

# **RUSSIAN MARITIME REGISTER OF SHIPPING**



APPROVED

Director General  
Sergey Kulikov  
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## **Guidelines on Application of Technical Regulations on the Safety of Sea Transport Items in the RS Activities**

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## Annotation

The Guidelines have been revised considering the experience of application.

## 1 Scope of application

1.1 The present Guidelines on Application of Technical Regulations on the Safety of Sea Transport Items in the RS Activities (hereinafter, the Guidelines) establish the procedure for the RS surveyor to apply the Technical Regulations on the Safety of Sea Transport Items (hereinafter, the Technical Regulations) to the technical regulation items related to the RS activities (refer to 4.3).

The Guidelines are a normative document for RHO Divisions (210, 220, 310, 320, 410, 510), RHO Departments (211, 213, 221, 222, 311, 312, 322, 413, 511) and RS Branch Offices (100, 200).

The Guidelines are developed in Russian and English, the original document is maintained in electronic format.

## 2 Normative references

2.1 The requirements of the following normative documents have been considered during development of the Guidelines:

- 1) RF Government Decree No. 620 of 12 August 2010 "On Approval of Technical Regulations on the Safety of Sea Transport Items";
- 2) ND No. [2-060101-001-E](#) – Quality Manual;
- 3) ND No. [2-060203-019-E](#) – Procedure for Document Control in RS;
- 4) ND No. [2-120103-005-E](#) – Regulations for the Organization of Activities Related to Maritime Administrations.

## 3 Terms. Definitions. Abbreviations

3.1 In the Guidelines the use is made of the terms, definitions and abbreviations given in ND No. [2-060101-001-E](#) – Quality Manual and in the normative documents, which served as a basis for developing the Guidelines.

## 4 Scope and aspects of application of the Technical Regulations' requirements in the RS activities

4.1 Requirements of the Technical Regulations are the requirements of Administration of the Russian Federation.

4.2 The Technical Regulations:

- 1) have been approved by the RF Government Decree No. 620 of 12 August 2010 "On Approval of Technical Regulations on the Safety of Sea Transport Items";
- 2) entered into force on 23.08.2011;
- 3) apply to ships and other technical regulation items released in the territory of the Russian Federation after 23.08.2011. In addition, the Technical Regulations cover ships the documentation for construction of which is agreed, or the contract for construction is concluded, or the keel of which is laid on or after 23.08.2011;
- 4) may apply to a foreign ship according to provisions of 5.c) of the Rules for Issuing Permit for Ships Sailing under a Foreign Flag to Carry out the Cabotage, Salvaging of Sunken Property at Sea, Performance of Hydrotechnical, Underwater Technical and Other Similar Works in Internal Sea Waters and (or) in the Territorial Sea of the Russian Federation, Research of Marine Resources (with the Exception of Seismic), Exploration (with the Exception of Seismic) and Development of Mineral Sources of the Sea Bed and its Subsoil in Internal Sea Waters and (or) in the Territorial Sea of the Russian Federation, in the Exclusive Economic Zone of the Russian Federation and on the Continental Shelf of the Russian Federation approved by the Government Decree of the Russian Federation No. 2033 of 7 December 2020;
- 5) do not apply to warships, naval auxiliary or other ships owned by a State or operated and used only on government service (if the customer of RS service has the relevant documented confirmation);
- 6) neither do not apply to FOP and MODU performing exploration and development of mineral and other non-living resources of the sea bed and its subsoil, to pleasure craft used for navigation purposes and to the equipment fitted with explosives and explosive charges;
- 7) do not apply to processes of design, construction, operation and recycling related to ships and equipment specified in 4.2.5 and 4.2.6.

4.3 Technical regulation items (sea transport items) related to the RS activities are as follows:

- 4.3.1 ship released in the territory of the Russian Federation (entitled to fly the flag of the Russian Federation);

- 4.3.2 material and product released in the territory of the Russian Federation for ships entitled to fly the flag of the Russian Federation;
- 4.3.3 operation (including decommissioning and repair) and recycling processes related to the requirements for sea transport items.
- 4.4 Compliance assessment of the technical regulation items includes:
- 4.4.1 review and agreement of technical documentation; and
- 4.4.2 survey of the technical regulation item during manufacture, construction, operation, repair, modernization, renovation and recycling, as well as issue of the documents of conformity with the requirements of the Technical Regulations.
- 4.5 Review of technical documentation (plan approval) is carried out according to the procedure specified in ND No. [2-060201-003-E](#). Deviations may be permitted according to article 243e of the Technical Regulations. Deviations shall be agreed by RS in accordance with the procedure adopted in RS for agreement of deviations from the RS rules.

