



# RUSSIAN MARITIME REGISTER OF SHIPPING

**CIRCULAR LETTER**

**No. 313-68-1237c**

dated 06.06.2019

Re:

amendments to the Rules for the Classification and Construction of Sea-Going Ships, 2019, ND No. 2-020101-114-E

Item(s) of supervision:

ships and offshore installations in service

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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 entry into force of IACS Unified Interpretations (UI) SC284 (June 2018), SC285 (June 2018), SC286 (June 2018) and SC287 (June 2018) the Rules for the Classification and Construction of Sea-Going Ships shall be amended as specified in Appendix 2 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 and the interested persons in the area of RS Branch Offices' activity.
2. Apply the provisions of the Circular Letter during review and approval of technical documentation of machinery.

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

Part VIII: paras 9.16.6.2, 9.16.7.6.1, 9.16.7.6.2, 9.16.7.6.6 and 9.16.12.15

Person in charge:

Ekaterina A. Shvedova

313

+7 (812) 312-39-85

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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	Para 9.16.6.2	The requirements for the operational status of stop valves position and the inert gas main to cargo tanks means position indicators of IACS UI SC285 (July 2018) and SC286 (July 2018) have been introduced	313-68-1237c of 06.06.2019	06.06.2019
2	Paras 9.16.7.6.1 and 9.16.7.6.2	The application of the provisions of IACS UI SC284 (July 2018) has been specified	313-68-1237c of 06.06.2019	06.06.2019
3	Para 9.16.12.15	The requirement for the independent alarm system considering the provisions of IACS UI SC287 (July 2018) has been specified	313-68-1237c of 06.06.2019	06.06.2019

**RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS,  
ND No 2-020101-114-E**

**PART VIII. SYSTEMS AND PIPING**

**9 SYSTEMS SPECIAL FOR CARRIAGE OF CARGOES IN BULK**

**9.16 INERT GAS SYSTEM (IGS)**

1 **Para 9.16.6.2** is supplemented by the following text:

"...Unambiguous information regarding the operational status of stop valves in branch piping leading from the inert gas main to cargo tanks means position indicators providing open/intermediate/closed status information in the control panel. Limit switches shall be used to positively indicate both open and closed position. Intermediate position status shall be indicated when the valve is in neither open nor closed position.

The operational status of the inert gas system shall be based on indication that inert gas is being supplied downstream of the gas regulating valve and on the pressure or flow of the inert gas mains downstream of the non-return devices. However, the operational status of the IG system shall not be considered to require additional indicators and alarms other than those specified in 9.16.1.7.2."

2 **Paras 9.16.7.6.1** and **9.16.7.6.2** shall be supplemented by the text reading as follows:

"...(except for the nitrogen generator systems, refer to 9.16.12)."

In **para 9.16.7.6.6** the value of oxygen content in the inert gas main "8 per cent" shall be replaced by "5 %".

3 **Para 9.16.12.15** shall be supplemented by the following text:

"...For the purposes of this para, an independent alarm system means that a second pressure sensor, independent of the sensor serving the alarms for low pressure, high pressure and pressure indication/recorder shall be provided. Notwithstanding the above, a common programmable logic controller (PLC) is, however, accepted for the alarms in the control system. If a system for shutdown of cargo pumps is arranged, an automatic system shutting down all cargo pumps shall be provided. The shutdown shall not prevent the operation of ballast pumps or pumps used for bilge drainage of a cargo pump room."