



RUSSIAN MARITIME REGISTER OF SHIPPING

CIRCULAR LETTER

No. 340-02-1314c

dated 22.01.2020

Re:

amendments to the Rules for the Classification Surveys of Ships in Service, 2020, ND No. 2-020101-012-E, and Annexes to the Rules for the Classification Surveys of Ships in Service, 2020, ND No. 2-020101-012-E-Ann

Item(s) of supervision:

ships and offshore installations in service

Entry-into-force date:

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Part II "Survey Schedule and Scope", Part III "Additional Surveys of Ships Depending on their Purpose and Hull Material" and Annex 2 "Instructions for Determination of the Technical Condition and Repair of the Hulls of Sea-Going Ships"

Director General

Konstantin G. Palnikov

Text of CL:

We hereby inform that the Rules for the Classification Surveys of Ships in Service and Annexes to the Rules shall be amended as specified in the Appendices to the Circular Letter in connection with clarification of the instructions for the actions of the Register in case of major conversion; cancellation of the Continuous Survey List (form 3.1.6) as well as clarification of responsibilities of the RS Branch Offices considering and making decisions on some issues and some provisions of the Rules and Annexes to the Rules.

It is necessary to do the following:

1. Familiarize the RS surveyors and interested organizations in the area of the RS Branch Offices' activity with the content of the Circular Letter.
2. Apply provisions of the Circular Letter during surveys of ships and offshore installations in service.

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

Part II: Table 2.1.1-1, paras 2.4.2.6.7, 2.4.1.4.10, 2.5.3.4.2, 2.5.3.5.3, 2.5.4.1.3, 2.5.5.1.2, 2.5.5.1.4, 2.5.5.1.7, 2.5.5.2.4, 2.5.5.5, 2.6.4, 2.7.1.1.5, 2.8.2.4.4, 2.10.2.2.13, 2.10.2.2.15, 2.11.1.10, 2.11.8.1.6, 2.11.8.1.7, 2.11.10.4, 3.2.1, 3.2.2, 3.2.3, 4.5.2.3, 4.8.2.2.3;

Part III: paras 2.2.5.1.1, 3.2.5.1.1, 4.2.5.1.1, 19.2.2.1.5, 19.2.3.2.2.3, 19.2.5.1.6;

Annex 2: para 1.1.1

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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	Part II, Table 2.1.1-1	Item 1.3.7.2 of the Table has been amended to harmonize it with the provisions of 2.4.2.6.5, Part II "Survey Schedule and Scope"	340-02-1314c of 22.01.2020	22.01.2020
2	Part II, para 2.4.1.4.10	Requirements for the RS Branch Offices responsible for matters reviewing and decision making have been specified	340-02-1314c of 22.01.2020	22.01.2020
3	Part II, para 2.4.2.6.7	Requirements for the scope of close-up survey and thickness measurements have been specified	340-02-1314c of 22.01.2020	For surveys and thickness measurements commenced on or after the date of publication of the Circular Letter as well as for surveys and thickness measurements commenced on or after 01.01.2020 but not completed prior to the date of publication of the Circular Letter
4	Part II, para 2.5.3.4.2	Requirements for the RS Branch Offices responsible for matters reviewing and decision making have been specified	340-02-1314c of 22.01.2020	22.01.2020
5	Part II, para 2.5.3.5.3	Requirements for the RS Branch Offices responsible for matters reviewing and decision making have been specified	340-02-1314c of 22.01.2020	22.01.2020
6	Part II, para 2.5.4.1.3	Requirements for the RS Branch Offices responsible for matters reviewing and decision making have been specified	340-02-1314c of 22.01.2020	22.01.2020

