



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 313-14-1215c**

dated 11.04.2019

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Re:

amendments to the Rules for 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

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Item(s) of supervision:

ships during construction

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Entry-into-force date:

**01.07.2019**

Valid till:-

Validity period extended till:-

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Cancels / amends / adds Circular Letter No. -

dated -

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Number of pages:

1+2

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part V "Fire Protection"

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Director General

Konstantin G. Palnikov

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Text of CL:

We hereby inform that in connection with coming into force of IACS Unified Interpretation (UI) GC22 (Apr 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.

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It is necessary to do the following:

1. Bring the content of the Circular Letter to the notice of the RS Surveyors and interested 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 V: paras 3.3.1.7, 3.3.2, 3.3.5.1 and 3.3.6

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"Thesis" System No. 19-82699

**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 V, para 3.3.1.7	Requirements for the protection of remote liferafts by a water spray system have been specified considering provisions of IACS UI GC22 (Apr 2018)	313-14-1215c of 11.04.2019	01.07.2019
2	Part V, para 3.3.2	Requirements for cargo area extension for fire-fighting purposes have been specified considering provisions of IACS UI GC22 (Apr 2018)	313-14-1215c of 11.04.2019	01.07.2019
3	Part V, para 3.3.5.1	Requirements for the definition of two complete athwartship tank groupings have been specified considering provisions of IACS UI GC22 (Apr 2018)	313-14-1215c of 11.04.2019	01.07.2019
4	Part V, para 3.3.6	Requirements for operation of water spray system from one of the fire pumps or emergency fire pump have been specified considering provisions of IACS UI GC22 (Apr 2018)	313-14-1215c of 11.04.2019	01.07.2019

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

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

**PART V. FIRE PROTECTION**

**3 FIRE FIGHTING EQUIPMENT AND SYSTEMS**

1 **Para 3.3.1.7** is replaced by the following text:

".7 exposed lifeboats, liferafts and muster stations facing the cargo area, regardless of distance to cargo area, except for the exposed muster stations and exposed launching routes from the liferafts storage location to the ship side where rafts are located and ready for launching at both sides (remote liferafts located in areas covered by water-spray protection as required in 3.3.1.6, are considered as adequately protected); and".

2 **Para 3.3.2** is replaced by the following text:

"**3.3.2** The system shall be capable of covering all areas mentioned in 3.3.1 with a uniformly distributed water application rate of at least 10 l/m<sup>2</sup>/min for the largest projected horizontal surfaces and 4 l/m<sup>2</sup>/min for vertical surfaces.

On vertical surfaces, spacing of nozzles protecting lower areas may take account of anticipated rundown from higher areas.

For structures having no clearly defined horizontal or vertical surface, the capacity of the water-spray system shall not be less than the projected horizontal surface multiplied by 10 l/m<sup>2</sup>/min.

For the purposes of firefighting, any weather deck areas above cofferdams, ballast or void spaces at the after end of the aftermost hold space or at the forward end of the forwardmost hold space shall be included in the cargo area mentioned in 3.3.1.6 and 3.3.1.7."

3 **Para 3.3.5.1** is replaced by the following text:

".1 any two complete athwartship tank groupings including any gas process units within these areas, where one group is defined as tanks located in transverse direction from ship side to ship side; where there is only one cargo tank occupying a hold space from ship side to ship side, it is considered as a "grouping"; the area of any two complete tank groupings shall be equal to the combined area of the two largest tank groupings including any gas process units within these areas."

4 **Para 3.3.6** is replaced by the following text:

"**3.3.6** The boundaries of superstructures and deckhouses normally manned, and lifeboats, liferafts and muster areas facing the cargo area, shall also be capable of being served by one of the fire pumps or the emergency fire pump, located outside the space where spray pumps are located. The capacity of the emergency fire pump shall be adequate to maintain two jets of water simultaneously in accordance with 3.2.4.7, Part VI "Fire Protection" of the Rules for Classification and water spray system with water application rate specified in 3.3.2, but limiting coverage to boundaries of normally manned superstructures and deckhouses, survival craft and muster areas."