



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 381-08-1714c

dated 09.03.2022

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:

materials, products, activity

Entry-into-force date:

01.04.2022

~~Cancels / amends / adds Circular Letter No.~~

~~dated~~

Number of pages: 1+9

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 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 materials and products as well as when performing technical supervision during manufacture of materials and products, when the requests for service rendering listed above are received on or after 01.04.2022.
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List of the amended and/or introduced paras/chapters/sections:

Part I: paras 1.1.1, 2.2.27, 3.1, 3.3, 3.4, 3.6, 3.10, 5.8 — 5.12 and 10.2.1.1, Table 12.1.1, para 12.1.2, Appendix 1 and Appendix 3

Person in charge: Anatoly F. Remarchuk 381

+7 812 6050515

"Thesis" System No. 22-33884

**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 1.1.1	New definition "Remote survey" has been introduced	381-08-1714c of 09.03.2022	01.04.2022
2	Para 2.2.27	New para containing conditions for remote survey of the item of technical supervision has been introduced	381-08-1714c of 09.03.2022	01.04.2022
3	Para 3.1	Requirement regarding the Certificate of Approval for Welding Consumables (COCM) has been specified	381-08-1714c of 09.03.2022	01.04.2022
4	Paras 3.3 and 3.4	Requirements regarding the Certificate of Approval for Welding Consumables (COCM) have been specified	381-08-1714c of 09.03.2022	01.04.2022
5	Para 3.6	Requirement regarding the Certificate of Approval for Welding Consumables (COCM) has been specified	381-08-1714c of 09.03.2022	01.04.2022
6	Para 3.10	Requirement regarding the Certificate of Approval for Welding Consumables (COCM) has been specified	381-08-1714c of 09.03.2022	01.04.2022
7	Paras 5.8 — 5.12	New para 5.8 containing specifying requirements for survey of materials and products has been introduced. Paras 5.8 — 5.11 have been renumbered 5.9 — 5.12 accordingly	381-08-1714c of 09.03.2022	01.04.2022
8	Para 5.13	New para containing specifying requirements for survey of materials has been introduced	381-08-1714c of 09.03.2022	01.04.2022
9	Para 10.2.1.1	Qualification requirements for personnel of testing laboratory have been specified	381-08-1714c of 09.03.2022	01.04.2022
10	Table 12.1.1	Kinds of activity of the firms have been specified	381-08-1714c of 09.03.2022	01.04.2022
11	Para 12.1.2	Codes for kinds of activity of the firms have been specified	381-08-1714c of 09.03.2022	01.04.2022

Nos.	Amended paras/chapters/ sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
12	Appendix 1	<p>New items of technical supervision with codes 06030801MK, 09012400, 11130112, 14040301MK and 14040302MK have been introduced.</p> <p>Requirements for survey of materials and products with codes 06010005MK, 07030409, 07030410, 13111420, 13164100, 14030400MK and 14040300MK have been specified</p>	381-08-1714c of 09.03.2022	01.04.2022
13	Appendix 3	New Appendix 3 "Carrying out of Remote Surveys" has been introduced	381-08-1714c of 09.03.2022	01.04.2022

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

ND No. 2-020101-156-E

PART I. GENERAL REGULATIONS FOR TECHNICAL SUPERVISION

1 TERMS, DEFINITIONS, ABBREVIATIONS

1 Para 1.1.1. After the definition "Date of build of the ship for the purpose of application of the requirements of international conventions" new definition "Remote survey" is introduced reading as follows:

"Remote survey is a survey of items of technical supervision carried out by the Register without the physical presence of the RS surveyor by means of live video and audio streaming with two-way communication between RS and the representative of the manufacturer or the firm."

2 GENERAL

2 New para 2.27 is introduced reading as follows:

"**2.27** In cases of limited access to the items of technical supervision, the Register may allow the items to be surveyed remotely."

