



# RUSSIAN MARITIME REGISTER OF SHIPPING

---

**CIRCULAR LETTER**

**No. 315-23-1599c**

dated 08.07.2021

---

Re:

amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2021, ND No. 2-020101-138-E

---

Item(s) of supervision:

electrical machines, electrical equipment of fishing and processing machinery

---

Entry-into-force date<sup>1</sup>:

**01.09.2021**

---

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 XI "Electrical Equipment"

---

Acting Director General

Sergey A. Kulikov

---

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 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 of technical supervision on ships contracted for construction or conversion on or after 01.09.2021, in the absence of a contract, on ships, the keels of which are laid or which are at a similar stage of construction on or after 01.09.2021.
- 

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

Part XI: paras 8.2.6, 10.5.1, 17.7.1.6 and 19.10.2 — 19.10.8

---

Person in charge: Mikhail A. Likhnev

315

+7 (812) 605-05-17

"Thesis" System No. 21-157680

---

<sup>1</sup> Service remarks (*delete as appropriate*): ~~contains~~ / does not contain mandatory international/national requirements / ~~urgent implementation is required~~.

**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 8.2.6	Requirements for protection of generators have been specified considering IEC 60092-2	315-23-1599c of 08.07.2021	01.09.2021
2	Para 10.5.1	Requirements for overcurrent of generators have been specified considering IEC 60034-1	315-23-1599c of 08.07.2021	01.09.2021
3	Para 17.7.1.6	Requirements for protection of generators of electric propulsion plants have been specified	315-23-1599c of 08.07.2021	01.09.2021
4	Para 19.10.2	Para has been deleted; existing paras 19.10.3 — 19.10.8 and references thereto have been renumbered 19.10.2 — 19.10.7 accordingly.	315-23-1599c of 08.07.2021	01.09.2021

**RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS, 2021,  
ND No. 2-020101-138-E**

**PART XI. ELECTRICAL EQUIPMENT**

**8 PROTECTIVE DEVICES**

1 **Para 8.2.6** is replaced by the following text:

"**8.2.6** Generators with the ratings of 1500 kVA and above shall be equipped with protective device or protective system, which shall open the circuit-breaker and shut down the generator in the event of a short circuit in the generator or in the supplying cable between the generator and its circuit-breaker. This requirement shall not apply to emergency generators."

**10 ELECTRICAL MACHINES**

2 **Para 10.5.1** is replaced by the following text:

"**10.5.1** Generators shall be so designed that after reaching the steady-state temperature corresponding to the rated load they shall be capable of sustaining overcurrent as specified in Table 10.5.1.

Table 10.5.1

Type of generator	Overcurrent, %	Duration of overload, s
A.c. with ratings not more than 1200 kVA	50	30
A.c. with ratings more than 1200 kVA	50	15
D.c.	50	15

**17 ELECTRIC PROPULSION PLANTS**

3 **Para 17.7.1.6** is replaced by the following text:

"**17.7.1.6** Means of protection of generators shall comply with the requirements specified in 8.2."

**19 REQUIREMENTS FOR ELECTRICAL EQUIPMENT PROCEEDING FROM SHIP PURPOSE**

4 **Para 19.10.2** is deleted. Existing paras 19.10.3 — 19.10.8 and references thereto are renumbered 19.10.2 — 19.10.7 accordingly.