



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 311-05-1989c**

dated 29.12.2023

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Entry-into-force date:

**01.01.2024**

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

~~dated~~

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Number of pages: 1 + 9

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Re: amendments to the Rules for Technical supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2023, НД No. 2-020101-175-E (Part I "General Regulations for Technical Supervision").

The references to IMO circulars BWM.2/Circ.42/Rev.2 and BWM.2/Circ.70/Rev.1 in effect have been corrected. Requirements for quality management system of the firm (organization) have been introduced. Appendix 1 has been amended as regards fire-fighting outfit, materials, software, radio and navigational equipment.

Instructions on application:

Apply the provisions of the Circular Letter during review and approval of the technical documentation on ships (or materials/products installed on board the ships) contracted for construction or conversion on or after 01.01.2024, in the absence of a contract, during review and approval of the technical documentation on ships (or materials/products installed on board the ships) requested for review on or after 01.01.2024.

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments

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**Information on amendments introduced by the Circular Letter**

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

Amended paras/chapters/sections	Item(s)/Type(s) of supervision and their particulars	Information on amendments	Remarks
Para 9.3.20.5.1	Requirements for firms engaged in commissioning testing of ballast water management systems (BWMS) (code 22028000MK) Operators	Format of references to IMO circulars has been amended considering possible future revisions	IMO circulars BWM.2/Circ.42/Rev.2 and BWM.2/Circ.70/Rev.1
Para 9.3.20.6.1	Requirements for firms engaged in commissioning testing of ballast water management systems (BWMS) (code 22028000MK) Equipment and facilities	Reference to IMO circular regulating equipment to be used and procedures for ballast water analysis has been introduced	IMO circular BWM.2/Circ.42/Rev.2
Para 9.3.20.6.2	Requirements for firms engaged in commissioning testing of ballast water management systems (BWMS) (code 22028000MK) Equipment and facilities	Reference to IMO circular regulating equipment to be used at commissioning tests has been introduced	IMO circulars BWM.2/Circ.42/Rev.2 and BWM.2/Circ.70/Rev.1
Para 9.3.20.7.2	Requirements for firms engaged in commissioning testing of ballast water management systems (BWMS) (code 22028000MK) Sampling and analysis	Text has been amended to unify applicable terms	

Amended paras/chapters/sections	Item(s)/Type(s) of supervision and their particulars	Information on amendments	Remarks
Para 9.3.20.9	Requirements for firms engaged in commissioning testing of ballast water management systems (BWMS) (code 22028000MK) Reference documents	Format of references to IMO circulars has been amended considering possible future revisions	IMO circulars BWM.2/Circ.42/Rev.2 and BWM.2/Circ.70/Rev.1
Para 10.3.8.2	Special requirements for testing laboratories carrying out sampling and check test (analysis) of ballast water in accordance with International Convention for the Control of Management of Ship's Ballast Water and Sediments, 2004 (BWM Convention) (code 21002900MK) Certification of testing laboratories	Reference to IMO circular regulating procedures for carrying out the "indicative analysis" of ballast water has been introduced	IMO circular BWM.2/Circ.42/ Rev.2
Para 10.3.8.3 (new)	Special requirements for testing laboratories carrying out sampling and check test (analysis) of ballast water in accordance with International Convention for the Control of Management of Ship's Ballast Water and Sediments, 2004 (BWM Convention) (code 21002900MK) Certification of testing laboratories	New para containing requirements regarding procedure for recognition of testing laboratories performing ballast water analysis has been introduced	IMO circular BWM.2/Circ.42/Rev.2
Para 12.2.9 (new)	Recognition of firms (organizations) Requirements for firms (organizations)	New para containing requirements for quality management system of the firm (organization) has been introduced	
Appendix 1	Nomenclature of Items of the Register Technical Supervision Fire-fighting outfit	Name of the item of technical supervision for code 06062100MK in the RS Nomenclature has been amended due to the absence of the requirements for fire extinguishing gases and other fire extinguishing substances	

Amended paras/chapters/sections	Item(s)/Type(s) of supervision and their particulars	Information on amendments	Remarks
	Nomenclature of Items of the Register Technical Supervision Materials	Codes and names of the items of technical supervision for section 13000000 Materials in the RS Nomenclature have been amended following the introduction of para 3.4.1 in Part XVIII "Materials" of the Rules for the Classification and Construction of Sea-Going Ships, and the number of codes have been reduced	
	Nomenclature of Items of the Register Technical Supervision Software	New code 20300000 Electronic record book software has been introduced	
	Nomenclature of Items of the Register Technical Supervision Radio equipment Navigational equipment	In the RS Nomenclature, codes and names of items of technical supervision for sections 04000000MK Radio equipment and 05000000MK Navigational equipment have been considerably revised	