## **5 Marking of sea transport items**

- 5.1 The technical regulation items, compliance with the requirements of the Technical Regulations of which is confirmed, shall be marked with conformity mark.
- 5.2 Image and instructions for application of the conformity mark are given in [Appendix A](#).

## **6 Procedure for compliance assessment during manufacture of materials and products**

### **6.1 General**

- 6.1.1 Materials and products being the technical regulation items are given in the List of Items of Technical Regulation according to f.4.1.7RF.
- 6.1.2 The compliance assessment of the technical regulation item with the Technical Regulations' requirements shall be carried out in addition to compliance assessment of the technical regulation item with the requirements of international conventions and RS rules in cases when the requirements of the Technical Regulations for the item exceed the requirements of the applicable RS rules and international conventions. The list of such items is given in the check list according to f.(1)TR620RF (for ships flying the RF flag) and (1).TR620FS (for ships flying foreign flags).

### **6.2 Compliance assessment of type (type specimen) of technical regulation item**

- 6.2.1 Compliance assessment of type specimens of the materials and products being the technical regulation items shall be performed according to the procedure given in ND No. [2-060201-026-E](#) with due regard to the following:
- 6.2.1.1 in Report on Survey of Prototype/Serial/Pilot Specimen of Product/Material/Type Structure (form 6.3.18), which is issued upon results of the type specimen survey, the following shall be specified:
- 1) data on compliance (non-compliance) of the item with the requirements of the Technical Regulations in addition to the data on compliance (non-compliance) of the item with the requirements of the international conventions and RS rules;
- 2) after the name (type, grade) of the item, the text "(All Russian Products Classification Code xx xxxx)" shall be indicated where "xx xxxx" is the All Russian Products Classification Code given in column 2 of f.4.1.7RF;
- 6.2.1.2 for the type specimen of the material or product being the technical regulation item that complies with the requirements of the Technical Regulations, a Type Approval Certificate (Type Approval Certificate (CTO), certificates of type approval (COTO), certificates of type test (COTИ), Type Approval Certificate for Fire-Proof Division (CTПK), etc.) shall be issued.
- 6.2.1.3 In cases when the Nomenclature of items of the Register technical supervision does not provide CTO drawing up and in case of a single approval of material or product, their compliance with the requirements of the Technical Regulations shall be confirmed by drawing up the Certificate (form 6.5.30/6.5.31). Herewith the remarks specified in 6.3.1.2 shall be made;
- 6.2.1.4 in the Type Approval Certificate (Type Approval Certificate (CTO), certificates of type approval (COTO), certificates of type test (COTИ), Type Approval Certificate for Fire-Proof Division (CTПK), etc.):
- 1) in addition to data on the item compliance with the requirements of international conventions and RS rules, the text "Technical Regulations Concerning the Safety of Sea Transport Items" shall be introduced;
- 2) after the name (type, grade) of the item, the text in brackets "(All-Russian Products Classification Code xx xxxx)" shall be indicated where "xx xxxx" is All-Russian Products Classification Code and All-Russian Products Classification Code 2 xx.xx.xx.xxx. Where All-Russian Products Classification Code and All-Russian Products Classification Code 2

are not available in the approved documentation or request for technical supervision, codes specified in the Register documents shall be agreed with the applicant;

6.2.1.5 data on the Type Approval Certificate (Type Approval Certificate (CTO), certificates of type approval (COTO), certificates of type test (COTИ), Type Approval Certificate for Fire-Proof Division (CTПK), etc.) issued shall be posted on the RS websites according to the established procedure.

