



RUSSIAN MARITIME REGISTER OF SHIPPING

HEAD OFFICE

CIRCULAR LETTER

No. 314-44- *905C*

dated *10.06.2016*

Re:
amendments to the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk, 2016, ND No. 2-020101-093, in connection with coming into force of the provisions of IACS Unified Interpretations (UI) GC 16 (Mar 2016)

Item of technical supervision:
Ships under construction

Implementation 01.07.2016

Valid: till -

Validity period extended till -

Cancels / Amends/ Supplements Circular Letter No. - dated -

Number of pages: 1+2

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

Technical Director - Head of Classification Directorate Vladimir I. Evenko

Amends Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk, 2016, ND 2-020101-093

We hereby inform that in connection with coming into force of the provisions of IACS UI GC 16 (Mar 2016), Section 1, Part II "Gas Carrier Design" of the Rules for the Classification and Construction of Ships Carrying Liquefied Gases in Bulk, 2016, ND No. 2-020101-093 shall be amended as specified in the Appendix to the Circular Letter Text of IACS GC 16 (Mar 2016) in English is posted on the RS internal website in the Section "External Normative Documents", 02 "Documents of IACS", 0216 GC. These amendments shall apply to ships whose keels are laid, or which are at a similar stage of construction, on or after 1 July 2016.

It is necessary to do the following:

1. Apply the above amendments during the review and approval of technical documentation on ships.
2. Bring the content of the Circular Letter to the notice of the RS surveyors, interested organizations and persons in the area of the RS Branch Offices' activity.

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charge:

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DMS "THESIS"
No.

No. 132064

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

PART II. GAS CARRIER DESIGN

Annotation shall be supplemented with the following text:

" **Paras 1.12 and 1.13:** have been supplemented in connection with coming into force the requirements of IACS UI GC 16 (Mar 2016). ".

1 GENERAL

Para 1.12 The last sentence shall be supplemented with the following text:

"The minimum clear opening of 600 mm x 600 mm may have corner radii up to 100 mm maximum. In such a case where as a consequence of structural analysis of a given design the stress is to be reduced around the opening, it is considered appropriate to take measures to reduce the stress such as making the opening larger with increased radii, e.g. 600 x 800 with 300 mm radii, in which a clear opening of 600 mm x 600 mm with corner radii up to 100 mm maximum fits see Fig.1.12. ";

Para 1.13 shall be supplemented with the following text:

"**1.13** The minimum clear opening of not less than 600 mm x 800 mm may also include an opening with corner radii of 300 mm. An opening of 600 mm in height x 800 mm in width may be accepted as access openings in vertical structures where it is not desirable to make large opening in the structural strength aspects, i.e. girders and floors in double bottom tanks.

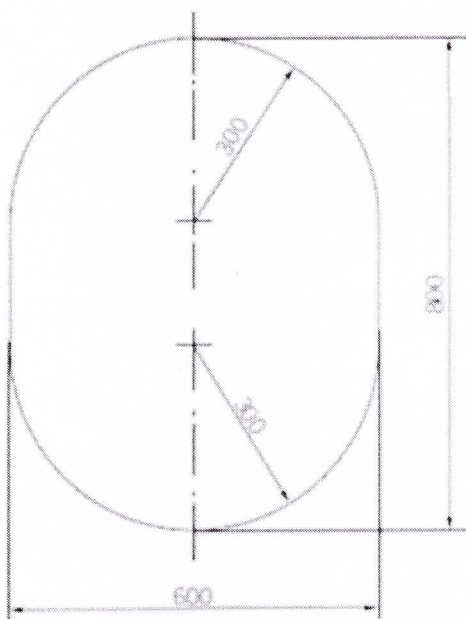


Fig. 1.12

Subject to verification of easy evacuation of injured person on a stretcher the vertical opening 850 mm x 620 mm (see Fig. 1.13) with wider upper half than 600 mm, while the lower half may be less than 600 mm with the overall height not less than 850 mm is

considered an acceptable alternative to the traditional opening of 600 mm x 800 mm with corner radii of 300 mm.

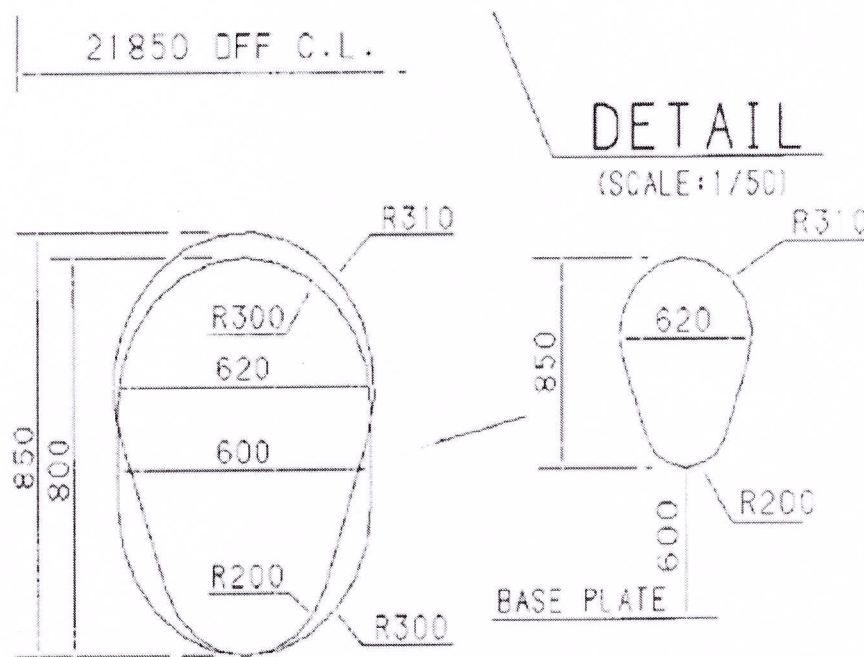


Fig. 1.13

If a vertical opening is at a height of more than 600 mm steps and handgrips are to be provided. In such arrangements it is to be demonstrated that an injured person can be easily evacuated; and...", the rest remaining as it stands.