



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 313-66-1783c

dated 03.06.2022

Re:

amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2022, ND No. 2-020101-152-E

Item(s) of supervision:

ships under construction

Entry-into-force date:

01.07.2022

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

~~dated~~

Number of pages: 1 + 3

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Parts VI "Fire Protection" and XII "Refrigerating Plants"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the Rules for the Classification and Construction of Sea-Going Ships 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 ships contracted for construction or conversion on or after 01.07.2022, in the absence of a contract, during review and approval of the technical documentation on ships requested for review on or after 01.07.2022.
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List of the amended and/or introduced paras/chapters/sections:

Part VI: paras 2.5.8, 2.6.10 and 8.4.2

Part XII: paras 8.2.3 and 8.2.4

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**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 2.5.8	Requirements for insulation of refrigerant piping penetrating spaces of specially equipped fish-processing shops on fishing vessels of 500 gross tonnage and over and/or 45 m in length and over have been introduced	313-66-1783c of 03.06.2022	01.07.2022
2	Part VI, para 2.6.10	Requirements for insulation of refrigerant piping penetrating spaces of specially equipped fish-processing shops on fishing vessels of less than 500 gross tonnage and 24 m in length and over but less than 45 m have been introduced	313-66-1783c of 03.06.2022	01.07.2022
3	Part VI, para 8.4.2	New para with the requirements for structural fire protection of ships constructed of composite materials has been introduced	313-66-1783c of 03.06.2022	01.07.2022
4	Part XII, para 8.2.3	Requirements for insulation of refrigerant piping penetrating spaces of specially equipped fish-processing shops have been introduced	313-66-1783c of 03.06.2022	01.07.2022
5	Part XII, para 8.2.4	Requirements for type of piping coating used in conjunction with insulation have been specified	313-66-1783c of 03.06.2022	01.07.2022

RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS, 2022,

ND No. 2-020101-152-E

PART VI. FIRE PROTECTION

2 STRUCTURAL FIRE PROTECTION

1 **Para 2.5.8** is replaced by the following text:

"2.5.8 As a lining material for specially equipped fish-processing shops (for raw fish filleting and washing, refrigerating, canning shops) moisture-resistant plywood with low flame spread characteristics may be used as specified in the FTP Code. For plastic laminated moisture resistant plywood, both composing materials (plywood and laminate) shall have low flame-spread characteristics.

Air spaces enclosed behind ceilings, panellings, or linings shall be divided by close fitting draught stops spaced not more than 14 m apart. In the vertical direction, such air spaces shall be closed at each deck.

Insulating materials of refrigerant piping penetrating spaces of specially equipped fish-processing shops (shops for raw fish filleting and washing, refrigerating, canning shops) shall meet the requirements of 8.2.3, Part XII "Refrigerating Plants".

2 **Para 2.6.10** is replaced by the following text:

"2.6.10 As a lining material for specially equipped fish-processing shops (for raw fish filleting and washing, refrigerating, canning shops) moisture-resistant plywood with low flame spread characteristics may be used as specified in the FTP Code. For plastic laminated moisture resistant plywood, both composing materials (plywood and laminate) shall have low flame-spread characteristics.

Air spaces enclosed behind ceilings, panellings, or linings shall be divided by close fitting draught stops in accordance with 2.6.7.

Insulating materials of refrigerant piping penetrating spaces of specially equipped fish-processing shops (for raw fish filleting and washing, refrigerating, canning shops) shall comply with the requirements of 8.2.3, Part XII "Refrigerating Plants".

8 REQUIREMENTS FOR FIRE PROTECTION OF CARGO SHIPS OF LESS THAN 500 GROSS TONNAGE

3 **New para 8.4.2** is introduced reading as follows:

"8.4.2 Structural fire protection of cargo ships constructed from composite materials shall comply with the applicable requirements of Section 2, Part VI "Fire Protection" of the Rules for the Classification and Construction of High-Speed Craft".

PART XII. REFRIGERATING PLANTS

8 INSULATION

4 **Paras 8.2.3 and 8.2.4** are replaced by the following text:

8.2.3 The insulating materials used for piping shall be non-combustible in accordance with 1.6.3.1, Part VI "Fire Protection".

This requirement does not apply to insulation of piping arranged within the refrigerated cargo spaces and refrigerated storerooms.

On fishing vessels, combustible materials with low flame spread characteristics in accordance with 1.6.3.5, Part VI "Fire Protection", may be used as an insulation for piping penetrating spaces of specially equipped fish-processing shops (shops for raw fish filleting and washing, refrigerating, canning shops) provided the insulation is coated with galvanized steel sheets.

8.2.4 Vapour barrier coatings and adhesives used in conjunction with insulation as well as insulation of pipe valves need not satisfy the requirements of 8.2.3, provided they are kept to the minimum quantity and their exposed surfaces have low flame spread characteristics in accordance with 1.6.3.5, Part VI "Fire Protection".