### **6.3 Compliance assessment of technical regulation item with the approved type (type specimen)**

6.3.1 Compliance assessment of the materials and products with the type (type specimen) shall be performed according to the procedure given in ND No. [2-060201-026-E](#) with due regard to the following:

6.3.1.1 material or product that complies with the approved type specimen of the technical regulation item shall be supplied with the Certificate (form 6.5.30/6.5.31) or a copy of the Type Approval Certificate (Type Approval Certificate (CTO), certificates of type approval (COTO), certificates of type test (COTИ), Type Approval Certificate for Fire-Proof Division (CTПK), etc.);

6.3.1.2 when filling in the electronic form of the Certificate (form 6.5.30/6.5.31) in the "Thesis" System, the mark of the material or product compliance shall be made. In the relevant fields All-Russian Products Classification Code xx xxxx shall be indicated where "xx xxxx" is All-Russian Products Classification Code and All-Russian Products Classification Code 2 xx.xx.xx.xxx;

6.3.1.3 technical regulation item, which compliance with the Technical Regulations requirements is confirmed, shall be marked with the conformity mark.

### **6.4 Survey of materials and products without the documents confirming their compliance with the Technical Regulations' requirements**

6.4.1 In order to verify compliance of the sea transport items with the requirements of the Technical Regulations in case when no documents confirming the compliance are available, identification of the technical regulation item may be performed according to Section VI "Identification of Sea Transport Items and Sea Transport Infrastructure Items" of the Technical Regulations.

Depending on the tasks of identification and specifics of identified items, the following identification procedure shall be used:

- a) documentation expertise;
- b) testing of the item to be identified;
- c) documentation expertise and testing of the item to be identified.

6.4.2 In case of compliance assessment of materials or products having RS type approval and/or RS certificate without indication of compliance with the Technical Regulations, it is necessary to perform the following:

6.4.2.1 determine whether the item is included in the List specified in the check lists given in 6.1.2 and, respectively, which additional requirements apply to the material or product;

6.4.2.2 indicate the identification results in the Identification Protocol (form 6.3.81RF);

6.4.2.3 in case the additional testing and/or submission of additional documents and/or marking is/are required, specify the respective requirement in item 9 of the Identification Protocol, or when additional research is required, it shall be specified in items 11 or 13 of the Annex to the Identification Protocol;

6.4.2.4 when the requirements specified in item 9 of the Identification Protocol, or in items 11 or 13 of the Annex to the Identification Protocol are met:

- 1) way of meeting the requirements specified in item 9 of the Identification Protocol, or in items 11 or 13 of the Annex to the Identification Protocol shall be specified in items 10, 12 and 14, respectively; and
- 2) mark of the material or product compliance with the requirements of the Technical Regulations shall be made;

6.4.2.5 the technical regulation item, which compliance with the Technical Regulations is confirmed, shall be marked with the conformity mark, as stated in Section 5;

6.4.2.6 upon satisfactory identification results, the RS Certificate (form 6.5.30/6.5.31) or a copy of the Type Approval Certificate (Type Approval Certificate (CTO), certificates of type approval (COTO), certificates of type test (COTИ), Type Approval Certificate for Fire-Proof Division (CTПK), etc.) depending on supply, shall be stamped to confirm the sea transport item compliance with the requirements of the Technical Regulations. The stamp example is given in Fig. 6.4.2.6.



	<p>The item complies with the Technical Regulations on the Safety of Sea Transport Items</p>
<p>All-Russian Products Classification Code: _____</p>	
<p>Identification Protocol No.: _____</p>	
<p>The item is marked with the conformity mark: </p>	
<p>Remarks: _____</p>	

Fig. 6.4.2.6

6.4.3 In case compliance assessment of the materials or products without the RS documents is required, it is necessary:

6.4.3.1 during identification (expertise of technical documentation on the material or product):

- 1) to review documentation for compliance with the requirements of the RS rules;
- 2) to determine which requirements of the Technical Regulations that are higher than the statutory requirements apply to the material or product;

6.4.3.2 to indicate the identification results in the Identification Protocol (form 6.3.81RF) as specified in 6.4.2.2, 6.4.2.3, 6.4.2.4;

6.4.3.3 upon satisfactory identification results, to issue the RS Certificate (form 6.5.30) in accordance with the requirements specified in 6.3.1.2.

