



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 315-12-1668c**

dated 25.11.2021

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Re:

amendments to the Rules for the Equipment of Sea-Going Ships, 2021, ND No. 2-020101-144-E

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Item(s) of supervision:

ships and offshore installations under construction

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Entry-into-force date:

**01.01.2022**

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~~Cancels / amends / adds Circular Letter No.~~

~~dated~~

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Number of pages: 1 + 3

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part IV "Radio 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 Equipment 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 the provisions of the Circular Letter during review and approval of the technical documentation on ships contracted for construction or conversion on or after 01.01.2022, in the absence of a contract, the keels of which are laid or which are at a similar stage of construction on or after 01.01.2022, as well as during review and approval of the technical documentation on ships, the delivery of which is on or after 01.01.2022.
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List of the amended and/or introduced paras/chapters/sections:

Part IV: Table 2.2.1, Sections 9 and 14

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Person in charge: Igor P. Shvaiba

315

+7 (812) 380-19-92

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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	Table 2.2.1	Terminology has been specified in accordance with reg. IV/4.1.1 of SOLAS 74 as amended	315-12-1668c of 25.11.2021	01.01.2022
2	Section 9	Text of the Section has been replaced by references to requirements of IMO resolutions. Requirements for new generation EPIRBs installed on ships on or after 01.07.2022, as well as requirements of IACS Unified Interpretation SC295 have been introduced	315-12-1668c of 25.11.2021	01.01.2022
3	Section 14	New Section has been introduced containing requirements to cyber safety equipment for shipboard radio equipment	315-12-1668c of 25.11.2021	01.01.2022

## **RULES FOR THE EQUIPMENT OF SEA-GOING SHIPS, 2021,**

### **ND No. 2-020101-144-E**

#### **PART IV. RADIO EQUIPMENT**

##### **2 FUNCTIONAL REQUIREMENTS FOR RADIO EQUIPMENT, ITS COMPOSITION, MAINTENANCE AND REPAIR**

1 **Table 2.2.1.** Footnote 1 is replaced by the following text:

"<sup>1</sup> In addition to the radio equipment required under 2.2.1, every ship shall be fitted with the second means of transmission of distress alerts.

If a ship is engaged in voyages in sea area A1, then the following may be used as a second means of transmission of distress alerts for this area:

a second VHF radio installation without a special receiver capable of maintaining a continuous DSC watch on channel 70; or

a VHF EPIRB; or

a MF radio installation (if a ship is engaged in voyages in the sea area covered by shore-based MF stations using DSC); or

a HF radio installation; or

a recognized mobile satellite service ship earth station; or

a COSPAS-SARSAT satellite EPIRB.

If a ship is engaged in voyages in sea areas A1 and A2, then the following may be used as a second means of transmission of distress alerts for these sea areas:

a recognized mobile satellite service ship earth station; or

a HF radio installation; or

a COSPAS-SARSAT satellite EPIRB.

If a ship is engaged in voyages in sea areas A1, A2 and A3, then the following may be used as a second means of transmission of distress alerts for these sea areas:

an additional recognized mobile satellite service ship earth station; or

a HF radio installation (unless it is installed as the basic one required under 2.2.1 for sea areas A1, A2 and A3); or

a COSPAS-SARSAT satellite EPIRB.

If a ship is engaged in voyages in sea areas A1, A2, A3 and A4, then the following may be used as a second means of transmission of distress alerts for these sea areas:

a COSPAS-SARSAT satellite EPIRB.

If the serviceability of the equipment fitted in accordance with 2.2.1 is ensured by its duplication, the second means of transmission of distress alerts may not be fitted (reference is made to 2.6.3) provided that it is available in the duplicated equipment."

#### **9 EMERGENCY POSITION-INDICATING RADIO BEACONS**

2 **Section 9** is replaced by the following text:

##### **"9.1 COSPAS-SARSAT SATELLITE EMERGENCY POSITION-INDICATING RADIO BEACONS**

**9.1.1** A COSPAS-SARSAT satellite emergency position-indicating radio beacon installed on or after 1 July 2022 shall conform to performance standards and type-approval standards not inferior to those specified in the annex to IMO resolution MSC.471(101).

The phrase "radio beacon installed on or after 1 July 2022" shall mean as follows:

for ships contracted for construction on or after 1 July 2022, and for ships built on or after 1 July 2022 without a contract for construction, the phrase "radio beacon installed on or after 1 July 2022" shall mean any installation of relevant equipment aboard the ship;

for ships not listed above, the phrase "radio beacon installed on or after 1 July 2022" shall mean the date of contract for delivery of relevant equipment or, in the absence of a contract for delivery, the actual date of equipment delivery to the ship on or after 1 July 2022.

**9.1.2** A COSPAS-SARSAT satellite emergency position-indicating radio beacon installed before 1 July 2022 shall conform to performance standards not inferior to those specified in the annex to IMO resolution A.810(19) as amended by IMO resolutions MSC.56(66) and MSC.120(74), and type-approval standards not inferior to those specified in IMO resolution A.696(17).

## **9.2 VHF EMERGENCY POSITION-INDICATING RADIO BEACONS**

**9.2.1** A VHF emergency position-indicating radio beacon installed on or after 23 November 1996 shall conform to performance standards not inferior to those specified in the annex to IMO resolution A.805(19).

**9.2.2** A VHF emergency position-indicating radio beacon installed before 23 November 1996 shall conform to performance standards not inferior to those specified in the annex to IMO resolution A.612(15).".

3 **New section 14** is introduced reading as follows:

### **"14 CYBER SAFETY EQUIPMENT FOR RADIO EQUIPMENT**

**14.1** The cyber safety equipment for shipboard radio equipment shall comply with the requirements of IEC 60945:2002, and requirements specified in 5.29 of Part V "Navigational Equipment".".