RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER **No. 313-68-1648c** dated 19.10.2021

Re:

amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2021, ND No. 2-020101-138-E

Item(s) of supervision:

ships under construction

Entry-into-force date:
01.01.2022

~~Cancels / amends / adds Circular Letter No.~~ ~~dated~~

Number of pages: 1 + 3

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part VIII "Systems and Piping"

Director General Konstantin G. Palnikov

Text of CL:

We hereby inform that in connection with coming into force of IACS Unified Interpretation (UI) SC62 (Rev.2 Dec 2020) as well as IACS Unified Requirements (UR) M77 (Rev.2 Dec 2020) and M75 (Rev.1 Jan 2021), the Rules for the Classification and Construction of Sea-Going Ships 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, 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 the technical documentation on ships contracted for construction or conversion on or after 01.01.2022, in the absence of a contract, the keels of which are laid or which are at a similar stage of construction on or after 01.01.2022, as well as during review and approval of the technical documentation on ships, the delivery of which is on or after 01.01.2022.

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

Part VIII: paras 9.16.6.6, 11.3.2.4 and 12.5.6

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"Thesis" System No. 21-240651

Appendix 1 to Circular Letter
No. 313-68-1648c dated 19.10.2021

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	Para 9.16.6.6	Examples for the arrangement to ensure an effective isolation of the inert gas main from the cargo system have been introduced considering IACS UI SC62 (Rev.2 Dec 2020)	313-68-1648c of 19.10.2021	01.01.2022
2	Para 11.3.2.4	Requirements have been specified for ventilation system in the vicinity of the urea storage tanks considering IACS UR M77 (Rev.2 Dec 2020)	313-68-1648c of 19.10.2021	01.01.2022
3	Para 12.5.6	Requirements have been specified for closable ventilation louvers in case of fire considering IACS UR M75 (Rev.1 Jan 2021)	313-68-1648c of 19.10.2021	01.01.2022

Appendix 2 to Circular Letter
No. 313-68-1648c dated 19.10.2021

RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS, 2021,

ND No. 2-020101-138-E

PART VIII. SYSTEMS AND PIPING

9.16 INERT GAS SYSTEM (IGS)

1 **Para 9.16.6.6** is replaced by the following text:

"**9.16.6.6** If a connection is fitted between the inert gas supply main and the cargo system, arrangements shall be made to ensure an effective isolation having regard to the large pressure difference which may exist between the systems. It shall consist of two shut-off valves, the valve on the cargo main being of a non-return type, and an arrangement to vent the space between the valves in a safe manner or an arrangement consisting of a spool-piece with associated blanks.

As an example, the arrangements to ensure an effective isolation of the inert gas main from the cargo system required by the Rules are shown in Fig. 9.16.6.6.

Fig. 9.16.6.6".

11.3 SYSTEMS FOR REDUCING NO_X EMISSIONS

2 **Para 11.3.2.4** is replaced by the following text:

"**.4** if an urea storage tank is installed in a closed compartment, the area shall be served by an effective mechanical ventilation system of extraction type providing not less than 6 air changes per hour which is independent from the ventilation system of accommodation, service spaces, or control stations. The ventilation system shall be capable of being controlled from outside the compartment. A warning notice requiring the use of such ventilation before entering the compartment shall be provided outside the compartment adjacent to each point of entry.

Alternatively, where an urea storage tank is located within an engine room a separate ventilation system is not required when the general ventilation system for the space is arranged so as to provide an effective movement of air in the vicinity of the storage tank and shall be maintained in operation continuously except when the storage tank is empty and has been thoroughly ventilated.".

12.5 VENTILATION OF MACHINERY SPACES AND TUNNELS

3 **Para 12.5.6**. The first paragraph is replaced by the following text:

"**12.5.6** The following requirements apply to closable ventilation louvers and ventilator closing appliances serving emergency generator rooms, where fitted:".