



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 315-23-1698c

dated 08.02.2022

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:

instrumentation and automation systems

Entry-into-force date:

01.03.2022

~~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 VIII "Instrumentation and Automation Systems"

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 of the technical documentation on ships contracted for construction or conversion on or after 01.03.2022, 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 01.03.2022.
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List of the amended and/or introduced paras/chapters/sections:

Part VIII: paras 1.4, 4.6, 6.1 and 6.3.8

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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	Para 1.4	Requirements for instrumentation testing and calibration have been specified considering provisions of the International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (the IGC Code)	315-23-1698c of 08.02.2022	01.03.2022
2	Para 4.6	New para with requirements for relief valves of cargo tanks has been introduced considering provisions of Part VI "Systems and Piping" as well as the IGC Code	315-23-1698c of 08.02.2022	01.03.2022
3	Para 6.1	Requirements for gas detectors have been specified considering provisions of IGC Code	315-23-1698c of 08.02.2022	01.03.2022
4	Para 6.3.8	New para with the requirements for permanently installed gas detection system has been introduced considering provisions of Part VI "Systems and Piping"	315-23-1698c of 08.02.2022	01.03.2022

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

ND No. 2-020101-157-E

PART VIII. INSTRUMENTATION AND AUTOMATION SYSTEMS

1 GENERAL

1 **Para 1.4** is replaced by the following text:

"1.4 Instruments shall be tested to ensure reliability under the working conditions, and recalibrated at regular intervals. Test procedures for instruments and the intervals between recalibration shall be in accordance with manufacturer's recommendations."

4 PRESSURE GAUGES

2 New **para 4.6** is introduced reading as follows:

"4.6 For cargo tanks fitted with PRVs which can be set at more than one set pressure in accordance with 3.16.6, Part VI "Systems and Piping", high-pressure alarms shall be provided for each set pressure."

6 GAS DETECTION EQUIPMENT

3 **Para 6.1** is replaced by the following text:

"6.1 In accordance with column 7 of Table of Technical Requirements (refer to Annex 1), depending on the cargo to be carried, gas detectors of RS-approved type and compliant with IEC 60079-29-1:2016 shall be installed."

4 New **para 6.3.8** is introduced reading as follows:

".8 spaces in gas-fired internal combustion engines (refer to 11.15.3.3, Part VI "Systems and Piping")."