



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 315-05-1207c

dated 25.03.2019

Re:

amendments to the Rules for Technical Supervision During Construction of Ships and Manufacture of Materials and Products for Ships, 2018, ND No. 2-020101-040-E

Item(s) of supervision:

conductors and busbars insulated and uninsulated

Entry-into-force date:

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part IV "Technical Supervision during Manufacture of Products"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that in connection with coming in force of IACS Recommendation 67 (Rev.1 June 2018) 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.

The text of the new revision of IACS Recommendation 67 (Rev.1 June 2018) is posted on the RS official website in the Section "External Normative Documents".

It is necessary to do the following:

1. Apply the provisions of the Circular Letter during review and approval of technical documentation of ships.
 2. Bring the content of the Circular Letter to the notice of RS surveyors and interested persons in the area of RS Branch Offices' activity.
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List of the amended and/or introduced paras/chapters/sections:

Part IV: paras 10.7.16 – 10.7.19

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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 10.7.16, Table 10.7.16.1	The information on tests of the busbars arranged outside of switchboards instead of cables has been introduced	315-05-1207c of 25.03.2019	25.03.2019
2	Paras 10.7.16 – 10.7.18, Table 10.7.16.1	The Paras and Table have been renumbered	315-05-1207c of 25.03.2019	25.03.2019

**RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND
MANUFACTURE OF MATERIALS, 2018,
ND No. 2-020101-040-E**

PART IV. TECHNICAL SUPERVISION DURING MANUFACTURE OF PRODUCTS

10ELECTICAL EQUIPMENT

1 New para **10.7.16** is introduced reading as follows:

"10.7.16 Tests of the busbars arranged outside of switchboards for supplying section and/or distribution boards of consumers.

10.7.16.1 The scope of tests and checks of the busbars arranged outside of switchboards for supplying section and/or distribution boards of consumers instead of cables is given in Table 10.7.16.1.

Table 10.7.16.1

Nos	Test	Requirements for test procedure	Notes
1	Temperature rise test	IEC 61439-6	
2	Short-circuit strength test	IEC 61439-6	
3	Verification of resistance and reactance	IEC 61439-6	
4	Verification of structural strength	IEC 61439-6	The enclosure of the system shall be designed to be sufficiently robust, or alternatively additionally protected, to withstand normal mechanical forces which may be expected on board ships
5	Insulation resistance test for main and auxiliary circuits	para 3.1 of Appendix 1 to Section 12	
6	High-voltage test for main and auxiliary circuits	para 3.2 of Appendix 1 to Section 12	
7	Vibration test	IEC 60068-2-6 Test Fc	
8	Fire test	IEC 60332-1-1 and IEC 60322-1-2	
9	Verification of protection degree	IEC 60529	
10	EMC tests	para 3.4 of Appendix 1 to Section 12	Only if electronic devices form part of the busbar system

2 **Paras 10.7.16 – 10.7.18** (existing) are renumbered **10.7.17 – 10.7.19**, respectively, and **Table 10.7.16.1** (existing) is renumbered **10.7.17.1**."