



# RUSSIAN MARITIME REGISTER OF SHIPPING

---

**CIRCULAR LETTER**

**No. 340-02-1417c**

dated 21.07.2020

---

Re:

amendments to the Guidelines on Technical Supervision of Ships in Service with Annexes, 2020, ND No. 2-030101-009-E

---

Item(s) of supervision:

ships and offshore installations in service

---

Entry-into-force date:

**01.08.2020**

Valid till: -

Validity period extended till: -

---

Cancels / amends / adds Circular Letter No. -

dated -

---

Number of pages:

1 + 6

---

Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Parts II "Carrying out Classification Surveys of Ships" and III "Survey of Ships in Compliance with International Conventions, Codes, Resolutions and Rules for the Equipment of Sea-Going Ships"; and Annexes 1 "Procedure for In-Water Survey of Ships and Offshore Installations", 2 "Instructions for Continuous Survey of Ships", 19 "Model Report for Lifeboats and Lifejackets", 26 "Instructions for Survey of Ship's Piping" and 35 "Instructions for Survey of Main Steerable Propellers Based on Technical Condition monitoring"

---

Director General

Konstantin G. Palnikov

---

Text of CL:

We hereby inform that the Guidelines on Technical Supervision of Ships in Service and the Annexes, thereto, 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 survey of ships and offshore installations in service.
- 

List of the amended and/or introduced paras/chapters/sections:

Part II: para 5.2.3.11

Part III: 2.1.6.9

Annex 1: paras 2.2, 3.1.1 and 4.4

Annex 2: para 9.4

Annex 19 (deleted)

Annex 26: paras 1.3, 2.3, 2.4 and 5.6

Annex 35: Table 4

---

Persons in charge:

Sergei E. Panfilov and  
Dmitry Yu. Zenin

341 and 345

+7 (812) 605-05-59

---

"Thesis" System No. 20-144384

**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 II, para 5.2.3.11	Para has been specified considering IACS Recommendation No. 117 (Rev.2 May 2020)	340-02-1417c of 21.07.2020	01.08.2020
2	Part III, para 2.1.6.9	Procedure to issue statutory certificates for special purpose ship has been specified depending on number of persons (special personnel) on board	340-02-1417c of 21.07.2020	01.08.2020
3	Annex 1, para 2.2	Para has been specified considering cases when it is necessary to provide the conclusion on preliminary diving examination	340-02-1417c of 21.07.2020	01.08.2020
4	Annex 1, para 3.1.1	Para has been specified considering main means to determine technical condition of underwater hull of the ship afloat	340-02-1417c of 21.07.2020	01.08.2020
5	Annex 1, para 4.4	New para has been introduced containing provisions on drawing up results of minor repair performed afloat	340-02-1417c of 21.07.2020	01.08.2020
6	Annex 2, para 9.4	Para has been specified considering procedure on handling of copy of the Chief Engineer Report during drawing up of results of the confirmatory survey (CSS)	340-02-1417c of 21.07.2020	01.08.2020
7	Annex 19	Annex has been deleted in connection with the loss of applicability	340-02-1417c of 21.07.2020	01.08.2020
8	Annex 26, para 1.3	References to the provisions of the Rules have been specified considering survey and measurement of thickness of ship's piping	340-02-1417c of 21.07.2020	01.08.2020
9	Annex 26, para 2.3	References to the provisions of the Rules have been specified considering survey and measurement of thickness of ship's piping	340-02-1417c of 21.07.2020	01.08.2020

Nos.	Amended paras/chapters/sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
10	Annex 26, para 2.4	References to the provisions of the Rules have been specified considering survey and measurement of thickness of ship's piping	340-02-1417c of 21.07.2020	01.08.2020
11	Annex 26, para 5.6	References to the provisions of the Rules have been specified considering survey and measurement of thickness of ship's piping	340-02-1417c of 21.07.2020	01.08.2020
12	Annex 35, Table 4	Para has been specified regarding the value of normal content of wear products in MSP hydraulic systems	340-02-1417c of 21.07.2020	01.08.2020

## **GUIDELINES ON TECHNICAL SUPERVISION OF SHIPS IN SERVICE, 2020**

### **ND No. 2-030101-009-E**

#### **PART II. CARRYING OUT CLASSIFICATION SURVEYS OF SHIPS**

##### **5 PROCEDURE FOR ACCEPTANCE OF SHIPS IN SERVICE INTO THE RS CLASS**

1 **Para 5.2.3.11** is replaced by the following text:

**"5.2.3.11** The losing Society shall, at the Register's request, submit the following statutory documentation, if applicable, to the extent established by the relevant Flag State within legally binding limits:

- .1 freeboard calculations (LL-66);
- .2 description of conditions for load line assignment (Report on Initial Survey (Load Line));
- .3 subdivision calculations (Reg. 27, LL-66);
- .4 Record of Approved Cargo Ship Safety Equipment (SOLAS-74 as amended);
- .5 documentation on oil tankers in compliance with MARPOL-73/78 Convention: reports on survey of a crude oil washing system in compliance with 4.2.10, IMO resolution A.446(XI); approved calculations on size restrictions and general arrangement of cargo tanks; approved calculations of ship's intact stability and damage stability;
- .6 copies of Statutory Certificates with Supplements;
- .7 copies of Certificates issued in compliance with other international conventions, agreements and codes;
- .8 list of deficiencies within the competence of international conventions;
- .9 report on the condition assessment resulting an Enhanced Survey Report;
- .10 Energy Efficiency Design Index (EEDI) Technical File.

Submission of Register-requested additional documents for issuing Statutory Certificates shall preferably be considered by the losing Society within the requirements specified by the Flag State concerned and legally binding limits."

#### **PART III. SURVEY OF SHIPS IN COMPLIANCE WITH INTERNATIONAL CONVENTIONS, CODES, RESOLUTIONS AND RULES FOR THE EQUIPMENT OF SEA-GOING SHIPS**

##### **2 SURVEY OF SHIPS IN ACCORDANCE WITH THE INTERNATIONAL CONVENTIONS, CODES AND RESOLUTIONS OF IMO**

2 **Para 2.1.6.9** is replaced by the following text:

###### **"2.1.6.9 Issuance of Certificates**

**2.1.6.9.1** Upon satisfactory results of the surveys, the following certificates shall be issued to the ship:

- .1 Special Purpose Ship Safety Certificate with Record of Equipment (form SPS) (Forms 2.1.27.1 and 2.1.28.1 or, if applicable, Forms 2.1.27 and 2.1.28);
- .2 Ship safety certificates in accordance with SOLAS-74, as amended (if the ship is engaged in international voyages).

**2.1.6.9.2** Where not otherwise stated by the Flag State MA, valid statutory documents specified in 2.1.6.9.1.2 shall be issued as follows:

as for the cargo ship (with issuing an Exemption Certificate, where necessary) – for special purpose ships carrying on board not more than 240 persons (or not more than 200 special personnel for ships constructed before 13 May 2008);

as for the passenger ship – for special purpose ships carrying on board more than 240 persons (or more than 200 special personnel for ships constructed before 13 May 2008), provided the requirements for stability, floodability and availability of life-saving appliances as for the passenger ship are observed.

In both cases:

the words "Special Purpose Ship" shall be printed in the upper right corner of the first page of each statutory document issued in compliance with SOLAS-74;

freeboard depth complying with the approved subdivision load line shall be indicated in the Cargo Ship Safety Construction Certificate or in the Passenger Ship Safety Certificate in compliance with regulation II-1/13, SOLAS-74/78, as amended."

## ANNEX 1

### 1. PROCEDURE FOR IN-WATER SURVEY OF SHIPS AND OFFSHORE INSTALLATIONS

3 **Para 2.2** is replaced by the following text:

**"2.2** As to the items subject to survey, the following shall be submitted:  
the final technical documentation;  
the results of the previous surveys;  
information on defects and damages since the latest survey;  
report on the preliminary diving examination (if the examination has been performed before the survey under supervision by the RS surveyor)."

4 **Para 3.1.1** is replaced by the following text:

**"3.1.1** The main means for determination of the technical condition of the underwater hull is underwater TV, underwater photography, special equipment and instruments, Remotely Operated underwater Vehicles (ROV)."

5 Annex 1 is supplemented by **para 4.4** reading as follows:

**"4.4** All minor repairs performed afloat shall be introduced in the protocol drawn up upon the results of underwater hull examination (refer to 9.1.7, Part II "Carrying out Classification Surveys of Ships" of the Guidelines)."

## ANNEX 2

### 2. INSTRUCTIONS FOR CONTINUOUS SURVEY OF SHIPS

6 **Para 9.4** is replaced by the following text:

**"9.4** Copy of the Report of the Chief Engineer on item survey credited as continuous survey (refer to Section 8) shall be included in the set of electronic copies of RS records drawn up based on the results of relevant confirmatory survey."

## 19. MODEL REPORT FOR LIFEBOUYS AND LIFE JACKETS

7 **Annex 19** and its title are deleted. New text is introduced reading as follows:

"ANNEX 19

Annex 19 is deleted. The Annex number has been reserved."

ANNEX 26

## 26. INSTRUCTIONS FOR SURVEY OF SHIP'S PIPING

8 **Para 1.3** is replaced by the following text:

**"1.3** The Instructions specify the parameters, permissible standards and means of control over a technical condition of piping in carrying out classification surveys.

The scope of periodical surveys is determined by the Register surveyor on the basis of the provisions of Part II "Survey schedule and scope" and Part III "Additional surveys of ships depending on their purpose and hull material" of the Rules with due regard for specific conditions, the piping defects identified, and ship's type and age."

9 **Para 2.3** is replaced by the following text:

**"2.3** The residual thicknesses of piping components are to be measured during periodical surveys in cases specified in Table 2.1.1-1, Part II "Survey schedule and scope" of the Rules as well as in other cases provided by the RS requirements."

10 **Para 2.4** is replaced by the following text:

**"2.4** The measurements of residual thicknesses of piping components shall be carried out by recognized firms or by the Register upon written request of the shipowner in accordance with the procedure provided in Section 3, Annex 2 to the Rules."

11 **Para 5.6** is replaced by the following text:

**"5.6** The results of evaluating of the technical condition of the pipeline shall be drawn up in compliance with the requirements of Annex 2 to the Rules, and attached to the Thickness Measurement Report."

### 35. INSTRUCTIONS FOR SURVEY OF MAIN STEERABLE PROPELLERS BASED ON TECHNICAL CONDITION MONITORING

12 **Table 4.** is replaced by the following:

"Table 4  
Concentration of wear products (in ppm) in MSP hydraulic systems according to ISO 14830-1  
after 500 hrs of operation

Metal	Potential sources	Normal content	Slightly increased content	Increased content	High content
Iron, Fe	Teeth, valves	0 – 8	9 – 15	16 – 25	> 25
Chromium, Cr	Cylinders, rods	0 – 3	4 – 8	9 – 15	> 15
Lead, Pb	Bearing linings	0 – 4	5 – 10	11 – 15	> 15
Copper, Cu	Bearing bush	0 – 8	9 – 15	16 – 25	> 25
Aluminium, Al	Housing	0 – 3	4 – 8	9 – 15	> 15
Silicon, Si	Mud, dirt	0 – 5	6 – 10	11 – 20	> 20
Sodium, Na	Salt, additives	0 – 30	31 – 50	51 – 80	> 80