



# RUSSIAN MARITIME REGISTER OF SHIPPING

**CIRCULAR LETTER**

**No. 312-30-1272c**

dated 14.10.2019

Re:

amendments to the Rules for Technical Supervision during Construction of Ships and Manufacture of Materials and Products for Ships, 2019, ND No. 2-020101-118-E

Item(s) of supervision:

technical documentation on ships, materials and products

Entry-into-force date:

**from the date of publication**

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~~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 Part II "Technical Documentation"

Director General

Konstantin G. Palnikov

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.

It is necessary to do the following:

1. Bring the content of the Circular Letter to the notice of the RS surveyors and interested organizations in the area of the RS Branch Offices' activity.
2. Apply provisions of the Circular Letter in the RS practical activity.

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

Part II: paras 3.6, 5.2, 5.9, 7.1, Section 8

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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	Para 3.6	Requirements for the RS expert opinion upon results of documentation review in the scope of the "Approval in Principal" (AIP) service have been specified	312-30-1272c of 14.10.2019	14.10.2019
2	Para 5.2	Requirements for putting stamps on the documentation on products reviewed by the Register have been specified	312-30-1272c of 14.10.2019	14.10.2019
3	Para 5.2	Requirements for the dates to be followed by the Register at review of technical documentation on products have been specified	312-30-1272c of 14.10.2019	14.10.2019
4	Para 7.1	Requirements for the list of normative documents to be reviewed by the Register have been specified	312-30-1272c of 14.10.2019	14.10.2019
5	Section 8	Section has been completely amended	312-30-1272c of 14.10.2019	14.10.2019

**RULES FOR TECHNICAL SUPERVISION DURING CONSTRUCTION OF SHIPS AND  
MANUFACTURE OF MATERIALS AND PRODUCTS FOR SHIPS, 2019**

**ND No. 2-020101-118-E**

**PART II. TECHNICAL DOCUMENTATION**

**3 GENERAL**

1 **Para 3.6** is replaced by the following text:

**"3.6** Where novel engineering solutions are used, and for the purpose of feasibility studies, tendering process, etc., the performance specification, draft proposal, tender documentation, conceptual design, engineering analysis procedure as well as experimental design and research developments (Front End Engineering Design, etc.) and other documentation of high degree of novelty may be submitted to the Register for review. Such documents are not subject to approval, and on the results of their review a written conclusion (expert opinion) of the Register is compiled (refer to 8.5). Such documents are not subject to approval, and on the results of their review a written conclusion (opinion) of the Register is compiled (refer to 8.5).

On the customer's request, the Register may review the above technical documentation as part of "Approval in Principle" (AIP) service. With regard to this service, the written conclusion (expert opinion) contains at least the following information:

list of comments to be fulfilled at subsequent stages of the design;

information on new RS requirements to be implemented at subsequent stages of the documentation review;

list of limitations and conditions of use of the proposed new technical solutions based on their engineering evaluation and the research work results.

Due to the novelty of the proposed technical solutions, the scope of technical documentation submitted to the Register, and the actions required for rendering AIP service are subject to agreement between the customer and RS in each particular case.

Technical documentation shall contain general information on the item, drawings, specifications, engineering review results, test reports, etc., where applicable."

**5 TECHNICAL DOCUMENTATION ON PRODUCTS**

2 **Para 5.2** is replaced by the following text:

**"5.2** Technical documentation on products shall be submitted for review in electronic form according to 3.3.

The Register confirms approval/agreement of technical documentation on products by issuing a conclusion letter and/or putting on stamps 8.2-1 or 8.2.-3 accordingly, or 8.2-6 for various information documents (refer to 8.3.4). Where the technical documentation fails to comply with the RS requirements, the comments shall be fulfilled by the designer (manufacturer) prior to its final approval (agreement)."

3 **Para 5.9** is replaced by the following text:

**"5.9** In case the technical documentation on spare parts for products in service is developed anew, the developer of the documentation shall present it to the RS Branch Office, in which area the documentation developer is located, for review and approval together with the

information, which confirms the compliance of the design and materials of spare parts to the specifications of these products.

Technical documentation submitted to the Register for approval shall be reviewed for compliance with the requirements of the RS rules being in force on the date of the customer's request for documentation review by the Register, unless specified otherwise in the relevant sections of the RS rules."

## 7 NORMATIVE DOCUMENTS

4 **Para 7.1** is replaced by the following text:

"7.1 National and international standards (refer to 3.7) shall be submitted for review to RHO or the RS Branch Office, if duly authorized by RHO; standards of firms (organizations) and other normative documents — to the appropriate RS Branch Offices in the area of their activity."

