



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 315-08-1118c

dated **04.04.2018**

Re:

amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2018,
ND No. 2-020101-104-E

Item(s) of technical supervision:

main machinery and electric propulsion plant control systems

Implementation:

from the date of publication

Valid till:

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Cancels / amends/ supplements Circular Letter No.

dated --

Number of pages: **1+1**

Appendix(-ces):

text of amendments to Parts XI "Electrical Equipment" and XV "Automation"

Director General

K.G. Palnikov

Text of CL:

We hereby inform that the Rules for the Classification and Construction of Sea-Going Ships shall be amended as specified in the Appendix to the Circular Letter.

The above amendments will be introduced into the Rules at their re-publication.

It is necessary to do the following:

1. Familiarize the surveyors of the RS Branch Offices with the content of the Circular Letter.
2. Bring the content of the Circular Letter to the notice of the interested organizations in the area of the RS Branch Offices' activity.
3. Apply the provisions of the Circular Letter.

List of ND amended and introduced paras/chapters/sections (to specify in the List of Circular Letters (form 8.3.36)):

Part XI: para 17.14.6

Part XV: para 3.1.2

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**RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS,
2018,**

ND No. 2-020101-104-E

PART XI. ELECTRICAL EQUIPMENT

17 ELECTRIC PROPULSION PLANTS

New para 17.14.6 shall be introduced reading as follows:

"17.14.6 Power supply of electric propulsion plant control systems.

17.14.6.1 Power supply of the remote control system of electric propulsion plant shall be carried out in accordance with 3.1.2, Part XV "Automation".

17.14.6.2 Arrangements (units) of control or controllers of each electric propulsion motor or semiconductor frequency converter shall be supplied by separate circuits. Malfunction in the supply circuit of one of such control units shall not cause loss of power supply to the remaining operative units."

PART XV. AUTOMATION

3 POWER SUPPLY OF AUTOMATION SYSTEMS

Para 3.1.2 shall be amended to read:

"3.1.2 The control systems of main machinery shall be supplied by two separate feeders from separate sections of the main switchboard or from switchboards intended for the power supply of essential services and connected to the separate sections of the main switchboard. If main switchboard busbars are not divided into sections, one of the feeders may be connected to the main switchboard and the other may be connected to the supply switchboard of essential services or to the nearest distribution board. The changeover from one feeder to another shall be effected automatically with appropriate signal activated at the control station."