



# RUSSIAN MARITIME REGISTER OF SHIPPING

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**CIRCULAR LETTER**

**No. 340-04-1732c**

dated 31.03.2022

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Re:

amendments to the Guidelines on Technical Supervision of Ships in Service, 2022, ND No. 2-030101-009-E

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Item(s) of supervision:

ships and offshore installations in service

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Entry-into-force date:

**from the date of publication**

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Number of pages:

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Appendices:

Appendix 1: information on amendments introduced by the Circular Letter

Appendix 2: text of amendments to Section 5, Part II "Carrying out Classification Surveys of Ships"

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Director General

Konstantin G. Palnikov

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Text of CL:

We hereby inform that the Guidelines on Technical Supervision of Ships in Service shall be amended as specified in the Appendices to the Circular Letter.

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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 the provisions of the Circular Letter during surveys of ships and offshore installations in service from the entry-into-force date of the amendments.
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List of the amended and/or introduced paras/chapters/sections:

Part II: Section 5

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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, Section 5	Section has been revised in connection with the amended requirements for acceptance of ships in service into the RS class	340-04-1732c of 31.03.2022	31.03.2022

## **GUIDELINES ON TECHNICAL SUPERVISION OF SHIPS IN SERVICE, 2022,**

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

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

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

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

This Section has been developed to detail the requirements of 1.2, Part II "Survey Schedule and Scope" of the Rules considering the provisions of the IACS Procedural Requirements, IMO requirements and Regulation (EC) No. 391/2009.

#### **5.1 DEFINITIONS AND GENERAL PROVISIONS**

##### **5.1.1 Definitions.**

In addition to the definitions given in Section 2, Part I "General Provisions" of the Guidelines the following definitions have been adopted.

**Classification Society subject to verification of compliance with QSCS** means a Classification Society having certified its quality management system in accordance with a Quality System Certification Scheme (QSCS), for example, IACS QSCS, which shall be confirmed by the appropriate document.

**Flag State MA** means a Maritime Administration of a ship's Flag State.

**RF MA** means the Maritime Administration of the Russian Federation represented by the Department of the State Policy for Maritime and Inland Waterways Transport of the Ministry of Transport of the Russian Federation.

**Small craft** means a ship flying the RF flag, not longer than 20 m with a total quantity of persons on board not exceeding 12.

**Outstanding** means still to be dealt with in the specified time.

**Risk assessment** means calculation of the ship's risk indicator and its review in compliance with "Ship Risk Assessment Procedure".

**First Classification Certificate** means either Interim Classification Certificate or Full Term Classification Certificate or another Certificate serving the same purpose.

**Periodical surveys for class maintenance** are special, annual and intermediate surveys carried out to confirm/renew the class at due dates in accordance with the set anniversary date.

**At ship delivery** means that the new construction survey process is completed, the first Classification Certificate is delivered and the ship has not departed from the yard.

**Acceptance of a ship in service into the RS Class** means transfer of class (in the context of the change of Classification Society) or assignment of class to a ship in service.

**Gaining Society** means a Classification Society which accepts a ship for its classification.

**Assignment of the RS Class to a ship in service** means definition of the process given in 2.1 of Part I "General Provisions" of the Rules.

**Overdue conditions of class** mean overdue conditions on the date the losing Society receives the request by the gaining Society for its current classification survey status.

**Transfer of class** is definition of the process given in 2.1, Part I "General Provisions" of the Rules.

Inland waterway ship is a ship intended solely or mainly for navigation on inland waterways.

Non-compliant ship means a ship not classed with an ACS subject to verification of compliance with QSCS or not in compliance with all applicable and relevant IACS Resolutions.

Compliant ship means a ship classed with an ACS subject to verification of compliance with QSCS and in full compliance with all applicable and relevant IACS Resolutions.

Losing Society means the Classification Society from which class is being transferred. If the ship is classed by more than one Society, the losing Society means all Classification Societies from which class is being transferred.

Technical Committee (TC) is a Technical Committee of the Register acting in accordance with the Regulations for Technical Committee.

## **5.1.2 General.**

**5.1.2.1** The provisions of the present Section shall cover the process of the initial survey of a ship in service in order to be accepted into the RS class with the issuance of the Classification Certificate.

**5.1.2.2** The procedure for acceptance of a ship into the RS class shall consist of two stages:

**.1** the first stage includes:

review of a shipowner's written application (refer to 5.1.3);

assessment of expediency of acceptance of ship into the RS class (refer to 5.1.4);

assessment of the ship's compliance with the Rules for Construction (refer to 5.1.5);

review of nonconformities to the RS Rules for the Construction detected in the process of the ship's technical appraisal (refer to 5.1.6);

**.2** the second stage includes organization and performance of initial survey of a ship within the scope as prescribed (refer to 5.1.7).

**5.1.2.3** Each of the stages of the procedure for acceptance of a ship into the RS class shall be carried out with conclusion of an appropriate agreement prescribing prepayment for the RS services in a certain amount.

**5.1.2.4** All decisions on application of the requirements in 5.1.3 to 5.1.7 for ships of less than 100 gross tonnage not classed by ACS – IACS member shall be taken by the RS Branch Office for in-service supervision and the RS Branch Office performing the survey.

## **5.1.3 Shipowner's application review.**

**5.1.3.1** A written application on acceptance of a ship into the RS class (in arbitrary form) shall be sent by the shipowner to RHO. The application shall contain the following:

Particulars of ship:

name;

IMO Number;

availability of the valid ACS class;

the existing flag/new flag (in case of the flag change at the acceptance of the ship into the RS class);

year and place of the ship construction;

gross tonnage (refer to International Convention on Tonnage Measurement of Ships, 1969 (ITC- 69));

overall length;

specification of the purpose and intended service area (where necessary);

documented confirmation of the ownership right/controlling of the ship (where available) or the scheduled terms of its issuing;

company's information, including:

description;

address;

phone, fax, e-mail;

position, name and surname of the head and contact person of the company.

**5.1.3.2** The application review, consideration of the possibility to start the procedure for acceptance of a ship into the RS class shall be carried out by RHO.

**5.1.3.3** The application review shall include consideration of all the accessible and trustworthy information on the ship such specified below but not limited:

type, age, Data Sheet;

availability of the valid ACS Class subject to verification of compliance with QSCS;

history of classification and nationality of a ship;  
the statistics of a ship's detentions by port/flag authorities within the last 36 months;  
information on the shipowner;  
the results of ship's compliance with the Rules for Construction (refer to 5.1.5) except for the ships with valid ACS class subject to verification of compliance with QSCS;  
the statement of identification and examination of the ship during its registration under the state flag of the Russian Federation (refer to 4.2.2.2, Part III "Survey of Ships in Compliance with International Conventions, Codes, Resolutions and Rules for the Equipment of Sea-Going Ships").

**5.1.4 The decision on the possibility to start the procedure for acceptance of the ship into the RS class shall be admitted by TC based on the review results (refer to 5.1.3.3).**

In case of the satisfactory decision made by TC, RHO shall notify the shipowner of the information on the decision made, as well as of the conditions and the procedure for assignment of the RS class in compliance with this Section within 3 working days.

**5.1.5 Assessment of ship's compliance with the Rules for Construction.**

**5.1.5.1** The ships regardless of age except for the ships with the valid ACS class – ACS subject to verification of compliance with QSCS subject to the assessment aimed at determining the degree of a ship's compliance with the RS rules.

**5.1.5.2** The assessment of ship's compliance with the Rules for Construction as well as other RS rules (also refer to 4.1, Part III "Survey of Ships in Compliance with International Conventions, Codes, Resolutions and Rules for the Equipment of Sea-Going Ships"), shall be performed with no obligations on the part of the Register on subsequent acceptance of a ship into the RS class.

**5.1.5.3** The assessment of the ship shall be performed upon authorization by RHO in compliance with the attached check-lists or in arbitrary form as defined in the Agreement.

**5.1.5.4** The RS exclusive surveyors of relevant specialties and with the adequate qualification to perform initial surveys of ships in service shall be invited to carry out the assessment in the number enough for its complete and qualitative performance with regard to ship's characteristics affecting the complexity of work performance.

