



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 314-16-1418c

dated 21.07.2020

Re:

amendments to the Rules for the Cargo Handling Gear of Sea-Going Ships, 2020, ND No. 2-020101-129-E

Item(s) of supervision:

cargo handling gears of sea-going ships

Entry-into-force date:

01.09.2020

Valid till: -

Validity period extended till: -

Cancels / amends / adds Circular Letter No. -

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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, 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 gears the technical documentation of which has been submitted to the Register for review after the Circular Letter entry-into-force date.
 3. Apply the provisions of para 10.4.4 of the Rules for the Cargo Handling Gear of Sea-Going Ships regarding the terms of periodical surveys and tests of the appliances for the personnel convey assigned after the Circular Letter entry-into-force date.
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List of the amended and/or introduced paras/chapters/sections:

Para 1.3.1.6, Tables 3.1.5-1 and 3.1.5-2, paras 8.1.1, 8.1.5, 10.4.3, 10.4.4 and 10.4.6

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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 1.3.1.6 | Requirements of the Rules cover the ship's elevating platforms which move up and down with a speed more than 0,1 m/s | 314-16-1418c of 21.07.2020 | 01.09.2020 |
| 2 | Table 3.1.5-1 | Wording "special consideration" has been deleted | 314-16-1418c of 21.07.2020 | 01.09.2020 |
| 3 | Table 3.1.5-2 | Wording "special consideration" has been deleted | 314-16-1418c of 21.07.2020 | 01.09.2020 |
| 4 | Para 8.1.1 | Requirements of the Rules cover the ship's elevating platforms which move up and down with a speed more than 0,1 m/s | 314-16-1418c of 21.07.2020 | 01.09.2020 |
| 5 | Para 8.1.5 | Misprint has been corrected | 314-16-1418c of 21.07.2020 | 01.09.2020 |
| 6 | Para 10.4.3 | Requirements of the para have been distributed between para 10.4.3 related to the interchangeable components and loose gear and new para 10.4.4 related to the appliances for the personnel convey. Recommended scope of survey has been corrected | 314-16-1418c of 21.07.2020 | 01.09.2020 |
| 7 | Para 10.4.4 | New para on the appliances for the personnel convey has been introduced. Periodicity of survey and tests of the appliances for the personnel convey have been amended | 314-16-1418c of 21.07.2020 | 01.09.2020 |
| 8 | Para 10.4.6 | Para has been specified regarding changing of survey periodicity and test of the appliances for the personnel convey | 314-16-1418c of 21.07.2020 | 01.09.2020 |

RULES FOR THE CARGO HANDLING GEAR OF SEA-GOING SHIPS, 2020

ND No. 2-020101-129-E

1 GENERAL

1.3 SCOPE OF SURVEY

- 1 **Para 1.3.1.6** is replaced by the following text:

".6 ship's elevating platforms with a lifting capacity 1 t and more;".

3 MATERIALS AND WELDING

3.1 MATERIALS

- 2 **Table 3.1.5-1** is replaced by the following text:

"Table 3.1.5-1

| Thickness, mm | Test temperature | | |
|---------------|---|----------------------|----------------------|
| | Special elements | Primary elements | Secondary elements |
| < 15 | $T_A + 10\text{ °C}$ | $T_A + 20\text{ °C}$ | - |
| 15 - 25 | T_A | $T_A + 10\text{ °C}$ | $T_A + 20\text{ °C}$ |
| 26 - 40 | $T_A - 20\text{ °C}$ | T_A | $T_A + 10\text{ °C}$ |
| 41 - 60 | $T_A - 30\text{ °C}$ | $T_A - 10\text{ °C}$ | T_A |
| > 61 | shall be agreed with the Register in each particular case after submitting the substantiation | $T_A - 20\text{ °C}$ | $T_A - 10\text{ °C}$ |

- 3 **Table 3.1.5-2** is replaced by the following text:

"Table 3.1.5-2

| Thickness, mm | Test temperature | | |
|---------------|---|----------------------|----------------------|
| | Special elements | Primary elements | Secondary elements |
| < 15 | T_A | $T_A + 10\text{ °C}$ | $T_A + 20\text{ °C}$ |
| 15 - 25 | $T_A - 10\text{ °C}$ | T_A | $T_A + 10\text{ °C}$ |
| 26 - 40 | $T_A - 20\text{ °C}$ | $T_A - 10\text{ °C}$ | T_A |
| 41 - 60 | $T_A - 30\text{ °C}$ ¹ | $T_A - 20\text{ °C}$ | $T_A - 10\text{ °C}$ |
| > 61 | shall be agreed with the Register in each particular case after submitting the substantiation | $T_A - 30\text{ °C}$ | $T_A - 20\text{ °C}$ |

¹ In order to confirm the use, the crack resistance parameter values shall be determined for the base metal and welded joint metal (CTOD) at the temperature T_A .

8 SHIP'S ELEVATING PLATFORMS

8.1 GENERAL

4 **Para 8.1.1** is replaced by the following text:

"8.1.1 The requirements of this Section apply to ship's elevating platforms with a safe working load of 1 ton and more, intended for vertical loading/unloading of cargoes and vehicles."

5 **Para 8.1.5** is replaced by the following text:

"8.1.5 If one of the lifting mechanisms fails, the rest of them shall ensure (structurally and functionally) interaction between the platform and guides. In such emergency case, the driving units of the ship's elevating platform shall stop automatically.

With this in view, the platform shall be equipped with an emergency system for its controlled lowering in the locked or supported position enabling it to be safely unloaded."

10 EXAMINATIONS, INSPECTIONS AND TESTING

10.4 PERIODICAL SURVEYS, EXAMINATIONS AND TESTS

6 **Para 10.4.3** is replaced by the following text:

"10.4.3 All interchangeable components and loose gear shall be thoroughly examined by the RS surveyor at least once every 12 months.

Examinations may include:

hammer check;

ultrasonic and/or radiographic testing;

dismantling of concealed components where appropriate.

The results of the examination shall be entered to Part II "Ship's Cargo Handling Gear Lifting Appliances" of the Register."

7 The following new **para 10.4.4** is introduced:

"10.4.4 Appliances for the personnel convey shall be thoroughly examined at least every 12 months in accordance with 10.2.12.

Based on the results of the examination, the Certificate of Test and Thorough Examination of Interchangeable Components and Loosing Gear (Form 5.1.4) shall be issued, and the results of the examination shall be entered to Part II "Ship's Cargo Handling Gear Lifting Appliances" of the Register."

8 **Existing paras 10.4.4 — 10.4.7** are renumbered **10.4.5 — 10.4.8**, accordingly.

9 The second paragraph of **existing para 10.4.6** (renumbered **para 10.4.7**) is deleted.