## 8 PREPARATION OF RESULTS OF TECHNICAL DOCUMENTATION REVIEW

5 **Section 8** is replaced by the following text:

### "8 PREPARATION OF RESULTS OF TECHNICAL DOCUMENTATION REVIEW

8.1 Upon results of the technical documentation review, the Register puts the appropriate stamps on the documents and/or compiles a conclusion letter.

When reviewing the technical documentation in electronic form, stamping is carried out by software tools and is certified by digital signature of the Register authorized specialist.

8.2 The Register applies stamps shown in Figs. 8.2-1 — 8.2-11. In case of documentation review within dual classification of a ship with another classification society (hereinafter referred to as "ACS") and further assignment of character of classification according to 2.2.2.4, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships, the stamps shown in Figs. 8.2-7 — 8.2-11 are applied.

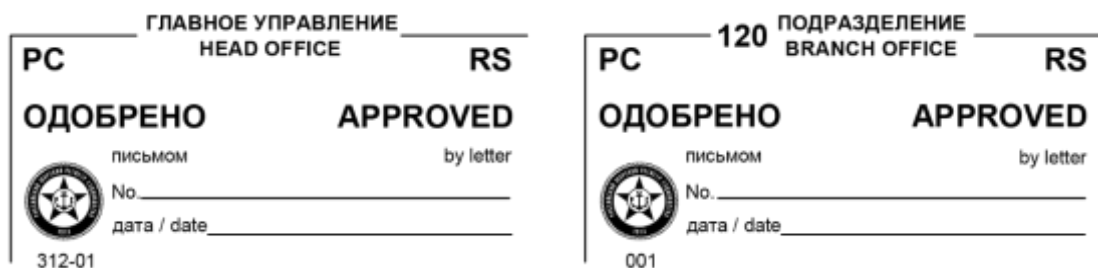


Fig. 8.2-1

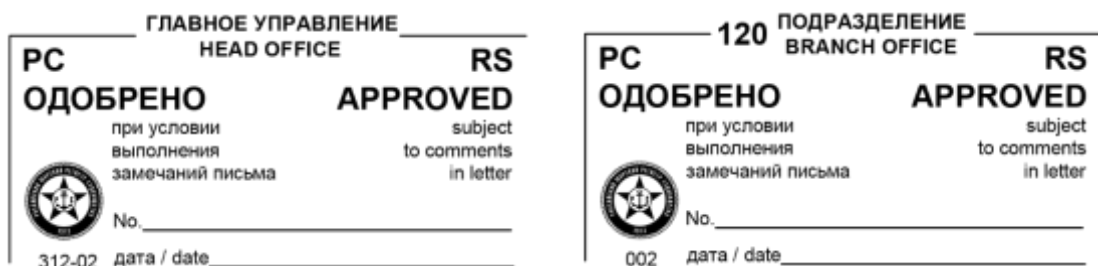


Fig. 8.2-2

ГЛАВНОЕ УПРАВЛЕНИЕ HEAD OFFICE	
PC	RS
<b>СОГЛАСОВАНО</b>	<b>AGREED</b>
письмом No. _____	by letter _____
дата / date _____	
312-03	

120 ПОДРАЗДЕЛЕНИЕ BRANCH OFFICE	
PC	RS
<b>СОГЛАСОВАНО</b>	<b>AGREED</b>
письмом No. _____	by letter _____
дата / date _____	
003	

Fig. 8.2-3

ГЛАВНОЕ УПРАВЛЕНИЕ HEAD OFFICE	
PC	RS
<b>СОГЛАСОВАНО</b>	<b>AGREED</b>
при условии выполнения замечаний письма No. _____	subject to comments in letter _____
дата / date _____	
312-04	

120 ПОДРАЗДЕЛЕНИЕ BRANCH OFFICE	
PC	RS
<b>СОГЛАСОВАНО</b>	<b>AGREED</b>
при условии выполнения замечаний письма No. _____	subject to comments in letter _____
дата / date _____	
004	

Fig. 8.2-4

ГЛАВНОЕ УПРАВЛЕНИЕ HEAD OFFICE	
PC	RS
<b>ОДОБРЕНО</b>	<b>APPROVED</b>
Российским морским реестром судоходства по поручению Морской администрации	by the Russian Maritime Register of Shipping under the authority of Maritime Administration of
письмом / by letter No. _____	_____
дата / date _____	
312-05	