**5.1.5.5** To provide assessment of ship's compliance with the Rules for Construction on board the shipowner shall submit the plans showing the main scantlings and general arrangement of a ship to the RS surveyors.

The RS surveyor has the right to demand additional plans, diagrams and other ship's documentation.

**5.1.5.6** While conducting the assessment of the ship the scope of conformity of its hull, ship's equipment, arrangements and outfit of the machinery installation and refrigerating plant as well as of electrical equipment to the applicable requirements of the Rules for Construction and other RS rules shall be determined in respect of the regulated features and characteristics, structures and mandatory list of items, their location and installation, subject to availability of the modifications in the hull structures or equipment on the basis of plans submitted for the assessment.

**5.1.5.7** As per the results of the assessment the RS surveyors shall issue the Report on Ship's Technical Appraisal (refer to the Appendix I of the present Section).

Nonconformities with the RS Rules detected while conducting the assessment shall be subject to review in compliance with 5.1.6. A list of nonconformities if any issued in compliance with 5.1.6.4 shall be an integral part of the Report.

In case of any modifications to ship's structure or list of ship's items as compared to the plans submitted for the assessment, the annexes to the Report on Assessment of Ship's Compliance with the Rules for Construction shall be issued in an arbitrary form with indication of the modifications.

**5.1.5.8** The Report on Assessment of Ship's Compliance with the Rules for Construction (refer to 5.1.5.7) shall be delivered to the shipowner.

**5.1.5.9** In addition for submersible, semi-submersible and self-elevating Mobile Offshore Drilling Units (MODU) and Fixed Offshore Platforms (FOP) and other units (pontoons, platforms, islands, etc.) resting on a seabed and which may be transferred and installed on a new place, the owner of MODU/FOP shall be notified in written about necessity of elaboration and submission to RHO for review the following documentation before beginning of the Initial survey according to 5.1.7:

verification of compliance of hull structures of MODU/FOP with the requirements of Part II "Hull" of the Rules for the Classification, construction and Equipment of MODU/FOP.

#### **5.1.6 Review of nonconformities detected during assessment of ship's compliance with the RS Rules for Construction.**

**5.1.6.1** All nonconformities with the RS Rules identified in the process of the assessment shall be subject to the review in terms of their applicability to a specific ship depending on its particulars, including the date of construction.

**5.1.6.2** The review shall be conducted by the RS surveyors carrying out the assessment.

**5.1.6.3** The review of nonconformities shall constitute the assessment of applicability of the detected nonconformities with the requirements of the Rules for Construction valid on the date of the ship's construction unless otherwise is specified in the following issues of the Rules for Construction.

**5.1.6.4** As per the review results, the List of the ship's nonconformities to be eliminated shall be issued for it to be brought to conformity with the RS Rules. The List of the ship's nonconformities shall be attached to the Summary Report on Assessment of Ship's Compliance with the Rules for Construction issued in compliance with 5.1.5.7.

**5.1.6.5** The Summary Report on Assessment of Ship's Compliance with the Rules for Construction with the attached List of nonconformities and check-lists shall be forwarded to RHO for review and checks.

List of nonconformities finally agreed by RHO shall be forwarded to the shipowner informing that to eliminate the nonconformities specified is a mandatory requirement for acceptance of a ship into the RS class.

**5.1.6.6** Provided an intention of transferring the ship to the RS class appears, the shipowner shall confirm in writing his willingness to eliminate all the nonconformities detected specified in the List of nonconformities as well as develop actions to eliminate them.

**5.1.6.7** Actions for elimination of nonconformities shall be subject to review by the RHO specialized departments or the RS Branch Office on an individual authorization by RHO in the scope of technical documentation on bringing the ship in compliance with the requirements of the applicable Rules for the Construction (refer to 5.3.3.2).

#### **5.1.7 Initial survey of a ship.**

**5.1.7.1** Ship's initial survey shall be performed only upon the RHO authorization:  
during transfer of a class for the Compliant Ships (refer to 5.2);  
during transfer of a class for the Non-Compliant Ships (refer to 5.3).

## **5.2 TRANSFER OF CLASS FOR THE SHIP**

**5.2.1** The provisions of this Section determine the procedure during transfer to the RS class for ships reported as compliant by the losing Society.

**5.2.1.1** These requirements shall apply:

.1 during compliant ship's transfer of class from one Society (losing Society) to the RS class (gaining Society);

.2 to ships any type over 100 gross tonnage: self-propelled or non-self-propelled, of restricted area of navigation or unrestricted area of navigation, except for inland waterway ships;

.3 applicability of the requirements of the Chapter to the ships of 100 and below gross tonnage, except for small craft shall be determined by RHO in each particular case.

**5.2.1.2** Transfer of class of the ship shall be performed only under the TC decision (refer to 5.1.4.).

**5.2.1.3** The survey performance shall not start before receipt of official authorization for transfer of class from RHO.

**5.2.1.4** The monitoring of the procedure for ship's class transfer shall be carried out by RHO.

**5.2.1.5** The estimated class notation of the ship shall be determined by RHO when preparing the information to the shipowner on the conditions and procedure for the RS class assignment in compliance with 5.2.2.1 based on the review results of the available data of the ship (Ship's Survey Status of the losing Society, classification certificate, etc.).

## **5.2.2 Obligations of the Register being the gaining Society.**

**5.2.2.1** At receipt of shipowner's request for ship's class transfer for the RS class, RHO shall immediately notify the shipowner that:

.1 the relevant surveys specified in 5.2.3.3 and 5.2.3.4, shall be completed before the RS class is assigned to the ship;

.2 a Classification Certificate may be issued only after the gaining Society (Register) completes in full all the overdue surveys and all the overdue conditions of class issued against the ship by the losing Society;

.3 all the outstanding conditions of class issued by the losing Society shall be carried out by their due dates;

.4 the issuance of a Classification Certificate is conditioned upon submitting copies of the plans listed in 5.2.3.10 to the Register. If the Shipowner is unable to submit all of the required plans, it shall be recommended to make a request directly to the losing Society on provision the lacking plans on its demand.

**5.2.2.2** Prior to issuing the Classification Certificate, the Register shall obtain a written application from shipowner for transfer of class issued in an arbitrary form (refer to 5.1) together with the attached current classification Survey's Status of the losing Society or an authorization to the Register to request for the current status of ship's classification surveys in English (Form 7.1.24) and copies of the documents of the losing society (according to the RHO decision).

If the shipowner applies to the RS Branch Office, the request shall be sent to RHO within a working day since its receipt. In the event the request contains the name of a new shipowner, the document confirming his/her full property right to ship (e.g. a bill of sale) shall be provided.

**5.2.2.3** RHO shall send a request for additional instructions to the Flag State MA concurrently together with an authorization for carrying out a survey to the RS Branch Office. The RHO authorization shall at least contain conditions of class transfer, scope of survey for the class in compliance with 5.2 or 5.3, as applicable, and other information as decided by RHO. During preparation of the RHO authorization all known negative factors related to ship's history (refer to 5.1.3.3) as well as conditions of class, imposed by the losing society (refer to 5.2.2.1.3), if any, shall be taken into account. When received, the additional instructions of the Flag State MA shall be promptly forwarded to the RS Branch Office.

**5.2.2.4** The Register shall not issue the Classification Certificate or other documents permitting ship's operation in the following cases:

.1 until all the overdue surveys and all the overdue conditions of class previously issued against the ship, as stated by the losing Society for the shipowner, are carried out by the Register:

.2 until all the relevant surveys specified in 5.2.3.3 and 5.2.3.4 are carried out.

If an opportunity of carrying out at the first port of call is unavailable, the short-term Classification Certificate may be issued provide the ship with an opportunity to proceed directly where the surveys required in 5.2.3.2 shall be completed.

In such cases the surveys specified in 5.2.3.2 shall be carried out to the maximum possible extent at the first port of survey. In any case their extent shall not be inferior to the scope of an annual survey with regard to the ship's hull and to the scope of machinery surveys as required 5.2.3.4.

.3 until the Flag State MA is presented with an opportunity to provide the Register within three working days with further instructions in compliance with the provisions of Article 10(5), Regulation (EC) No. 391/2009.

**5.2.2.5** The assignment of a class notation to the ship shall be confirmed by RHO upon receipt of the RS Branch Office request for giving the distinctive number in compliance with the RS prescribed procedure.

