



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 311-05-1933c

dated 18.05.2023

Re:

amendments to the Rules of the Classification and Construction of Ships Carrying Liquefied Gases in Bulk, 2023, ND No. 2-020101-176-E

Item(s) of supervision:

automation systems

Entry-into-force date:

01.07.2023

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

Sergey A. Kulikov

Text of CL:

We hereby inform that the Rules of 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, 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 (or products installed on ships) contracted for construction or conversion on or after 01.07.2023, in the absence of a contract, during review and approval of the technical documentation on ships (or products installed on ships) requested for review on or after 01.07.2023.

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

Part VIII: paras 7.3 — 7.12 and Section 8

Person in charge: Andrei V. Vinogradov 311

+7 (812) 312-11-00

"Thesis" System No. 23-87160

**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	Paras 7.3 — 7.12	New para 7.3 with the requirements for components, devices and automation systems has been introduced considering the provisions of Part XV "Automation" of the Rules for the Classification; existing paras 7.3 — 7.11 have been renumbered 7.4 — 7.12 accordingly	311-05-1933c of 18.05.2023	01.07.2023
2	Section 8	New section with the requirements for functions of the safety system has been introduced considering the provisions of Part XV "Automation" of the Rules for the Classification and Part VI "Systems and Piping" of these Rules	311-05-1933c of 18.05.2023	01.07.2023

RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SHIPS CARRYING LIQUEFIED GASES IN BULK, 2023,

ND No. 2-020101-176-E

PART VIII. INSTRUMENTATION AND AUTOMATION SYSTEMS

7 AUTOMATION SYSTEMS

- 1 **New para 7.3** is introduced reading as follows:

"7.3 Components, devices and automation and alarm and monitoring, safety, indication and logging systems shall comply with the requirements of 2.2 — 2.4, Part XV "Automation" of the Rules for the Classification."

- 2 **Existing paras 7.3 — 7.11** are renumbered **7.4 — 7.12** accordingly.

- 3 **New Section 8** is introduced reading as follows:

"8 SAFETY SYSTEM FUNCTIONS

8.1 Cargo emergency shutdown (ESD) system shall be provided. The requirements for the ESD system are specified in 3.23, Part VI "Systems and Piping".

8.2 Requirements for safe use of cargo as fuel are specified in Section 11, Part VI "Systems and Piping".

8.3 Controlled parameters, types of automatic protection and requirements for shutdown system of the regasification plant (RGU) are specified in 3.24, Part VI "Systems and Piping".

8.4 Requirements for refrigeration and reliquefaction systems (RLU) are specified in 4.2, Part VI "Systems and Piping". For components of the refrigerating plant, requirements specified in 4.8, Part XV "Automation" of the Rules for the Classification shall apply.

8.5 Controlled parameters, types of automatic protection and requirements for systems for disposing of evaporated cargo (GCU) are specified in 4.3, Part VI "Systems and Piping".