120 ПОДРАЗДЕЛЕНИЕ BRANCH OFFICE	
PC	RS
<b>ОДОБРЕНО</b>	<b>APPROVED</b>
Российским морским реестром судоходства по поручению Морской администрации	by the Russian Maritime Register of Shipping under the authority of Maritime Administration of
письмом / by letter No. _____	_____
дата / date _____	
005	

Fig. 8.2-5

ГЛАВНОЕ УПРАВЛЕНИЕ HEAD OFFICE	
PC	RS
<b>ДЛЯ ИНФОРМАЦИИ FOR INFORMATION</b>	
письмо PC / RS letter No. _____	
дата / date _____	
312-06	

120 ПОДРАЗДЕЛЕНИЕ BRANCH OFFICE	
PC	RS
<b>ДЛЯ ИНФОРМАЦИИ FOR INFORMATION</b>	
письмо PC / RS letter No. _____	
дата / date _____	
006	

Fig. 8.2-6

HEAD OFFICE	
RS	
<b>APPROVED</b>	
in scope of Dual classification Agreement with _____	
by letter No. _____	_____
date _____	
312-07	

120 BRANCH OFFICE	
RS	
<b>APPROVED</b>	
in scope of Dual classification Agreement with _____	
by letter No. _____	_____
date _____	
007	