Changing of the confirmed class notation shall be performed according to 3.2, Part II "Survey Schedule and Scope" of the Rules.

**5.2.2.6** Unless the shipowner has submitted the plans in compliance with 5.2.3.10 by the survey completion the Register may issue a Classification Certificate only for the time period until the next special classification survey of the ship.

Herewith, the RS documents shall contain the condition of class on submitting copies of missing documents in electronic format until the next classification (annual/intermediate/special, whichever comes first) survey of the ship, but not more than a year.

In this case, the following entry shall be made in the Section "Memoranda" of the Summary Report on Ship's Transfer of Class (Form 6.3.50): "The Shipowner has submitted the incomplete set of the plans". This entry is made in the ship's List of Survey's Status (Form 6.3.51-1).

**5.2.2.7** All conditions of class listed in the losing Society List of Survey's Status shall be identified as follows:

**.1** fulfilment of the losing Society's conditions of class shall be confirmed by the Register individual Reports on Survey of the ship (Form 6.3.10), and also by the Summary Report on Ship's Transfer of Class (Form 6.3.50) with the mandatory identification of the conditions of class according to the ship's Survey's Status of the losing Society.

If postponing the term of meeting with the conditions of class of the losing Society in connection with the Shipowner's inability or due to a number of other good reasons, the RS Branch Office shall turn to RHO for further actions with the losing Society to be agreed;

**.2** all the losing Society's remaining conditions of class, of which the due date has not expired yet, shall be clearly indicated in the Summary Report on Ship's Transfer of Class (Form 6.3.50) and in ship's List of Survey's Status (Form 6.3.51-1) with their due dates retained;

**.3** any additional information for the shipowner and/or surveyor (Memoranda) in the losing Society Survey Status, which is applicable to the ship in accordance with the Rules for Construction, shall be entered in the Summary Report on Ship's Transfer of Class (Form 6.3.50) and later on in the ship's List of Survey's Status (Form 6.3.51-1).

On entering the information in the Summary Report on Ship's Transfer of Class, a first-hand copy from the losing Society's Survey's Status may be used as a mandatory attachment to the Summary Report on Ship's Transfer of Class (Form 6.3.50), and the presence of such attachment shall be referred to in Section "Memoranda" of the Report.

**5.2.2.8** When a Classification Certificate is issued, the RS Branch Office within a working day shall send a copy of the Summary Report on Ship's Transfer of Class (Form 6.3.50) and ship's List of Survey's Status (Form 6.3.51-1);

within 10 working days a copy of the set of documents issued to the ship under the survey results for check to RHO and to the RS Branch Office for in-service supervision.

RHO shall inform the losing Society of the date of its issue within a month since issuing the Classification Certificate.

**5.2.2.9** Any additional information with regard to outstanding surveys or conditions of class provided by the losing Society shall be handled in accordance with 5.2.2.4 and 5.2.2.7, as applicable. When such additional information is received after issuing the Classification Certificate, any overdue surveys or overdue conditions of class shall be carried out by the Register at the first port of call.

**5.2.2.10** The Register shall draw up a Classification Certificate for the duration of the Classification Certificate issued by the losing Society retaining the existing dates of periodical surveys, or for the full term, if an initial survey has been carried out to the extent of a special survey for all parts and the Register conditions of class affecting the Classification Certificate duration are unavailable.

**5.2.2.11** Issuing a Classification Certificate, the RS Branch Office in charge of transfer of class shall send documents to RHO.

After issuing a Classification Certificate, RHO shall notify the Flag State MA on the date of issue, as appropriate.

**5.2.2.12** The information on carrying out all overdue surveys and all overdue conditions of class according to 5.2.2.8 and 5.2.2.9 shall be indicated in Appendix to the Summary Report on Ship's Transfer of Class (Form 6.3.50) with indication of actions taken for their fulfillment (refer to Appendix 14).

### **5.2.3 Technical requirements.**

For transfer of class to the Register, the following technical requirements shall be applied the minimum extent of which is set forth in 5.2.3.1 to 5.2.3.13 below.

#### **5.2.3.1 Plans.**

The Register shall request from the Shipowner the copies of plans showing the main scantlings and the general arrangement of the specific ship and its machinery, as well as any proposals for alterations being dealt with, from the Shipowner.

Receipt of the of the plans listed in 5.2.3.10, or equivalent, alternative technical data in lieu of specific plans or specifications shall be identified to the Shipowner as a prerequisite to issuing a Classification Certificate. The above plans or equivalent alternative technical data shall be submitted to the Register in electronic format.

If the set of drawings submitted is incomplete, the RS documents shall contain a condition of class on submitting copies of missing drawings by the time of the ship following next

classification (annual/intermediate/special, whichever comes first) survey, but not more than a year.

However, having made a good faith effort to obtain the lacking plans or their equivalents, if it is proved not practicable to acquire certain plans listed in 5.2.3.10 by the due date, the Register may issue the Full Term Classification Certificate stating therewith in the Report on Survey of the Ship that the ship is being accepted into class on the basis of a recorded internal review of the circumstances prevailing with respect to unavailability of plans. The Report shall be provided with a document issued by the shipowner in an arbitrary form. The document shall contain the reasons explaining the absence, lack of plans, relevant diagrams, description of the technical supervision items not covered by the required plan specifying the necessary technical parameters regulated by the Rules, scantlings, material, manufacturer and date of manufacture.

The data on the item of technical supervision shall be taken from the ACS certificates, Manufacturer manuals and other documents available on board. A need for submitting plans for the ships built to be classed by the Register shall be agreed with the RS Branch Office for Supervision in Service, the data forwarded to RHO.

Following transfer of class the plans submitted by the shipowner during survey of the ship shall be sent to the RS Branch Office upon the completion of procedure of transfer of class are forwarded to the RS Branch Office for Supervision in Service or RHO, the ship being in service under the RHO technical supervision.

#### **5.2.3.2 Class entry surveys.**

**5.2.3.2.1** Notwithstanding the reports indicating that all the surveyed items meet the specified requirements, a class entry survey shall be carried out by the Register, the minimum extent of which shall be based on the age of the ship and its classification survey's class status as determined by the losing Society, as follows below.

**Note.** A class entry survey (hereinafter referred to as the survey) may be, but not required to be, credited as a specified periodical survey for confirmation of a class.

Conditions of class due for compliance at a specified periodical survey for maintenance of classification need not be carried out/complied with at the class entry survey unless:

the class entry survey is credited as the specified periodical survey for maintenance of classification;

conditions of class are overdue.

**5.2.3.2.2** Where it is impossible to attend the ship, at the shipowner's request consideration may be given by the Register to carry out the remote initial survey in accordance with 4.15, Part I "General Provisions" of the Rules.

Herewith, the conditions for conducting such remote survey shall be agreed by RHO with ship's Flag State MA.

Additional instructions on performing remote survey, if necessary, are given in the RHO authorization.

#### **5.2.3.3 Hull class entry survey:**

**.1** ships aged under 5 years shall be surveyed to the extent of an annual survey;

**.2** for ships between 5 and 10 years of age the survey shall include an annual survey and inspection of a representative number of ballast spaces;

**.3** for ships of 10 years of age and above but less than 20 years of age, the survey shall include an annual survey and inspection of a representative number of ballast tanks and cargo spaces, except for:

for gas carriers, in lieu of internal inspection of cargo spaces, the following applies:

inspection of surrounding ballast tank(s) and void spaces, including external inspection of independent cargo tank(s) and associated supporting systems as far as possible;

review of cargo log books and operational records to verify the correct functioning of the cargo containment system;

for chemical carriers of 10 years of age and above but less than 15 years of age, in lieu of an internal inspection of cargo tanks without internal stiffening and framing, inspections of surrounding ballast tank(s) and void spaces and deck structure, shall be applied.

