



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 313-04-1736c

dated 07.04.2022

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

Item(s) of supervision:

materials, products and activities

Entry-into-force date:

01.06.2022

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

~~dated~~

Number of pages: 1 + 4

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part IV "Technical Supervision during Manufacture of Products"

Director General

Konstantin G. Palnikov

We hereby inform that, in connection with coming into force of IMO resolution MEPC.340(77) on 1 June 2022, the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2022, ND No. 2-020101-156-E, 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 exhaust gas cleaning systems:
 - installed on ships the keels of which are laid or which are at a similar stage of construction on or after 1 June 2022;
 - or exhaust gas cleaning systems installed on ships the keels of which are laid or which are at a similar stage of construction before 1 June 2022 which have a contractual delivery date of EGCS to the ship on or after 1 June 2022 or, in the absence of a contractual delivery date, the actual delivery of the exhaust gas cleaning system to the ship on or after 1 June 2022;
 - or amendments, as those specified in paras 4.2.2.4 or 5.6.3 of the IMO resolution MEPC.340(77), to existing exhaust gas cleaning systems undertaken on or after 1 June 2022.
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List of the amended and/or introduced paras/chapters/sections:

Part IV: Table 17.3.1.1, paras 17.3.1.8, 17.3.15 and 17.3.17, Appendix 1

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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	Table 17.3.1.1	Table has been replaced in compliance with the requirements of IMO resolution MEPC.340(77)	313-04-1736c of 07.04.2022	01.06.2022
2	Paras 17.3.1.8 and 17.3.1.8.1	Paras have been amended in compliance with the requirements of IMO resolution MEPC.340(77)	313-04-1736c of 07.04.2022	01.06.2022
3	Para 17.3.15	Reference to IMO resolution MEPC.340(77) has been introduced	313-04-1736c of 07.04.2022	01.06.2022
4	Paras 17.3.17 — 17.3.17.2	Paras have been amended in compliance with the requirements of IMO resolution MEPC.340(77)	313-04-1736c of 07.04.2022	01.06.2022
5	Appendix 1 to Section 17	Appendix has been amended in compliance with the requirements of IMO resolution MEPC.340(77)	313-04-1736c of 07.04.2022	01.06.2022

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

ND No. 2-020101-156-E

PART IV. TECHNICAL SUPERVISION DURING MANUFACTURE OF PRODUCTS

17 EQUIPMENT FOR THE PREVENTION OF POLLUTION FROM SHIPS

**17.3 TECHNICAL SUPERVISION DURING MANUFACTURE OF POLLUTION PREVENTION
EQUIPMENT UNDER ESTABLISHED PRODUCTION CONDITIONS**

1 **Table 17.3.1.1** is replaced by the following:

"Table 17.3.1.1

Nos.	Items of technical supervision	Examination of material, blanks of assemblies and components	Verification of accompanying documents	External and internal examination	Check of welding operations	Check of component and assembly manufacture	Hydraulic tests	Check in operation	
1	Equipment for the prevention of pollution by oil:								
	.1 15 ppm bilge separators	+	+	+	+	+	+	+	
	.2 ballast and washing water discharge oil content meters	+	+	+	+	+	+	+	
	.3 15 ppm bilge alarms	+	+	+	+	+	+	+	
	.4 oil/water interface detectors in slop tanks	+	+	+	+	+	+	+	
	.5 tank washing machines	+	+	+	+	+	+	+	
2	Equipment for the prevention of pollution by sewage:								
	.1 sewage treatment plants	+	+	+	+	+	+	+	
	.2 sewage comminution and disinfection systems	+	+	+	+	+	+	+	
	.3 sewage pumps	+	+	+	+	+	+	+	
	3	Equipment for the prevention of pollution by garbage:							
		.1 incinerators	+	+	+	+	+	+	+
4	.2 garbage treatment plants	+	+	+	+	+	+	+	
	Equipment for the prevention of pollution by noxious liquid substances carried in bulk:								
	.1 ventilation equipment	+	+	+	+	+	+	+	
5	.2 tank washing machines	+	+	+	+	+	+	+	
	.3 pumps for collection of noxious substances	+	+	+	+	+	+	+	
	Equipment for the prevention of air pollution:								
5	.1 diesel engines complying with Regulation 13, Annex VI of MARPOL 73/78 and the requirements of the Technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines	+	+	+	+	+	+	+	
	.2 NO _x reducing devices as a component of marine diesel engine	+	+	+	+	+	+	+	
	.3 NO _x exhaust gas monitoring system (NO _x Technical Code)	+	+	+		+		+	

