RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER **No. 315-23-1659c** dated 12.11.2021

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

Item(s) of supervision:

cable products

Entry-into-force date:
01.07.2022

~~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 Section 10, Part IV "Technical Supervision during Manufacture of Products"

Director General Konstantin G. Palnikov

Text of CL:

We hereby inform that 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.

It is necessary to do the following:

1. Bring the content of the Circular Letter to the notice of the RS surveyors and interested organizations 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 products as well as when performing technical supervision during manufacture of products, when the requests for service rendering listed above are received on or after 01.07.2022.

List of the amended and/or introduced paras/chapters/sections:

Part IV: Para 10.7.14.14; Table 10.7.15.1

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Appendix 1 to Circular Letter
No. 315-23-1659c dated 12.11.2021

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 10.7.14.14	Para 10.7.14.14 has been supplemented by a reference to standard IEC 60332-1-2 + AMD1: 2015 or an equivalent procedure. Title of IEC 61892-4 has been corrected	315-23-1659c of 12.11.2021	01.07.2022
2	Table 10.7.15.1	In item 8, the titles of IEC 60332-1-1 and 60332-1-2 have been corrected	315-23-1659c of 12.11.2021	01.07.2022

Appendix 2 to Circular Letter
No. 315-23-1659c dated 12.11.2021

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

10 ELECTRICAL EQUIPMENT

1 **Para 10.7.14.14** is replaced by the following text:

"**10.7.14.14** The test for flame resistance (flame retardance) shall be performed on a standard test set according to the approved program and procedure in compliance with IEC 60332-1-2 + AMD1:2015 or any test procedure equivalent thereto.

For cable products intended for use on decks of the mobile offshore drilling units (MODU), fixed offshore platforms (FOP), floating offshore oil-and-gas production units (FPU), drilling ships, supply vessels for drilling platforms as well as in those premises of the above ships and structures where drilling mud may spill on these products the tests for resistance of cable against drill mud shall be carried out in addition to tests for resistance to oil products in compliance with the IEC standard 61892-4 : 2019.".

2 **Table 10.7.15.1** is replaced by the following:

"Table 10.7.15.1

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 60332-1-1:2004 + AMD1:2015 and IEC 60332-1-2 + AMD1:2015	
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

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