



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 314-01-1415c

dated 16.07.2020

Re:

amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2020, ND No. 2-020101-124-E

Item(s) of supervision:

ships under construction

Entry-into-force date:

01.09.2020

~~Valid till:~~

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~~Cancels / 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 XIII "Materials" 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, as well as 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 technical documentation of ships contracted for construction or conversion on or after 01.09.2020 in the absence of a contract, the keels of which are laid or which are at a similar stage of construction on or after 01.09.2020.
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List of the amended and/or introduced paras/chapters/sections:

Part XIII: paras 1.4.3, 3.6.8 and 5.3.5;

Part XIII: para 7.12.2

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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 XIII, para 1.4.3	Requirements for drawing up documents for materials have been specified	314-01-1415c of 16.07.2020	01.09.2020
2	Part XIII, para 3.6.8	Requirements for drawing up documents for steel have been specified	314-01-1415c of 16.07.2020	01.09.2020
3	Part XIII, para 5.3.5	Requirements for drawing up documents for aluminium have been specified	314-01-1415c of 16.07.2020	01.09.2020
4	Part XVII, para 7.12.2	Requirements for the scope of application of hull structural steel rolled products have been specified	314-01-1415c of 16.07.2020	01.09.2020

RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS, 2020

ND No. 2-020101-124-E

PART XIII. MATERIALS

1 GENERAL

1 **Para 1.4.3** is replaced by the following text:

"1.4.3 Documentation.

Every batch of the metallic materials and products, or a separate semi-finished product and a separate item, if the delivery is performed in single pieces, which passed the tests, shall be accompanied by the Register certificate.

1.4.3.1 Manufacturer's Certificate.

The Register representative simultaneously with the submission of the final material or in advance shall be presented with the Manufacturer's Certificate for Material. The Certificate shall be attested by the works quality division, witnessed by the authorized person, and, as minimum, shall contain the following data:

name of the works and the order number;

project number, if known;

name, number, dimensions and mass of the semi-finished product with indication of the drawing number or sketch (if applicable);

mark (grade) of the material, type of alloy, number of ladle and chemical composition;

identification number;

type and mode of heat treatment (if necessary);

mechanical test results;

non-destructive testing results (satisfactory or unsatisfactory), if applied.

1.4.3.2 The Register Certificate, at least, shall contain the following data:

order number;

building project, if known;

name, number, dimensions and mass of the material;

mark (grade) of the material and condition of supply;

number of Manufacturer's Certificate;

number of batch or semi-finished product or identification number, which enables to identify the supplied material;

drawing number (if applicable).

The obligatory supplement to the Register certificate shall be the Manufacturer's Certificates attested by the authorized representative of the Manufacturer."

3 STEEL AND CAST IRON

2 **Para 3.6.8** is replaced by the following text:

"3.6.8 Marking and documentation.

Generally, the marking shall be made in accordance with the requirements of 1.4.

The marking content shall allow the identification of the supplied product and may be prescribed by the manufacturer. In this case, as a minimum, the marking shall indicate the grade and heat the rolled products belong to.

Round bars up to and including 40 mm in diameter may be supplied in bundles with the marking allowed to be made on labels (refer to 1.4).

Each batch of steel for grade 2, 3, R3, R3S and R4 cable chains shall be accompanied by the Register certificate.

The Manufacturer's Certificates shall contain at least the following data:

document number;

order number;

hull number of ship or floating facility;

rolled products quantity and dimensions, batch weight;

specification for steel, and chain cable grade;

heat number;

manufacturing methods;

chemical composition;

procedure for sample heat treatment."

5 ALUMINIUM ALLOYS

3 **Para 5.3.5** is replaced by the following text:

"5.3.5 Documents.

5.3.5.1 If supply is provided by piece, every batch of semi-finished product, which has undergone testing shall be provided with the Manufacturer's Certificate or Register Certificate. The Manufacturer's Certificate shall include, as a minimum:

order number;

construction project number, when known;

name, number, dimensions and weight of the semi-finished product;

alloy designation (grade) and temper condition;

batch number or semi-finished product number, or identification number, which allows to identify the material delivered.

The results of chemical analysis, mechanical tests and corrosion tests (if any) are the mandatory supplement to the Manufacturer's Certificate. The results of those tests shall confirm the material compliance with the Register requirements."

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

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

4 **Para 7.12.2** is replaced by the following text:

"7.12.2 Steel plates and sections for hull structural members intended for prolonged exposure to low service temperatures shall be selected in accordance with 1.2.3, Part II "Hull" with due regard to the adopted value of design ambient temperature. Proceeding from the selected strength level and service conditions, the requirements for steel are specified in 3.2, 3.5, 3.13, 3.14 and 3.17 of Part XIII "Materials".

If the hull structural steel rolled products selected for hull structural members exceed 50 mm in thickness or if design service temperature of hull structural members is below -50°C , the use of hull structural steel marked with index "Arc" is recommended.

Steel for machinery and equipment foundations installed on the open decks, in open and enclosed unheated spaces shall comply with the requirements of 1.2.3.1, Part II "Hull" for structural members of category I.

The design temperature of structure shall be assumed according to 7.2.6."