



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 381-16-1375c

dated 15.04.2020

Re:

amendments to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2020, ND No. 2-020101-130-E

Item(s) of supervision:

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part I "General Regulations for Technical Supervision"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the amendments given in the Appendices to this Circular Letter shall be introduced into the Rules for Technical Supervision During Construction of Ships and Manufacture of Materials and Products for Ships.

It is necessary to do the following:

1. Familiarize the surveyors of the RS Branch Offices with the content of the Circular Letter.
 2. Apply provisions of the Circular Letter.
 3. Clarify the provisions of the Circular Letter to all interested parties in the area of the RS Branch Offices' activity.
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List of the amended and/or introduced paras/chapters/sections:

Part I: paras 4.1.1, 4.5, 4.5.1, 4.6 and 6.4, Tables 5.2-1 and 5.2-2, Appendices 1 and 2

Person in charge: Anatoly F. Remarchuk 381

+7 812 6050515

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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 4.1.1	Requirements for authorization during type approval of products have been specified	381-16-1375c of 15.04.2020	15.04.2020
2	Paras 4.5, 4.5.1 and 4.6	Paras 4.5 and 4.5.1 have been deleted. Para 4.6 and references thereto have been renumbered 4.5	381-16-1375c of 15.04.2020	15.04.2020
3	Para 4.5 (former para 4.6)	The para has been completely amended. Requirements for the contract on technical supervision have been specified	381-16-1375c of 15.04.2020	15.04.2020
4	Table 5.2-1	Note 6 regarding products of safety classes 1, 2 and 3 has been introduced	381-16-1375c of 15.04.2020	15.04.2020
5	Table 5.2-2	Requirements for surveys of materials have been specified	381-16-1375c of 15.04.2020	15.04.2020
6	Para 6.4	Requirements for surveys of structurally similar materials and products have been specified	381-16-1375c of 15.04.2020	15.04.2020
7	Table 12.1.1	Kind of activity with code 2202400 has been aligned with the RS rules	381-16-1375c of 15.04.2020	15.04.2020
8	Appendix 1	Requirements for survey of materials and products have been specified	381-16-1375c of 15.04.2020	15.04.2020
9	Appendix 1	Amendments have been introduced in connection with the deletion of 4.5 from Part I	381-16-1375c of 15.04.2020	15.04.2020

RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2020

ND No. 2-020101-130-E

PART I. GENERAL REGULATIONS FOR TECHNICAL SUPERVISION

4 REQUESTS, CONTRACTS AND AGREEMENTS ON TECHNICAL SUPERVISION

1 **Para 4.1.1.** The first paragraph is replaced by the following text:

"**4.1.1** If in case of type approval the firm is not the manufacturer of the products, the firm shall, in addition to the provisions of 4.1, be authorized by the manufacturer (which shall be documented) to do the following:"

2 **Paras 4.5 and 4.5.1** are deleted. **Para 4.6** and references thereto are renumbered **4.5**.

3 **Para 4.5 (former para 4.6)** is replaced by the following text:

"**4.5** The contract on technical supervision becomes invalid in case of inadequate fulfilment of the commitments under the contract, including payments for the RS services as well as in the following cases:

- .1 upon expiry of type approval for material or product manufactured by the manufacturer;
- .2 subject to non-compliance of the manufacturer with the requirements of survey;
- .3 if the CKK Certificate becomes invalid in compliance with 3.6;
- .4 upon expiry of validity of the contract;
- .5 cancellation of the contract if desired by the parties who signed it."

5 TECHNICAL SUPERVISION DURING MANUFACTURE OF MATERIALS AND PRODUCTS

4 **Table 5.2-1** is supplemented by **Note 6** reading as follows:

"6. Products of 1, 2 and 3 safety classes in accordance with the Rules for the Classification and Construction of Nuclear-Powered Vessels and Floating Facilities shall be surveyed to the extent of group 5 regardless of the code. In this regard, the product shall be supplied with the Quality Assurance Plan."