3 SERVICES RENDERED IN TECHNICAL SUPERVISION DURING MANUFACTURE OF MATERIALS AND PRODUCTS. DOCUMENTS ISSUED

3 Para 3.1 is replaced by the following text:

"**3.1** When carrying out technical supervision during manufacture of materials and products, construction, conversion, modernization and repair of ships, the Register carries out:
type approval of materials or products with issue of the Type Approval Certificate (CTO);
approval of welding consumables with issue of the Certificate of Approval for Welding Consumables (COCM);
recognition of the manufacturer with issue of the Recognition Certificate for Manufacturer (СПИ);
recognition of the testing laboratory conducting tests and measurements in accordance with Table 10.1.1 with issue of the Recognition Certificate of Testing Laboratory (СПЛ);
recognition of service suppliers performing the activity in accordance with Table 9.1.1 with issue of the Recognition Certificate (СП);
audit of the firms performing the activity in accordance with Table 12.1.1 with issue of the Certificate of Firm Conformity (ССП);
approval of serial materials and products with issue of C, C3;
single approval of materials and products with issue of C;
approval of the quality control system with issue of the CKK Certificate;
survey of materials and products with issue of Report (form 6.3.29)."

4 **Paras 3.3 and 3.4** are replaced by the following text:

3.3 Based on the results of technical supervision, the Register issues the following documents of the established form that certify the conformity of the item of technical supervision with the RS requirements, as well as its manufacture (construction) under the Register technical supervision:

the certificates (C, C3) are documents certifying the conformity of the particular materials, products or groups of products with the requirements of the RS rules and normative documents;

the Type Approval Certificate (CTO) is a document certifying the conformity of types of materials, products or groups of products, type production processes with the requirements of the RS rules (refer to Section 6);

the EU RO Mutual Recognition Type Approval Certificate (CTO MR) is a document certifying the conformity of types of materials, products or groups of products with the requirements of European Union Recognized Organization (EU RO) Mutual Recognition Procedure for Type Approval (refer to Section 6);

certificates of type approval (COTO), certificates of type test (COTИ) are documents certifying the conformity of the type of ship's equipment and arrangements for the prevention of environment pollution with the requirements of MARPOL 73/78 and IMO resolutions;

the Certificate of Approval for Welding Consumables (COCM) is a document certifying the conformity of brands of welding consumables with the requirements of the RS rules and normative documents;

the Type Approval Certificate of Ballast Water Management System (COOT) is a document certifying the conformity of the type of ballast water management system with the requirements of the International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004, as well as with the Guidelines for Approval of Ballast Water Management Systems (G8);

the Recognition Certificate for Manufacturer (СПИ) is a document certifying the recognition by the Register of the firm as manufacturer of materials and products for ships subject to the Register technical supervision (refer to Section 11);

the Recognition Certificate of Testing Laboratory (СПЛ) is a document certifying the competence of the laboratory in carrying out certain types of tests of the materials and products (refer to Section 10);

the Recognition Certificate (СП) is a document certifying the recognition of the service supplier rendering services (carrying out works) in compliance with the RS requirements (refer to Section 9);

the Certificate of Firm Conformity (ССП) is a document certifying the conformity of the firm with the RS requirements in rendering services (carrying out works) indicated in the request (refer to Section 12);

CKK Certificate is a document certifying the compliance of the manufacturer's quality control system with the RS rules;

the SO_x Emission Compliance Certificate/Certificate of Unit Approval for Exhaust Gas Cleaning Systems (SECC) is a document certifying the conformity with the requirements of Annex VI to MARPOL 73/78 for the exhaust gas cleaning systems.

3.4 Validity period of the CKK Certificate, Recognition Certificate for Manufacturer (СПИ), Recognition Certificate of Testing Laboratory (СПЛ), Certificate of Firm Conformity (ССП), Certificate of Approval for Welding Consumables (COCM) shall not exceed five years. Certificates are subject to endorsement not less than once a year. Endorsement shall be done within the period limited by thirty (30) days before and thirty (30) days after the specified date of endorsement of the certificate.

The Recognition Certificate (СП) shall be issued for three (3) years and is not subject to endorsement. Upon expiry of the validity period the certificates are renewed on request of the firm.

RS reserves the right to carry out occasional surveys of a firm having a valid RS certificate if an item of technical supervision has been found non-compliant with the RS requirements including third party information."

5 **Para 3.6** is replaced by the following text:

"3.6 The CKK Certificate, Recognition Certificate for Manufacturer (СПИ), Recognition Certificate of Testing Laboratory (СПЛ), Recognition Certificate (СП), Certificate of Firm Conformity (ССП), Certificate of Approval for Welding Consumables (СОСМ) are cancelled:

- .1 upon expiry of the certificate period of validity;
- .2 in case causes of the certificate suspension have not been eliminated within the agreed period;
- .3 in case the certificate has not been endorsed within the specified period;
- .4 if the contract or agreement on technical supervision has become invalid in cases provided for in 4.5;
- .5 in case of the firm bankruptcy or liquidation;
- .6 where the firm failed to inform the Register in writing of any alterations to its quality system related to the RS area of recognition;
- .7 where the firm submits information known to be false."