7	Part II, para 2.5.5.1.2	Text duplicating the provisions of 2.5.3 has been deleted	340-02-1314c of 22.01.2020	22.01.2020
8	Part II, para 2.5.5.1.4	Requirements for conditions of survey without dry docking have been specified	340-02-1314c of 22.01.2020	22.01.2020
9	Part II, para 2.5.5.1.7	Requirements for the RS Branch Offices responsible for matters reviewing and decision making have been specified	340-02-1314c of 22.01.2020	22.01.2020
10	Part II, para 2.5.5.2.4	Requirements for the RS Branch Offices responsible for matters reviewing and decision making have been specified	340-02-1314c of 22.01.2020	22.01.2020
11	Part II, para 2.5.5.5	Requirements for conditions of survey without dry docking have been specified	340-02-1314c of 22.01.2020	22.01.2020
12	Part II, para 2.6.4	Amendments have been introduced in connection with cancellation of the Continuous Survey List (form 3.1.6)	340-02-1314c of 22.01.2020	22.01.2020
13	Part II, para 2.7.1.1.5	Amendments have been introduced in connection with cancellation of the Continuous Survey List (form 3.1.6)	340-02-1314c of 22.01.2020	22.01.2020
14	Part II, para 2.8.2.4.4	Requirements for the RS Branch Offices responsible for matters reviewing and decision making have been specified	340-02-1314c of 22.01.2020	22.01.2020
15	Part II, para 2.10.2.2.13	Requirements for organization (manufacturer) performing thermal oil analysis has been specified	340-02-1314c of 22.01.2020	22.01.2020
16	Part II, para 2.10.2.2.15	Requirements for organization (manufacturer) performing thermal oil analysis has been specified	340-02-1314c of 22.01.2020	22.01.2020
17	Part II, para 2.11.1.10	Requirements for the RS Branch Offices responsible for matters reviewing and decision making have been specified	340-02-1314c of 22.01.2020	22.01.2020
18	Part II, para 2.11.8.1.6	Requirements for the RS Branch Offices responsible for matters	340-02-1314c of 22.01.2020	22.01.2020

		reviewing and decision making have been specified		
19	Part II, para 2.11.8.1.7	Amendments have been introduced in connection with excluding the necessity for RHO to apply to the RS Branch Office for in-service supervision	340-02-1314c of 22.01.2020	22.01.2020
20	Part II, para 2.11.10.4	Requirements for the RS Branch Offices responsible for matters reviewing and decision making have been specified	340-02-1314c of 22.01.2020	22.01.2020
21	Part II, para 3.2.1	Requirements for the RS Branch Offices responsible for matters reviewing and decision making have been specified	340-02-1314c of 22.01.2020	22.01.2020
22	Part II, para 3.2.2	Requirements for conditions of determining the conversion nature have been specified	340-02-1314c of 22.01.2020	22.01.2020
23	Part II, para 3.2.3	Additional instructions on the RS surveyor's actions in case of major conversion have been introduced	340-02-1314c of 22.01.2020	22.01.2020
24	Part II, para 4.5.2.3	Reference to the RS Branch Office for in-service supervision has been deleted	340-02-1314c of 22.01.2020	22.01.2020
25	Part II, para 4.8.2.2.3	Requirements for fleet monitoring system implementation for a ship have been specified	340-02-1314c of 22.01.2020	22.01.2020
26	Part III, para 2.2.5.1.1	Amendments have been introduced in connection with deletion of the provision on the necessity of reviewing the testing procedure only by the RS Branch Office for in-service supervision	340-02-1314c of 22.01.2020	22.01.2020
27	Part III, para 3.2.5.1.1	Amendments have been introduced in connection with deletion of the provision on the necessity of reviewing the testing procedure only by the RS Branch Office for in-service supervision	340-02-1314c of 22.01.2020	22.01.2020
28	Part III, para 4.2.5.1.1	Amendments have been introduced in connection with deletion of the provision on the necessity of reviewing the testing	340-02-1314c of 22.01.2020	22.01.2020

