



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 311-05-1963c

dated 28.07.2023

Re:

amendments to the Rules for the Classification Surveys of Ships in Service and Annexes thereto, 2023, ND No. 2-020101-012-E

Item(s) of supervision:

ships and offshore installations in service

Entry-into-force date:

01.09.2023

Cancel / 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 Part II "Survey Schedule and Scope" and Annex 2 "Instructions for Determination of the Technical Condition and Repair of the Hulls of Sea-Going Ships"

Director General

Sergey A. Kulikov

Text of CL:

We hereby inform that the Rules for the Classification Surveys of Ships in Service and Annexes thereto 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 surveys of the ships and offshore installations in service upon requests submitted on or after 01.09.2023.
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List of the amended and/or introduced paras/chapters/sections:

Part II: Table 2.1.1-1, paras 2.2.4.3, 2.4.4.3.9, 2.4.4.3.13, 2.7.1.1.5, 4.8.3.1 and 4.8.4.1

Annex 2: Table 2.2.1.1

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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 II, Table 2.1.1-1	In item 3.2.2 requirements for the scope of survey of fixed gas fire extinguishing systems equivalent to carbon dioxide smothering systems have been specified	311-05-1963c of 28.07.2023	01.09.2023
2	Part II, para 2.2.4.3	Requirements for the scope of survey of fire smothering systems and fixed gas fire extinguishing systems equivalent to carbon dioxide smothering systems have been specified	311-05-1963c of 28.07.2023	01.09.2023
3	Part II, para 2.4.4.3.9	Requirements for the scope of survey of fire extinguishing system using freon 114B2 have been specified	311-05-1963c of 28.07.2023	01.09.2023
4	Part II, para 2.4.4.3.13	Requirements for the scope of survey of fixed gas fire extinguishing systems equivalent to carbon dioxide smothering systems have been specified	311-05-1963c of 28.07.2023	01.09.2023
5	Part II, para 2.7.1.1.5	Para has been deleted	311-05-1963c of 28.07.2023	01.09.2023
6	Part II, para 4.8.3.1	Requirements for the scope of occasional survey of a ship have been specified	311-05-1963c of 28.07.2023	01.09.2023
7	Part II, para 4.8.4.1	Conditions for reviewing the matters relating to ship keeping out of the fleet monitoring system have been specified	311-05-1963c of 28.07.2023	01.09.2023
8	Annex 2, Table 2.2.1.1	Requirements have been specified for actual hull girder section modulus when performing evaluation of longitudinal strength	311-05-1963c of 28.07.2023	01.09.2023

RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE, 2023,
ND No. 2-020101-012-E

PART II. SURVEY SCHEDULE AND SCOPE

2 PERIODICAL SURVEYS

1 **Table 2.1.1-1. Item 3.2.2** is replaced by the following text:

"

3.2.2	Carbon dioxide smothering system, sprinkler system, foam fire extinguishing system, inert gas system and dry powder system, halon smothering system and fixed gas fire extinguishing systems equivalent to carbon dioxide smothering systems	PE	PE	OPE	PE	PE	OPHE	PE	PE	OPE	PE	PE	OPHE
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2 **Para 2.2.4.3** is replaced by the following text:

"2.2.4.3 For the purpose of survey of fire smothering systems, it shall be checked whether the volume of fire extinguishing medium is sufficient, whether the cylinders bear the stamps of competent organizations, as well as whether the certificates from a recognized laboratory confirming suitability of fire extinguishing medium for the use are available. The suitability of fire extinguishing medium (freon) for use shall be checked by the recognized laboratory annually. Check of suitability of fire extinguishing medium is not required for pressurized fire extinguishing media (freons 1301 (13B1) and 1211 (12B1), INERGEN, etc.).

When surveying fixed gas fire extinguishing systems equivalent to carbon dioxide smothering systems, it shall be checked that the maintenance of such systems is carried out in accordance with the manufacturer's recommendations."

3 **Para 2.4.4.3.9** is replaced by the following text:

"2.4.4.3.9 When surveying the fire extinguishing system using freon 114B2, freon storage tanks shall be internally surveyed in the following cases:

- if the results of the freon quality check indicate the necessity of its replacement by a new one (or regenerated);
- after intended use of freon or after freon release from the tanks;
- after detection of partial or full freon leakage;
- during repair of tanks.

Availability of the required freon quantity shall be checked. The suitability of freon 114B2 for use shall be confirmed by appropriate documents of the recognized laboratory. The system shall be operationally tested by discharge of compressed air instead of freon. Beginning from the third special survey, the necessity of internal survey and hydraulic tests is determined upon results of external examination and tank thickness measurements.

At survey of the systems using freon 1301 (13B1), the cylinders shall be checked for leakage (based on the readings of pressure indicators fitted on each cylinder).

For instructions on survey of cylinders for storage of freon 114B2, as well as freons 1211 (12B1) and 1301 (13B1), refer to 2.4.4.4.1 of Part II "Carrying Out Classification Surveys of Ships" of the Guidelines."

4 **Para 2.4.4.3.13** is introduced reading as follows:

"**2.4.4.3.13** When surveying fixed gas fire extinguishing systems equivalent to carbon dioxide smothering systems, it shall be checked that the maintenance of such systems is carried out in accordance with the manufacturer's recommendations."

5 **Para 2.7.1.1.5** is deleted.

4 OTHER SURVEYS

6 **Para 4.8.3.1** is replaced by the following text:

"**4.8.3.1** An occasional survey of a ship shall be performed in the scope of 2.2 of this Part of the Rules and Section 2 of Part III "Survey of Ships in Compliance with International Conventions, Codes, Resolutions and Rules for the Equipment of Sea-Going Ships" of the Guidelines (with regard to the statutory certificates issued to the ship). The decision to carry out measurement of residual thicknesses in the areas of substantial corrosion shall be taken by the RS surveyor based on the results of the survey of hull structures and ballast tanks subject to be examined at annual intervals."

7 **Para 4.8.4.1** is replaced by the following text:

"**4.8.4.1** The matters relating to ship keeping out of the fleet monitoring system shall be reviewed by RHO upon the shipowner's written request and in case of simultaneous compliance with the following conditions:

- .1 the ship has been in the fleet monitoring system for at least 12 months;
- .2 at least one occasional survey is carried out in accordance with 4.8.3;
- .3 there were no PSC/FSC detentions of the ship in the last 12 months for the reasons associated with deficiencies relating to technical condition of the item of the RS technical supervision;
- .4 the special surveillance regime (SSR) is not applied to the ship."

ANNEXES TO THE RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE, 2023,

ND No. 2-020101-012-E

ANNEX 2

INSTRUCTIONS FOR DETERMINATION OF THE TECHNICAL CONDITION AND REPAIR OF THE HULLS OF SEA-GOING SHIPS

2 INSTRUCTIONS ON ASSESSMENT OF THE HULL TECHNICAL CONDITION

8 **Table 2.2.1.1**. The second sentence in the text of **footnote "****"** is replaced by the following text:

"If permissible residual scantlings of hull members are applied to the ship based on the calculation agreed with the Register and performed in accordance with the Rules for Construction, the allowable diminution of transverse sectional (cross-sectional) areas of deck and bottom with bilge and hull girder section modulus shall be established equal to and less than 10 % of the as-built area/modulus."