



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 313-67-1621c**

dated 20.08.2021

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Re:

amendments to the Rules for the Classification and Construction of Small Sea Fishing Vessels, 2021, ND No. 2-020101-148-E, considering the experience of technical supervision

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Item(s) of supervision:

machinery installations, materials of machinery installation elements and machinery parts, centrifugal separators, hydraulic machinery

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Entry-into-force date:

**01.10.2021**

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

~~dated~~

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Number of pages: 1 + 3

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Parts VII "Machinery Installations" and IX "Machinery"

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Director General

Konstantin G. Palnikov

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Text of CL:

We hereby inform that the Rules for the Classification and Construction of Small Sea Fishing Vessels 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, 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 machinery installations and machinery intended to be used on ships contracted for construction or conversion starting from 01.10.2021, in the absence of a contract, the keels of which are laid or which are at a similar stage of construction on or after 01.10.2021, as well as when performing technical supervision during manufacture of machinery installations and machinery requested for survey on or after 01.10.2021.
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List of the amended and/or introduced paras/chapters/sections:

Part VII: paras 1.1.1, 1.3.2, 2.3.1 — 2.3.7, 4.3.1 — 4.3.4, 4.4.5, 4.6.2, 8.1.2 and 9.1.2

Part IX: paras 1.3.4, 4.3.1 and 6.3.1

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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, para 1.1.1	Flash point of oil fuel used for internal combustion engines has been specified	313-67-1621c of 20.08.2021	01.10.2021
2	Part VII, para 1.3.2	Scope of supervision has been specified	313-67-1621c of 20.08.2021	01.10.2021
3	Part VII, paras 2.3.1 — 2.3.6	Requirements have been specified for materials of machinery installation elements	313-67-1621c of 20.08.2021	01.10.2021
4	Part VII, para 2.3.7	Para has been renumbered	313-67-1621c of 20.08.2021	01.10.2021
5	Part VII, paras 4.3.1 — 4.3.3	Requirements have been specified for the arrangement of oil fuel tanks	313-67-1621c of 20.08.2021	01.10.2021
6	Part VII, para 4.3.4	Para has been renumbered	313-67-1621c of 20.08.2021	01.10.2021
7	Part VII, para 4.4.5	Reference has been specified	313-67-1621c of 20.08.2021	01.10.2021
8	Part VII, para 4.6.2	Reference has been specified	313-67-1621c of 20.08.2021	01.10.2021
9	Part VII, para 8.1.2	Reference has been specified	313-67-1621c of 20.08.2021	01.10.2021
10	Part VII, para 9.1.2	Reference has been specified	313-67-1621c of 20.08.2021	01.10.2021
11	Part IX, para 1.3.4	Requirements have been specified for materials of machinery parts	313-67-1621c of 20.08.2021	01.10.2021
12	Part IX, para 4.3.1	Requirements have been specified for installation and design of centrifugal separators	313-67-1621c of 20.08.2021	01.10.2021
13	Part IX, para 6.3.1	Requirements have been specified for the safety valves of hydraulic machinery	313-67-1621c of 20.08.2021	01.10.2021

## **RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SMALL SEA FISHING VESSELS, 2021,**

### **ND No. 2-020101-148-E**

#### **PART VII. MACHINERY INSTALLATIONS**

##### **1 GENERAL**

1 **Para 1.1.1** is replaced by the following text:

"**1.1.1** The requirements of the present Part are set forth proceeding from the condition that flash point of oil fuel used for internal combustion engines is not below 55° C."

2 **Para 1.3.2** is replaced by the following text:

"**1.3.2** Machinery, heat exchangers and pressure vessels, shafting parts and assemblies, propellers and control systems of machinery and propellers, manufactured under the supervision of the Register or other classification society — IACS member in compliance with the approved documentation and having their certificates, may be installed onboard the ship."

##### **2 GENERAL REQUIREMENTS**

3 **Para 2.3.1** is replaced by the following text:

"**2.3.1** Materials for the manufacture of parts of shaftings and propellers shall comply with the requirements of 2.4, Part VII "Machinery Installations" of the RS Rules."

4 **Paras 2.3.2 — 2.3.6** are deleted, **para 2.3.7** is renumbered **2.3.2**.

##### **4 MACHINERY SPACES. ARRANGEMENT OF MACHINERY AND EQUIPMENT**

5 **Para 4.3.1** is replaced by the following text:

"**4.3.1** The requirements of 4.3.1 — 4.3.3, Part VII "Machinery Installations" of the RS Rules shall be complied with."

6 **Paras 4.3.2 and 4.3.3** are deleted; **para 4.3.4** is renumbered **4.3.2**.

7 **Para 4.4.5** is replaced by the following text:

"**4.4.5** Installation procedure for machinery on plastic pads shall be submitted to the Register for review. Polymeric materials used for the pads shall comply with the requirements of Section 6, Part XIII "Materials" of the RS Rules."

8 **Para 4.6.2** is replaced by the following text:

"**4.6.2** The insulating materials and surface of insulation shall comply with the requirements of 2.1.1, Part VI "Fire Protection" of the RS Rules."

## **8 TORSIONAL VIBRATION**

9 **Para 8.1.2** is replaced by the following text:

"**8.1.2** Calculations and measurement of torsional vibration shall be performed in compliance with the requirements of Section 8, Part VII "Machinery Installations" of the RS Rules."

## **9 VIBRATION OF MACHINERY AND EQUIPMENT**

10 **Para 9.1.2** is replaced by the following text:

"**9.1.2** Vibration measurements of machinery and equipment shall be taken after construction of the ship according to the program approved by the Register in compliance with 18.6 of the Guidelines on Technical Supervision of Ships under Construction."

## **PART IX. MACHINERY**

### **1 GENERAL**

11 **Para 1.3.4** is replaced by the following text:

"**1.3.4** Materials intended for manufacture of the machinery parts shall comply with the requirements of 1.6, Part IX "Machinery" of the RS Rules."

### **4 AUXILIARY MACHINERY**

12 **Para 4.3.1** is replaced by the following text:

"**4.3.1** The requirements of Part VII "Machinery Installations" of the RS Rules shall be followed during installation of centrifugal separators, and their design shall comply with the requirements of Part IX "Machinery" of the RS Rules."

### **6 HYDRAULIC DRIVES**

13 **Para 6.3.1** is replaced by the following text:

"**6.3.1** The hydraulic machinery shall be protected by safety valves, while operating pressure shall not exceed 1,1 times of the maximum rated pressure, except for the cases specified in 5.2.6."