



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 381-16-1356c

dated 18.03.2020

Re:

introduction of amendments to the Rules for the Classification and Construction of Manned Submersibles and Ship's Diving Systems, 2018, ND No. 2-020201-014-E

Item(s) of supervision:

floating facilities under construction and in operation

Entry-into-force date:

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1+2

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part I "Classification" and Part III "Equipment, arrangements and outfit"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the Rules for the Classification and Construction of Manned Submersibles and Ship's Diving Systems shall be amended as specified in Appendices to the Circular Letter. The amendments will be introduced into the Rules at their re-publication.

It is necessary to do the following:

1. Familiarize the surveyors of the RS Branch Offices with the content of the Circular Letter.
2. Apply provisions of the Circular Letter.
3. Clarify the content of the Circular Letter to all interested parties in the area of the RS Branch Offices' activity.

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

Part I: appendix 2

Part III: paras 5.2.13 and 5.2.14

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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 I, appendix 2, table	Text of the footnote 1 has been specified	381-16-1356c of 18.03.2020	18.03.2020
2	Part III, para 5.2.13	Requirements for design pressure for compensating tanks located outside the pressure hull have been deleted	381-16-1356c of 18.03.2020	18.03.2020
3	Part III, para 5.2.14	Requirements for external withstandable pressure for structure of trim tanks located outside the pressure hull and inside the external hull of submersible have been deleted	381-16-1356c of 18.03.2020	18.03.2020

**RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF MANNED
SUBMERSIBLES AND SHIP'S DIVING SYSTEMS, 2018**

ND No. 2-020201-014-E

PART I. CLASSIFICATION

APPENDIX 2

**SCOPE OF PERIODICAL SURVEYS OF MANNED SUBMERSIBLES
AND SHIP'S DIVING SYSTEMS**

- 1 **Table. Footnote 1** is replaced by the following text:

"¹ During annual survey the hull is tested by diving the manned submersible (diving bell if provision is made for its use as an observation chamber) into the sea to the depth of 10 — 15 m. Besides, the diving bell, diving compartment of the lock-out submersible and compression chamber shall be tested by an internal pressure corresponding to the working one. In so doing, the functional reliability of connecting flanges and transfer hatches shall be checked."

PART III. EQUIPMENT, ARRANGEMENTS AND OUTFIT

5 SUBMERGENCE AND BALLASTING FACILITIES

- 2 **Para 5.2.13.** The following text is deleted:

"The compensating tanks located outside the pressure hull shall be designed for pressure of 1,1 times the fracture pressure;"

- 3 **Para 5.2.14.** The following text is deleted:

"structure of trim tanks located outside the pressure hull and inside the external hull of submersible shall be designed to withstand external pressure of 1,1 times the working fracture pressure;"