



# RUSSIAN MARITIME REGISTER OF SHIPPING

**CIRCULAR LETTER**

**No. 314-04-1909c**

dated 15.03.2023

Re:

amendments to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2023, ND No. 2-020101-175-E

Item(s) of supervision:

signal means

Entry-into-force date:

**15.04.2023**

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 Part IV "Technical Supervision during Manufacture of Products"

Acting Director General

Sergey A. Kulikov

Text of CL:

We hereby inform that the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for 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 during review and approval of the technical documentation on products installed on board the ships contracted for construction or conversion on or after 15.04.2023, in the absence of a contract, according to 5.10, Part II "Technical Documentation" of the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, starting from 15.04.2023.

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

Table 14.1.5

paras 14.4.3, 14.4.6 and 14.5.6

Appendices 7 and 8 to Section 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    | Table 14.1.5                     | Scope of survey of signal means has been specified                       | 314-04-1909c of 15.03.2023c            | 15.04.2023            |
| 2    | Para 14.4.3                      | Requirement for check of lights characteristics has been specified       | 314-04-1909c of 15.03.2023c            | 15.04.2023            |
| 3    | Para 14.4.6                      | Scope of survey and tests of lights has been specified                   | 314-04-1909c of 15.03.2023c            | 15.04.2023            |
| 4    | Para 14.5.6                      | Scope of survey and bench tests of sound signal means has been specified | 314-04-1909c of 15.03.2023c            | 15.04.2023            |
| 5    | Appendix 7 to Section 14         | Scope of survey and tests of lights has been specified                   | 314-04-1909c of 15.03.2023c            | 15.04.2023            |
| 6    | Appendix 8 to Section 14         | Scope of survey and bench tests of sound signal means has been specified | 314-04-1909c of 15.03.2023c            | 15.04.2023            |

## RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2023

ND No. 2-020101-175-E

### PART IV. TECHNICAL SUPERVISION DURING MANUFACTURE OF PRODUCTS

#### 14.1 GENERAL

1 **Table 14.1.5** is replaced by the following text:

"Table 14.1.5

| Items of technical supervision  | Inspection of documentation and complementing items | Visual inspection | Inspection of         |             |                     |                                | Measure of insulation resistance |
|---|---|-------------------|-----------------------|-------------|---------------------|--------------------------------|----------------------------------|
|   |   |                   | dimensions and masses | functioning | interchange ability | insulation electrical strength |                                  |
| Navigation lights   | +   | +                 | +                     | +           | +                   | + <sup>2</sup>                 | +                                |
| Flashing lights <sup>1</sup>  | +   | +                 | +                     | +           | +                   | +                              | +                                |
| Sound signal means  | +   | +                 | +                     | +           | +                   | —                              | +                                |
| <sup>1</sup> Excepting the lights with incandescent lamps and with no ignition control devices. |   |                   |                       |             |                     |                                |                                  |
| <sup>2</sup> Excepting the lights using built-in accumulator battery as a power source.         |   |                   |                       |             |                     |                                |                                  |

#### 14.4 NAVIGATION LIGHTS AND FLASHING LIGHTS

2 **Para 14.4.3** is replaced by the following text:

"**14.4.3** Check of the range of visibility of prototype lights shall be carried out in the laboratory conditions or during full-scale underway tests."

3 **Para 14.4.6** is replaced by the following text:

"**14.4.6** At the manufacturer's with serial production surveys and tests shall include the following inspections of:

- .1 compliance of details and assembly items with the operating documentation;
- .2 dimensions and mass;
- .3 operating tests;
- .4 interchangeability of details and units;
- .5 electrical strength and resistance of insulation<sup>1</sup>."

Accordingly, a footnote "1" is introduced reading as follows:

"<sup>1</sup> Excepting the navigation lights using built-in accumulator battery as a power source."

## 14.5 SOUND SIGNAL MEANS

4 **Para 14.5.6** is replaced by the following text:

"**14.5.6** At the manufacturer's with serial production surveys and bench tests of sound signal means shall include the following:

- .1 visual inspection;
- .2 check of dimensions and mass;
- .3 check of interchangeability of details and units;
- .4 determination of insulation resistance;
- .5 operating tests."

## APPENDIX 7

### SURVEY AND TESTS OF LIGHTS AT THE MANUFACTURER'S WITH SERIAL PRODUCTION

5 **The existing text of Appendix 7** is replaced by the following:

"Surveys and tests of lanterns shall include the following:

- .1 external inspection (refer to item 1 of Appendix 1);
- .2 check of dimensions and mass (refer to item 3 of Appendix 1);
- .3 tests of functioning (refer to item 4 of Appendix 1);
- .4 check of interchangeability of parts and units (possibility of rapid change of electric and oil lamps, possibility of inserting a lamp oil lantern with its chimney fitted);
- .5 check of insulation electrical strength of lanterns<sup>1</sup> (refer to item 12 of Appendix 1);
- .6 measurement of resistance of insulation of electric circuits of lanterns (refer to item 12 of Appendix 1)."

Accordingly, a footnote "1" is introduced reading as follows:

"<sup>1</sup> Excepting the navigation lights using built-in accumulator battery as a power source."

## APPENDIX 8

### SURVEYS AND BENCH TESTS OF SOUND SIGNAL MEANS AT THE MANUFACTURER'S WITH SERIAL PRODUCTION

6 **The existing text of Appendix 8** is replaced by the following:

"Surveys and bench tests of sound signal means shall include the following:

- .1 external inspection, check of dimensions and mass, interchangeability of parts and units, etc.;
- .2 electrical equipment of sound signal means shall be subjected to measurement of insulation resistance (refer to item 6 of Appendix 2)."