



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 315-23-1734c

dated 06.04.2022

Re:

amendments to the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk, 2022, ND No. 2-020101-157-E

Item(s) of supervision:

electrical equipment

Entry-into-force date:

01.06.2022

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 VII "Electrical Equipment"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk 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, 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 01.06.2022, in the absence of a contract, during review and approval of the technical documentation on ships requested for review on or after 01.06.2022.

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

Part VII: Section 12

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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	Section 12	Part has been supplemented with new Section with requirements for cryogenic cables	315-23-1734c of 06.04.2022	01.06.2022

**RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SHIPS CARRYING
LIQUEFIED GASES IN BULK, 2022,**

ND No. 2-020101-157-E

PART VII. ELECTRICAL EQUIPMENT

New **Section 12** is introduced reading as follows:

"12 CRYOGENIC CABLES

12.1 The requirements of this Section apply to cable products (cryogenic cables) designed for operation at low temperatures and laid inside cargo and fuel oil tanks containing cryogenic liquids (liquefied natural gas, liquefied petroleum gas, etc.).

12.2 Cryogenic cables shall be tested in accordance with national, international standards or manufacturer's standards.

12.3 Cryogenic cables shall be protected against mechanical damage and securely fixed. Structures for laying and securing cryogenic cables shall be fit for operation in conditions of direct exposure to cryogenic liquids. Measures shall be taken to avoid loosening of fasteners of structures for cable laying, mechanical protection and cable fixing devices during operation.

12.4 Connections of cryogenic cables and cables laid outside cargo and fuel oil tanks shall be performed by means of transition couplings specially designed for these purposes.

12.5 Methods to connect cryogenic cables to the transition couplings and equipment located inside cargo or fuel oil tanks shall ensure a reliable electrical contact and exclude loosening of contact connection during operation.

12.6 Where deformation of hull structures may occur, measures shall be taken to avoid tension and bending of cryogenic cables."