6 **Para 3.10** is replaced by the following text:

"3.10 Compliance of welding procedures with the requirements of the Rules for the Classification and Construction of Sea-Going Ships is certified by the Welding Procedure Approval Test Certificate (СОТПС)."

5 TECHNICAL SUPERVISION DURING MANUFACTURE OF MATERIALS AND PRODUCTS

7 **New para 5.8** is introduced reading as follows:

"5.8 Separate items of the bench test program for the product, if agreed with RHO, may be carried over to the extended program of the ship mooring and sea trials. Tests performance onboard the ship shall be pre-arranged by the product manufacturer with the shipyard and its customer."

8 **Existing paras 5.8 — 5.11** are renumbered **5.9 — 5.12** accordingly.

9 **New para 5.13** is introduced reading as follows:

"5.13 Manufacturers of products of group 2 and materials of group 2M may notify of the production sites where products to be approved are manufactured. The specified production sites are stated in the Type Approval Certificate (СТО)."

10 RECOGNITION OF TESTING LABORATORIES

10 **Para 10.2.1.1** is replaced by the following text:

"10.2.1.1 Personnel of testing laboratory shall have a minimum of two years of experience in testing, measurements in the sphere of recognition, unless otherwise stated in the national requirements."

12 AUDITS OF FIRMS

11 **Table 12.1.1** is replaced by the following text:

"Table 12.1.1

Code	Kinds of activity
22009000	Diagnosics of devices, installations, machinery, equipment, hull structures and other items of technical supervision

Code	Kinds of activity
22013000	Shore-based centre for damage stability and residual structural strength calculation
22014000	Conversion, modernization and repair of items of technical supervision:
22014011	Conversion, modernization and repair of items of hull structures
22014012	Installation, commissioning, maintenance and repair of arrangements, equipment and outfit
22014013	Installation, commissioning, maintenance and repair of machinery installations
22014014	Installation, commissioning, maintenance and repair of boilers, heat exchangers and pressure vessels
22014015	Installation, commissioning, maintenance and repair of systems and piping
22014016	Installation, commissioning, maintenance and repair of electrical equipment
22014017	Installation, commissioning, maintenance and repair of automation
22014004	Repair of items of technical supervision using composite and polymer materials
22014005	Theoretical training and welders' practical qualification tests (at certification centers)
22017000	Training and certification of personnel for thickness measurement on ships (ultrasonic examination) in shipbuilding and shiprepair sector
22017010	Training and examination of coating inspectors
22017020	Inclining test and light-weight check of ships
22020000	Manufacture of nuclear steam supply systems (NSSS) equipment of safety classes 1, 2 and 3
22024000	Repair of items of technical supervision using composite and polymer materials

12 **Para 12.1.2** is replaced by the following text:

"**12.1.2** Where technical supervision is conducted in the firms engaged in the activity with codes 22009000, 22013000, 22014000, 22014011, 22014012, 22014013, 22014014, 22014015, 22014016, 22014017, 22014004, 22014005, 22017000, 22017010, 22017020, 22020000, 22024000, these firms shall be audited by RS for compliance with the requirements in Section 8, relevant special requirements in 12.3, and requirements of the Administration (if any). In future, the Register reserves the right to audit the firm for compliance with the requirements in Section 8, relevant special requirements in 12.3, where necessary.

In addition to requirements in Section 8, the firm may be audited on a voluntary basis against the requirements in 12.2."

