



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 314-01-1320c

dated 31.01.2020

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:

01.04.2020

Valid till:-

Validity period extended till:-

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"

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 (or equipment installed on board the ships, or products/machinery installed on board the ships) contracted for construction or conversion on or after 01.04.2020.
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List of the amended and/or introduced paras/chapters/sections:

Part XIII: paras 1.5.5, 2.5.2.3, 3.15.2.4, 6.6.4 and 8.3.1

Person in charge: Maxim E. Yurkov

314

+7 812 605-05-29 ext. 2233

"Thesis" System No. 20-13963

**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	Para 1.5.5	Requirements for the report of testing of products have been specified (for the Russian version of the Rules only)	314-01-1320c of 31.01.2020	01.04.2020
2	Para 2.5.2.3	A reference to the ISO standard has been specified	314-01-1320c of 31.01.2020	01.04.2020
3	Para 3.15.2.4	A new para with the requirements for wire ropes with steel core has been introduced considering other RS normative documents	314-01-1320c of 31.01.2020	01.04.2020
4	Para 6.6.4	Requirements for testing of ropes of synthetic fibre have been specified	314-01-1320c of 31.01.2020	01.04.2020
5	Para 8.3.1	Requirements for anchor shackle have been specified considering IACS UR W29	314-01-1320c of 31.01.2020	01.04.2020

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

ND No. 2-020101-124-E

PART XIII. MATERIALS

2 PROCEDURES OF TESTING

- 1 **Para 2.5.2.3** is replaced by the following text:

"2.5.2.3 Assessment of test results.

Coatings are considered to have passed the tests if adhesion on two of three specimens is classed below 3 as per ISO 2409 and ISO 16276-2."

3 STEEL AND CAST IRON

- 2 A **new para 3.15.2.4** is introduced reading as follows:

"3.15.2.4 Use of ropes with steel core is permitted if so indicated in other RS normative documents."

6 PLASTICS AND MATERIALS OF ORGANIC ORIGIN

- 3 **Para 6.6.4** is replaced by the following text:

"6.6.4 A rope of synthetic fibre shall undergo testing to determine fracture elongation when requested by the customer.

The fracture elongation of a rope A_{δ} , in %, is determined by the formula

$$A_{\delta} = \frac{l_p - l_0}{l_0} \times 100 \quad (6.6.4)$$

where l_0 = initial length of the rope specimen tested, in cm;
 l_p = length of the same rope specimen under the load equal to the breaking load on the rope as a whole, which shall be found in the standard, in cm."

- 4 **Para 8.3.1.** The text of the para is replaced by the following text:

"8.3.1 Tolerance.

If not otherwise specified in standards or on drawings and in specifications, the following tolerance shall be applied.

The clearance either side of the shank within the shackle jaws shall be:

3 mm – for small anchors up to 3 t in weight;

4 mm – for anchors from 3 t to 5 t in weight;

6 mm – for anchors from 5 t to 7 t in weight;

12 mm – for anchors 7 t and over in weight.

The shackle pin shall be a push fit in the eyes of the shackle which shall be chamfered on the outside to ensure a good tightness when the pin is clenched over on fitting. The shackle pin

to hole tolerance shall be no more than 0,5 mm for pins up to 57 mm and 1,0 mm for pins of larger diameter.

The trunnion pin shall be a snug fit within the chamber and be long enough to prevent horizontal movement. The gap shall be no more than 1 % of the chamber length.

The lateral movement of the shank shall not exceed 3 deg (refer to Fig. 8.3.1).".