



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 312-11-1679c

dated 14.12.2021

Re:

amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2021, ND No. 2-020101-138-E and the Rules for the Equipment of Sea-Going Ships, 2021, ND No. 2-020101-144-E

Item(s) of supervision:

ships under construction, technical documentation

Entry-into-force date:

01.01.2022

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

~~dated~~

Number of pages: 1+9

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part I "Classification" and XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" and Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the Rules for the Classification and Construction of Sea-Going Ships and the Rules for the Equipment 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 (or equipment installed on board the ships, or products/machinery installed on board the ships) contracted for construction or conversion on or after 01.01.2022, in the absence of a contract, the keels of which are laid or which are at a similar stage of construction on or after 01.01.2022.
3. If necessary, apply the provisions of the Circular Letter on ships under construction and in service upon written request of the interested parties.

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

Rules for the Classification and Construction of Sea-Going Ships:

Part I: Table 2.5, paras 3.2.16 and 3.3.16

Part XVII: paras 4.2.2.1, 13.2.1 and 13.2.4

Rules for the Equipment of Sea-Going Ships:

Part II: Chapters 5.3 and 5.4

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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	Rules for the Classification and Construction of Sea-Going Ships, Part I, Table 2.5	<p>New item 1.17 has been introduced containing requirements for assignment of distinguishing mark highPRESS(pressure). Existing items 1.17 — 1.19 have been renumbered 1.18 — 1.20 accordingly.</p> <p>In item 1.17 (new number 1.18) for descriptive notation Berth-connected ship ("operation conditions"), the references to RS requirements have been specified.</p> <p>In item 1.17 (new number 1.18) for descriptive notations Crane vessel, Dredger, Escort tug, Hopper barge, Hopper dredger, Pipe laying barge, Pipe laying vessel, Salvage ship, Supply vessel, Supply vessel (OS), Standby vessel and Tug, the references to Chapter 5.3 of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships have been deleted.</p> <p>In item 1.17 (new number 1.18) for descriptive notation Gas carrier, the short description has been specified.</p> <p>In item 2.1 for distinguishing marks Icebreaker6, Icebreaker7, Icebreaker8 and Icebreaker9, the references to Chapter 5.3 of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships have been deleted.</p> <p>In item 2.5 for distinguishing marks FF1, FF2, FF1WS, FF2WS and FF3WS, the references to Chapter 5.3 of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships have been deleted.</p>	312-11-1679c of 14.12.2021	01.01.2022

Nos.	Amended paras/chapters/ sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
		<p>New item 2.32 has been introduced containing requirements for assignment of distinguishing marks COAT, COAT(PSPC), COAT(PSPC-COT) and CORRES confirming application of protective coatings or utilization of other means of protection / in ship's spaces.</p> <p>New item 2.33 has been introduced containing requirements for assignment of distinguishing mark ICE-COAT confirming application of ice-resistant coating for protection of outer shell plating</p>		
2	Rules for the Classification and Construction of Sea-Going Ships, Part I, para 3.2.16	New para has been introduced containing requirements for documentation forming part of plan approval documentation for supply vessels of manned submersibles and ship's diving systems (ships having distinguishing marks SDS or MS in the class notation)	312-11-1679c of 14.12.2021	01.01.2022
3	Rules for the Classification and Construction of Sea-Going Ships, Part I, para 3.3.16	New para has been introduced containing requirements for the documentation forming part of technical design documentation for supply vessels of manned submersibles and ship's diving systems (ships having distinguishing marks SDS or MS in the class notation)	312-11-1679c of 14.12.2021	01.01.2022
4	Rules for the Classification and Construction of Sea-Going Ships, Part XVII, para 4.2.2.1	Requirements have been specified regarding necessity of verification of ship's stability at icing	312-11-1679c of 14.12.2021	01.01.2022
5	Rules for the Classification and Construction of Sea-Going Ships, Part XVII, Section 13	Section has been renamed	312-11-1679c of 14.12.2021	01.01.2022
6	Rules for the Classification and Construction of Sea-Going Ships, Part XVII, Chapter 13.2	Chapter has been renamed	312-11-1679c of 14.12.2021	01.01.2022

Nos.	Amended paras/chapters/ sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
7	Rules for the Classification and Construction of Sea-Going Ships, Part XVII, para 13.2.1	Requirements have been specified for ships that may be assigned descriptive notations Standby vessel and Salvage ship ; requirements for / ships carrying equipment for fire fighting aboard other ships have been introduced	312-11-1679c of 14.12.2021	01.01.2022
8	Rules for the Classification and Construction of Sea-Going Ships, Part XVII, para 13.2.4.3	New para containing additional requirements for life-saving appliances has been introduced	312-11-1679c of 14.12.2021	01.01.2022
9	Rules for the Equipment of Sea-Going Ships, Part II, Chapters 5.3 and 5.4	Chapter 5.3 and references thereto have been deleted. Chapter 5.4 and references thereto have been renumbered 5.3	312-11-1679c of 14.12.2021	01.01.2022

**RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS, 2021,
ND No. 2-020101-138-E**

PART I. CLASSIFICATION

2 CLASS OF A SHIP

1 **Table 2.5.** New item 1.17 is introduced for reading as follows:

"

1.17 Distinguishing mark for ships with membrane LNG cargo tanks designed to carry LNG at high pressure		
highPRESS (pressure)	If membrane LNG cargo tanks of LG carrier are capable to withstand vapour pressure exceeding 25 kPa but not more than 70 kPa, the distinguishing mark highPRESS(pressure) shall be added to the character of classification where a maximum allowable vapour pressure, in kPa, is indicated in brackets, for example, highPRESS(50)	Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk Part I "Classification", 2.2.12 Part IV "Cargo Containment", 24.1.4 and 24.4 Part VI "Systems and Piping", 3.16.6 Part VIII "Instrumentation and Automation Systems", 4.1

"

2 **Table 2.5.** Existing items 1.17 — 1.19 are renumbered 1.18 — 1.20 accordingly.

3 **Table 2.5.** In item 1.17 (new number 1.18) for descriptive notation **Berth-connected ship** (operation condition) the reference to **Chapter 5.4** is replaced by the reference to **Chapter 5.3** of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships.

4 **Table 2.5.** In item 1.17 (new number 1.18) for descriptive notations **Crane vessel, Dredger, Escort tug, Hopper barge, Hopper dredger, Pipe laying barge, Pipe laying vessel, Salvage ship, Supply vessel, Supply vessel (OS), Standby vessel** and **Tug** the references to **Chapter 5.3** of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships are deleted.

5 **Table 2.5.** In item 1.17 (new number 1.18) requirements for descriptive notation **Gas carrier** are replaced by the following text:

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Gas carrier type 1G Gas carrier type 2G Gas carrier type 2PG Gas carrier type 3G	Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk (entire document) Rules for the Classification and Construction of Sea-Going Ships Part II "Hull", 3.5 Part III "Equipment, Arrangements and Outfit", 2.9.4, 5.7, 7.11 Part IV "Stability", 3.4 Part V "Subdivision", 1.1.1.6, 3.4.6 Part VI "Fire Protection", Section 1, 2.1, 2.4, Sections 3 — 5 (specific requirement to ship type in 1.4.3, 2.4, item 17 of Table 3.1.2.1, 3.10.2.4, 3.10.3.2, 5.1.3) Part VII "Machinery Installations", 1.1.2, 2.3.1, 3.2.10, 3.2.12, 4.5.10 — 4.5.13, 7.4.7.2, 7.4.8.2
If LG carrier is intended for the carriage of one specific cargo only, the name of cargo, its design temperature, in °C, and design density, in kg/m ³ , may be additionally indicated in brackets after the descriptive notation Gas carrier , for example, Gas carrier type 2G (ethylene, -104 °C, 560 kg/m³)	

"

	Part VIII "Systems and Piping", 7.2.5, 8.7.4, 11.1.3, 12.2, 13.7.8, 13.12 Part IX "Machinery", 6.2.1.2, 6.2.1.8, 6.2.1.11 Rules for the Equipment of Sea-Going Ships Part II "Life-Saving Appliances", 2.4.1, 4.1.1.6, 4.1.1.7, 6.16.4, 6.20.1.2 Part IV "Radio Equipment", 2.2.6, 4.1.19 Rules for the Cargo Handling Gear of Sea-Going Ships 1.6
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6 **Table 2.5.** In **item 2.1** for ice class notations **Icebreaker6**, **Icebreaker7**, **Icebreaker8** and **Icebreaker9**, the references to **Chapter 5.3** of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships are deleted.

7 **Table 2.5.** In **item 2.5** for distinguishing marks **FF1**, **FF2**, **FF1WS**, **FF2WS** and **FF3WS** for ships carrying equipment for fire fighting aboard other ships, the references to **Chapter 5.3** of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships are deleted.