APPENDIX 1

NOMENCLATURE OF ITEMS OF THE REGISTER TECHNICAL SUPERVISION

13 **Code 06010005MK** is replaced by the following text:

"

06010005MK	Passages of cables, piping and air pipes	2			Verification of quality control system shall be conducted followed by issue of the CKK 1 Certificate
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"

14 **New code 06030801MK** is introduced reading as follows:

"

06030801MK	equipment carbon dioxide fire extinguishing systems as well as systems containing fire extinguishing gas in cylinders: cylinders for storing carbon, fittings of fire extinguishing systems (non-return valves, safety valves, / starting valves, shut-off valves), manifold, starting arrangements (lever and/or remote starting drive)	3			
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"

15 **Codes 07030409 and 07030410** are replaced by the following text:

"

07030409	thrust bearings	1			
07030410	steady bearings	1			

"

16 **New code 09012400** is introduced reading as follows:

"

09012400	Dampes and antivibrators	1			
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"

17 **New code 11130112** is introduced reading as follows:

"

11130112	Cryogenic cables	3			
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"

18 **Code 13111420** is replaced by the following text:

"

13111420	weldability at high heat input "W"	4M			
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"

19 **Code 13164100** is replaced by the following text:

"

13164100	castings	5M		K	For serial production, group 4M is allowed
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"

20 **Code 14030400MK** is replaced by the following text:

"

14030400MK	safety device (SWL indicators, limit-load switches, hi-jacking devices, limit switches, jib-radius indicators, safety switches, signal devices)	1			
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"

21 **Code 14040300MK** is replaced by the following text:

"

14040300MK	lift equipment (counterbalances, buffers, safety devices, etc.)	1			
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"

22 **New codes 14040301MK and 14040302MK** are introduced reading as follows:

"

14040301MK	trunk doors not forming part of the tight structure	1	СТПК		
14040302MK	trunk doors forming part of the tight structure	3			Verification of quality control system shall be conducted followed by issue of the CKK 1 Certificate. Document to be issued — СТПК

"

23 **New Appendix 3** is introduced reading as follows:

"APPENDIX 3

CARRYING OUT OF REMOTE SURVEYS

1 Preliminary audit.

1.1 The preliminary audit of the firm shall be carried out to assess the possibility of the remote survey. During the preliminary audit:

plan of forthcoming survey (including types of tests with identification of the equipment used, products manufacturing numbers/numbers of casts or semi-finished products, breaks between communication sessions) shall be agreed;

presentation format for each plan item (online video communication/sending of video file/documentation) shall be agreed;

list of participants shall be agreed;

operability of communication means and quality of communication link considering declared number of participants (including assessment of readability of measuring equipment readings, adequacy of lighting at production sites, absence of foreign noise and interferences) shall be checked;

organizational factors limiting full-scale remote survey at the particular firm shall be identified.

2 Requirements for technical support of remote surveys.

2.1 The possibility to demonstrate online the firm's documents and technical documentation in electronic form shall be provided. In the absence of the documents in electronic form, they can be quickly scanned or photographed and then sent to the RS surveyor in agreed way.

2.2 Photos and video footage shall contain automatically generated shooting date or contain this information in the file metadata.

2.3 The quality of video signal during the survey of production premises and items of survey shall be at least at the level stated in the Protocol of the Assessment of Readiness for Remote Survey.

3 Additional requirements for survey of materials and products.

3.1 Remote survey may be applied to the firms complying with the following criteria:

availability of the Type Approval Certificate (CTO) (form 6.8.3) or approved technical documentation in case the technical supervision only on the basis of the approved technical documentation is allowed by the Rules;

compliance of the Quality Management System (QMS) with ISO 9001;

absence of negative experience in technical supervision.

3.2 Branding is not performed during remote survey, and, therefore the issued certificate shall contain the remark "not required" (remote survey) in the box "RS Brand".

4 Additional requirements for survey of firms.

4.1 For firms having the Recognition Certificate (СП), Recognition Certificate of Testing Laboratory (СПЛ), Certificate of Firm Conformity (ССП), Recognition Certificate for Manufacturer (СПИ), Quality Control System Certificates (СКК1, СКК2) and Agreement on Survey (СО), the remote survey shall be carried out at renewal or periodical surveys as applicable.

4.2 At initial surveys and in case of extension of the area of recognition for issue of СП, СПЛ, ССП, СКК1, СКК2 and СПИ, other classification societies may be involved to carry out the survey at the firm and to participate in the activities demonstration. The survey by other classification societies is carried out according to the RS-approved programme. In this regard, RS shall review documentation of the firm and carry out the remote survey for the purpose of verification of compliance with the requirements of 8.2.1 — 8.2.8 and with other provisions of the relevant sections of this Part.

4.3 Where it is impossible to carry out remote survey due to technical reasons or illness of the personnel involved in the main activities, the survey may be once extended for the period up to 3 months."