		procedure only by the RS Branch Office for in-service supervision		
29	Part III, para 19.2.2.1.5	Amendments have been introduced in connection with deletion of the provision on the necessity of getting authorization for review of the survey programme from the RS Branch Office for in-service supervision	340-02-1314c of 22.01.2020	22.01.2020
30	Part III, para 19.2.3.2.2.3	Amendments have been introduced in connection with deletion of the provision on the necessity to agree the decision regarding non-destructive testing performance with the RS Branch Office for in-service supervision	340-02-1314c of 22.01.2020	22.01.2020
31	Part III, para 19.2.5.1.6	Amendments have been introduced in connection with deletion of the provision on the necessity to request the opinion of the RS Branch Office for in-service supervision	340-02-1314c of 22.01.2020	22.01.2020
32	Annex 2 to the Rules, para 1.1.1	Amendments have been introduced with regard to clarification of the design service life of a ship (24 years have been replaced with 25 years)	340-02-1314c of 22.01.2020	22.01.2020

RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE, 2020

ND No. 2-020101-112-E

PART II. SURVEY SCHEDULE AND SCOPE

2 PERIODICAL SURVEYS

1 **Table 2.1.1-1. Item 1.3.7.2** is replaced by the following text:

"

1.3.7	.2 seatings of main and auxiliary machinery and boilers			O			O			OM 2.4.2.6.5			OM 2.4.2.6.5
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2 **Para 2.4.1.4.10** is replaced by the following text:

"2.4.1.4.10 Extension of special survey.

Under special circumstances, the Register may grant an extension not exceeding three (3) months to allow for completion of the special survey provided that the ship is attended and the attending RS surveyors so recommend after the following has been carried out:

.1 occasional survey in full scope of annual survey;

.2 verification of compliance with the requirements or review of the possibility to postpone fulfillment of the requirements and other conditions of class prescribed for the due date of the special survey;

.3 special survey in the maximum possible scope;

.4 in-water survey carried out in accordance with 2.5.1.2 by the organization recognized by RS or ACS — IACS member taking into account the provisions of Section 7, Part I "General Provisions". In-water survey may be dispensed with in the case of extension of terms of special survey not exceeding 36 months interval provided the ship is without outstanding requirements and other conditions of class regarding the outside of the ship's bottom. Reviewing matters relating to the extension of special survey, assignment of conditions and determination of scope of occasional survey (not less than determined by 2.4.1.4.10.1 — 2.4.1.4.10.4) shall be within the competence of:

for ships over 100 gross tonnage — RHO;

for ships of 100 gross tonnage and less — RS Branch Office which will perform the relevant survey of the ship, or in case of the absence of the request for survey — RS Branch Office which is located in the area of permanent operation of the ship.

The issue related to the extension of special survey is considered based on the shipowner's written request. For this purpose, the shipowner shall apply with a request to RS. The shipowner in his request shall provide the documentary evidence confirming the occurrence of special circumstances. Upon review of the shipowner's request for extension of special survey of the ship over 100 gross tonnage RHO forwards its opinion to the RS Branch Office which will perform occasional survey of the ship. Taking final decision on granting an extension of special survey is within the competence of the Director/Head of the RS Branch Office which performed the occasional survey prescribed by this paragraph. Such a decision is made based on the survey results considering whether the prescribed conditions are complied with."

3 **Para 2.4.2.6.7** is replaced by the following text:

"2.4.2.6.7 In addition to Table 2.4.2.6.2-1, for dry cargo ships with double bottom and double sides within the cargo area, starting from the third special survey the close-up survey and thickness measurements of the following structures within the cargo area shall be carried out:

.1 at least 50 % of transverse webs in each ballast tank including adjacent shell plating and longitudinals;

.2 at least 50 % of ordinary transverse frames (for transverse framing system) including adjacent plating or 50 % of longitudinals (for longitudinal framing system) including adjacent plating on side shell and inner side plating in all side ballast tanks;

.3 all parts of the inner bottom plating;

.4 all parts of the inner side plating;

.5 all cargo hold transverse bulkheads (plating and framing);

.6 all ballast tank transverse bulkheads (plating and framing).

