



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 313-67-1620c

dated 20.08.2021

Re:

amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2021, ND No. 2-020101-138-E, considering the experience of technical supervision

Item(s) of supervision:

intermediate shafts, air compressors

Entry-into-force date:

01.11.2021

~~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 VII "Machinery Installations" and IX "Machinery"

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, 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 the technical documentation on the intermediate shafts and air compressors intended for the ships contracted for construction or conversion on or after 01.11.2021, in the absence of a contract – on ships, the keels of which are laid, or which are at a similar stage of construction on or after 01.11.2021, as well as during review and approval of the machinery installations requested for survey on or after 01.11.2021.
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List of the amended and/or introduced paras/chapters/sections:

Part VII: Appendix 2

Part IX: Para 5.1.2.1

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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 VII, Appendix 2	Requirements have been specified for forgings for steel alloy intermediate shafts	313-67-1620c of 20.08.2021	01.11.2021
2	Part IX, para 5.1.2.1	Requirements have been specified for air compressors structure	313-67-1620c of 20.08.2021	01.11.2021

**RULES FOR THE CLASSIFICATION AND CONSTRUCTION
OF SEA-GOING SHIPS, 2021,**

ND NO. 2-020101-138-E

PART VII. MACHINERY INSTALLATIONS

APPENDIX 2

SPECIAL APPROVAL OF ALLOY STEEL FOR INTERMEDIATE SHAFT MATERIAL

2 CARRYING OUT OF TESTS

1 New **Para 2.4** is introduced reading as follows:

"2.4 Ultrasonic testing of forgings that meet the requirements for 3.7, Part XIII "Materials" shall be carried out prior to the issuance of the Register Certificate. The criteria for the acceptance of ultrasonic testing shall comply with the requirements given in 2.5, Part III "Technical Supervision during Manufacture of Materials" of the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, or in the agreed national or international standards."

PART IX. MACHINERY

5 AUXILIARY MACHINERY

2 **Para 5.1.2.1** is replaced by the following text:

"5.1.2.1 Each compressor stage or directly after it shall be fitted with a safety device preventing the pressure rise in the stage above 1,1 of the rated pressure when the delivery pipe valve is closed.

The safety device design shall prevent any possibility of its adjustment or disconnection after being fitted on the compressor."