



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 315-23-1647c**

dated 18.10.2021

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Re:

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

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Item(s) of supervision:

electric drives of watertight doors

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Entry-into-force date:

**01.01.2024**

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Cancels / amends / adds Circular Letter No.

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dated -

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Number of pages:

1 + 2

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

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

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Director General

Konstantin G. Palnikov

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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.

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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 provisions of the Circular Letter during review and approval of the technical documentation on ships contracted for construction or conversion on or after 01.01.2024, 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 01.01.2024, as well as during review and approval of the technical documentation on ships, the delivery of which is on or after 01.01.2024.
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List of the amended and/or introduced paras/chapters/sections:

Part XI: paras 4.3.1.19, 5.10.2, 5.10.4, Chapter 7.10 and para 7.10.1

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"Thesis" System No. 21-246299

**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 4.3.1.19	Requirements for power supply of consumers from the main switchboard busbars of the main switchboard have been specified considering IMO resolution MSC.474 (102)	315-23-1647c of 18.10.2021	01.01.2024
2	Para 5.10.2	Requirements for supply of watertight doors have been specified considering IMO resolution MSC.474 (102)	315-23-1647c of 18.10.2021	01.01.2024
3	Para 5.10.4	Requirements for IPX 8 protection of enclosures of electrical components of watertight doors situated below the bulkhead deck have been specified considering IMO resolution MSC.474 (102)	315-23-1647c of 18.10.2021	01.01.2024
4	Chapter 7.10	The title of the chapter has been specified considering IMO resolution MSC.482 (103)	315-23-1647c of 18.10.2021	01.01.2024
5	Paras 7.10.1 — 7.10.8	New para 7.10.1 determining applicability of the requirements of Chapter 7.10 has been introduced considering IMO resolution MSC.482 (103); existing paras 7.10.1 — 7.10.7 have been renumbered 7.10.2 — 7.10.8 accordingly	315-23-1647c of 18.10.2021	01.01.2024

## **RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS, 2021**

**ND No. 2-020101-138-E**

### **PART XI. ELECTRICAL EQUIPMENT**

#### **4 DISTRIBUTION OF ELECTRICAL POWER**

1 **Para 4.3.1.19** is replaced by the following text:

**".19** switchboards of devices holding fire doors in open position and switchboards of alarms for position and closure of fire doors;"

#### **5 ELECTRIC DRIVES FOR SHIPBOARD MECHANISMS AND EQUIPMENT**

2 **Para 5.10.2** is replaced by the following text:

**"5.10.2** The electrical power required for power-operated sliding watertight doors shall be supplied from the emergency switchboard either directly or by a dedicated distribution board situated above the bulkhead deck. The associated control, indication and alarm circuits shall be supplied from the emergency switchboard either directly or by a dedicated distribution board situated above the bulkhead deck and be capable of being automatically supplied by the transitional source of emergency electrical power required by 9.3.4.3 in the event of failure of either the main or emergency source of electrical power."

3 **Para 5.10.4** (after the text of **para 5.10.4.3**) is supplemented with the following text:

"The water pressure IPX 8 shall be based on the pressure that may occur at the location of the component during flooding for a period of 36 h."

#### **7 INTERNAL COMMUNICATION AND SIGNALING**

4 Title of **Chapter 7.10** is replaced by the following text:

**"7.10 CARGO HOLD WATER LEVEL ALARM SYSTEM"**.

5 **New para 7.10.1** is introduced reading as follows:

**"7.10.1** The requirements of this Chapter apply to bulk carriers, passenger ships carrying 36 persons and more, single-hold cargo ships other than bulk carriers as well as multiple hold cargo ships other than bulk carriers and tankers constructed on or after 1 January 2024."

6 **Existing paras 7.10.1 — 7.10.7** are renumbered **7.10.2 — 7.10.8** accordingly.