Note. Where necessary, the scope of survey and thickness measurements of the structures specified in 2.4.2.6.7.1 and 2.4.2.6.7.2 may be extended up to 100 %, if requested by the RS surveyor."

4 **Para 2.5.3.4.2** is replaced by the following text:

"2.5.3.4.2 Review of the matters relating to performance of in-water survey in lieu of bottom survey in dry dock shall be within the competence of:

for self-propelled ships over 100 gross tonnage — RS Technical Committee (TC);

for self-propelled ships of 100 gross tonnage and less and all non-self-propelled ships — RS Branch Office which will perform the relevant survey of the ship, or in case of the absence of the request for survey — RS Branch Office which is located in the area of permanent operation of the ship.

5 **Para 2.5.3.5.3** is replaced by the following text:

"2.5.3.5.3 The matter relating to the extension of bottom survey, the assignment of conditions and determination of scope of occasional survey shall be in each case within the competence of:

for ships over 100 gross tonnage — RHO;

for ships of 100 gross tonnage and less — RS Branch Office which will perform the relevant survey of the ship, or in case of the absence of the request for survey — RS Branch Office which is located in the area of permanent operation of the ship."

6 **Para 2.5.4.1.3** is replaced by the following text:

"2.5.4.1.3 Upon the shipowner's written request and upon agreement with RHO, for passenger ships other than ro-ro passenger ships, the number of bottom surveys in dry dock may be reduced to a single one within the 5-year class period provided such a single bottom survey in dry dock is carried out in conjunction with the special survey, and the interval between any two such surveys does not exceed 60 months¹.

The shipowner shall forward the request on application of this provision to RHO before the forthcoming due date of the bottom survey in advance.

The matter relating to the extension of dry docking period up to 60 months shall be in each case within the competence of:

for ships over 100 gross tonnage — RHO;

for ships of 100 gross tonnage and less — RS Branch Office which will perform the relevant survey of the ship, or in case of the absence of the request for survey — RS Branch Office which is located in the area of permanent operation of the ship.

The dry docking period may be extended up to 60 months provided the following conditions are met: repair/maintenance of items of technical supervision of the ship's bottom is not required; no details on damaged ship's bottom are available; at annual in-water surveys, the prescribed surveys and/or maintenance of shafting or main AMSS are not required.

¹Consideration shall be given to ships having Passenger Ship Safety Certificate issued in compliance with the provisions of SOLAS 74/78, the interval between surveys in dry dock may be

extended up to 60 months in accordance with IMO circular MSC.1/Circ.1348 only upon agreement with MA unless otherwise provided by the MA instructions or by agreement between MA and RS."

7 **Para 2.5.5.1.2** is replaced by the following text:

"**2.5.5.1.2** Provisions of 2.5.3 shall apply to berth-connected and non-self-propelled ships being operated in non-sheltered waters as well as to berth-connected ships retaining self-propelled ship distinguishing marks in the class notation (e.g. ships used as floating oil/gas storage units (FSO/FPSO) regardless of area of operation."

8 **Para 2.5.5.1.4** is replaced by the following text:

"**2.5.5.1.4** Unless shorter periods are provided in as-built/operational documentation or by the shipyard, for ships specified in 2.5.5.1.1 the intervals between bottom surveys in dry dock shall be as stated below, taking into account the requirements of 2.5.5.1.7 and 2.5.5.1.8, if applicable: first survey: 15 years after construction; subsequent surveys: at intervals not exceeding 10 years. During periodical surveys of the ship, its dry dock survey is not required, provided internal examination of the compartments and in-water survey using underwater television shows that there are no defects, damages and water ingress."

