



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 312-09-1719c

dated 17.03.2022

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:

01.05.2022

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

~~dated~~

Number of pages: 1 + 5

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Parts I "Classification" and XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships"

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 01.05.2022, in the absence of a contract, during review of technical documentation on ships requested for review on or after 01.05.2022.
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List of the amended and/or introduced paras/chapters/sections:

Part I: paras 1.1.1 and 2.2.5.1.6;

Part XVII: paras 4.2.3.5, 7.4.4.1 and 7.10.2.2

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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 I, para 1.1.1	New definition "Polar waters" has been introduced	312-09-1719c of 17.03.2022	01.05.2022
2	Part I, para 2.2.5.1.6	Requirements for distinguishing mark R3 have been specified regarding justifications to be provided for assigning allowable distances from places of refuge and imposing restrictions on the wave height	312-09-1719c of 17.03.2022	01.05.2022
3	Part XVII, para 4.2.3.5	Requirements for windshield wipers have been specified	312-09-1719c of 17.03.2022	01.05.2022
4	Part XVII, para 7.4.4.1	Reference to the applicable requirements has been specified	312-09-1719c of 17.03.2022	01.05.2022
5	Part XVII, para 7.10.2.2	Requirements as regards applicable standard for testing electrical equipment and automation equipment for cold endurance have been specified	312-09-1719c of 17.03.2022	01.05.2022

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

ND No. 2-020101-152-E

PART I. CLASSIFICATION

1 GENERAL

1 **Para 1.1.1.** Before the definition "Crew boat" new definition "Polar waters" is introduced:

"Polar waters — includes both Arctic waters and the Antarctic area.

.1 Arctic waters are those waters which are located north of a line from the latitude 58°00',0 N and longitude 042°00',0 W to latitude 64°37',0 N, longitude 035°27',0 W and thence by a rhumb line to latitude 67°03',9 N, longitude 026°33',4 W and thence by a rhumb line to the latitude 70°49',56 N and longitude 008°59',61 W (Sørkapp, Jan Mayen) and by the southern shore of Jan Mayen to 73°31',6 N and 019°01',0 E by the Island of Bjørnøya, and thence by a great circle line to the latitude 68°38',29 N and longitude 043°23',08 E (Cap Kanin Nos) and hence by the northern shore of the Asian Continent eastward to the Bering Strait and thence from the Bering Strait westward to latitude 60° N as far as Il'pyrskiy and following the 60th North parallel eastward as far as and including Etolin Strait and thence by the northern shore of the North American continent as far south as latitude 60° N and thence eastward along parallel of latitude 60° N, to longitude 056°37',1 W and thence to the latitude 58°00',0 N, longitude 042°00',0 W (refer to Fig. 1.1.1-1);

.2 Antarctic area is the sea area south of latitude 60° S (refer to Fig. 1.1.1-2).



Fig. 1.1.1-1
Maximum extent of Arctic waters application¹

¹ It should be noted that this Figure is for illustrative purposes only.