Nos.	Items of technical supervision	Examination of material, blanks of assemblages and components	Verification of accompanying documents	External and internal examination	Check of welding operations	Check of component and assembly manufacture	Hydraulic tests	Check in operation
	.4 continuous exhaust gas SO _x emission monitoring system (IMO resolution MEPC.340(77))	+	+	+		+		+
	.5 equipment for fuel oil sampling	+	+	+	+	+	+	+
	.6 exhaust gas cleaning systems to reduce SO _x emissions (IMO resolution MEPC. 340(77), survey according to Scheme "A")	+	+	+	+	+	+	+
	.7 exhaust gas cleaning systems to reduce SO _x emissions (IMO resolution MEPC. 340(77), survey according to Scheme "B")	+	+	+	+	+	+	+
	.8 discharge water monitoring equipment (IMO resolution MEPC.340(77))	+	+	+	-	+	-	+
6	Ballast Water Management Systems in compliance with the requirements of the Guidelines on Application of the Requirements of International Convention for the Control and Managements of Ships Ballast Water and Sediments	+	+	+	+	+	+	+
¹ When needed. Note. The PPS equipment shall be subjected to special and bench tests in accordance with 1.7.3 and also at the request of the RS Branch Office which performs supervision during the manufacture.								

2 **Para 17.3.1.8** is replaced by the following text:

"**17.3.1.8** The PPS equipment shall be tested on the bench of the firm (manufacturer) in accordance with the program worked out in compliance with the test procedure (refer to Appendix 1) and approved by the Register.

Based on the satisfactory results of the type tests, Type Approval Certificates (Form 6.8.3) and Certificates of Type/Test Approval (COTO/COTИ) shall be drawn up for the products specified in 1.1 — 1.4, 2.1, 3.1, and 6 of Table 17.3.1.1 in accordance with Appendix 2:

- .1 15 ppm bilge separators (Form 2.4.17.1²/2.4.17.2²);
- .2 15 ppm bilge alarms (Form 2.4.11.1²);
- .3 for ballast and washing water discharge oil content meters (Form 2.4.16.1²);
- .4 for oil/water interface detectors in slop tanks (Form 2.4.19¹);
- .5 for sewage treatment plants (Forms 2.4.13.1² – 2.4.13.4²);
- .6 for incinerators (Form 2.4.12.1²);
- .7 for Water Ballast Management System (Forms 2.5.5/2.5.5.1).

An instruction on drawing up and issuing Type Approval (Test) Certificates is given in Appendix 3.

For diesel engines specified in 5.1 of Table 17.3.1.1, the Engine Air Pollution Prevention Certificates (Form 2.4.40) with Supplements (Form 2.4.41) are issued.

For exhaust gas cleaning systems to reduce SO_x emissions, approved in accordance with IMO resolution MEPC. MEPC.340(77), Scheme "A" indicated in 5.6 of Table 17.3.1.1 the SO_x Emission Compliance Certificate (SECC) (Form 2.4.42) shall be issued, also the Type Approval Certificate (Form 6.8.3) and depending on the scheme of technical supervision C, C3 or MC shall be issued, hereto. For exhaust gas cleaning systems to reduce SO_x emissions, approved in accordance with IMO resolution MEPC.340(77), Scheme "B" indicated in 5.7 of Table 17.3.1.1 and for the equipment specified in 5.4 and 5.8, the documents according to the Nomenclature shall be issued."

3 Paras **17.3.15** and **17.3.15.1** are replaced by the following text:

"17.3. 15 SO_x exhaust gas cleaning systems and NO_x-reducing devices.

17.3.15.1 The testing of the exhaust gas cleaning systems and NO_x-reducing devices shall be carried out in compliance with the requirements of the Guidelines (refer to IMO resolutions MEPC.340(77), MEPC.291(71) and MEPC 307 (73), as applicable). The system operation onboard a ship is verified according to the requirements of the Operation Manual for such a system."

4 Paras **17.3.17 — 17.3.17.2** are replaced by the following text:

"17.3.17 Continuous SO_x emission monitoring system and discharge water monitoring equipment (IMO resolution MEPC.340(77)).

17.3.17.1 Prior to commencement of technical supervision of system, documentation specified in 17.3.16.1 shall be submitted for approval.

17.3.17.2 During the survey of the system, the applicable provisions of IMO resolution MEPC. 340(77) shall be followed, the test program shall include checks listed in 17.3.16.2."

APPENDIX 1

TEST SPECIFICATIONS FOR EQUIPMENT FOR THE PREVENTION OF POLLUTION

5 **Para 9** is replaced by the following text:

"9. TEST SPECIFICATIONS FOR EXHAUST GAS CLEANING SYSTEMS FOR THE REDUCTION OF SO_x EMISSIONS

The technical requirements for type approval tests of exhaust gas cleaning systems for the reduction of SO_x emissions are specified in IMO resolution MEPC.340(77) "2021 Guidelines for Exhaust Gas Cleaning Systems".