**.4** for oil tankers, bulk carriers (including ore carriers and combination carriers) and chemical tankers aged 15 years and above but less than 20 years, the survey shall have the scope of a special or intermediate survey, whichever is due next;

**.5** for all ships aged 20 years and above, the survey shall have the scope of a special survey (also applicable to the ships which have their hull under continuous survey);

**.6** the following shall be applied to floating production storage and offloading units (FPSO) and/or floating storage and offloading units (FSO):

ships aged under 5 years, the survey have the scope of an annual survey;

for ships aged between 5 and 10 years the survey shall include an annual Survey and inspection of 20 per cent of the ballast tanks;

for ships aged between 10 and 20 years, the survey shall include an annual survey and inspection of 20 per cent of ballast tanks and 20 per cent of cargo spaces;

for ships aged 20 years and over the survey shall have the scope of a special survey;

**.7** for site specific Floating Production, Storage and Off-loading units (FPSO) and/or Floating Storage and Offloading units (FSO) which have been converted from other ships, the survey shall take the form of an annual survey and also indicate inspection of 20 per cent of ballast spaced and 20 per cent of cargo spaces until 20 years have elapsed since conversion;

after 20 years the survey shall have the scope of a special survey;

**.8** in the context of applying the requirements specified in 5.2.3.3.4 and 5.2.3.3.5, if a docking survey of a ship is not due at the time of transfer of class, consideration may be given to carrying out an in-water survey in lieu of docking survey.

If the docking survey at the time of transfer of class is overdue, this survey shall be carried out (the in-water survey is not allowed);

**.9** in the context of applying the requirements specified in 5.2.3.3.1 — 5.2.3.3.6 as applicable:

**.9.1** if the survey is credited as a periodical survey for maintenance of class, the Register may consider the acceptance of thickness measurements taken by the losing Society provided they were carried out within the applicable survey window specified for the periodical survey in question;

**.9.2** if the survey is not credited as periodical for maintenance of class, Register may consider the acceptance of thickness measurements taken by the losing Society provided they were carried out:

within 15 months prior to completion of class entry survey when it is in the scope of a special survey;

within 18 months prior to completion of class entry survey when it is in the scope of an intermediate survey;

**.9.3** in both cases the thickness measurements shall be reviewed by the Register for compliance with the acceptable survey requirements, and confirmatory gauging shall be taken to the satisfaction of the Register;

**.10** in the context of applying the requirements specified in 5.2.3.3.3 — 5.2.3.3.6, as applicable, tank testing for ships aged over 15 years is not required to be carried out as part of the class entry survey unless the class entry survey is being credited as a periodical survey for maintenance of class. If the class entry survey is to be credited as periodical survey for maintenance of class, consideration may be given by the gaining society to the acceptance of the tank testing carried out by the losing Society provided they were carried out within the applicable survey window of the periodical survey in question;

**.11** in the context of applying the requirements specified in 5.2.3.3.1 to 5.2.3.3.6, as applicable, compliance with IACS Unified Requirements that require compliance at the forth coming due periodical surveys is not required to be carried out/completed as part of the class entry survey unless the class entry survey is credited as a periodical survey for maintenance of class;

**.12** rolling out, examination and measurement of anchors and anchor chains in the contest of applying the requirements specified in 5.2.3.3.4 and 5.2.3.3.5 for ships aged over 15 years are not required to be carried out unless the class entry survey is being credited as a periodical survey for maintenance of class.

If the class entry survey is credited as a periodical survey for maintenance of class, the gaining Society may consider the acceptance of the examination and measurement of anchors and anchor chains taken by the losing Society provided they were carried out within the applicable survey window specified for the periodical survey in question;

**.13** all the requirements within the assigned intermediate or special survey at the acceptance of the ship into the RS class as specified in the appropriate provisions of 5.2.3.3, where not otherwise permitted by the exceptions given in paras 5.2.3.3.8 — 5.2.3.3.12.

In compliance with 5.2.3.3.8 at the acceptance of the ship into the RS class in the context of applying the requirements specified in 5.2.3.3.4 and 5.2.3.3.5, if a docking survey of a ship is not due at the time of transfer of class, consideration may be given to carrying out an in-water survey (actually, verification) in lieu of docking survey. Such a survey shall be performed within the relevant survey with regard to the ship's hull and in this case the performed in-water survey (verification) may not be credited as the full/completed in-water survey unless it is carried out in full scope in compliance with the requirements of 2.5, Part II "Survey Schedule and Scope" of the Rules for the in-water survey of the ship's bottom (regarding not only the ship's hull – refer to 2.5.7, 2.5.8, Part II "Survey Schedule and Scope" of the Rules).

The provisions of 5.2.3.3.9 have considered the possible acceptance of thickness measurements earlier taken by the losing Society under the losing Society's supervision within the acceptance of the ships into the RS class from ACS – IACS member. So, in cases not referred to in 5.2.3.3.9, 5.2.3.3.9.1 — 5.2.3.3.9.3, extension of terms of fulfillment/crediting of thickness measurements is not allowed within the survey for acceptance of a ship into the RS class. During survey of ship the RS surveyor shall follow the applicable provisions of the Rules enabling to reduce the extent of thickness measurements (for example, if the hard protecting plating is in GOOD condition in the relevant ship spaces) or apply alternative methods if thickness measurements of hull structures are carried out during the in-water survey (refer to 2.5.8 of Part II "Survey Schedule and Scope" of the Rules and 3.3.1 of Annex 1 to the Guidelines).

If the surveys for the acceptance of the ships into the RS class are carried out in scope of periodical survey (for example, in scope of special survey No.3) and not credited as periodical surveys while complying with provisions 5.2.3.3.4 and 5.2.3.3.5 during the survey it is not required to apply the following provisions, if applicable:

Section 1.6, Part III "Additional Surveys of Ships Depending on their Purpose and Hull Material" of the Rules and/or

performing assessment/thickness measurements of hull structures in compliance with Section 5 of Part III "Additional Surveys of Ships Depending on their Purpose and Hull Material" of the Rules;

**.14** in addition to 5.2.2.3 and 5.2.2.7 the survey status received from the losing Society, shall also be implemented to establish the schedule of subsequent surveys. Based on the results of the survey status review, the Register may credit the classification surveys earlier taken by the losing Society and shown as completed in whole or in part (for example, in respect of the machinery installation survey). If the classification surveys have been completed in part by the losing Society, the Register may review this evidence in each particular case, and if the sufficient information is provided with the documentary evidence that the survey was completed in whole or in part (in the survey status, in the records of the losing Society), the Register may credit its results with or without the requirements. Final decision on possible credit for any given surveys taken by the losing Society shall be reviewed by RHO in each particular case;

**.15** in the context of exchange of information between the Classification Societies, in particular, information on critical structural areas. Information on the availability and the list of critical structural areas specified by the losing Society shall be included in the ship construction file (SCF). At the acceptance of the ship into the RS class, the RS surveyor shall pay a special attention at the provision of such information on board the ship and, if any, carry out examination of such areas, make a corresponding entry of information on the examination and available areas into RS records and the ship survey status (short information on the available critical structural areas with reference to the documents (identification number of the document, title, etc.), where they are listed);

**.16** despite the necessity to fulfill 5.2.3.3.4 — 5.2.3.3.9 where there are relevant instructions of the Flag State MA, under which flag the ship shall be operated, the final decision on the scope of survey for class assignment shall be made by RHO in each particular case based on the review results of the current survey status of the losing Society and documents confirming technical condition of the items of technical supervision as well as other available information on ship submitted by the shipowner.

#### **5.2.3.4 Machinery class entry survey.**

A general examination of all essential machinery shall be held and shall include:

- .1** verification of the adjustment of all safety valves of pressure vessels, steam boilers, economisers and steam generators, as well as operation test of oil burning equipment of boilers;
- .2** check of all pressure vessels;

- .3 insulation resistance, generator circuit breakers, preference tripping relays and generator prime mover governors shall be tested and paralleling and load sharing shall be proved;
- .4 in all the cases navigating lights and indicators shall be examined and their working and alternative sources of power verified;
- .5 bilge pumps, emergency fire pumps and remote control for oil valves, oil fuel pumps, lubricating oil pumps and forced draught fans shall be examined under working conditions;
- .6 recirculating and ice clearing arrangements, if any;
- .7 mooring trial of the main and all auxiliary machinery necessary for operation of a ship at sea together with essential controls and steering gear.

