ship constructed on or after 1 January 2021 and intended for operation within a NO_x Tier III emission control area of the Baltic Sea:

3,4 g/kWh when n is less than 130 rpm;

$9,06 \times n^{(-0,20)}$ g/kWh when n is 130 or more, but less than 2000 rpm;

2,0 g/kWh when n is 2000 rpm or more;

Note. In all cases n is rated engine speed.

The Tier III standards shall not apply to:

a marine diesel engine installed on a ship with a length (L), as defined in regulation 1.19 of Annex I to MARPOL 73/78, of less than 24 m when it has been specifically designed, and is used solely, for recreational purposes; or

a marine diesel engine installed on a ship with a combined nameplate diesel engine propulsion power of less than 750 kW if it is demonstrated, to the satisfaction of the Administration, that the ship cannot comply with the Tier III standards because of design or construction limitations of the ship; or

a marine diesel engine installed on a ship constructed prior to 1 January 2021 of less than 500 gross tonnage, with a length (L), as defined in regulation 1.19 of Annex I to MARPOL 73/78, of 24 m or over when it has been specifically designed, and is used solely, for recreational purposes.

For marine diesel engine installed on a ship which activities take place in a shipyard or other repair facility located in a NO_x Tier III emission control area, the NO_x 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_x Tier III emission control) (Information to be included in the bunker delivery note)") are met."