5 **Table 5.2-2** is replaced by the following one:

"Table 5.2-2

Stage of technical supervision	Type of survey/Issued document	Material groups									
		Group 1M	Group 2M***			Group 3M			Group 4M		Group 5M
		1.1	2.1	2.2	2.3	3.1	3.2	3.3	4.1	4.2	5.1
Manufacturer recognition/ type approval	Approval of technical documentation on material	x*	x	x	x	x	x	x	x	x	x*
	Tests at initial survey	—	x	x	x	x	x	x	x	x	—
	Type of recognition certificate for a manufacturer or a type approval certificate on material issued by RS	—	—	COCM	CTO	—	CTO		СПИ		—
Survey of serial materials	Survey of the firm's quality control system/periodical confirmation of СПИ/COCM	—	—	x	—	—	CKK 1	CKK 2	x	x	—
	Type of the Quality Control System Certificate issued by RS	—	—	—	—	—	CKK 1 Cert.	CKK 2 Cert.	—	CKK 2 Cert.	—
	Survey of material by RS	—	x	—	—	x	x	—	x	—	x**
	Certificate issued by RS	—	C	—	—	C	C3	—	C	C3	C
	Document issued by the manufacturer	M	M	MC	MC	M	M	MC	M	M	M
<p>*Review of technical documentation on material is carried out simultaneously with approval of technical documentation on the item of technical supervision where the material is applied (item of application).</p> <p>**Survey is carried out in the scope prescribed by technical documentation, as specified in the documentation on the item of application to be approved by the Register.</p> <p>***For welding materials, stages of technical supervision as for groups 2.1 and 2.2 shall apply, for other materials — as for groups 2.1 and 2.3.</p>											

".

6 TYPE APPROVAL OF MATERIALS, PRODUCTS, PRODUCTION PROCESSES AND SOFTWARE

6 **Para 6.4** is replaced by the following text:

"6.4 In order to obtain the Type Approval Certificate (CTO) the manufacturer shall apply to the Register with a request and submit the technical documentation on the material, product, software or production process, as well as the test programme, unless otherwise stated in the relevant parts of these Rules. When reviewing and approving this documentation, the scope of surveys during manufacture and testing of specimens shall be specified.

In case of approval of structurally similar materials or products which differ in operating parameters and/or dimensions, the representative samples with the least favorable (as regards loads and reliability) and the most favorable operating parameters are subject to testing. If operating parameters of all representative samples are the same, the smallest and largest samples are subject to testing. Other principles of taking samples for tests established by industry standards and regulatory documents may also be applied provided that references to these documents are given in the RS reporting documents. If sampling procedure for testing of materials or products of a certain type is established in the relevant section of these Rules, the provisions of this para shall not apply."

12 AUDITS OF FIRMS

7 **Table 12.1.1.** Kind of activity with code 2202400 is replaced by the following text:

"Manufacture of nuclear steam supply systems (NSSS) equipment of safety classes 1, 2 and 3".

APPENDIX 1

NOMENCLATURE OF ITEMS OF THE REGISTER TECHNICAL SUPERVISION

8 **New code 06010104MK** is introduced reading as follows:

"

06010104MK	B-30	2			
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"

9 **Code 06010300MK** shall be replaced by the following text:

"

06010300MK	C class bulkheads, doors	1			
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"

10 **New code 06050400MK** is introduced reading as follows:

"

06050400MK	deck integrated foam nozzles	3			
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"

11 **Codes 07030400 — 07050000** are replaced by the following text:

"

07030400	Steerable propellers:	4/5			4 – for typical structures
07030401	propeller	4/5			4 – for typical structures
07030402	shafts	4/5			4 – for typical structures
07030403	pinions	3			
07030404	housings	3			
07030407	propeller shaft seals	2			
07030408	steering tube sealing	2			
07030409	thrust bearings	2			
07030410	steady bearings	2			
07030412	steering gear wheel and pinion	3			
07030413	steering gear bearing	3			
07030414	machineries of hydraulic steering system	2			
07030415	flexible hoses of hydraulic and lubrication system	2			
07030416	connecting bolts of hull, shafts and steering gear rings	2			
07030500	Thrusters	3			