9 **Para 2.5.5.1.7** is replaced by the following text:

"**2.5.5.1.7** The performance, upon the shipowner's written request, of an in-water survey according to 2.5.8 in lieu of the bottom survey in dry dock shall be reviewed by the Register in each case and is within the competence of the RS Branch Office which will perform the relevant survey of the ship, or in case of the absence of the request for survey — RS Branch Office which is located in the area of permanent operation of the ship. Such decision shall be made in accordance with 2.5.1.8 provided that the compliance of the ship's bottom condition with these Rules may be confirmed by the results of thorough examination of the whole ship's bottom from inside."

10 **Para 2.5.5.2.4** is replaced by the following text:

"**2.5.5.2.4** Notwithstanding the provisions of 2.5.5.2.3, upon the shipowner's written request, the bottom survey may be carried out as in-water survey according to 2.5.8 as alternative to bottom survey in dry dock by decision of the RS Branch Office which will perform the relevant survey of the ship, or in case of the absence of the request for survey — RS Branch Office which is located in the area of permanent operation of the ship. Such decision shall be made in accordance with the applicable provisions of 2.5.1.8."

11 **Para 2.5.5.5** is replaced by the following text:

"**2.5.5.5** Floating docks.

Unless shorter periods are provided in as-built/operational documentation or by the shipyard, for floating docks the intervals between bottom surveys in dry dock shall be as follows:

first survey — 15 years after construction;

subsequent surveys — at intervals not exceeding 5 years.

At periodical surveys of a floating dock its dry dock survey is not required, provided internal examination of the compartments shows that there are no defects, damages and water leakage, and in-water survey using underwater television proves that there are no defects or damages."

12 **Para 2.6.4** is replaced by the following text:

"**2.6.4** Application of CSS to the ship (hull, arrangements, machinery, electric equipment and refrigerating plant) is certified by an appropriate entry in the Classification Certificate. The list of items of technical supervision within CSS, brief description of survey and planned submission dates shall be recorded by the RS surveyor in the appropriate section of the List of Survey's Status which may be printed out and forwarded to the ship upon the shipowner's request."

13 **Para 2.7.1.1.5** is replaced by the following text:

"**2.7.1.1.5** For ships where PMS is applied, the Letter of Authorization of the Chief Engineer to Perform Surveys of Items within CSS is not required to carry on board (refer to Annex 2 to the Guidelines).".

14 **Para 2.8.2.4.4** is replaced by the following text:

"**2.8.2.4.4** The shipowner may, at any time, cancel the application of CM/CBM scheme, by informing the RS Branch Office for in-service supervision in advance (not later than 1 month prior to cancellation) in writing. For this case, the items under CM/CBM scheme, inspected by the Register during the last annual audit (annual survey), may be credited during survey of these items by decision of the RS Branch Office for in-service supervision or the RS Branch Office which is located in the area of permanent operation of the ship.".

15 **Para 2.10.2.2.13** is replaced by the following text:

"**2.10.2.2.13** For thermal oil boilers, the following shall be submitted prior to internal survey:

drawing of heating elements (coils) with marks indicating condition of coils, sagging and bending measurements of some coils carried out by the chief engineer and/or ship repair yard within periodical survey prior to the survey to be performed by the RS surveyor;

thermal oil analysis made by a recognized laboratory or a manufacturer of thermal oil to evaluate its fitness for further use;

manufacturer's quality certificate for thermal oil if it is replaced by the new one (the need for thermal oil analysis is determined by the RS surveyor).".

16 **Para 2.10.2.2.15** is replaced by the following text:

"**2.10.2.2.15** An extension of the internal examination of the boiler up to 3 months beyond the due date can be granted in exceptional circumstances, such as unavailability of repair facilities, unavailability of essential materials, equipment or spare parts, or delays incurred by action taken to avoid severe weather conditions. Such extension may be granted by the Register after the following is carried out to the satisfaction of the RS surveyor:

.1 external examination of the boiler;

.2 for thermal oil boilers the following shall be submitted:

thermal oil analysis made by a recognized laboratory or a manufacturer of thermal oil to evaluate its fitness for further use;

manufacturer's quality certificate for thermal oil where the former is renewed if it is replaced by the new one (the need for thermal oil analysis is determined by the RS surveyor).".