Fig. 8.2-7

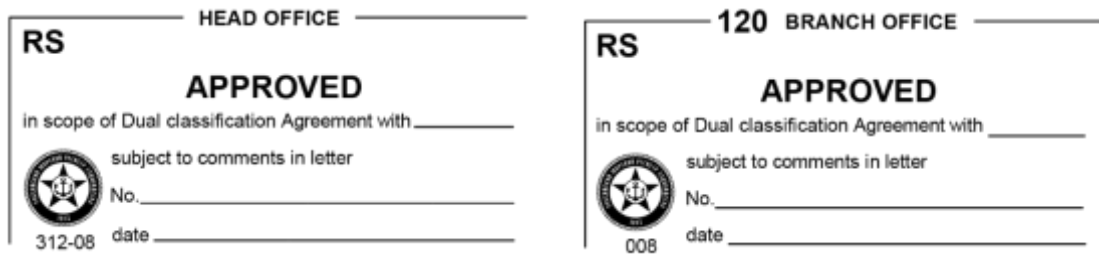


Fig. 8.2-8

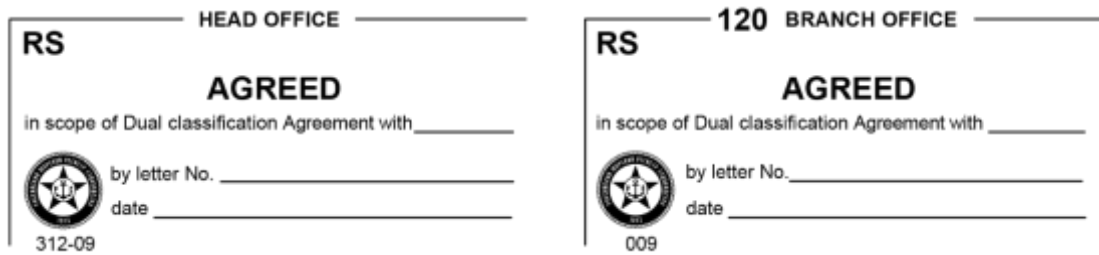


Fig. 8.2-9

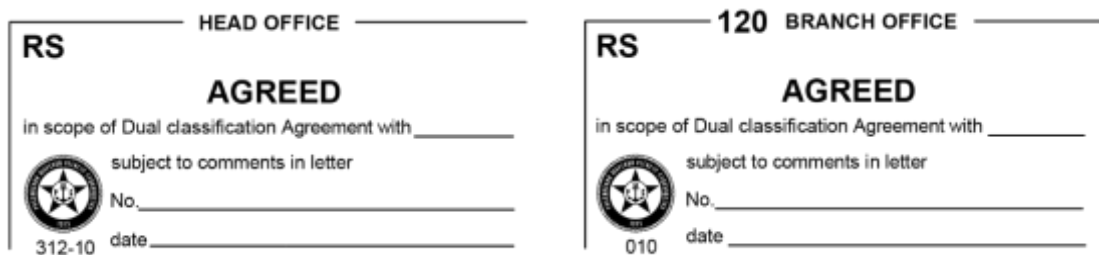


Fig. 8.2-10

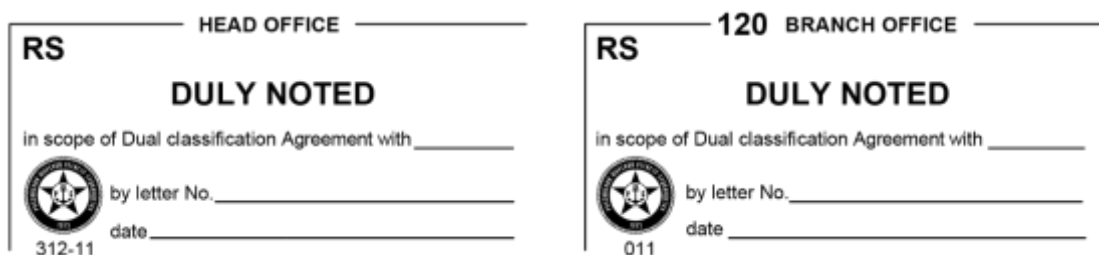


Fig. 8.2-11

**8.3** The stamp to be applied is determined by the Register depending on a document type, result of its review as well as participation of ACS in the documentation review within dual classification.

Upon approval (agreement) of the technical documentation, the Register puts the appropriate stamps, namely:

- .1 stamps shown in Figs. 8.2-1 and 8.2-2 are put on the structural drawings, (basic and functional) circuits, test programs, other similar documents;
- .2 stamps shown in Figs. 8.2-3 and 8.2-4 are put on the List of Deviations from the RS Rules, various calculations, descriptions, technical backgrounds, lists of spare parts, research reports and test results, etc., as well as on the normative documents (standards, including the shipyard and firm (manufacturer) standards, regulations, etc.);

**.3** stamps shown in Fig. 8.2-5 are put on the documents approved on behalf of Administrations if it is regulated by the RS requirements;

**.4** stamp shown in Fig. 8.2-6 is put on the various information documents not subject to review for compliance with the RS requirements;

**.5** stamps shown in Figs. 8.2-7 and 8.2-8 are put on the structural drawings, (basic and functional) circuits, test programs, other similar documents reviewed by the Register together with ACS in the scope stipulated in the Dual Classification Agreement at assignment of character of classification according to 2.2.2.4, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships;

**.6** stamps shown in Figs. 8.2-9 and 8.2-10 are put on the List of Deviations from the RS Rules, various calculations, descriptions, technical backgrounds, lists of spare parts, research reports and test results, etc., as well as on the normative documents (standards, including the shipyard and firm (manufacturer) standards, regulations, etc.), reviewed by the Register together with ACS in the scope stipulated in Dual Classification Agreement at assignment of character of classification according to 2.2.2.4, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships;

**.7** stamps shown in Fig. 8.2-11 are put on the documents reviewed by ACS and not subject to review by the Register under the Dual Classification Agreement at assignment of character of classification according to 2.2.2.4, Part I "Classification" of the Rules for the Classification and Construction of Sea-Going Ships.

**8.4** Stamp on the first page of electronic document certified by digital signature applies to all pages of the document.

**8.5** Based on the results of review of the technical documentation referred to in 3.6 and 3.7, the Register compiles a conclusion letter (expert opinion) without stamping or signing the documents.

**8.6** In case of negative results of review (the review status is "not approved"), the document is not stamped and the comments to the document are sent to the designer.

**8.7** In case of a single approval of the technical documentation on materials and products (refer to Section 1, Part I "General Regulations for Technical Supervision"), a conclusion letter shall contain an entry on limitation of the material or product application by a particular ship project or hull numbers.

**8.8** The comments raised in the course of approval of the plan approval documentation shall be fulfilled to the satisfaction of the Register.

The RS Branch Offices in charge of control over comments fulfillment shall communicate information on their fulfillment to the RS Branch Office, which has approved the plan approval documentation as a whole.

**8.9** The detailed design documentation for a ship under construction as well as documentation on materials and products shall be approved without any comments. The approval is issued only upon fulfillment all the comments by the designer.

**8.10** A set of the approved technical documentation together with a conclusion letter is sent to the customer and the RS Branch Office, which will be in charge of review of the detailed design documentation or technical supervision during construction (manufacture) of the item.

**8.11** Upon review and agreement of the final wording of the normative document, the Register sends to the organization, which submitted the document, an appropriate written confirmation on agreement of the document; the document itself with the Register stamp is kept in the RS Branch Office files as a master copy.

**8.12** The order of the technical documentation review in RHO and the RS Branch Offices is established by the appropriate RS internal normative documents (procedures, instructions)."