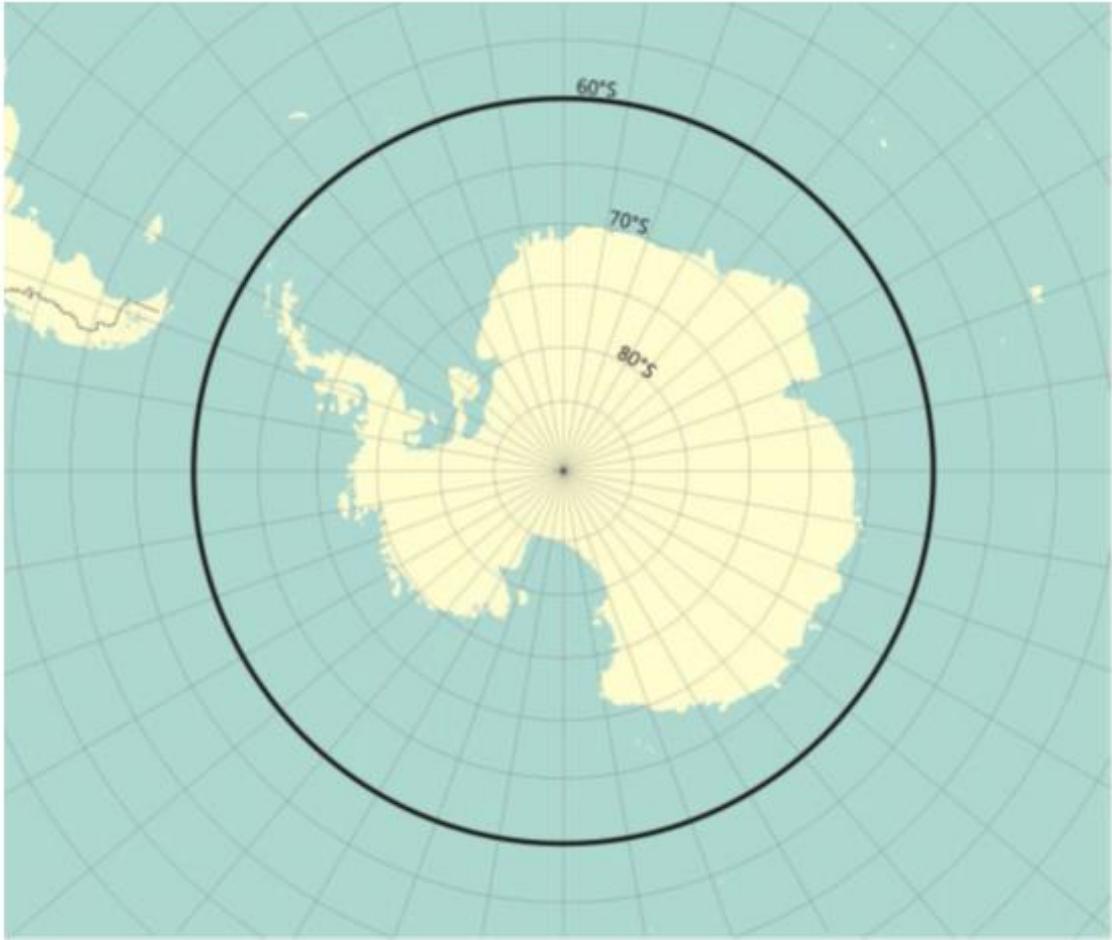


Fig. 1.1.1-2
Maximum extent of Antarctic area application¹

¹ It should be noted that this Figure is for illustrative purposes only.

2 CLASS OF A SHIP

2 **Para 2.2.5.1.6** is replaced by the following text:

".6 R3 — harbour, roadstead and coastal navigation in a 20-mile coastal zone with a wave height up to 2,5 m with 3 % probability of exceeding level with ships proceeding from the place of refuge in accordance with Table 2.2.5.1.6 or with restrictions imposed on the distance from the places of refuge and the height of the wave with 3 % probability based on the justifications submitted to the Register taking into account the wind and wave conditions in specific restricted sea areas.

Particular restrictions for operation of floating cranes (cargo-handling operations and navigation with carriage of cargoes on deck and/or in the hold) shall be imposed by the Register in each particular case.».

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

3 **Para 4.2.3.5** is replaced by the following text:

"**4.2.3.5** Side scuttles in the wheelhouse providing the arc of visibility required by 3.2 of Part V "Navigational Equipment" of the Rules for the Equipment of Sea-Going Ships according to the ship's class shall be heated.

Windshield wipers on the said side scuttles (if any) shall be heated as well."

7 REQUIREMENTS FOR SHIP EQUIPMENT TO ENSURE LONG-TERM OPERATION AT LOW TEMPERATURE

4 **Para 7.4.4.1** is replaced by the following text:

"**7.4.4.1** Side scuttles of wheelhouse and cargo control room shall be provided with heating in compliance with 4.2.3.5."

5 **Para 7.10.2.2** is replaced by the following text:

"**7.10.2.2** All electrical equipment intended for installation on the open decks and in the open unheated spaces shall be tested for cold endurance according to the requirements of IEC 60068-2-1:2007 (Test A) at the working temperature in the chamber equal to the design ambient temperature.

The RS certificates issued for electrical equipment to be installed on the open decks and in the open unheated spaces of ships with distinguishing marks **WINTERIZATION(-40)** and **WINTERIZATION(-50)** shall contain an indication whether it is allowed to use it at appropriate design ambient temperature."