17 **Para 2.11.1.10** is replaced by the following text:

"**2.11.1.10** Consideration of shafting survey extension (refer to 2.11.2.9, 2.11.2.10 and 2.11.3.7) lies within the competence of:

for ships over 100 gross tonnage — RHO;

ships of 100 gross tonnage and less — RS Branch Office which will perform the relevant survey of the ship, or in case of the absence of the request for survey — RS Branch Office which is located in the area of permanent operation of the ship.".

18 **Para 2.11.8.1.6** is replaced by the following text:

"**2.11.8.1.6** Main AMSS shall be subject to normal and annual surveys.

Normal surveys of main AMSS shall be carried out, generally during each special survey of a ship for class renewal.

Annual surveys of main AMSS shall be carried out during each annual/intermediate survey of a ship for class confirmation.

Upon agreement with the RS Branch Office which will perform the relevant survey of the ship, or in case of the absence of the request for survey — RS Branch Office which is located in the area of permanent operation of the ship, normal surveys of main AMSS may be carried out during other prescribed periodical surveys of a ship. In this case, annual survey of main AMSS is carried out during periodical survey of a ship."

19 **Para 2.11.8.1.7** is replaced by the following text:

"**2.11.8.1.7** Maximum interval between normal surveys of main AMSS shall generally not exceed 5 years. Extension of intervals between normal surveys of main AMSS shall in each case be reviewed by RHO, taking into account the manufacturer's recommendations, and depends on the effectiveness of the main AMSS condition monitoring system used onboard."

20 **Para 2.11.10.4** is replaced by the following text:

"**2.11.10.4** Based on occasional survey results carried out to apply the survey extensions in accordance with 2.11.2.9 or 2.11.3.7, the RS surveyor shall: draw up the Report on Survey of the Ship (form 6.3.10), make entries in the classification section "Memoranda for Shipowners and Surveyors" of the List of Survey's Status on the shafting survey extension with reference to the confirmation letter from RHO or the RS Branch Office, whichever is applicable."

3 OCCASIONAL SURVEYS

21 **Para 3.2.1** is replaced by the following text:

"**3.2.1** When a shipowner has an intent to change the class notation of the ship, its type/subtype, extend area of navigation within the prescribed area, increase the cargo carrying capacity and the number of persons (including the crew, passengers, special personnel, etc.) on board the ship, as well as make modifications to the ship structure ship structure, machinery, electrical installation, equipment, outfit, arrangements, and other items of supervision covered by the RS Nomenclature, the shipowner shall send a request to RHO (for ships of 100 gross tonnage and less — to the RS Branch Office for in-service supervision or the RS Branch Office which is located in the area of permanent operation of the ship) explaining the reasoning behind the changes requested. These changes shall be substantiated, if necessary by an explanatory note, technical calculations, drawings and schemes verifying compliance with the Register relevant requirements. Examples of set of documents for various types of the most frequent changes are given in Table 3.2.1. The final set of documents shall be defined in each particular case based on the estimated changes, RS ND requirements, as well as applicable provisions of international conventions, codes, etc. (refer to also to Section 6 of Part I "General Provisions"). Matters relating to changing of class notation towards decreasing (for example, area of navigation, ice class, unsinkability category (subdivision), etc.), deletion of distinguishing mark, descriptive notation, etc. shall also be reviewed by RHO (for ships of 100 gross tonnage and less — by the RS Branch Office for in-service supervision or the RS Branch Office which is located in the area of permanent operation of the ship). If necessary, the Register may request the shipowner to submit additional documentation containing substantiation of the decision to be made, action plan, and also as regards the equipment, arrangements relating to the distinguishing mark, descriptive notation to be changed/deleted."

