



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 340-04-1748c

dated 14.04.2022

Re:

amendments to the Rules for the Classification Surveys of Ships in Service, 2022, ND No.2-020101-012-E based on the experience of technical supervision

Item(s) of supervision:

ships and offshore installations in service

Entry-into-force date:

01.05.2022

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

~~dated~~

Number of pages: 1+4

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Parts I "General Provisions", II "Survey Schedule and Scope" and III "Additional Surveys of Ships Depending on their Purpose and Hull Material"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the Rules for the Classification Surveys of Ships in Service shall be amended as specified in the Appendices to the Circular Letter.

It is necessary to do the following:

1. Familiarize the RS surveyors, interested organizations and persons in the area of the RS Branch Offices' activity with the content of the Circular Letter.
2. Apply provisions of the Circular Letter during surveys of ships and offshore installations in service.

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

Part I: para 2.2.7.2;

Part II: 2.2.4.3, 2.4.4.3.9, 2.10.4.2 and 2.11.2.7.15;

Part III: paras 13.1.1 and 13.1.2, Chapter 13.2

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341

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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 2.2.7.2	Descriptive notation for oil/ore carriers has been specified in accordance with Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships	340-04-1748c of 14.04.2022	01.05.2022
2	Part II, para 2.2.4.3	Requirements for periodicity of the fire extinguishing medium (freon) checks have been specified	340-04-1748c of 14.04.2022	01.05.2022
3	Part II, para 2.4.4.3.9	Requirements for periodicity of the fire extinguishing medium (freon) checks have been specified	340-04-1748c of 14.04.2022	01.05.2022
4	Part II, para 2.10.4.2	Requirements for opening pressure of safety valves of steam boilers have been specified	340-04-1748c of 14.04.2022	01.05.2022
5	Part II, para 2.11.2.7.15	Reference to the applicable requirements of Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships has been specified	340-04-1748c of 14.04.2022	01.05.2022
6	Part III, para 13.1.1	Para has been revised with introduction of the requirements for surveys of barges and non-self-propelled hopper barges	340-04-1748c of 14.04.2022	01.05.2022
7	Part III, para 13.1.2	Para has been deleted due to its irrelevance	340-04-1748c of 14.04.2022	01.05.2022
8	Part III, chapter 13.2	Chapter has been completely revised — chapter has been renamed and requirements for survey of underwater hulls have been specified. Paras 13.3 and 13.4 have been renumbered as 13.2.3 and 13.2.4 accordingly	340-04-1748c of 14.04.2022	01.05.2022

RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE, 2022,

ND No. 2-020101-012-E

PART I. GENERAL PROVISIONS

2 DEFINITIONS AND EXPLANATIONS

1 **Para 2.2.7.2 (except for Figure 2.2.7.2)** is replaced by the following text:

"2.2.7.2 The descriptive notation **Oil/ore carrier** and the distinguishing mark (**ESP**) shall be assigned to sea-going self-propelled ships, which are constructed generally with single deck, two longitudinal bulkheads and a double bottom throughout the cargo length area and intended primarily to carry ore cargoes in the centre holds or of oil cargoes in centre holds and wing tanks. Typical midship sections are given in Fig. 2.2.7.2.

Note. Oil/ore carriers that do not comply with regulation 19 of Annex I to MARPOL 73/78 may be subject to international and/or national regulations requiring phase out under regulations 20 and/or 21 of Annex I to MARPOL 73/78."

PART II. SURVEY SCHEDULE AND SCOPE

2 PERIODICAL SURVEYS

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."

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 fire extinguishing medium (freon) for use shall be checked by the recognized laboratory annually, which shall be confirmed by appropriate documents. 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 2.10.4.2** is replaced by the following text:

"2.10.4.2 Safety valves of steam boilers shall be adjusted at the opening pressure of not more than $1,03P_{working}$. For ships contracted for construction before 29 March 2021, the safety valves of steam boilers with $P_{working} < 1$ MPa may be adjusted at the opening pressure of not more than $1,05P_{working}$.

In all cases, the safety valve shall be adjusted so that at fully opened condition the maximum pressure rise shall not exceed $1,1P_{working}$."

5 **Para 2.11.2.7.15** is replaced by the following text:

"2.11.2.7.15 If while implementing SCM, the shipowner has the intention to submit the shafting for subsequent surveys according to Method 2 only, the distinguishing mark **TMS** (tailshaft¹ modified survey) (refer to 2.2.34, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships) shall be added to the character of classification.

¹ The term "tailshaft" means "propeller shaft".

PART III. ADDITIONAL SURVEYS OF SHIPS DEPENDING ON THEIR PURPOSE AND HULL MATERIAL

13 SURVEYS OF FLOATING DOCKS, BERTH-CONNECTED SHIPS AND BARGES

6 **Para 13.1.1** is replaced by the following text:

"13.1.1 At surveys of berth-connected ships (including floating docks), barges and non-self-propelled hopper barges the requirements of Part I "General Provisions" and of 2.2 and 2.4 of Part II "Survey Schedule and Scope" shall be met taking into account the provisions of this Section."

7 **Para 13.1.2** is deleted.

8 **Chapter 13.2** is replaced by the following text:

"13.2 SURVEY

13.2.1 At survey of metal floating dock hulls shall be taken into account that the following structures are primarily subject to intensive corrosion:

- bottom areas of wing walls between pontoons;
- bottom areas of wing walls in way of openings in the compartments flooded with water;
- lower parts of struts and braces, and brackets used for their attachment to the pontoons;
- structural members in the area of temperature changes (in way of boiler rooms and southern part of wing walls);
- pontoon deck plating and underdeck members;
- pontoon and wing wall sides in way of their abutting on flange connections.

Where substantial corrosion of structural members in the supposed suspect areas is found, measurements of residual scantlings shall be made as deemed necessary by the surveyor.

Survey of the underwater hulls of floating docks (bottom survey) shall be carried out at intervals established in accordance with 2.5.5.5 of Part II "Survey Schedule and Scope". In such case, the data of underwater television, diver's examinations, flaw detection from inside, as well as the calculations of competent organizations carried out in accordance with the procedures specified in the Rules for Construction may be used.

13.2.2 During survey of reinforced concrete hulls of floating docks, berth-connected ships and barges, the technical supervision of the hull structures shall be carried out in compliance with the requirements of Section 14.

13.2.3 Technical supervision of cargo handling gear on floating docks shall be carried out in compliance with the requirements of the Rules for the Cargo Handling Gear of Sea-Going Ships.

13.2.4 When berth-connected ships (including floating docks) are surveyed particular attention shall be given to securing of the ship to shore facilities and anchor arrangement, which shall ensure an adequate anchorage."