8 **Table 2.5** is supplemented by **new items 2.32** and **2.33** reading as follows:

2.32 Distinguishing marks confirming application of protective coatings or utilization of / alternative means of corrosion protection in ship's spaces		
COAT	Added in the class notation of ships covered by the provisions of regulation II-2/3-2 of SOLAS 74 as amended by IMO resolution MSC.47(66), and on board which the protective coating is applied in accordance with IMO resolution A.798(19)	Rules for the Classification and Construction of Sea-Going Ships Part II "Hull", 1.2.5.1
COAT(PSPC)	Added in the class notation of ships covered by the provisions of regulation II-2/3-2 of SOLAS 74 as amended by IMO resolution MSC.216(82), and on board which the protective coating is applied in accordance with IMO resolution MSC.215(82)	Rules for the Classification and Construction of Sea-Going Ships Part II "Hull", 1.2.5.1
COAT (PSPC-COT)	Added in the class notation of crude oil tankers with 5000 t deadweight and over covered by the provisions of regulation II-1/3-11 of SOLAS 74 as amended by IMO resolution MSC.291(87), and on board which the protective coating is applied in accordance with IMO resolution MSC.288(87)	Rules for the Classification and Construction of Sea-Going Ships Part II "Hull", 1.2.5.3
CORRES	Added in the class notation of crude oil tankers with 5000 t deadweight and over / covered by the provisions of regulation II-1/3-11 of SOLAS 74 as amended by IMO resolution MSC.291(87), and on board which the alternative means of corrosion protection or corrosion resistant materials are utilized to maintain the required structural integrity for 25 years in accordance with IMO resolution MSC.289(87)	Rules for the Classification and Construction of Sea-Going Ships Part II "Hull", 1.2.5.3

2.33 Distinguishing mark confirming application of ice-resistant coating for protection of shell plating of the ship's hull		
ICE-COAT	Added in the class notation provided measures regarding protection of shell plating with ice-resistant coating are taken. Ice-resistant coatings are used for ships with additional distinguishing mark WINTERIZATION(DAT) in the class notation as well as for ice class ships and icebreakers with reduced average annual diminution of shell plating as a result of corrosion wear and abrasion (25% or 50%)	Rules for the Classification and Construction of Sea-Going Ships Part II "Hull", 3.10.4 Part XIII "Materials", 6.5.3 Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships Part III "Technical Supervision during Manufacture of Materials", 3.5.1

3 TECHNICAL DOCUMENTATION

9 **New para 3.2.16** is introduced reading as follows:

"3.2.16 Documentation of supply vessels of manned submersibles and ship's diving systems (ships having distinguishing marks SDS or MS in the class notation).

For supply vessels of manned submersibles and ship's diving systems (ships having distinguishing marks **SDS** or **MS** in the class notation), the documentation shall include at least the following:

- .1 general arrangement plans of manned submersibles and ship's diving systems on the supply vessel (*);
- .2 arrangement plan of fire-fighting divisions in the supply vessel spaces intended for control, communications and arrangement of manned submersibles and ship's diving system, as well as in the spaces for positioning of ancillary equipment of manned submersibles with indication of doors, closures of openings, passages (cutouts) in such divisions (*);
- .3 diagrams, drawings and calculations of fire extinguishing systems for the spaces specified in 3.2.16.2 (*);
- .4 diagram of fire protection and alarm system and alarm system for the spaces specified in 3.2.16.2 and layouts of the devices to monitor explosion/fire-hazardous concentrations of combustible gases in the storerooms for cylinders with flammable gases, compressors, accumulator batteries, etc. (*);
- .5 detailed description of fire protection of the spaces with indication of insulating and finishing materials, their location and a combustibility rate for the spaces specified in 3.2.16.4 (*);
- .6 detailed description of fire protection of the spaces with indication of insulating and finishing materials, their location and a combustibility rate for the spaces specified in 3.2.16.2 (may be submitted in the form of a fire control plan) (*);
- .7 documentation on handling system of manned submersibles (except for documentation on handling system components located on the manned submersible to be submitted together with the documentation on the manned submersibles) (*)."

10 **New para 3.3.16** is introduced reading as follows:

"3.3.16 Documentation of supply vessels of manned submersibles or ship's diving systems (ships having distinguishing marks SDS or MS in the class notation).

For ships carrying manned submersibles and ship's diving systems (ships having distinguishing marks **SDS** or **MS** in the class notation), the documentation shall include at least the following:

- .1 general arrangement plans of manned submersibles and ship's diving systems on the supply vessel (*);
- .2 arrangement plan of fire-fighting divisions in the supply vessel spaces intended for control, communications and arrangement of manned submersibles and ship's diving system, as

well as in the spaces for positioning of ancillary equipment of manned submersibles with indication of doors, closures of openings, passages (cutouts) in such divisions (*);

.3 diagrams, drawings and calculations of fire-fighting systems for the spaces specified in 3.3.16.2 (*);

.4 diagram of fire protection and alarm system and alarm system for the spaces specified in 3.3.16.2 and layouts of the devices to monitor explosion/fire-hazardous concentrations of combustible gases in the storerooms for cylinders with flammable gases, compressors, accumulator batteries, etc. (*);

.5 detailed description of fire protection of the spaces with indication of insulating and finishing materials, their location and a combustibility rate for the spaces specified in 3.3.16.4 (*);

.6 detailed description of fire protection of the spaces with indication of insulating and finishing materials, their location and a combustibility rate for the spaces specified in 3.2.16.2 (may be submitted in the form of a fire control plan) (*);

.7 documentation on handling system of manned submersibles (except for documentation on handling system components located on the manned submersible to be submitted together with the documentation on the manned submersibles) (*)."

