



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 314-14-1674c

dated 01.12.2021

Re:

amendments to the Rules for the Cargo Handling Gear of Sea-Going Ships

Item(s) of supervision:

cargo handling gear located on ships and offshore installations

Entry-into-force date:

01.02.2022

~~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 the Rules for the Cargo Handling Gear of Sea-Going Ships

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the Rules for the Cargo Handling Gear 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, as well as interested organizations and persons in the area of the RS Branch Offices' activity.
 2. Apply the provisions of the Circular Letter when performing technical supervision during manufacture of Cargo Handling Gear the technical documentation of which has been submitted for review on or after 01.02.2022.
 3. Apply the provisions of the Circular Letter when performing technical supervision for Cargo Handling Gear, their ropes, interchangeable components and loose gear, as well as when performing technical supervision for Cargo Handling Gear of the ships in service the technical documentation of which was submitted for review on or after 01.02.202.
-

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

Paras: 1.2.1, 3.1.1, 5.8.17, 7.1.2, 7.8.3 and 12.2.1

Person in charge: Artem Yu. Demidenko 314

+7 812 6050529 ext. 2206

"Thesis" System No. 21-286085

**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 1.2.1	Definition "Competent organization" has been introduced	314-14-1674c of 01.12.2021	01.02.2022
2	Para 3.1.1	Application of the steel manufactured according to the firm standards has been changed	314-14-1674c of 01.12.2021	01.02.2022
3	Para 5.8.17	English version has been harmonized with the Russian one	314-14-1674c of 01.12.2021	01.02.2022
4	Para 7.1.2	Para has been supplemented by the requirement for testing lift safety devices	314-14-1674c of 01.12.2021	01.02.2022
5	Para 7.8.3	Para has been supplemented by requirements for the use of non-corrosion-resistant ropes and ropes with a steel core in the construction of elevators	314-14-1674c of 01.12.2021	01.02.2022
6	Para 12.2.1	Requirement for making entries after each inspection of interchangeable components, loose gear and ropes in Part III of the Register of Ship's Cargo Handling Gear has been deleted. Requirement for records in case of defects identified has been preserved	314-14-1674c of 01.12.2021	01.02.2022

RULES FOR THE CARGO HANDLING GEAR OF SEA-GOING SHIPS, 2021,

ND No. 2-020101-145-E

1 GENERAL

1 **Para 1.2.1.** After definition "Competent body" the definition "Competent organization" is introduced reading as follow:

"1.2.1 Competent organization is an organization recognized as having adequate knowledge and experience in the particular area."

3 MATERIALS AND WELDING

2 **Para 3.1.1** is replaced by the following text:

"3.1.1 The materials used in the manufacture of stress-bearing metal structures, machinery and gear of cargo handling gear, as well as heat treatment of forged and cast items, where not covered by the specific requirements of these Rules, shall comply with the appropriate requirements of Part XIII "Materials" of the Rules for the Classification and Construction of Sea-Going Ships.

The materials used in the manufacture of stress-bearing structures of cargo handling gear installed on fixed offshore platforms, mobile offshore drilling units as well as on the ships operated under low temperatures shall be covered by the additional requirements of Part XII "Materials" of the Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms.

If the conformity of steel to the requirements set forth in this section is confirmed, it is allowed to use steel manufactured in compliance with the international or national standards, as well as to the standards of firms (organizations) specified in the technical documentation for materials and products approved by the Register and agreed by the Register in accordance with the requirements of Part II "Technical Documentation" of the Rules for technical supervision of the construction of ships and the manufacture of materials and products for ships."

5 SHIP'S CRANES AND HOISTS

3 **Para 5.8.17** is replaced by the following text (for the English version of the Rules only):

"5.8.17 Measures shall be provided to restart lifting and or lowering of the personnel to be conveyed in a safe position from any position in case of a power failure."

7 SHIP'S LIFTS

4 **Para 7.1.2** is replaced by the following text:

"7.1.2 The lifts and their components shall be so designed, constructed and installed on board ships as to ensure their safe and efficient operation in full compliance with these Rules, recognized standards and specifications approved by the Register.

Safety devices shall be tested in accordance with the requirements of international or national standards (for example, EN 81-50: 2014 or GOST 33984.3-2017), which shall be confirmed by documents issued by competent organizations."

5 **Para 7.8.3** is replaced by the following text:

"7.8.3 The ropes used shall be corrosion-resistant with linear contact with the wires, with an organic or synthetic core and consist of a single piece with no knots or splashes. The use of non-corrosion-resistant ropes and ropes with a steel core is allowed if the designer provides justifications related to the lack of contact with the marine environment and the nature of the loads on the rope. Otherwise, the ropes shall meet the requirements of international or national standards and the general requirements for ropes of cargo-handling gear."

12 TECHNICAL SUPERVISION OF CARGO HANDLING GEAR IN USE

5 **Para 12.2.1** is replaced by the following text:

"12.2.1 All interchangeable components and loose gear, and ropes shall be carefully examined at least once every three months by a responsible person assigned by the master.

Besides, interchangeable components and loose gear, and ropes shall be carefully examined by a responsible person every time before use of the cargo handling gear. If defects are identified an entry in Part III of the Register of Ship's Cargo Handling Gear shall be made.

If broken wires are found in a rope, the rope shall be examined at least once a month.

During of examinations the hooks, shackles, swivels, chains, etc., related to cargo handling gear located on the decks of oil tankers, oil gathering vessels, gas carriers, chemical tankers and other similar ships, the fulfillment of requirements of 1.6 shall be checked. If a protective coating has been applied to ensure intrinsic safety, its integrity shall be confirmed."