## PART I. GENERAL REGULATIONS FOR TECHNICAL SUPERVISION

### 9 RECOGNITION OF SERVICE SUPPLIERS

#### 9.3 SPECIAL REQUIREMENTS

**Para 9.3.20.5.1.** The fourth paragraph is replaced by the following text:

"have knowledge of the latest versions of IMO circulars BWM.2/Circ.70/Rev.1, as may be amended "Guidance for the Commissioning Testing of Ballast Water Management Systems" and IMO BWM.2/Circ.42/Rev.2 "Guidance on Ballast Water Sampling and Analysis for Trial Use in accordance with the BWM Convention and Guidelines (G2)", as may be amended;"

**Paras 9.3.20.6.1 and 9.3.20.6.2** are replaced by the following text:

**"9.3.20.6.1** Equipment, procedures and methods for detailed analysis described in the latest version of IMO circular BWM.2/Circ.42 "Guidance on Ballast Water Sampling and Analysis for Trial Use in accordance with the BWM Convention and Guidelines (G2)", where applicable, shall be in accordance with relevant international standard and/or accepted industry standards.

**9.3.20.6.2** Testing shall be conducted using equipment for indicative analysis equipment described in the latest version of IMO circular BWM.2/Circ.42 "Guidance on Ballast Water Sampling and Analysis for Trial Use in accordance with the BWM Convention and Guidelines (G2)", accepted by the Register. Information and reference to the acceptance documents for the equipment used shall be submitted to the Register in the report which includes the results from the commissioning test as per the latest version of IMO circular BWM.2/Circ.70/Rev.1 "Guidance for the Commissioning Testing of Ballast Water Management Systems", as may be amended. In case the indicative analysis equipment used has not been previously accepted by the Register, the following information shall be submitted:

equipment information — type, model, technology used, evidence of calibration, detection range, organism type/size classes that can be analyzed;

test results conduct for the verification of accuracy, detection range and repeatability; certificate of standards, if available."

**Para 9.3.20.7.2** is replaced by the following text:

**"9.3.20.7.2** The representative samples shall be analyzed as a minimum for the two size classes of organisms, namely  $\geq 50 \mu\text{m}$  and  $\geq 10 \mu\text{m}$  to  $< 50 \mu\text{m}$ , specified in IMO Circular circular BWM.2/Circ.70/Rev.1 "Guidance for the Commissioning Testing of Ballast Water Management Systems" using indicative analysis methods. Detailed analysis of all organism type/size classes or combination of ~~detail~~ detailed and indicative ~~analysis~~ analyses can also be performed."

**Para 9.3.20.9** is replaced by the following text:

**"9.3.20.9** Reference documents.

The service supplier shall have access to the following documents, as may be amended:  
IMO resolution MEPC.300(72) "Code for Approval of Ballast Water Management Systems (BWMS Code)";

IMO resolution MEPC.173(58) "Guidelines for Ballast Water Sampling (G2)";

IMO circular BWM.2/Circ.42/Rev.2 "Guidance on Ballast Water Sampling and Analysis for Trial Use in accordance with the BWM Convention and Guidelines (G2)" (the latest version);

IMO circular BWM.2/Circ.70/Rev.1 "Guidance for the Commissioning Testing of Ballast Water Management Systems" (the latest version);

IMO circular BWM.2/Circ.61/Rev.1 "Guidance on Methodologies that may be used for Enumerating Viable Organisms for Type Approval of Ballast Water Management Systems";

IMO circular BWM.2/Circ.69 "Guidance on System Design Limitations of Ballast Water Management Systems and their Monitoring";

IMO resolution MEPC.279(70) "2016 Guidelines for Approval of Ballast Water Management Systems (G8)";

IMO resolution A.1156(32) "Survey Guidelines under the Harmonized System of Survey and Certifications (HSSC), 2017 (for BWMS that were type approved to the 2016 (G8)".

## 10 RECOGNITION OF TESTING LABORATORIES

### 10.3 SPECIAL REQUIREMENTS

**Para 10.3.8.2** is replaced by the following text:

**"10.3.8.2** ~~If the~~ The testing laboratory performs certified under code 21002900MK and performing sampling on board the ship during BWMS commissioning tests in accordance with the latest version of IMO circular BWM.2/Circ.70/Rev.1 "Guidance for the Commissioning Testing of Ballast Water Management Systems" and/or their indicative analysis described in the latest version of IMO BWM.2/Circ.42 "Guidance on Ballast Water Sampling and Analysis for Trial Use in accordance with the BWM Convention and Guidelines (G2)", and has having operators participating in these tests, the testing laboratory shall be additionally certified as a service supplier under code 22028000MK and comply with the applicable requirements for service suppliers specified in 9.3.20 of this Part of the Rules."

