



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 313-67-1661c**

dated 15.11.2021

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Re:

amendments to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2021, ND No. 2-020101-139-E

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Item(s) of supervision:

shafts and spark arresters

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Entry-into-force date:

**01.01.2022**

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

~~dated~~

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Number of pages: 1+2

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Sections 6 and 8 of Part IV "Technical Supervision during Manufacture of Products"

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Director General

Konstantin G. Palnikov

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Text of CL:

We hereby inform that considering the results of scientific research and the experience in technical supervision, the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships shall be amended as specified in the Appendices to the Circular Letter.

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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 the technical documentation on spark arresters and shafts intended for application on ships contracted for construction on or after 01.01.2022, and in the absence of a contract – on ships the keels of which are laid, or which are at a similar stage of construction on 01.01.2022, as well as when performing technical supervision during manufacture of products requested for survey on or after 01.01.2022.
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List of the amended and/or introduced paras/chapters/sections:

Part IV: Paras 6.2.17 and 8.6.1

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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	Para 6.2.17	Requirement for shafts of fiber-reinforced plastic has been introduced	313-67-1661c of 15.11.2021	01.01.2022
2	Para 8.6.1	Reference to the applicable requirement has been specified	313-67-1661c of 15.11.2021	01.01.2022

## **RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2021,**

### **ND No. 2-020101-139-E**

#### **PART IV. TECHNICAL SUPERVISION DURING MANUFACTURE OF PRODUCTS**

##### **6 SHAFTING COMPONENTS**

1 New **Para 6.2.17** is introduced reading as follows:

**"6.2.17** Having been manufactured a shaft of fiber-reinforced plastic shall be tested by application of a static load equal to the design moment."

##### **8 SYSTEMS AND PIPING**

2 **Para 8.6.1** is replaced by the following text:

**"8.6.1** Spark arresters required in 11.1.3 of Part VIII "Systems and Piping" of the Rules for the Classification and Construction of Sea-Going Ships shall be manufactured in accordance with the technical documentation approved by the Register. During the supervision, it is necessary to check:

- .1 compliance of the materials, technological processes and scope of inspection of the welded joints with the approved technical documentation;
- .2 tightness of the joints, closures, penetrations of pipes and fittings;
- .3 availability of structural arrangements to provide effective spark arresting;
- .4 availability of arrangements for clearing and draining tar;
- .5 reliability of devices preventing in the wet type spark arresters water penetration into the engines and/or boilers;
- .6 reliability of the measures to protect the insulation from damages."