Alternative means of steering shall be tested. A short sea trial shall be held at the RS surveyors' discretion if the ship has been laid up for a long period;

- .8 check of initial start arrangements;
- .9 in case of oil tankers, a cargo oil system and electrical installation in way of hazardous spaces shall be checked for compliance with the Rules requirements.

Where intrinsically safe equipment is installed, the RS surveyors shall satisfy themselves that a recognised authority has approved such equipment. The safety devices, alarms and essential instruments of an inert gas system shall be verified and the very plant generally examined to ensure that it does not constitute a hazard to the ship.

Note. For the transfer of class or adding class at ship's delivery, 5.2.3.4.3 and 5.2.3.4.9 may be verified by reviewing the ship's record.

**5.2.3.5** Assessment of technical condition of ship's hull structures shall be carried out in accordance with Section 5, Part I "General Provisions" of the Rules.

For assessment of technical condition of hull structures of MODU/FOP it is necessary to follow the applicable requirements of Section 19, Part III "Additional Surveys of Ships Depending on Their Purpose and Hull Material" of the Rules.

**5.2.3.6** Operational (ship) documentation on stability and, if applicable, strength shall be submitted by shipowner or authorized shipowner's representative to the RS surveyor, carrying out the survey of the ship, to check its content as follows (as applicable):

- Loading manual;
- Stability Booklet;
- Grain Loading Stability Information;
- Non-Grain Bulk Cargo Loading Stability and Strength Information;
- Damage Trim and Stability;
- Manual of operation (for MODU/FOP);

Inclining test/Lightweight survey report or relevant summarized document, approved by the previous Flag State MA or organization authorized by the Flag State MA.

Thus, the following shall be checked, as a minimum:

information on major ship's conversion or modernization, repairs, replacement of machinery, equipment, arrangements and outfit that could lead to alterations in the ship's lightship parameters;

availability of all necessary documentation, availability of stamps on approval of documentation by ACS subject to verification of compliance with QSCS or the Flag State MA (where required), and also for compliance with which documents the documentation has been developed and approved (performance of the applicable requirements of the RS rules, SOLAS-74 as amended, International Code on Intact Stability, International Code for the Safe Carriage of Grain in Bulk, etc.);

availability of the stability calculation with regard to icing conditions (established by the LL- 66/the Load Line Rules for Sea-Going Ships on ships for ships operating within a seasonal winter zone in winter);

availability of translation into working language of the crew, etc.

The following documents shall be additionally submitted for verification of the damage stability documentation:

Plan of subdivision showing all watertight structures and openings with indication of types of closing appliances;

- Calculations of sectional areas of cross-flooding fittings and of uprighting time;
- Ballast and bilge system plan;
- General arrangement plan;

### Diagram of Watertight Compartments (Capacity plan).

In the absence of comments, information on ship's conversion, modernization and alterations the relevant stability/strength documentation on board a ship shall be subject to approval by the RS surveyor carrying out the survey (if approval is required by the Flag State MA or according to the RS rules) and shall be stamped by him appropriately based on the letter of conclusion.

If any deficiencies or lack of necessary information are found in the ship's documentation on stability/strength, the documentation on board may be temporarily approved (by the corresponding stamping based on the letter of conclusion) by the RS surveyor carrying out the survey for a period not exceeding the upper limit of the "window" of the next nearest classification survey i.e. annual/intermediate/special depending on what comes first, but not more than 12 months from the date of assignment of the RS class to the ship, unless otherwise indicated by RHO.

Thus, the RS surveyor shall impose the requirement to develop the necessary documentation, to update the existing one and with regard to the necessity of its approval by the Register, to translate documentation into the working language of the crew and to submit all necessary documentation approved by RS and translation of it (if required) on board the ship within documentation temporary approval term.

If it is found out that unauthorized alterations have been made to the design of the ship's hull, RHO shall be immediately informed about it to make a decision on further actions with regard to the documentation.

**5.2.3.7** To assess a loading/stability instrument, the following shall be forwarded by the shipowner or its authorized representative to the RS surveyor carrying out the survey: User's Manual, printout of calculation of four test load cases. With satisfactory repeatability of control calculations, the four test load cases must be approved and the User's Manual agreed. The results of verification on board the ship are drawn up according to 2.2.2.5, Part II "Survey Schedule and Scope" of the Rules.

**5.2.3.8** The availability of emergency outfit on board in accordance with the requirements of Section 9, Part III "Equipment, Arrangements and Outfit" of the Rules for Construction shall be checked, if applicable (the requirements cover the ships flying the RF flag. For the ships flying the flags of other countries the requirements for emergency outfit shall be advisory).

**5.2.3.9** For the ships which are covered by provisions of international conventions and codes the surveys shall be carried out in compliance with the applicable requirements of IC and codes as well as agreements and the Flag State MA instructions (including instructions received additionally upon RHO's request). The scope of survey shall be determined by provisions of Part III "Survey of Ships in Compliance with International Conventions, Codes, Resolutions and Rules for the Equipment of Sea-Going Ships".

**5.2.3.10** Plans to be submitted to the Register by the shipowner:

**.1** main plans:

general arrangement drawing;  
capacity plan;  
hydrostatic curves;  
loading manual;  
damage stability calculation, where applicable;

**.2** steel hull plans:

midship section;  
scantling plan;  
decks plan;  
shell expansion plan;  
transverse bulkheads plan;  
rudder and rudder stock;  
hatch covers plan;

for ships constructed in compliance with Common Structural Rules for Bulk Carriers and Oil Tankers (hereinafter referred to as "the CSR ships"), plans showing for each structural element both as-built and renewal thicknesses and any thickness for "voluntary addition;

**.3** machinery plans:

machinery arrangement plan;  
intermediate, thrust and propeller shafts plan;  
propeller plan;

main engines, propulsion gear and clutch systems (or Manufacturer's name, type, model and technical data);

additionally for steam turbine ships, main boilers, superheaters and economisers (or manufacturer's name, type, model and technical data) and main steam piping;

bilge and ballast piping diagrams;

circuit diagrams of power generation and distribution from main and emergency sources;

steering gear systems piping and arrangements, manufacturer's name and technical data;

.4 torsional vibration calculation (to be submitted for ships aged under two years);

.5 additionally for ships with ice class notation: plans for flexible couplings and/or torque limiting shafting devices (or manufacturer's name, type and technical data);

.6 (additionally) for oil tankers: plans of pumping arrangements at the forward and aft ends and drainage of cofferdams and pump rooms, of cargo piping in tanks and on deck;

.7 additional plans required for unattended machinery space notation: instrument and alarm list; fire alarm system; list of automatic safety functions (e.g. slowdown, shutdown, etc.); function testing plan;

.8 document(s) on approval of the application of the alternative (equivalent) structures and equipment, where applicable;

.9 additional information which may be required according to the Flag State requirements.

Alternative technical data may be accepted by the Register (refer to 5.2.3.1) in lieu of the specific item of the listed documentation not being available at the time of transfer;

.10 In addition, the following documents shall be submitted for MODU and FOP:

.10.1 drawings of stability columns, columns of submersible sea water pumps, jack houses, substructure for drilling derrick with elements when stowed for sea, tanks and footings of legs, drill floors of submersible and semi-submersible MODU, jacking system and fixing arrangements of self-elevating MODU, location of hazardous zones with indication of their category, arrangement of all electrical equipment and cabling in hazardous spaces and areas, remote central jacking control stations of jacking system of self-elevating MODU;

.10.2 information on the MODU and FOP stability on the seabed under the effect of wind, wave, current, weight and buoyancy, etc.;

.10.3 elementary diagrams of control, interlocking, protection and alarm systems of the electric drives of the jacking mechanisms of self-elevating MODU with indication of their technical characteristics, mechanisms for lifting and lowering of sea water pipe and submersible sea water pumps, the electric remote control systems for these electric drives, protection and alarm systems.

.10.4 description of principle of operation of control, interlocking, protection and alarm systems of the remote control devices of jacking system of a self-elevating MODU;

.10.5 Operating Manual for MODU and FOP;

.10.6 conclusion of competent bodies on fire and explosion safety of MODU and FOP components related to the operation of the drilling equipment.