**New para 10.3.8.3** is introduced reading as follows:

**"10.3.8.3** Certification as a service supplier is not required if the testing laboratory is certified under code 21002900MK, does not participate in ballast water sampling on board the ship during commissioning tests and performs only detailed analysis of samples submitted by the service supplier as described in the latest version of IMO circular BWM.2/Circ.42 "Guidance on Ballast Water Sampling and Analysis for Trial Use in accordance with the BWM Convention and Guidelines (G2)".

**New para 12.2.9** is introduced reading as follows:

#### **"12.2.9 Quality management system.**

**12.2.9.1** The firm shall have a documented system covering at least the following:

- .1 the Code of Ethics to conduct the relevant activity;
- .2 maintenance of equipment;
- .3 measurement assurance, checking (calibration) of measuring equipment;
- .4 supervision and verification to ensure compliance with operational procedures;
- .5 recording and reporting of information;
- .6 quality management of subsidiaries, agents and subcontractors;
- .7 job preparation;
- .8 corrective and preventive actions related to complaints;
- .9 periodic review of work process procedures, complaints, corrective actions, and issuance, maintenance and control of documents.

**12.2.9.2** A documented management quality system complying with the most current version of ISO 9000 series and including the above items, would be considered acceptable according to 12.2.9.1."

## NOMENCLATURE OF ITEMS OF THE REGISTER TECHNICAL SUPERVISION

Code 06062100MK is replaced by the following text:

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06062100MK	foam concentrate, powder, <del>special gas and other fire-extinguishing substances</del>	3			
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Codes 13121000, 13121110, 13121120, 13121130, 13121300, 13121400, 13121410 and 13121420 are deleted.

Codes 13120000, 13121100 and 13121200 are replaced by the following text:

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13120000	<b>Tubes and pipes for ships, MODU and FOP:</b>				
13121100	<del>ship construction structural tubes for hulls and MODU:</del>	<u>4M</u>		<u>K</u>	<u>Single approval in accordance with 2.4.1.2 and 2.4.1.3 of Part III of these Rules is allowed</u>
13121200	<del>Ship construction tubes for shipborne and MODU/FOP machinery tubes and pipes for Class I and II systems, boilers, heat exchangers, pressure vessels of Class I and II and machinery</del>	<u>54M</u>		<u>K</u>	<u>Tubes used in ship arrangements and machinery, etc. supplied according to the approved technical documentation on the item of application in accordance with 2.4.1.3, Part III of these Rules</u> <u>Single approval in accordance with 2.4.1.2 and 2.4.1.3 of Part III of these Rules is allowed</u>

"

Code 13162000 is replaced by the following text:

"

13162000	<del>pipes structural tubes, tubes and pipes for Class I and II systems, boilers, heat exchangers, pressure vessels of Class I and II and machinery</del>	<u>4M</u>			<u>Single approval in accordance with 2.4.1.2, and 2.4.1.3 of Part III of these Rules is allowed</u>
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Code 13201200 is replaced by the following text:

13201200	<del>pipes</del> structural tubes, tubes and pipes for Class I and II systems, boilers, heat exchangers, pressure vessels of Class I and II and machinery	4M			Single approval in accordance with 2.4.1.2 and 2.4.1.3 of Part III of these Rules is allowed
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Code 13202200 is replaced by the following text:

13202200	<del>pipes</del> structural tubes, tubes and pipes for Class I and II systems, boilers, heat exchangers, pressure vessels of Class I and II and machinery	4M			Single approval in accordance with 2.4.1.2 and 2.4.1.3 of Part III of these Rules is allowed
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Code 13203200 is replaced by the following text:

13203200	<del>pipes</del> structural tubes, tubes and pipes for Class I and II systems, boilers, heat exchangers, pressure vessels of Class I and II and machinery	4M			Single approval in accordance with 2.4.1.2 and 2.4.1.3 of Part III of these Rules is allowed
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New code 20300000 is introduced reading as follows:

20300000	Electronic record book software	2	СТОП		
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Sections 04000000MK Radio equipment and 05000000MK Navigational equipment are replaced by the following text:

