



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 315-12-1678c

dated 06.12.2021

Re:

amendments to the Regulations for Classification of Maritime Autonomous and Remotely Controlled Surface Ships (MASS), 2020, ND No. 2-030101-037-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+2

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to the Regulations for Classification of Maritime Autonomous and Remotely Controlled Surface Ships (MASS)

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the Regulations for Classification of Maritime Autonomous and Remotely Controlled Surface Ships (MASS) 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.
-

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

para 9.2.2.1 and 9.2.2.10

Person in charge: Igor P. Shvaiba

315

+7 (812) 380-19-92

"Thesis" System No. 21-292419

**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 9.2.2.1	Area of requirements application regarding availability of two separate and independent radio communication means has been specified	315-12-1678c of 06.12.2021	01.01.2022
2	Para 9.2.2.10	Para has been amended regarding deletion of the requirement for recognition of satellite communication provider by the International Maritime Satellite Organization (IMSO), and introduction of the requirement for satellite network availability	315-12-1678c of 06.12.2021	01.01.2022

**REGULATIONS FOR CLASSIFICATION OF MARITIME AUTONOMOUS
AND REMOTELY CONTROLLED SURFACE SHIPS (MASS), 2020,**

ND No. 2-030101-037-E

9 REQUIREMENTS FOR MASS AND ITS SYSTEMS

1 **Para 9.2.2.1** is replaced by the following text:

"9.2.2.1 Remotely controlled ships shall have at least two separate and independent radio communication means, each using different technologies."

2 **Para 9.2.2.10** is replaced by the following text:

"9.2.2.10 Communication equipment shall meet the applicable requirements for operational parameters accepted by IMO. VSAT station shall meet the requirements for navigational area conditions and comply with the recognized international or national standards. Satellite network availability shall be at least 99,9 % (equivalent to 8,8 h of total downtime per year)."