6.4.4 When compliance assessment for a large number of items of the equipment already installed on board is performed, for example, during the ship construction or change of flag, the List (f. 4.1.7RF) may be attached to the Identification Protocol (f. 6.3.81RF). In this case:

6.4.4.1 Identification Protocol is issued where all the items contain the references to the documents containing the necessary information, including the List (f. 4.1.7RF). For example, in item 1 of the Identification Protocol the following text may be indicated: "Refer to the information given in the documents mentioned in columns 6 and 7 of the List (form 4.1.7RF)", and in item 10 of the Identification Protocol the text: "Refer to the information given in column 9 of the List (form 4.1.7RF)" shall be indicated;

6.4.4.2 when the additional testing and/or submission of additional documents and/or marking is/are required, the relevant requirements shall be specified in column 9 "Notes/conclusion on the item compliance with the requirements of TR-620" of the List (f. 4.1.7RF);

6.4.4.3 after meeting all the requirements mentioned in column 9 "Notes/conclusion on the item compliance with the requirements of TR-620" of the List (form 4.1.7RF), the Annex to the Identification Protocol (form 6.3.81RF) shall be filled in where in item 2 the following shall be made:

- 1) reference to item 9 of the Identification Protocol or to item 1 of the previous entry in the Annex to the Identification Protocol;
- 2) mark on the material or product compliance with the Technical Regulations.

## 6.5 Survey of materials and products prior to recycling

6.5.1 Upon survey results of materials and products prior to recycling, a Report on Survey of Ship, Ship's Equipment prior to Recycling in accordance with the provisions of the Technical Regulations on the Safety of Sea Transport Items (f. 6.3.79RF) shall be issued.

6.5.2 During verification of compliance with item 1 of the Report (f. 6.3.79RF), it is necessary to consider that recycling documentation shall be approved by the bodies authorized for approval of recycling documentation in compliance with the law specified in subparagraph "a", paragraph 160 of the Technical Regulations.

6.5.3 The RS Branch Office having issued the Report (f. 6.3.79RF) shall send its copy to RHO in accordance with the established procedure.

6.5.4 The Report (f. 6.3.79RF) and the Certificate specified in 6.3.1.1, as well as the documents used as the basis for their issue, shall be kept by the RS Branch Office for 5 years from the date of signing the Report.

## **6.6 Records**

6.6.1 The certificates issued by RS for technical regulation items and the documents used as the basis for the certificates' issue shall be kept by RS according to the same procedure as the certificates and documents on approval of the items of technical supervision in compliance with ND No. [2-060201-026-E](#).

## **6.7 Payment for the RS services**

6.7.1 Payment for the services rendered by RS, as mentioned in Section 6, is charged on the basis of standard time rates for the RS service rendering and cost of a standard hour approved in accordance with the established procedure.

6.7.2 The above payment is charged in addition to that for the RS services rendered in compliance with the requirements of international conventions and RS rules, since the payment for the RS services mentioned in this Section is charged for compliance assessment of technical regulation items with the Technical Regulations' requirements which differ from the requirements of international conventions and RS rules.

6.7.3 The RS services mentioned in this Section are rendered at the applicant's expense.

6.7.4 The RS services may be rendered within the contract (request) for RS services rendered in compliance with the requirements of international conventions and RS rules or under a separate contract (request).

## **7 Procedure for compliance assessment of ships**

### **7.1 Review of plan approval documentation**

7.1.1 The ship compliance with the requirements of the Technical Regulations during review of the plan approval documentation shall be confirmed by the available conclusion on compliance of the ship design with the requirements of the Technical Regulations in the final letter of conclusion.

7.1.2 Items the compliance of which with the requirements of the Technical Regulations is subject to verification during review of projects, are marked in the check-list (1).TR620.RF with "TD" identifier.

### **7.2 Survey of ships under construction**

7.2.1 Items the compliance of which with the requirements of the Technical Regulations is subject to verification during technical supervision under construction, are marked in the check-list (1).TR20.RF with "C" identifier.

7.2.2 During technical supervision, the List (f. 4.1.7RF) shall be filled in.

7.2.3 In case there is no relevant Certificate for material and/or product, identification of the item shall be performed in compliance with the requirements of Chapter 6.4.

7.2.4 For the ship complying with the requirements of the Technical Regulations, a Certificate on Classification (form 3.1.2RF) shall be issued.

7.2.5 In case there are overdue requirements of the Technical Regulations (for example, unavailable Ship Sanitary Certificate during construction of a ship beyond RF) at the moment of completion of the technical supervision, the information on them shall be entered in Section "Temporary Restrictions and Remarks" in the Certificate of f.3.1.2RF.

7.2.6 Ship which compliance with the requirements of the Technical Regulations is confirmed, shall be marked with the conformity mark (refer to Section 5).