**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 calculation (LL-66);

.2 description of conditions for load line assignment (Report on Initial Survey (Load Line));

.3 subdivision calculations (Reg. 27, LL-66);

.4 stability manual as approved and placed onboard the ship;

.5 Record of Approved Cargo Ship Safety Equipment (SOLAS-74, as amended);

.6 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;

.7 copies of Statutory Certificates with Supplements;

.8 copies of Certificates issued in compliance with other international conventions, agreements and codes;

.9 list of deficiencies within the competence of international conventions;

.10 report on the condition assessment resulting an Enhanced Survey Report;

.11 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.

**5.2.3.12** For the ships constructed on or after 1 January 2007, it is necessary to check the availability of the set of as-built drawings on board listed in 5.2.3.10.1 and 5.2.3.10.2 (except for a drawing of hatch covers), as well as schemes of ballast and drainage systems with confirmation that all the subsequent alterations in the ship's structure, if they were carried out, are approved by ACS and specified on these drawings (refer to 2.1.2.2.29 of Part III "Survey of Ships in Compliance with International Conventions, Codes, Resolutions" and the Rules for the Equipment of Sea-Going Ships).

**5.2.3.13** When assigning the ice class (except for **Arc4** and higher), it is assumed to be adequate equal to the ACS ice class according to the available comparative data in RHO, or higher or lower if the possibility of increasing or decreasing of ice class is justified to the satisfaction of RS. In case of changing the ice class towards increasing, regardless the ice class, one shall be guided by the provisions of 5.2.3.13.1 — 5.2.3.13.3 given below, except for the Note to 5.2.3.13.1 The substantiation of the ice class decreasing shall contain, at least, the reasons for decreasing, as well as substantiation of compliance of the ship with the decreased ice class.

In case the ship has a valid ice class (**III, II, IC, IB, IA, IA Super**) in compliance with the requirements of the Finnish-Swedish Ice Rules for ice class ships, it may be transferred without change to the RS class (refer to Section 10 of Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation Specifying Structural and Operational Particulars of Ships" of the Rules for Construction).

When assigning the ice classes **Arc4** and higher, the provisions of 5.2.3.13.1 — 5.2.3.13.3 shall be met.

If before completion of survey for acceptance of a ship to the RS class, the conditions specified in 5.2.3.13.1 — 5.2.3.13.3 are not carried out, ice class **Arc4** and higher cannot be assigned. In this case in accordance with the RHO decision and upon agreement with a shipowner the relevant Baltic ice class may be assigned in accordance with Section 10 of Part XVII "Distinguishing Marks and Descriptive Notations in the Class Notation" of the Rules for Construction. This information shall be introduced to the Ship's Survey Status by the RS surveyor (for example: "Due to outstanding conditions for assignment of RS ice class Arc4 and higher during acceptance of a ship to the RS class, the Baltic ice class [to identify a relevant mark] is assigned. In order to assign ice class **Arc4** and higher it is necessary to fulfill conditions of 5.2.3.13, Part II "Carrying out Classification Surveys of Ships" of the Guidelines [instead of reference to the RS normative document it is recommended to list conditions from the relevant normative document].).

If earlier (being in the RS class) a ship has had ice class **Arc4** and higher, verified by RHO), the check in compliance with 5.2.3.13.1 is not required provided that relevant calculation agreed by RS is available, and no changes in hull structures, machinery installations, ship's systems and arrangements related to ice class have been confirmed by the RS surveyor since the time the class has been transferred. If necessary, the calculation shall be updated by the RS surveyor or by a representative duly authorized by the shipowner further agreed by the RS surveyor with regard to information on permissible hull scantlings in accordance with actual requirements of the Rules.

**5.2.3.13.1** Shipowner or an organization authorized by the shipowner shall submit to the RS for approval the documentation containing the results of the assessment of ship compliance with the applicable requirements of the Rules for Construction and these Rules concerning the selected ice class (to hull, arrangements, stability and subdivision, machinery installation, systems, propeller-rudder system – depending on ice class selected by the shipowner).

*Note*. At the same time, regarding the machinery, machinery installation, systems and pipes, it is sufficient to check compliance of the ship's structure with the requirements of 2.1.1, Part VII "Machinery Installations" of the Rules for the Classification and Construction of Sea-Going Ships and 4.3.1 of Part VIII "Systems and Piping" of the Rules for the Classification and Construction of Sea-Going Ships.

**5.2.3.13.2** In case of satisfactory results of the review of documentation in compliance with 5.2.3.13.1 and its approval (the results are stated in the RS Conclusion Letter), the ship shall be submitted to RS for the survey for compliance with the RS requirements to items related to the ice class based on their actual condition (including the results of residual thickness

measurements of hull structures) and additional measures applicable based on the results of the documentation approval.

**5.2.3.13.3** In case of satisfactory results of the survey and fulfilment of the specified measures (refer to 5.2.3.13.2) the ship shall be assigned an appropriate ice class with issuing the Classification Certificate, making amendments to other ship documents, where ice class is indicated, and notifying the relevant RS Branch Offices/RHO Locations concerning the change in the ship class notation.

**5.2.4 Obligations of the Register being the losing Society.**

**5.2.4.1** If a shipowner advises the Register of any intention to transfer class to Another Classification Society, RHO shall immediately confirm (in writing) to the shipowner any overdue surveys and outstanding conditions of class, together with outstanding fees.

To retain the ship in the Register class, the RS Branch Office for in-service supervision shall negotiate with the shipowner on the reasons of transfer of class to ACS, discuss an opportunity of retaining the class.

**5.2.4.2** Upon receipt of a written request of the gaining Society, RHO shall send an inquiry to the RS Branch Office for in-service supervision to obtain the pertinent information needed.

Having received the RHO inquiry, the Branch Office shall immediately, within a working day, inform RHO of all the pertinent data relating to Ship's Survey Status, including the complete list of overdue surveys, conditions of class with the relevant due dates set for the given ship, as well as of the data on applicability of IACS UR of S series to the ship and its compliance therewith.

For ships being subject to enhanced surveys, the following documents shall be provided:  
the last Executive Hull Summary (Condition Evaluation) Report;

Enhanced Survey Programme for the next special or intermediate survey, irrespective of whether the gaining Society intends or does not intend to credit the survey as a periodical survey for class maintenance.

**5.2.4.3** By the RHO decision the information specified in 5.2.4.2 may be forwarded to the gaining Society within two working days since receipt of a written request.

Details may be amplified, if necessary, in accompanying documents.

In cases where the Ship's Survey Status received contains vague or unclear descriptions, RHO shall provide additional detailed information in English on request of the gaining Society.

RHO also advises the gaining Society of the possibility of further conditions of class arising from surveys which the Register knows have been carried out but for which reports have not yet been received.

**5.2.4.4** By the RHO decision the Register within a month since the receipt of the request, may:

.1 provide the gaining Society with an access to all class documents (Ship's File) for examination and preparing including a report on the thickness measurements of the latest special survey and details of any subsequent thickness measurements, including areas with critical corrosion to review and compile Vessel's Records, as specified in Annex 29;

.2 as an alternative, if requested by the gaining Society provide it with the copies of the Ship's File (class reports) including a report on the thickness measurements of the latest special survey and details of any subsequent thickness measurements, areas with critical corrosion to review and compile Vessel's Records included, as defined in Annex 29.

If the survey documents are in electronic files, they can be transferred in soft (in electronic format);

.3 submit the Vessel's Records in the scope not less than specified in Annex 29, remaining from all the previous transfers of class performed since 1 July 2001.

**5.2.4.5** After forwarding the Ship's Survey's Status to the gaining Society the following is sent to the gaining Society by the RHO decision:

.1 within one month from the date of receipt of a request to transfer class from the gaining Society additional information on outstanding surveys conditions of class identified according to the results of surveys proximate to the date of the shipowner's written request for transfer of class which were not included in the said Status;

.2 within five working days from the date of receipt of a request to transfer class from the gaining Society information on structural diminution allowances which were applying to the ship;

.3 within twelve working days from the date of receipt of a request to transfer class from the gaining Society assessment reports in accordance with IACS UR S19/S31 (when applicable).

**5.2.4.6** For CSR ships, the shipowner shall submit to the gaining Society plans showing for each structural element both as-built and renewal thicknesses and any thickness for "voluntary addition".

