



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 315-05-1458c

dated 06.11.2020

Re:

amendments to the Rules of the Classification and Construction of Sea-Going Ships

Item(s) of supervision:

electric motors

Entry-into-force date:

01.01.2021

Valid till:-

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Cancels / amends / adds Circular Letter No.-

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Number of pages:

1+2

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part XI "Electrical equipment"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that at re-publication in 2021 the Rules for the Classification and Construction of Sea-Going 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, 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 technical documentation on ships, as well as when performing technical supervision during manufacture of equipment intended for use on ships from the entry-into-force date of amendments.
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List of the amended and/or introduced paras/chapters/sections:

Part XI: para 18.3.4.5

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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 18.3.4.5	Requirements for differential protection of electric motors designed for a voltage in excess of 1000 V have been specified	315-05-1458c of 06.11.2020	01.01.2021

RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS, 2020,
ND No. 2-020101-124-E

PART XI. ELECTRICAL EQUIPMENT

**18 ADDITIONAL REQUIREMENTS FOR ELECTRICAL EQUIPMENT DESIGNED
FOR A VOLTAGE IN EXCESS OF 1000 V UP TO 15 KV**

Para 18.3.4.5 is replaced by the following text:

"**18.3.4.5** Motors having the rated power 2000 kW and over shall be fitted with differential protection devices. For this purpose, a separate lead box shall be provided on a motor casing, located on the opposite side from the main box, in which a sufficient space for three current transformers and leads of neutral winding ends shall be provided.

In case of the impossibility, due to the small size of the engine room, to mount the above-mentioned lead box on the opposite side from the main box, the said box may be mounted at any convenient place on the motor casing."