



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 381-13-1640c**

dated 12.10.2021

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Re:

amendments to the Rules for Technical Supervision During Construction of Ships and Manufacture of Materials and Products for Ships considering the experience of technical supervision

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Item(s) of supervision:

material, product, activity

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Entry-into-force date:

**01.11.2021**

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Cancels / amends / adds Circular Letter No.

dated

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Number of pages: 1+6

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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" and Part IV "Technical Supervision during Manufacture of Products"

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Director General

Konstantin G. Palnikov

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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.

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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 equipment/products/machinery, and while performing technical supervision during manufacture of equipment/products/machinery, if the above services are requested on or after 01.11.2021.
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List of the amended and/or introduced paras/chapters/sections:

Part I: Table 5.2-2, paras 9.3.1.1.8 and 9.3.1.2.6, Appendix 1

Part IV: paras 1.3.5 and 1.6.3

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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	Part I, Table 5.2-2	Requirements for technical supervision of materials have been specified	381-13-1640c of 12.10.2021	01.11.2021
2	Part I, para 9.3.1.1.8	Conditions of TM firm recognition have been specified	381-13-1640c of 12.10.2021	01.11.2021
3	Part I, para 9.3.1.2.6	Conditions of TM firm recognition have been specified	381-13-1640c of 12.10.2021	01.11.2021
4	Part I, Appendix 1	New items of technical supervision with codes 05410000 – 05415000, 09100600MK, 13171100, 13171200, 14050103MK, 15140000 and 15141000 have been introduced. Requirements for survey of materials and products with codes 06010101MK – 06010109MK, 06010111MK, 06010112MK, 06010201MK – 06010206MK, 06010300MK, 06010401 – 06010403, 06010501MK – 06010504MK, 06010005MK, 06010006MK, 06020101MK – 06020105MK, 06020200MK, 06020300MK, 06020400MK, 09017001MK, 09070003, 13170000 and 13361000MK – 13392000 have been specified. Code 20300000 has been deleted	381-13-1640c of 12.10.2021	01.11.2021
5	Part IV, para 1.3.5	Reference to the applicable requirements of these Rules has been specified	381-13-1640c of 12.10.2021	01.11.2021
6	Part IV, para 1.6.3	Para has been amended to harmonize with the requirements of these Rules	381-13-1640c of 12.10.2021	01.11.2021

**RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS  
AND MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2021**

**ND No. 2-020101-139-E**

**PART I. GENERAL REGULATIONS FOR TECHNICAL SUPERVISION**

**5 TECHNICAL SUPERVISION DURING MANUFACTURE OF MATERIALS  
AND PRODUCTS**

1 **Table 5.2-2** is replaced by the following text:

"Table 5.2-2

Stage of technical supervision	Type of survey/ Issued document	Material groups									
		Group 1M	Group 2M <sup>1</sup>			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	× <sup>2</sup>	×	×	×	×	×	×	×	×	×
	Tests at initial survey	—	×	×	×	×	×	×	×	×	—
	Type of a recognition certificate for manufacturer or a type approval certificate on material issued by RS	—	—	COCM	СТО	—	СТО		СПИ		—
Survey of serial materials	Survey of the firm's quality control system/periodical confirmation of СПИ/COCM	—	—	×	—	—	СКК 1	СКК 2	×	×	—
	Type of the Quality Control System Certificate issued by RS	—	—	—	—	—	СКК 1 Cert.	СКК 2 Cert.	—	СКК 1 Cert.	—
	Survey of material by RS	—	×	—	—	×	×	—	×	—	× <sup>3</sup>
	Certificate issued by RS	—	C	—	—	C	C3	—	C	C3 <sup>4</sup>	C
	Document issued by the manufacturer	M	M	MC	MC	M	M	MC	M	M	M

<sup>1</sup> 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.  
<sup>2</sup> 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).  
<sup>3</sup> 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.  
<sup>4</sup> The validation of inspection certificates of type 3.2 according to EN 10204:2004 is allowed,

**9 RECOGNITION OF SERVICE SUPPLIERS**

2 **Para 9.3.1.1.8** is replaced by the following text:

"**9.3.1.1.8** Details of Category I TM firm recognition.

