



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 312-10-1885c**

dated 17.01.2023

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Re:

amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2023, ND No. 2-020101-174-E

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Item(s) of supervision:

ships in service and under construction

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Entry-into-force date:

**01.02.2023**

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

~~dated~~

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Number of pages: 1 + 4

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part I "Classification"

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Acting Director General

Sergey A. Kulikov

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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.

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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 01.02.2023, in the absence of a contract, during review and approval of the technical documentation on ships requested for review on or after 01.02.2023.
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List of the amended and/or introduced paras/chapters/sections:

Part I: para 1.1.1, Table 2.2, paras 2.2.3.2, 2.2.3.3.1 and 2.2.3.3.4, Table 2.5

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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	Para 1.1.1	Definition "Place of refuge" has been specified	312-10-1885c of 17.01.2023	01.02.2023 3
2	Table 2.2	In Note 7, requirements for indicating operation conditions of berth-connected ships have been specified	312-10-1885c of 17.01.2023	01.02.2023 3
3	Para 2.2.3.2	References to Parts II "Hull" — IX "Machinery" of these Rules, Part III "Signal Means" of the Rules for Equipment of Sea-Going Ships have been specified. Descriptive notation <b>Icebreaker</b> has been introduced	312-10-1885c of 17.01.2023	01.02.2023 3
4	Para 2.2.3.3.1	Reference to Part III "Equipment, Arrangements and Outfit" of these Rules has been specified	312-10-1885c of 17.01.2023	01.02.2023 3
5	Para 2.2.3.3.4	Descriptive notation <b>Icebreaking vessel</b> has been introduced	312-10-1885c of 17.01.2023	01.02.2023 3
6	Table 2.5	In item 1.18 for descriptive notation <b>berth-connected ship</b> , brief description has been specified. In item 1.18, new descriptive notations <b>Icebreaker</b> and <b>Icebreaking vessel</b> have been introduced	312-10-1885c of 17.01.2023	01.02.2023 3

## RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS, 2023,

ND No. 2-020101-174-E

### PART I. CLASSIFICATION

#### 1 DEFINITIONS AND EXPLANATIONS

- 1 **Para 1.1.1.** Definition "Place of refuge" is supplemented with the following text:

"The Register establishes maximum allowable distances from the places of refuge, availability and accessibility of which for different types of ships and offshore installations are determined by the Maritime Administration of the state to which area of responsibility these places of refuge relate and/or by duly authorized competent bodies (refer to IMO resolution A.949(23) as amended).".

#### 2 CLASS OF A SHIP

- 2 **Table 2.2. Note 7** is replaced by the following text:

"7. For ships with descriptive notation **Berth-connected ship**, operation conditions (one of the following conditions: aground (**G**) — ground or moored at quay (**S**) — shore, or when at a water area distanced from the shore (**W**) — waters) are indicated in brackets, and the descriptive notation **Berth-connected ship** is followed by the statement of ship or offshore installation purpose from those listed in the definition "Berth-connected ship" (refer to 1.1.1), or otherwise. If the berth-connected ship complies with the relevant requirements of these Rules for different operation conditions, the operation conditions are listed in brackets after the descriptive notation and separated by comma, for example, (**W, S**). Descriptive notation **Berth-connected ship** (**operation condition**) **floating oil storage** may be added in each particular case upon agreement with the Register Head Office (RHO) and, if necessary, upon agreement with the Flag State Maritime Administration in the class notation of a ship complying with the requirements for an oil tanker, which cannot be classified as FSO in accordance with the Rules for the Classification and Construction of Floating Offshore Oil-and-Gas Product Units (FPU) (refer also to FSU according to IMO resolution MEPC.311(73)), and intended only for loading/unloading and storage of oil and petroleum products. Previously assigned descriptive notation (e.g. **oil tanker (ESP)**) may be retained at the shipowner's discretion provided the RS requirements relating to such descriptive notation or distinguishing mark are complied with.".

- 3 **Para 2.2.3.2** is replaced by the following text:

"**2.2.3.2** If an icebreaker complies with the requirements of Parts II "Hull" — IX "Machinery" of these Rules as well as 3.1.3.3 of Part III "Signal Means" of the Rules for the Equipment of Sea-Going Ships, one of the following ice class marks: **Icebreaker6**, **Icebreaker7**, **Icebreaker8**, **Icebreaker9** and descriptive notation **Icebreaker** are added to the character of classification.