22 **Para 3.2.2** is replaced by the following text:

"**3.2.2** Upon results of the request review, Register takes a decision on the possibility of the requested changes in the ship class notation, type/subtype, as well as on extension of area of navigation within the prescribed area, increasing cargo carrying capacity and number of persons on board, based on which conditions for making such changes and scope of occasional survey shall be assigned. In case when the RS Branch Office reviewing the project determines that conversion will be major, and this is confirmed by RHO, the RS Branch Office which has approved this project shall record this information in the conclusion letter and specify to which part/element of the ship this major conversion applies."

23 **Para 3.2.3** is replaced by the following text:

"3.2.3 The scope of occasional survey depends on the estimated changes in the class notation of the ship and the extent of conversion/outfitting/modernization of the ship required for it, as well as necessity to implement additional measures, whichever is applicable. In case of making RS-agreed/approved changes in the number and type of equipment and outfit, as regards other data and items of the RS technical supervision, the RS surveyor shall verify compliance with all necessary requirements concerning the changes to be made. In this case, the RS surveyor shall enter the updated information on the changes made into the relevant RS reporting documents (for example, the Classification Certificate, Equipment Certificate (form 4.1.1), Record of Approved Ship Safety Equipment (form 4.1.2), etc., whichever is applicable).

The RS surveyor carrying out survey of the ship with regard to conversion shall verify information on the nature of conversion specified in the conclusion letter (refer to 3.2.2) and, if the conclusion letter states that conversion is major, he/she shall make an appropriate entry on the date of major conversion concerned in the relevant RS reporting documents (Classification Certificate, statutory certificates issued to the ship, whichever is applicable) and also add this information to the RS electronic databases (with regard to the date of major conversion, description of major portion according to the definition "Date of build of the ship", etc.) in accordance with the established procedure."

4 OTHER SURVEYS

24 **Para 4.5.2.3** is replaced by the following text:

"4.5.2.3 The shipowner shall submit to the RS Branch Office the information on the ship's technical condition and on the assessment of all the ship's parts in accordance with the current normative and instructive documents of the shipowner regulating the procedure for determination of technical condition and further use of the ships with significant wear or major damages. The extent of repair works and standards on spare parts carried on board shall be agreed by the RS Branch Office based on conditions of ensuring the navigation safety for the specified service period till the ship's write-off with regard to the shipowner's proposals on the extent of repair works and service restrictions."

25 **Para 4.8.2.2.3** is replaced by the following text:

"4.8.2.2.3 The expediency of fleet monitoring system implementation for a ship according to 4.8.2.2.2 shall be determined by the RS Branch Office for in-service supervision or the RS Branch Office performing the survey, taking into account the following ship's data, but not limited to:

- age and type of the ship;
- class status history;
- number and nature of the conditions of class (classification requirements) since the previous special survey;
- results of ship's inspection by PSC/FSC for the previous 36 months;
- identified structures with substantial corrosion, doublers;
- inclusion of the ship's flag in the "black list" in one of the port state control regimes, and etc.

Substantiated positive opinion of the RS Branch Office for in-service supervision or the RS Branch Office performing the survey, on fleet monitoring system implementation for a ship shall be submitted to RHO."

PART III. ADDITIONAL SURVEYS OF SHIPS DEPENDING ON THEIR PURPOSE AND HULL MATERIAL

2 SURVEYS OF OIL TANKERS AND COMBINATION CARRIERS

26 **Para 2.2.5.1.1** is replaced by the following text:

".1a tank testing procedure, specifying fill heights, tanks being filled and bulkheads being tested, has been submitted by the shipowner and agreed with the Register prior to the testing being carried out;".

3 SURVEYS OF DOUBLE SKIN OIL TANKERS

27 **Para 3.2.5.1.1** is replaced by the following text:

".1a tank testing procedure, specifying fill heights, tanks being filled and bulkheads being tested, has been submitted by the shipowner and agreed with the Register prior to the testing being carried out;".