PART XVII. DISTINGUISHING MARKS AND DESCRIPTIVE NOTATIONS IN THE CLASS NOTATION SPECIFYING STRUCTURAL AND OPERATIONAL PARTICULARS OF SHIPS

4 REQUIREMENTS FOR THE EQUIPMENT OF SHIPS IN COMPLIANCE WITH THE DISTINGUISHING MARK ANTI-ICE IN THE CLASS NOTATION

11 **Para 4.2.2.1** is replaced by the following text:

"**4.2.2.1** Ship stability under icing shall be checked in accordance with 2.4 of Part IV "Stability"."

13 REQUIREMENTS FOR OFFSHORE SERVICE VESSELS

12 **Section 13** is renamed as follows:

"13 ADDITIONAL REQUIREMENTS FOR SHIPS OF SPECIAL TYPES".

13 **Chapter 13.2** is renamed as follows:

**"13.2 STANDBY VESSELS AND SALVAGE SHIPS, AS WELL AS SHIPS CARRYING
EQUIPMENT FOR FIRE FIGHTING ABOARD OTHER SHIPS".**

14 **Para 13.2.1** is replaced by the following text:

"13.2.1 General.

13.2.1.1 For ships intended to carry out rescue and standby services and complying with the requirements of 13.2.2 — 13.2.10, the descriptive notation **Standby vessel** may be assigned.

13.2.1.2 For ships intended to carry out rescue services and complying as a minimum with the requirements of 13.2.3 (except for 13.2.3.1 — 13.2.3.3, 13.2.3.12), 13.2.4, 13.2.5 and 13.2.10, the descriptive notation **Salvage ship** may be assigned.

13.2.1.3 Ships carrying equipment for fire fighting aboard other ships and complying the requirements of 7.2.1.10 and 9.2.12, Part III "Equipment, Arrangements and Outfit", 3.13 of Part IV "Stability", 5.1.2 and 6.6 of Part VI "Fire Protection", 7.1.10 and 13.7.7 of Part VIII "Systems and Piping" (as applicable) and 13.2.4.3 of this Part, one of the following distinguishing marks **FF1, FF2, FF1WS, FF2WS, FF3WS** may be assigned."

15 **New para 13.2.4.3** is introduced reading as follows:

"**13.2.4.3** Standby ships, salvage vessels and ships carrying equipment for fire fighting aboard other ships taking into account their purpose and particulars of their structure shall be provided with additional life-saving appliances:

.1 each rescue zone shall be provided with means of rescue complying with the requirements of 6.20.9 of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships, and ensuring safe transfer of persons, including helpless persons, from the water level to the deck of the ship;

.2 cargo handling gears installed onboard the ship shall be provided with nets, baskets or cradles to lift persons from the water / and these nets, baskets and cradles as well as cargo handling gears shall comply with the requirements 5.8 of the Rules for the Cargo Handling Gear of Sea-Going Ships;

.3 irrespective of the / length of the ship and the area of navigation, the ship shall be equipped with the line-throwing appliances having projectiles in accordance with the requirements of 2.9.1 of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships;

.4 ship shall be equipped with gears for towing of liferafts and rescue boats, which number and list shall be decided by the shipowner. Specified additional gears, if subject to technical supervision, shall have documents required in accordance with Section 5 of Part I "General Regulations for Technical Supervision" of the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships;

.5 ship shall be equipped with at least one fast rescue boat complying with the requirements of 6.19.4 of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships. The emergency source of power of launching appliances of the fast rescue boat shall provide operation of the launching appliances for at least 4 h;

.6 ship shall be additionally equipped with lifejackets complying with the requirements of 6.3 of Part II "Life-Saving Appliances" of the Rules for the Equipment of Sea-Going Ships, provided for 25% of the number of survivors for which the ship is intended to carry."

RULES FOR THE EQUIPMENT OF SEA-GOING SHIPS, 2021,

ND No. 2-020101-144-E

PART II. LIFE-SAVING APPLIANCES

5 REQUIREMENTS FOR OTHER TYPES OF SHIPS

16 **Chapter 5.3** and references thereto are deleted. **Chapter 5.4** and references thereto are renumbered **5.3**.