



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 322-05-1833c

dated 03.10.2022

Re:

amendments to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2022, ND No. 2-020101-156-E considering the experience of technical supervision

Item(s) of supervision:

technical documentation on ships

Entry-into-force date:

15.10.2022

~~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 Part II "Technical Documentation"

Director General

Konstantin G. Palnikov

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 ships contracted for construction or conversion on or after 15.10.2022, in the absence of a contract, during review and approval of the technical documentation on ships requested for review on or after 15.10.2022.
-

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

Part II: paras 4.3.2, 12.1.2, 12.1.5, 12.2.2.1, 12.2.3.1, 12.2.4.4, 12.3.2.1 and 12.3.3.1

Person in charge: Alexey V. Rumyantsev 322

+7 (812) 380-20-74

"Thesis" System No. 22-192779

**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 4.3.2	The date against which documentation on ships is reviewed in the absence of contract for construction, keel laying or a similar stage of construction has been specified	322-05-1833c of 03.10.2022	15.10.2022
2	Para 12.1.2	Requirement in footnote 1 has been specified	322-05-1833c of 03.10.2022	15.10.2022
3	Para 12.1.5	Requirement has been aligned with Part I of the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships	322-05-1833c of 03.10.2022	15.10.2022
4	Para 12.2.2.1	Requirement for the scope of documentation to be reviewed during type approval of software has been specified	322-05-1833c of 03.10.2022	15.10.2022
5	Para 12.2.3.1	Requirement for the scope of documentation for review of the software for a specific ship has been specified	322-05-1833c of 03.10.2022	15.10.2022
6	Para 12.2.4.4	The reference to the applicable requirements has been specified	322-05-1833c of 03.10.2022	15.10.2022
7	Para 12.3.2.1	Requirement for the scope of documentation to be reviewed during type approval of software has been specified	322-05-1833c of 03.10.2022	15.10.2022
8	Para 12.3.3.1	Requirement for the scope of documentation for review of the software for a specific ship has been specified	322-05-1833c of 03.10.2022	15.10.2022

RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2022,

ND No. 2-020101-156-E

PART II. TECHNICAL DOCUMENTATION

4 TECHNICAL DOCUMENTATION ON SHIPS

1 **Para 4.3.2** is replaced by the following text:

"**2** the date of the applicant's request for the design review (if the terms of construction of the ship (series of ships) are not known yet).".

12 SOFTWARE

2 **Para 12.1.2.** Footnote 1 is replaced by the following text:

"¹ Control calculations by the Register are not required if the calculations are carried out using the following software: ANSYS, NASTRAN, ABAQUS, FESTA, SCAD, LIRA, Anchored Structures, LS-DYNA, DIODORE, Zenit-95 or software developed by ACS – IACS member.".

3 **Para 12.1.5** is replaced by the following text:

"**12.1.5** The Type Approval Certificate for Software (СТОП) (form 6.8.5) is issued for the software reviewed and verified in accordance with the requirements of these Rules, for the period not exceeding 5 years.".

4 **Para 12.2.2.1** is replaced by the following text:

"**12.2.2.1** The technical documentation on software submitted for review shall include as follows:

- name of the software;
- description of calculation procedure;
- hardware/operation system requirements;
- User Manual;
- results of test calculations carried out using the software;
- input data for test calculations (ship's hull form data, compartmentation data, lines plan, offset tables, hydrostatic tables, capacity tables, etc.)."

5 **Para 12.2.3.1** is replaced by the following text:

"**12.2.3.1** For review of the onboard software for a specific ship, the following documentation shall be submitted to the Register:

- User Manual developed for a specific ship;
- results of test calculations carried out using the software;
- description of calculation procedure (if the onboard software does not have a Type Approval Certificate for Software (СТОП));
- approved documentation on stability.".

6 **Para 12.2.4.4.** The reference to para 12.2.5 is replaced by the reference to para 12.2.6.

7 **Para 12.3.2.1** is replaced by the following text:

"**12.3.2.1** The technical documentation on software submitted for review shall include the following:

name of the software;

description of calculation procedure;

hardware/operation system requirements;

User Manual;

results of test calculations carried out using the software;

input data for test calculations (ship's hull form data, compartmentation data, lines plan, offset tables, hydrostatic tables, capacity tables, etc.)."

8 **Para 12.3.3.1** is replaced by the following text:

"**12.3.3.1** For review of the software for a specific ship, the following documentation shall be submitted to the Register:

User Manual developed for a specific ship;

results of test calculations carried out using the software;

description of calculation procedure (if the onboard software does not have a Type Approval Certificate for Software (СТОП));

approved Loading Manual."