**5.2.4.7** To ensure mutual exchange of information on ships transferring class and on the survey status of such ships, RHO shall, on completion of a withdrawal of class, submit the relevant information to the gaining Society.

**5.2.4.8** The Register, as the Society which classed the ship prior to its transfer to the losing Society, by the RHO decision submits the copies of class documents to the gaining Society to the extent of available information for preparing the Vessel's Records the extent of which is specified in Annex 29.

**5.2.5 Transfer of class at the ship delivery date.**

**5.2.5.1** These requirements are applicable when the Society, which carried out the technical supervision of ship's construction (i.e. losing Society), has issued its first Classification Certificate to the ship.

**5.2.5.2** Obligations of the Register being the gaining Society.

**5.2.5.2.1** On receipt of the shipowner's request for transfer of class into the Register class, RHO shall immediately notify in writing the shipowner as follows:

.1 all the conditions of class issued by the losing Society shall be dealt with by their due dates;

.2 copies of the plans listed in 5.2.3.10 shall be provided to the Register as a prerequisite to issuing a Classification Certificate.

If the shipowner is unable to submit all of the required plans, it shall be recommended to request directly to the losing Society to transfer lacking plans on its demand.

**5.2.5.2.2** Prior to issuing a Classification Certificate on the date of the ship's delivery, the Register shall obtain a written request from the shipowner for transfer of class (in an arbitrary form) with attached copy of the first Classification Certificate from the losing Society as well as any conditions of class with the respective due dates and information normally contained in the ship's Survey Status.

Where the shipowner applies to the RS Branch Office, a request shall be redirected to RHO within a working day since its receipt;

**5.2.5.2.3** After receipt of a written request from the shipowner for transfer of class, RHO shall notify the losing Society of the requested transfer of class. If the Register does not receive the above documents from the losing Society on the date of the ship's delivery, the documents provided by the shipowner may be used and, after complying with the other relevant requirements of this Chapter, an Interim Classification Certificate may be issued.

In such cases, a statement shall be included in or with the Interim Classification Certificate reminding the shipowner that the conditions in 5.2.5.2.2 are still applicable.

**5.2.5.2.4** The Register shall not issue a Classification Certificate or other documents permitting the ship's operation in the following cases:

until all the relevant surveys specified in 5.2.3.2 have been satisfactorily completed;

before giving the opportunity to the Maritime Administration of the Flag State to provide the Register with any further instructions in compliance with the provisions of Article 10(5), Regulation (EC) No. 391/2009 within three working days.

RHO shall provide the RS Branch Office, which is authorized to carry out the transfer of class procedure, with an instruction of the Maritime Administration, if available.

**5.2.5.2.5** The validity of the Classification Certificate issued by the Register is subject to any outstanding conditions of class previously issued against the ship being completed by the due date and as specified by the losing Society.

Any outstanding conditions of class with their due dates shall be clearly stated in the following documents:

First Classification Certificate or the Summary Report on Ship's Transfer of Class (Form 6.3.50) on board;

ship's List of Survey's Status (Form 6.3.51-1) when the Classification Certificate is issued.

**5.2.5.2.6** When a Classification Certificate is issued, the RS Branch Office shall, within a working day, send to RHO a copy of the Summary Report on Ship's Transfer of Class (Form 6.3.50), the ship's List of Survey's Status (Form 6.3.51-1) and, within 10 working days, a copy of the set of documents issued to the ship for check.

RHO shall, within a month since issuing the Classification Certificate, advise the losing Society of the date of issuing this Certificate.

**5.2.5.3** Obligations of the Register being the Losing Society.

**5.2.5.3.1** Upon receipt of a written request of the gaining Society on the date of the ship's delivery, RHO shall urgently send an inquiry to the RS Branch Office which has carried out the technical supervision of ship's construction and has issued the First Classification Certificate to the ship.

Upon receipt of the RHO inquiry, the RS Branch Office shall send a copy of the First Classification Certificate to RHO including a list of any conditions of class with the respective due dates and information normally contained in the ship's List of Survey's Status.

RHO shall report the information received from the RS Branch Office to the losing Society.

Details may be amplified, if necessary, in accompanying documents.

**5.2.5.3.2** RHO may, within one month since issuing the first Classification Certificate, forward to the gaining Society the structural diminution allowances which were applying to the ship.

**5.2.5.3.3** To ensure mutual exchange of information on ships transferring class and on such ship's Survey Status, RHO shall, on completion of a withdrawal of class, submit the relevant information to the gaining Society.

**5.2.6 Other requirements.**

**5.2.6.1** Any differences which cannot be settled between two Societies privately shall be settled in compliance with the IACS procedure for handling a complaint (IACS Procedure, Volume 3, Annex 4 – refer to <http://www.iacs.org.uk/publications/procedures/>).

**5.2.6.2** As the ship may be laid up, the gaining Society shall check the classification status from the previous Society by requesting the current status from the shipowner in order to verify if this procedural requirement is applicable.

## **5.3 ASSIGNMENT OF THE REGISTER CLASS**

**5.3.1 General.**

**5.3.1.1** The requirements of the present Chapter shall apply for the Class assignment to inland waterway non-compliant ships of over 100 gross tonnage, self-propelled or not, restricted or unrestricted area of navigation except for the ships where the provisions of 5.2 apply.

**5.3.1.2** For ships of gross tonnage 100 and below the requirements of this Chapter shall apply as far as practicable and reasonable. While all the decisions concerning classification are made by the RS Branch Office for in-service supervision in conjunction with the RS Branch Office carrying out the survey.

**5.3.1.3** Classification Certificate shall be issued by RS for a full term upon completion of initial survey of the ship for class assignment.

**5.3.1.4** If the ship, within the period preceding the request by the shipowner for classification of the ship, had the RS class but afterwards it has been withdrawn, the provisions of 4.8 shall apply.

**5.3.1.5** The estimated class notation shall be determined by RHO when preparing authorization to the RS Branch Office for performing assessment of a ship's compliance with the Rules for Construction (refer to 5.1.5).

The RS character of classification, as well as distinguishing marks and descriptive notations shall be stated in compliance with 2.2, Part I "Classification" of the Rules for Construction based on the results of the shipowner's application review (refer to 5.1.3).

The final class notation shall be assigned to the ship considering the RS reviewed documentation on taking the ship to the level of the compliance with the applicable Rules for Construction and shall be confirmed by RHO upon receipt of the RS Branch Office request for giving the distinctive number in compliance with the RS prescribed procedure.

Changing of the confirmed class notation shall be performed according to 3.2, Part II "Survey Schedule and Scope" of the Rules.

**5.3.2 Obligations of the Register.**

**5.3.2.1** The RS class assignment shall be performed only upon obtaining of the written application by the shipowner.

**5.3.2.2** The application's review shall be performed by RHO in compliance with 5.1.3 and 5.1.4.

**5.3.2.3** On the results of the application's review RHO shall notify the shipowner in writing of the terms of acceptance of a ship to the RS class, taking into consideration the following:

.1 assessment of ship's compliance with the Rules for Construction in accordance with 5.1.5 and 5.1.6, as well as the initial survey for the RS class assignment specified in 5.3.3 shall be carried out in the full scope;

.2 technical documentation in accordance with 5.3.3.2 shall be submitted to the Register for review and approval;

.3 Classification Certificate can be issued only after the RS approval of the required technical documentation, performance of all necessary surveys, verification of the ship's compliance with the Rules for Construction (upon results of the assessment), as well as approval of equivalents, as appropriate.

**5.3.2.4** Conditions of issue of Classification Certificate, or other documents enabling the ship's operation are:

.1 performance of all relevant surveys in full scope;

.2 review and approval of the technical documentation listed for verification of the assessment of the ship's compliance with the applied Rules for Construction;

.3 opportunity for the Maritime Administration of the Flag State to provide within three (3) working days the Register with further instructions in compliance with the requirements of Article 10 (5) of the Regulation (EC) № 391/2009.

RHO shall forward a request to the Flag State MA to submit further instructions simultaneously with the authorization for the ship's survey to the RS Branch Office and supply it with the instructions of the corresponding Flag State MA if provided.