4 SURVEYS OF CHEMICAL TANKERS

28 **Para 4.2.5.1.1** is replaced by the following text:

".1a tank testing procedure, specifying fill heights, tanks being filled and bulkheads being tested, has been submitted by the shipowner and agreed with the Register prior to the testing being carried out;".

19 HULL, EQUIPMENT AND MACHINERY SURVEYS OF MODU AND FOP

29 **Para 19.2.2.1.5 (until para 19.2.2.1.5.1)** is replaced by the following text:

"19.2.2.1.5 In advance of each special survey prescribed, the MODU/FOP owner shall, in co-operation with the Register, work out a specific survey programme or the Programme under Continuous Survey System (hereafter, the Programme) for every MODU/FOP type in service provided the MODU/FOP is covered by the above system. The survey shall not start before the Programme has been agreed with the Register. The Programme shall consider all the amendments applicable to the survey requirements which have come into force after the date of the latest special survey. The Programme shall be submitted to the RS Branch Office for in-service supervision or to the RS Branch Office which will perform the MODU/FOP survey, not later than 1 month before the prescribed special survey date. Where it is planned to submit the MODU/FOP before the due date, the Programme shall be submitted 1 month before the planned survey date.

The Programme shall be in a written format and contain at least the following information:"

the rest remaining as it stands.

30 **Para 19.2.3.2.2.3. Note** is replaced by the following text:

"Note: At the 1st annual survey after construction, column-stabilized and self-elevating units are subject to examination of primary structural elements including, as deemed necessary by the RS surveyor, non-destructive testing. If the RS surveyor deems such survey to be necessary, the extent shall be agreed between the Register and the owner (operator) prior to commencement of the survey."

31 **Para 19.2.2.1.6** is replaced by the following text:

"19.2.5.1.6 Notwithstanding the provisions of 19.2.5.1.3, upon the owner's written request, the in-water survey according to 19.2.5.2.3 may be accepted upon the RHO decision as

an alternative to a bottom survey in dry dock. The decision shall be made based on the requirements of 2.5.1.8, Part II "Survey Schedule and Scope" and 19.2.5.1.7 of this Part."

ANNEXES TO THE RULES FOR THE CLASSIFICATION SURVEYS OF SHIPS IN SERVICE, 2020,

ND No. 2-020101-012-E-Ann

ANNEX 2. INSTRUCTIONS FOR DETERMINATION OF THE TECHNICAL CONDITION AND REPAIR OF THE HULLS OF SEA-GOING SHIPS

32 **Para 1.1.1** is replaced with the following text:

"1.1.1 The present Instructions for Determination of the Technical Condition and Repair of the Hulls of Sea-Going Ships¹ contain regulations for determining the technical condition and recommendations for repairing the hulls of displacement ships in service that are subject to the technical supervision of the Register. For **CSR** ships, permissible wear limits shall be only in accordance with the IACS Common Structural Rules (depending on which IACS Common Structural Rules apply based on the date of build of ship).

The provisions of the Instructions apply to the hulls, superstructures and deckhouses of steel ships and, unless expressly provided otherwise, to superstructures and deckhouses made of aluminum alloys.

The Instructions apply to ships whose purpose, dimensions and design are covered by the Rules for Construction. For ships for which the reduced as-built scantlings have been approved by the Register in accordance with the Rules for Construction, the permissible residual scantlings shall be calculated based on the scantlings determined in accordance with the Rules for Construction for a 25-year ship service life.

The provisions of these Instructions shall not apply to small vessels.

For polar class ships, permissible wear limits for hull structures in the regions of ice-strengthening including plated elements, girder webs and face plates shall be in compliance with the requirements of Section 1, Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for the Classification and Construction of Sea-Going Ships, for example, refer to 1.2.11.

¹Hereinafter referred to as "the Instructions".