Icebreakers of the above ice classes have the following tentative service characteristics:

**Icebreaker6** — intended for ice breaking operations in harbour and roadstead water areas as well as in freezing seas where the ice is up to 1,5 m thick. Continuous motion capability in unbroken ice up to 1 m thick;

**Icebreaker7** — intended for ice breaking operations in the arctic seas on coastal routes during winter/spring navigation in ice up to 2,0 m thick and summer/autumn navigation in ice up to 2,5 m thick; in non-arctic freezing seas and mouths of rivers flowing into arctic seas in ice up to 2,0 m thick. Continuous motion capability in unbroken ice up to 1,5 m thick. The total shaft power not less than 11 MW;

**Icebreaker8** — intended for ice breaking operations in the arctic seas on coastal routes during winter/spring navigation in ice up to 3,0 m thick and summer/autumn navigation without restrictions. Continuous motion capability in unbroken ice up to 2,0 m thick. The total shaft power not less than 22 MW;

**Icebreaker9** — intended for ice breaking operations on coastal routes in arctic seas during winter/spring navigation in ice up to 4,0 m thick and summer/autumn navigation without restrictions. Continuous motion capability in unbroken ice over 2,0 m thick. The total shaft power not less than 48 MW."

4 **Para 2.2.3.3.1** is replaced by the following text:

"**2.2.3.3.1** If a self-propelled ice class ship complies with the relevant requirements of these Rules, one of the following ice class marks is added to its character of classification: **Ice1, Ice2, Ice3, Arc4, Arc5, Arc6, Arc7, Arc8, Arc9**, and compliance of hull (**hull**) and machinery installation (**machinery**) with the requirements of these Rules in full scope is indicated in brackets, e.g. **KM⊕ Arc4 (hull; machinery)**.

In case the ship hull corresponds to one ice class and the machinery installation corresponds to another ice class, the applicable ice classes shall be specified separately, e.g. **KM⊕ Arc4 (hull) Ice3 (machinery)**. In such case, a ship with mark (**hull**) in the class notation shall comply with the applicable requirements of Part III "Equipment, Arrangements and Outfit" of these Rules and 3.1.3.3 of Part III "Signal Means" of the Rules for the Equipment of Sea-Going Ships, in addition to the requirements of Part II "Hull". A ship with mark (**machinery**) in the class notation shall comply with the applicable requirements of Part VI "Fire Protection" of Part VII "Machinery Installations" of Part VIII "Systems and Piping" and Part IX "Machinery" of these Rules.

Where a non-self-propelled ship complies with the requirements for ice class, a mark (**hull**) shall be added to its character of classification."

5 **Para 2.2.3.3.4** is replaced by the following text:

"**2.2.3.3.4** If an ice class ship which is not an icebreaker in accordance with 2.2.3.1.1 but occasionally is involved in icebreaking operations and complies with the relevant requirements of these Rules, one of the following ice class marks: **Icebreaker6** or **Icebreaker7** with descriptive notation **Icebreaking vessel** may be added to the character of classification."

6 **Table 2.5. In item 1.18** descriptive notation **berth-connected ship (operation conditions)** is replaced by the following text:

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Distinguishing mark or descriptive notation	References to RS requirements
<p><b>Berth-connected ship (operation condition)</b>            Operation conditions (aground (<b>G, ground</b>) or moored at quay (<b>S, shore</b>), or when at a water area distanced from the shore (<b>W, waters</b>)) are indicated in brackets. If the berth-connected ship complies with the relevant requirements of these Rules for different operation conditions, the operation conditions are listed in brackets after the descriptive notation and separated by comma, for example, (<b>W, S</b>). The descriptive notation <b>Berth-connected ship</b> is followed by the statement of ship or offshore installation purpose from those listed in the definition of the berth-connected ship:  <b>floating dock</b>  <b>floating facility/passenger floating facility (hotel/hostel/workshop/restaurant etc.)</b>  <b>floating power plant</b>  <b>floating warehouses</b>  <b>floating oil storage</b>            or otherwise.</p>	<p><b>Rules for the Classification and Construction of Sea-Going Ships</b>            Part I "Classification", 1.1.1            Part III "Equipment, Arrangements and Outfit", 3.1.4, 7.1.14            Part IV "Stability", 4.4            Part V "Subdivision", 1.1.1.17, 3.4.12            Part VI "Fire Protection", Section 1, 2.1, Sections 3 — 5, 6.5            Part VII "Machinery Installations", 1.1.1, 4.5.10 — 4.5.13            Part VIII "Systems and Piping", 7.1.9, 12.2, 13.8.1            Part XI "Electrical Equipment", 19.9  <b>Rules for the Equipment of Sea-Going Ships</b>            Part II "Life-Saving Appliances", 5.3            Part III "Signal Means", 2.6            Part IV "Radio Equipment", 2.2.4  <b>Load Line Rules for Sea-Going Ships</b>            4.1.4</p>

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In item 1.18 after the descriptive notation **Hopper dredger**, the descriptive notations **Icebreaker** and **Icebreaking vessel** are introduced reading as follows:

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Distinguishing mark or descriptive notation	References to RS requirements
<p><b>Icebreaker</b> Assigned to ice class ships complying with the relevant requirements of these Rules and the Rules for the Equipment of Sea-Going Ships for icebreakers and having one of the following ice class marks in the class notation: <b>Icebreaker6, Icebreaker7, Icebreaker8, Icebreaker9</b></p>	<p><b>Rules for the Classification and Construction of Sea-Going Ships</b> Part I "Classification", 2.2.3 Part II "Hull", 3.10 Part III "Equipment, Arrangements and Outfit", 2.1.5, 2.2.2.2 Part V "Subdivision", 1.1.1.12, 3.4.2 Part VII "Machinery Installations", 1.3.2.3, 2.1.1.1, 2.1.2, 2.4.3, 5.1.3, 5.2.5, 5.4.3, 6.2.1, 6.2.2, 6.2.4, 6.2.5, 6.3.4, 6.5.2, 7.2.4, 8.2.1, 8.3.1, 8.4.2, 8.8.2, 8.8.5 Part VIII "Systems and Piping", 4.3.1, 4.3.2.3, 8.3.2, 12.1.7, 15.6.1 Part IX "Machinery", 4.2.3.2, 8.1.8 <b>Rules for the Equipment of Sea-Going Ships</b> Part III "Signal Means", 3.1.3.3 Part V "Navigational Equipment", footnote 10, Table 2.2.1, 2.2.3, 3.2.14, 3.7.3.5, 3.7.4.12</p>
<p><b>Icebreaking vessel</b> Assigned to ice class ships which are not icebreakers in accordance with 2.2.3.1.1 but occasionally are involved in icebreaking operations and comply with the relevant requirements of these Rules and the Rules for the Equipment of Sea-Going Ships and which have one of the following ice class marks in the class notation: <b>Icebreaker6 or Icebreaker7</b></p>	<p><b>Rules for the Classification and Construction of Sea-Going Ships</b> Part I "Classification", 2.2.3 Part II "Hull", 3.10 Part III "Equipment, Arrangements and Outfit", 2.1.5, 2.2.2.2 Part V "Subdivision", 1.1.1.12, 3.4.2 Part VII "Machinery Installations", 1.3.2.3, 2.1.1.1, 2.1.2, 2.4.3, 5.1.3, 5.2.5, 5.4.3, 6.2.1, 6.2.2, 6.2.4, 6.2.5, 6.3.4, 6.5.2, 7.2.4, 8.2.1, 8.3.1, 8.4.2, 8.8.2, 8.8.5 Part VIII "Systems and Piping", 4.3.1, 4.3.2.3, 8.3.2, 12.1.7, 15.6.1 Part IX "Machinery", 4.2.3.2, 8.1.8 <b>Rules for the Equipment of Sea-Going Ships</b> Part III "Signal Means", 3.1.3.3 Part V "Navigational Equipment", footnote 10, Table 2.2.1, 2.2.3, 3.2.14, 3.7.3.5, 3.7.4.12</p>

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