



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 328-04-1217c

dated 15.04.2019

Re:

amendments to the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk. Rules for the Classification and Construction of Ships Carrying Compressed Natural Gas, 2016, ND No 2-020101-093-E

Item(s) of supervision:

heating systems, electrical equipment

Entry-into-force date:

01.07.2019

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1+2

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part IV "Cargo Tanks" and Part VII "Electrical Equipment"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that in connection with coming into force of IACS Unified Interpretation (UI) GC23 (July 2018) 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 RS Branch Offices' activity.
 2. Apply the provisions of the Circular Letter.
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List of the amended and/or introduced paras/chapters/sections

Part IV: para 9.3.2.

Part VII: paras 6.1.4 and 6.1.5

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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 IV, para 9.3.2	Requirements for heating systems have been specified considering the provisions of IACS UI GC23 (July 2018)	328-04-1217c of 15.04.2019	01.07.2019
2	Part VII, paras 6.1.4 and 6.1.5	The list of consumers supplied from the emergency switchboard has been supplemented considering the provisions of IACS UI GC2 (July 2018)	328-04-1217c of 15.04.2019	01.07.2019

**RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SHIPS CARRYING
LIQUEFIED GASES IN BULK.
RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF COMPRESSED NATURAL
GAS, 2016,
ND No. 2-020101-093-E**

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

PART IV. CARGO TANKS

9 INSULATION

1 **Para 9.3.2** is replaced by the following text:

"9.3.2 The means for heating hull structures shall comply with the following requirements:
sufficient heat is to be available to maintain the hull structures temperature above the
minimum allowable values specified in 9.1 and 9.2;

the heating system shall be arranged so that, in case of a single failure of a mechanical or
electrical component in any part of the system, its intact part could ensure at least 100 % design
heat supply;

the heating system shall be considered as an essential auxiliary;

all electrical components of at least one of the systems provided in accordance with 10.5
(for any transverse hull structure) shall be supplied from emergency source, as specified in 6.1.4,
Part VII "Electrical Equipment";

where duplication of the primary source of heat, e.g. a boiler, in the system as specified
above is not feasible, alternative solutions such as electric heaters capable of providing 100 %
design heat supply shall be provided. The heaters shall be supplied in accordance with 6.1.5,
Part VII "Electrical Equipment";

the design and construction of the heating system shall be included in the approval of the
containment system by the Register."

PART VII. ELECTRICAL EQUIPMENT

6 DISTRIBUTION OF ELECTRICAL POWER FROM EMERGENCY SOURCES

2 **New paras 6.1.4** and **6.1.5** are introduced reading as follows:

.4 all necessary components of at least one heating system for hull structures (refer
to 9.3.2 and 10.5, Part IV "Cargo Tanks");

.5 electric heaters of the heating system for hull structures (refer to 9.3.2, Part IV
"Cargo Tanks"), if provided."