Code of item of technical supervision	Item of technical supervision	Technical supervision of the Register			Remarks
		Group of item of technical supervision (1 — 5)	Other documents issued by RS	Branding	
1	2	3	4	5	6
04000000MK	<b>RADIO EQUIPMENT</b>				
04021200MK	Aeronautical two-way VHF radio telephone apparatus	3			
04120000MK	VHF radio installation	3			
04130000MK	MF radio installation	3			
04140000MK	MF/HF radio installation	3			
04140010MK	HF receiver for MSI and SAR	3			
04150000MK	Inmarsat-C SES	3			
04150200MK	Ship security alert system (SSAS)	3			
04150300MK	Ship earth station for use in the GMDSS	3			
04160000MK	Emergency position-indicating radio beacon (EPIRB)	3			
04180000MK	NAVTEX receiver	3			

Code of item of technical supervision	Item of technical supervision	Technical supervision of the Register			Remarks
		Group of item of technical supervision (1 — 5)	Other documents issued by RS	Branding	
04190000MK	EGC receiver	3			
04220000MK	Search and rescue locating devices (SRLD): Radar SART	3			
04220100MK	Search and rescue locating devices (SRLD): AIS-SART	3			
04230000MK	Survival craft portable two-way VHF radiotelephone apparatus	3			
04230001MK	Fixed survival craft two-way VHF radiotelephone apparatus	3			
04300000MK	Integrated communication system (ICS)	3			
04400000	Radio equipment not mentioned above	2			
05000000MK	<b>NAVIGATIONAL EQUIPMENT</b>				
05010000MK	Standard magnetic compass	3			
05010100MK	Transmitting heading device THD (GNSS method)	3			
05010200MK	Transmitting heading device THD (magnetic method)	3			
05010300MK	Transmitting heading device THD (Gyroscopic method)	3			
05020000MK	Gyro compass	3			
05020010MK	Gyro compass for high-speed craft	3			
05030000MK	Speed and distance measuring equipment through the water (SDME)	3			
05030100MK	Speed and distance measuring equipment over the ground in the forward and athwartships direction (SDME)	3			
05050000MK	Echo-sounding equipment	3			
05060000MK	Heading control system (HCS)	3			
05060010MK	Heading control system for high-speed craft	3			
05060100MK	Track control system	3			
05070000MK	Integrated navigation system	3			
05120000MK	Rate-of-turn indicator	3			
05130000MK	Electronic chart display and information system (ECDIS)	3			
05140000MK	<b>Radio navigation equipment:</b>				
05140210MK	Radar equipment for ships less than 500 gt (CAT 3)	3			
05140220MK	Radar equipment for ships less than 10000 gt (CAT 2)	3			
05140230MK	Radar equipment for ships of 10000 gt and upwards (CAT 1)	3			
05140231MK	Radar equipment for high-speed craft (CAT 1H, CAT 2H)	3			
05140232MK	Chart Radar equipment (CAT 1C, CAT 2C)	3			
05140233MK	Chart Radar equipment for high-speed craft (CAT 1HC, CAT 2HC)	3			
05140240	Radar ice display	3			
05140300MK	GNSS receiver (GPS)	3			
05140310MK	GNSS receiver (GLONASS)	3			
05140320MK	GNSS receiver (Galileo)	3			
05140330MK	Combined GPS/GLONASS equipment	3			
05140340MK	Differential beacon receiver for DGPS and DGLONASS equipment	3			

Code of item of technical supervision	Item of technical supervision	Technical supervision of the Register			Remarks
		Group of item of technical supervision (1 — 5)	Other documents issued by RS	Branding	
05140400MK	Radar reflector — passive type	2			
05150000MK	Class A shipborne equipment of the automatic identification system (AIS)	3			
05160100MK	Voyage data recorder (VDR)	3			
05160200MK	Simplified voyage data recorder (S-VDR)	3			
05170000MK	Sound reception system	3			
05190000MK	Bridge Navigational Watch Alarm System (BNWAS)	3			
05200000MK	Equipment with Long Range Identification and Tracking (LRIT) capability	3			
05220000	Meteorological complex	2			
05220100MK	Night vision equipment for high-speed craft	3			
05230000	Electronic inclinometer	2			
05300000	Navigational equipment which is not mentioned above	2			
05410000	<b>Cyber safety equipment for radio and navigational equipment:</b>				
05411000	450-Node	2			This may be taken as an additional code for the equipment listed in sections 04000000MK and 05000000MK
05412000	460-Node	2			This may be taken as an additional code for the equipment listed in sections 04000000MK and 05000000MK
05413000	460-Switch	2			
05414000	460-Forwarder	2			
05415000	460-Gateway	2			