"

07030600	Main steerable podded electrical propulsion units:	4/5			4 – for typical structures
07030602	propeller	4/5			4 – for typical structures
07030603	shafts	4/5			4 – for typical structures
07030604	thrust bearings	2			
07030605	journal bearings	2			
07030606	propeller shaft seals	2			
07030607	steering tube sealing	2			
07030609	machineries of hydraulic steering system	2			
07030611	machineries of hydraulic systems of steering brake gear	2			
07030613	machineries of hydraulic systems of shaft brake gear	2			
07030614	cooling air unit	1			
07030616	lubrication oil treatment (cleaning and control) unit	1			
07030618	steering gear wheel and pinion	3			
07030619	steering gear bearing	3			
07030620	swivel of lubrication and drainage systems	1			
07030621	flexible hoses of hydraulic and lubrication system	2			
07030622	connecting bolts of hull, shafts and steering gear rings	2			
07030625	housings	3			
07030700	Water jets	4			
07040000	Shock absorbers	1	CTO MR		
07050000	Bulkhead seals and glands	2			

12 **Code 09110000** is deleted.

13 **Code 11040400** is replaced by the following text:

11040400	control, monitoring and alarm panels and switchboards for essential services	3			
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14 **Codes 11040401, 11040402, 11040403** are deleted.

15 **Code 11070100** is replaced by the following text:

11070100	engine room telegraphs	3			
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16 **New code 11080000** is introduced reading as follows:

11080000	Internal service communication				
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17 **New code 11080100** is introduced reading as follows:

"

11080100	Sound-powered telephones	2			
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"

18 **Codes 15010000 — 15030400** are replaced by the following text:

"

15010000	Integrated control system of technical means (Integrated automation systems)	4			
15020000	Alarm and monitoring system, including computer-based systems	4			
15030000	Main machinery automated (remote control) systems:				
15030100	remote automated control systems of main internal combustion engines	4			
15030200	remote automated control systems of main machinery with CPP	4			
15030300	remote automated control systems of main gas turbines	4			
15030400	remote automated control systems of main steerable propellers	4			

"

19 **Code 15090100** is replaced by the following text:

"

15090100	automation devices as part of control systems listed in codes 15010000 to 15080000	2			
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"

20 **Code 15120000** is replaced by the following text:

"

15120000	Panels, switchboards and other enclosures for automation systems	1			
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"

21 **Code 18010100** is replaced by the following text:

"

18010100	components of containment structures	5			
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"

22 **Codes 18040300 — 18040400.** Editorial amendments are made for the Russian version only.

23 **Code 18070000** is replaced by the following text:

"

18070000	Equipment, components of systems of safety classes 1, 2 and 3:	5			
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"

24 **Codes 18010200, 18010300, 18010400, 18010500, 18070100, 18070200, 18070300, 08070400, 18070500, 18070600, 18070700, 18070800, 18070900, 18071000, 18071100, 18071200, 18071300, 18071400, 18071500, 18071600, 18071700, 18071800, 18071900, 18072000** are deleted.

25 **Codes 18040000, 18040406, 18050000, 18050500, 18070000.** Editorial amendments are made for the Russian version only.

26 **Code 18080000** is replaced by the following text:

"

18080000	Fittings and valves of systems of safety classes 1, 2 and 3	5			
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"

27 **Code 18160000** is replaced by the following text:

"

18160000	Rolled products, forgings, castings, pipes for equipment and systems of safety classes 1, 2 and 3	5M			
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"

28 **New code 18170000** is introduced reading as follows:

"

18170000	Pipes and pipeline sections of systems of safety classes 1 and 2, fittings of systems of safety classes 1 and 2	5			
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APPENDIX 2

INSTRUCTIONS ON BRANDING OF ITEMS OF THE REGISTER TECHNICAL SUPERVISION

29 The words "in accordance with the Agreement on Survey (CO) (refer to 4.5 of this Part)" are replaced by "in accordance with the contract on technical supervision (refer to 4.4 of this Part)" throughout the text of Appendix 2.