



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 314-04-1851c

dated 10.11.2022

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:

rolled steel products

Entry-into-force date:

01.12.2022

Cancels / amends / adds Circular Letter No.

dated

Number of pages: 1 + 2

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Parts XIII "Materials"

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 on ships and materials used on ships contracted for construction or conversion on or after 01.12.2022, in case of absence of a ship's data, during review and approval of documentation on materials requested for review on or after 01.12.2022.

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

Rules for the Classification and Construction of Sea-Going Ships

Part XIII: para 3.2.1.1

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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 XIII, para 3.2.1.1	Requirements for hull structural rolled steel have been specified	314-04-1851c of 10.11.2022	01.12.2022

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

ND No. 2-020101-152-E

PART XIII. MATERIALS

3 STEEL AND CAST IRON

Para 3.2.1.1 is replaced by the following text:

"3.2.1.1 The requirements of the Chapter apply to the weldable hot-rolled steel of a normal and higher strength used for plates, strips, sections and bars and intended for hull structures and components being subject to the Register survey during their manufacture.

Hull structural steel conventionally falls into normal strength steel (a minimum yield stress 235 MPa) and higher strength steel (of three strength levels with a minimum yield stress of 315, 355 and 390 MPa, respectively). The requirements for high strength steel (a minimum yield stress 420 MPa and over) are given in 3.13.

The steel is subdivided into grades as shown in Tables 3.2.2-1 (for normal strength steel), 3.2.2-2, 3.2.3 and 3.5.2.3 (for higher strength steel) depending on the values and conditions required for the performance of impact testing. The relevant data for high strength steel are given in Table 3.13.3-1.

The requirements of normal and higher strength corrosion-resistant steel for cargo oil tanks are specified in 3.18.

The requirements of the Chapter depending on the rolled products thickness apply to the steel of the following types:

steel plates and strips of all grades having thickness 150 mm and less;

steel sections and bars of all grades having thickness 50 mm or less.

The requirements for steel rolled products of a larger thickness than specified above may be different from the stated ones, but shall be considered in each particular case and agreed with the Register. The special requirements for the rolled products with thickness of less than 15 mm designed for the ice class ships and icebreakers are specified in 3.5.

Steel that does not fully meet the requirements stated in this Chapter, differs in composition, deoxidation practice and alloying may be accepted by the Register for use. Such steel shall be given a special designation, the letter S shall be added to the grade symbol."