



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No 315-05-1304c

dated 05.12.2019

Re:

amendments introduced to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships in connection with the necessary updating of the RS requirements

Item(s) of supervision:

cable products

Entry-into-force date:

01.01.2020

~~Valid till:~~

~~Validity period extended till:~~

~~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 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 at re-publication in 2020 as specified in the Appendices to the Circular Letter.

It is necessary to do the following:

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.

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

Part IV: para 10.7.15.1

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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 10.7.15.1.	The requirements for tests for resistance of cable products against drill mud have been specified	315-05-1304c of 05.12.2019	01.01.2020

**RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND
MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2019,**

ND No. 2-020101-118-E

PART IV. TECHNICAL SUPERVISION DURING MANUFACTURE OF PRODUCTS

10 ELECTRICAL EQUIPMENT

Para 10.7.15.1 is replaced by the following text:

"**10.7.15.1** The scope of tests and checks of cable products is given in Table 10.7.15.1. When cable products are manufactured according to the international or national standards in accordance with 16.8.1.1, Part XI "Electrical Equipment" of the Rules for the Classification and Construction of Sea-Going Ships, the scope of tests and test methods may be changed upon agreement with the Register.

Prior to the beginning of tests and checks, the materials containing the results of testing physical, mechanical and other properties of insulation and sheathing of which the specimens were tested using the procedures specified in the approved technical documentation, shall be submitted to the Surveyor. For all products, such tests include the determination of strength at the rupture and lengthening of insulation and sheathing, of heat stability and cold endurance, thermal ageing and electrical characteristics.

For products designed for operation on open decks of ships, the sheathing resistance to seawater and solar radiation shall additionally be assessed.

For products designed for operation in engine rooms and on decks of tankers, the sheathing resistance to oil products shall also be assessed.

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. For hydrocarbon- and ether-based drill mud, such tests shall be performed in compliance with the 2007 edition of the standard (IEC standard 61892-4:2007), or in compliance with the national standards.

In the documents issued by RS for cable products, the specific types (groups) of drill mud shall be indicated, for resistance to which the relevant tests have been performed."