



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 314-45-1889c

dated 06.02.2023

Re:

Amendments to the Rules for Membrane Containment System for Liquefied Natural Gas, 2022, ND No. 2-020101-170-E

Item(s) of supervision:

materials forming ship structure

Entry-into-force date:

01.03.2023

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 Section 19 "Materials"

Acting Director General

Sergey A. Kulikov

Text of CL:

We hereby inform that the Rules for Membrane Containment System for Liquefied Natural Gas 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 technical documentation on ships equipped with membrane containment systems for liquefied natural gas contracted for construction or conversion on or after 01.03.2023.
3. Allow the application of the provisions of the Circular Letter before 01.03.2023, if necessary.

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

Section 19: paras 19.2.1 — 19.2.4

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"Thesis" System No. 23-16085

**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	Chapter 19.2 (paras 19.2.1, 19.2.2, 19.2.3, 19.2.4)	Throughout the text of the Chapter, duplication of the requirements has been excluded; the text of the requirements has been replaced with references to relevant paras of Part IV "Cargo Containment" of the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk	314-45-1889c of 06.02.2023	01.03.2023

RULES FOR MEMBRANE CONTAINMENT SYSTEM FOR LIQUEFIED NATURAL GAS, 2022,

ND No. 2-020101-170-E

19 MATERIALS

- 1 **Para 19.2.1** is replaced by the following text:

"**19.2.1** Requirements for temperature calculation to determine the grade of plates are specified in 19.2.1, Part IV "Cargo Containment" of the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk."

- 2 **Para 19.2.2** is replaced by the following text:

"**19.2.2** Requirements for the shell and deck plating of the ship and all stiffeners attached thereto are specified in 19.2.2, Part IV "Cargo Containment" of the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk."

- 3 **Para 19.2.3** is replaced by the following text:

"**19.2.3** Requirements for the materials of all other hull structures for which for which the calculated temperature in the design condition is below 0 °C, due to the influence of cargo temperature and that do not form the secondary barrier are specified in 19.2.3, Part IV "Cargo Containment" of the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk."

- 4 **Para 19.2.4** is replaced by the following text:

"**19.2.4** Requirements for accounting of means for hull structures heating are specified in 19.2.5, Part IV "Cargo Containment" of the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk."