



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 312-09-1559c

dated 12.05.2021

Re:

amendments to the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk, 2021, ND No. 2-020101-140-E

Item(s) of supervision:

ships under construction

Entry-into-force date:
15.06.2021

Valid till:-

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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 II "Ship Arrangement"

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, 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 of technical documentation on ships contracted for construction or conversion on or after 15.06.2021, in the absence of a contract, on ships, the keels of which are laid or which are at similar stage of construction on or after 15.06.2021.

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

Part II: paras 3.3 and 3.4

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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	Part II, para 3.3	New para with the requirements for selecting materials for hull structures has been introduced	312-09-1559c of 12.05.2021	15.06.2021
2	Part II, para 3.4	New para with the requirements for the testing procedures of hull structures has been introduced	312-09-1559c of 12.05.2021	15.06.2021

RULES FOR CLASSIFICATION AND CONSTRUCTION OF SHIPS CARRYING LIQUEFIED GASES IN BULK, 2021,

ND No. 2-020101-140-E

PART II. SHIP ARRANGEMENT

3 HULL

New **paras 3.3** and **3.4** are introduced reading as follows:

"3.3 Selection of materials.

3.3.1 Design temperature of hull structures in cargo area is determined by calculating temperatures in accordance with 19.2.1, Part IV "Cargo Containment" for cargo and ambient temperature values applied for the project. Approximate determination of design temperature of hull structure in accordance with 1.2.3.4, Part II "Hull" of the Rules for the Classification is not permitted.

3.3.2 If design temperature of ship's shell plating and deck structure, as well as framing members connected thereto, is below -5°C , material shall be in accordance with the current version of IACS Unified Requirement (UR) S6 (refer to IACS official webpage www.iacs.org.uk).

If design temperature of hull structure supporting the cargo tanks, inner bottom plating, longitudinal bulkhead plating, transverse bulkhead plating, floors, webs, stringers and all attached stiffening members is below 0°C , material shall be in accordance with the requirements of Table 2.1-5, Part IX "Materials and Welding" (refer also to 19.2.3, Part IV "Cargo Containment").

In other cases, grade of steel for hull structures shall be in accordance with the current version of IACS UR S6 (refer to IACS official webpage MAKO www.iacs.org.uk).

3.3.3 For hull structures outside the cargo area, material shall be in accordance with the current version of IACS UR S6 (refer to IACS official webpage MAKO www.iacs.org.uk).

3.4 Testing.

Testing procedures of watertight compartments of a gas carrier shall comply with the requirements of Part A, Appendix 1 to Part II "Hull" of the Rules for the Classification.

Additional requirements for testing of hull structures in the cargo area are specified in Part IV "Cargo Containment" for respective cargo tank types."