### **7.3 Survey of ship in service**

7.3.1 Survey of ship in service shall be carried out according to the procedure specified in ND No. 2-030101-009-E – Guidelines on Technical Supervision of Ships in Service with due regard to the following:

7.3.1.1 provisions specified in Section III "Requirements for the Safety of Operation and Recycling of Sea Transport Items" and paragraphs 244 to 247 of the Technical Regulations;

7.3.1.2 provisions specified in 7.2.4;

7.3.1.3 provisions specified in 7.2.6.

7.3.2 The available certificates specified in Chapters 6.2 and 6.3 and the conformity mark on the materials and products shall only be required in cases of installation of new materials and products on ship.

7.3.3 Requirements of the Technical Regulations also apply to existing ship released in the territory of the Russian Federation (entitled to fly the flag of the Russian Federation).

7.3.4 In this case, the matters related to the application or interpretation of the Technical Regulations' requirements shall, if necessary, be settled between the party concerned (design bureau, shipyard, material and product manufacturer, shipowner, etc.) and RHO.

7.3.5 Survey of ship in service flying the foreign flag shall be carried out as specified in ND No. 2-030101-009-E – Guidelines on Technical Supervision of Ships in Service considering provisions of 7.2.4. In this case the Check-List on Examination of the Ship for Compliance with Requirements of Technical Regulations on the Safety of Sea Transport Items (form (1).TR620.FS) shall be issued.



## **7.4 Payment for the RS services**

7.4.1 Payment for the services rendered by RS, as mentioned in Section 7, is charged on the basis of standard time rates for the RS service rendering and cost of standard hours approved in accordance with the established procedure.

7.4.2 The above payment is charged in addition to that for the RS services rendered in compliance with the requirements of international conventions and RS rules, since the payment for the RS services mentioned in this Section is charged for compliance assessment of technical regulation items with the Technical Regulations' requirements which differ from the requirements of international conventions and RS rules.

7.4.3 The RS services mentioned in this Section shall be provided at the applicant's expense.

7.4.4 The RS services may be rendered within the contract (request) for RS services rendered in compliance with the requirements of international conventions and RS rules or under a separate contract (request).

## **7.5 Survey of ship (ship equipment) prior to recycling**

7.5.1 Survey of ship (ship equipment) prior to recycling shall be carried out in compliance with the requirements specified in paragraphs 158 and 160 of the Technical Regulations.

7.5.2 Upon results of the ship (ship equipment) survey prior to recycling, a Report on Survey of Ship, Ship's Equipment prior to Recycling (form 6.3.79RF) shall be issued (refer to subparagraph "e", paragraph 248 of the Technical Regulations).

7.5.3 During verification of compliance with item 1 of the Report (form 6.3.79RF), it is necessary to consider that the expert conclusion on recycling documentation shall be approved by the bodies authorized to approve expert conclusions on recycling documentation in compliance with the law specified in subparagraph "a", paragraph 160 of the Technical Regulations, as follows:

7.5.3.1 Federal Service for Environmental, Technological and Nuclear Supervision (Rostekhnadzor); and

7.5.3.2 Federal Service for Supervision of Natural Resources (Rosprirodnadzor).

7.5.4 The RS Branch Office having issued the Report (form 6.3.79RF) shall send its copy to the RS Branch Office having issued the Certificate specified in Chapters 7.2 and 7.3.

7.5.5 The Report (form 6.3.79RF) and the Certificate specified in Chapters 7.2 and 7.3 and in 6.3.1.1, as well as the documents used as the basis for their issue, shall be kept by the RS Branch Offices specified in 7.5.4 for 5 years from the date of signing the Report.

## **Appendix A**

### **Image and instructions for application of conformity mark**

(approved by the RF Government Decree No. 696 of 19 November 2003 "On Conformity Mark")

**Variant 1**



**Variant 2**



**Variant 3**



**Variant 4**



Marking with the conformity mark shall be performed by the applicant (manufacturer, builder, supplier) independently in any convenient way (refer to paragraph 2, article 27 of the Federal Law No. 184-FZ of 27 December 2002 "On Technical Regulation").

The conformity mark image shall be monochrome contrasting with the colour of the surface, to which it is applied (refer to the RF Government Decree No. 696 of 19 November 2003 "On Conformity Mark").