TM firm recognition and issuance of the Recognition Certificate (СП) (form 7.1.4.2) are conditional on a practical demonstration of thickness measurements on board the ship, other floating facility or fixed offshore platform (FOP) performed under supervision of the RS surveyor, as well as satisfactory reporting being carried out based on the results of thickness measurements. The practical demonstration of thickness measurements shall be performed on board the existing ESP ship (regardless of gross tonnage) or on any other type of ship, other than a fishing vessel, of 500 gross tonnage and upwards. In this regard, the scope of demonstration tests on thickness measurements shall be sufficient to ascertain that operators and supervisors

have adequate knowledge of ship structures and assess the results of measurements performed in compliance with the RS normative documents.

Information on operators/supervisors shall be entered in the Annex to the Recognition Certificate.

An entry on the type of service shall be made in the Annex to the Recognition Certificate (CP) reading as follows: "22001001 — Category I: thickness measurements under supervision of the RS surveyor on any ship types, other floating facilities (including floating docks, mobile offshore drilling units (MODUs), floating offshore oil-and-gas production units (FPUs)) and fixed offshore platforms (FOPs) regardless of their gross tonnage". During survey of recognized TM firms for renewal of the Recognition Certificate (CP), it shall be confirmed that they fully comply with the applicable requirements of the RS normative documents concerning the TM firm recognition, and that the residual thickness measurements during the period of validity of the Recognition Certificate (CP) have been carried out on particular ships, other floating facilities, FOPs under supervision of the RS surveyor or under supervision of the ACS — IACS member surveyors, whose Recognition Certificates (CP) are also available at the TM firm. It shall be also confirmed that thickness measurement reports have been duly signed and stamped by the RS or ACS — IACS member surveyors. Particular attention shall be paid to the relevance of the list of the TM firm operators/supervisors and to the availability of the necessary documents confirming the NDT personnel qualification."

3 **Para 9.3.1.2.6** is replaced by the following text:

**"9.3.1.2.6** Details of Category II TM firm recognition.

Upon reviewing the submitted documents with satisfactory results, the TM firm shall be audited to ascertain that the supplier (TM firm) is duly organized and managed in accordance with the submitted documents, and is capable of rendering the services which recognition of supplier (TM firm)/issuance of the Recognition Certificate (CP) is required.

The TM firm recognition and issuance of the Recognition Certificate (CP) are conditional on a practical demonstration of thickness measurement on board the ship performed under supervision of the RS surveyor, as well as satisfactory reporting being carried out based on the NDT results / results of thickness measurements. The practical demonstration of thickness measurements shall be performed on board the existing ship. In this regard, the scope of demonstration tests on thickness measurements shall be sufficient to ascertain that operators have adequate knowledge of ship structures and assess the results of measurements performed in compliance with the RS normative documents. Upon satisfactory completion of survey of the TM firm, the demonstration test and proper reporting, the Register shall issue relevant reports on survey and Recognition Certificates (CP) stating that the procedures and methods for carrying out thickness measurements used by the TM firm have been recognized by the Register and may be accepted and used by the RS surveyors in making decisions during ship surveys. The following shall be specified in the Annex to the Recognition Certificate (CP) (form 7.1.4.2):

"22001002 — Category II: thickness measurements under supervision of the RS surveyor on fishing vessels, regardless of their gross tonnage, and non-**ESP** ships of less than 500 gross tonnage". The Register shall issue the Certificate of Vocational Training (CПП) (form 7.1.34) to the operator who has carried out thickness measurements confirming his/her training in thickness measurements on board ships as per the RS normative documents.

During survey of recognized TM firms for renewal of the Recognition Certificate (CP), it shall be confirmed that they comply with the applicable requirements of the RS normative documents concerning the TM firm recognition, and that the residual thickness measurements during the period of validity of the Recognition Certificate (CP) have been carried out on particular ships under supervision of the surveyors to the Register or under supervision of the surveyors to ACS — IACS member whose Recognition Certificates (CP) are also available at the TM firm. It shall be verified that thickness measurement reports are signed and sealed by the RS or ACS surveyors. Special consideration shall be given to the relevance of the list of operators employed in the TM firm and availability of required documents confirming the qualification of NDT personnel.

The Recognition Certificate (CP) shall be renewed according to Section 3.

The Register shall be immediately notified of any amendment made to the system for service rendering by the supplier, if any. The repeated check may be required as deemed necessary by the Register."

## NOMENCLATURE OF ITEMS OF THE REGISTER TECHNICAL SUPERVISION

4 **New codes 05410000, 05411000, 05412000, 05413000, 05414000 and 05415000** are introduced reading as follows:

"

05410000	<b>Cyber safety equipment for radio and navigation equipment:</b>				
05411000	450-Node	2			This may be taken as an additional code for the equipment listed in sections 040000MK and 05000000MK
05412000	460-Node	2			This may be taken as an additional code for the equipment listed in sections 040000MK and 05000000MK
05413000	460-Switch	2			
05414000	460-Forwarder	2			
05415000	460-Gateway	2			

"

5 **Code 06010300MK** is replaced by the following text:

"

06010300MK	C class bulkheads, doors	2			Verification of quality control system shall be conducted followed by issue of the CKK 1 Certificate
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"

6 **Codes 06010101MK, 06010102MK, 06010103MK, 06010104MK, 06010105MK, 06010106MK, 06010107MK, 06010108MK, 06010109MK, 06010111MK, 06010112MK, 06010201MK, 06010202MK, 06010203MK, 06010204MK, 06010205MK, 06010206MK, 06010401, 06010402, 06010403, 06010501MK, 06010502MK, 06010503MK, 06010504MK, 06010005MK, 06010006MK, 06020101MK, 06020102MK, 06020103MK, 06020104MK, 06020105MK, 06020200MK, 06020300MK, 06020400MK and 13361000MK – 13392000.** In column "Remarks", the text is introduced reading as follows:

"Verification of quality control system shall be conducted followed by issue of the CKK 1 Certificate".

7 **Code 09017001MK** is replaced by the following text:

"

09017001MK	Exhaust gas cleaning system to reduce NO <sub>x</sub> emission recognized as a component of marine diesel engine	2			
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"

8 **Code 09070003** is replaced by the following text:

"

09070003	shafts of reduction gears and couplings	1			
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"

9 **New code 09100600MK** is introduced reading as follows:

"

09100600MK	accommodation ladder winches	3			
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"

10 **Code 13170000** is replaced by the following text:

"

13170000	<b>Wire ropes:</b>				
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"

11 **New codes 13171100** and **13171200** are introduced reading as follows:

"

13171100	wire ropes with protective coating	4M			
13171200	wire ropes without protective coating	4M			

"

12 **New code 14050103MK** is introduced reading as follows:

"

14050103MK	chains used in hand operated hoists	1			
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"

13 **New codes 15140000** and **15141000** are introduced reading as follows:

"

15140000	<b>Cyber safety:</b>				
15141000	cyber safety equipment for control and automation system	2			

"

14 **Code 20300000** is deleted.

## PART IV. TECHNICAL SUPERVISION DURING MANUFACTURE OF PRODUCTS

### 1 GENERAL

15 **Para 1.3.5** is replaced by the following text:

**"1.3.5** Considering the possibility of use on ships the products manufactured without the RS technical supervision, a single approval shall be carried out in compliance with 5.2 of Part I "General Regulations for Technical Supervision".

When the product was manufactured without the RS technical supervision, but the documents of another classification society, issued without the RS authorization, are provided,

the requirements of 2.16 Part I "General Regulations for Technical Supervision" shall be followed."

16 **Para 1.6.3** is replaced by the following text:

**"1.6.3** If the mandatory drawing up of Type Approval Certificate is specified in column 3 of the RS Nomenclature, the technical supervision of the prototype of such product is carried out by the RHO or RS Branch Office."