### **5.3.3 Technical requirements.**

**5.3.3.1** According to the results of assessment of ship's compliance with the Rules for Construction in accordance with 5.1.4 and 5.1.5 a shipowner or an authorized representative shall develop technical documentation to bring the ship in compliance with the applicable Rules for Construction. The documentation shall be forwarded to RHO or, on its behalf, to the RS Branch Office.

**5.3.3.2** Technical documentation shall include:

.1 hull members calculation in compliance with Part II "Hull" of the Rules for Construction including assessment of permissible thickness of all the hull members regulated in accordance with 5.12.3, Part I "General Provisions" of the Rules. Calculation shall be carried out in Russian or in English, or both. Title page and summary table with dimension allowances shall be in Russian and English or in English only. The option in Russian may be used for ships flying the Russian Federation flag unless they are engaged on international voyages;

.2 documentation on ship's stability (operational) in Russian and/or English, including Stability Booklet, Grain Loading Stability Information, Non-Grain Bulk Cargo Loading Stability and Strength Information, Information on Damage Trim and Stability, as applicable;

in addition for MODU/FOP:

operating manual;

inclining test report or appropriate document, approved by the previous Flag State MA or organization authorized by the Flag State MA;

plan of subdivision showing all watertight structures and openings with indication of types of closing appliances;

calculations of sectional areas of cross-flooding fittings and of uprighting time;

ballast and bilge system plan;

.3 documentation listed in 5.3.4;

.4 actions for elimination of nonconformities (calculations, test results, drawings, etc.) in compliance with 5.1.6;

.5 when assigning the ice class to a ship the requirements shall be met of 3.2.7.1.1 to 3.2.7.1.3, Part II "Survey Schedule and Scope" of the Rules.

**5.3.3.3** In cases where the ship has been previously constructed to or classed by ACS subject to verification of compliance with QSCS, technical documentation provided in scope of 5.3.4 shall be reviewed by the Register in order to confirm that no alteration/conversions are made on the ship.

**5.3.3.4** Set of technical documentation shall be submitted in electronic format with the cover letter and a list of accompanying documents.

For submersible, semi-submersible self-elevating MODU and FOP and other units (pontoons, platforms, islands etc.) resting on a seabed and which may be transferred and installed on a new place, calculation on verification of compliance of hull structures of MODU/FOP with compliance of Part II "Hull" of the MODU/FOP Rules shall be carried out.

**5.3.3.5** Technical documentation shall be subject to review by the Register in the prescribed manner.

**5.3.3.6** Where technical documentation review is approved with remarks to be improved after the ship is assigned with the RS class, in the final letter of conclusion the requirement on making arrangements for the class retaining in due time in accordance with Section 7 of Part I "General Provisions" shall be stated.

**5.3.3.7** When having made a good faith effort to obtain full information on the ship, but if it proves not practicable to submit certain plans listed in 5.3.4, then for the assignment of the Register class to the ship, the equivalent/alternative technical data shall be submitted to RHO or another RS Branch Office which deals with technical documentation.

**5.3.3.8** The deviation from the Rules for Construction, as well as calculations, test results and other actions allowing apply such deviations shall be considered by the Register in the list of Actions for elimination of nonconformities (refer to 5.3.3.2).

**5.3.3.9** Letter of conclusion based on the results of the review of documentation on verification of ship's compliance with the applicable Rules for Construction shall be forwarded to the shipowner by the RHO or the RS Branch Office authorized to review it.

The correspondence on the review of technical documentation, including authorization for the RS Branch Office, letters with comments, the letter of conclusion, list of equivalents shall be sent as a copy to the RHO.

**5.3.3.10** The initial survey of the ship for the RS class assignment shall be arranged by RHO on receipt of the copy of the letter of conclusion on review of technical documentation.

The initial survey shall be carried out by the RS Branch Office only upon authorization of RHO.

During preparation of the RHO authorization all known negative factors related to ship's history (refer to 5.1.3.3) as well as conditions of class, imposed by ACS (refer to 5.3.3.12), if any, shall be taken into account.

The RS Branch Office authorized to carry out the initial survey shall conclude the Agreement on initial survey and classification of ship (Form 430.1.8-3) with the shipowner.

**5.3.3.11** The scope of the initial survey shall be determined by RHO in each case depending on the age of the ship and taking into account the technical condition of the items on the basis of the scope of the special survey, including bottom survey in dock. The scope of the initial survey of the ship shall be in accordance with the requirements of 2.4, Part II "Survey Schedule and Scope" as well as relevant Sections of Part III "Additional Surveys of Ships Depending on their Purpose and Hull Material" of the Rules. Assessment of the technical condition of the ship's hull structures shall be carried out in accordance with Section 5, Part I "General Provisions" of the Rules. During initial survey the RS surveyor may request further examinations, tests and measurements, including but not limited materials testing, non-destructive testing and hydraulic testing.

**5.3.3.12** Where during any portion of the five years prior to the request for classification being received, the ship has been previously classed by ACS subject to verification of compliance with QSCS and no alterations/conversions/modernization are made on the ship since withdrawal from the ACS class, the scope of initial survey shall not be less than those required by 5.2.3.

**5.3.3.13** In the course of the initial survey the RS Branch Office performing the survey shall make a detailed check of the actual compliance of the ship's structure, composition and location of the equipment and systems with the plans submitted. If nonconformities are detected on board, the shipowner shall be notified about the necessity of bringing of the ship in conformity with the plans submitted or the technical documentation revision with the applicable requirements of the Rules for Construction with its further approval by RS.

**5.3.3.14** Ship's initial survey shall include technical supervision for bringing the ship in compliance with the Rules for Construction. The results shall be specified in the Report on Survey (Form. 6.3.10) or Ship's Survey Statement (Form 6.1.03).

**5.3.3.15** RHO shall provide the RS Branch Office, authorized to carry out the initial survey, with instructions of the Flag State MA, if available.

**5.3.3.16** Survey of the ship in compliance with the applicable international conventions, codes and resolutions, as well as statutory survey of the ship's equipment in accordance with the RS rules shall be carried out under Part III "Survey of Ships in Compliance with International Conventions, Codes, Resolutions and the Rules for Equipment of the Sea-Going Ships".

**5.3.3.17** After completion of the initial survey the RS Branch Office shall:

.1 within one working day send the ship's List of Survey's Status (Form 6.3.51-1) to RHO as well as to the RS Branch Office for in-service supervision;

.2 within 10 working days:

forward a copy of the set of documents issued to the ship, as well as approved technical documentation for the ship's compliance with the applicable Rules for Construction to the RS Branch Office for in-service supervision;

forward a copy of the set of documents issued to the ship for check to RHO.

**5.3.3.18** RHO shall inform as appropriate the Flag State MA about the date of issue of the Classification Certificate.

**5.3.4 Plans to be submitted by the shipowner to the Register:**

.1 main plans:

general arrangement drawing;

capacity plan;

hydrostatic curves;

damage stability calculation, where required;

.2 steel hull plans:

midship section;

scantling plan;

decks plan;

shell expansion plan;

transverse bulkheads;

rudder and rudder stock;

hatch covers;

stern frame;

.3 machinery plans:

machinery arrangement plan of the propulsion plant;

shafting arrangement, i.e. intermediate, trust and screw shafts plan;

propeller plan;

main engines, propulsion gears and clutch systems (or manufacturer's name, type, model and technical data);

for steam turbine ships:

main boilers, superheaters and economisers (or manufacturer's name, type, model and technical data) and main steam piping;

bilge and ballast piping diagrams;

circuit diagrams of power generation and distribution from main and emergency sources;

steering gear systems, piping and arrangements and steering gear manufacturer's name and model information;

.4 torsional vibration calculations (for ships less than two (2) years old);

.5 additionally, for ships with ice class notation: plans for flexible coupling and/or torque limiting shafting devices in the propulsion line shafting (or manufacturer's name, model and technical data);

.6 additionally, for oil tankers: pumping arrangements at the forward and aft ends and drainage of cofferdams and pump rooms;

.7 additional plans required for unattended machinery space notation: instrument and alarm list; fire alarm system; list of automatic safety functions (e.g. slowdowns, shutdowns, etc.); function testing plan;

.8 additional information that may be required for the documentation review;

.9 additional information may be necessary according the Flag State MA requirements;

.10 In addition for MODU and FOP the following documentation shall be submitted:

.10.1 drawings of stability columns, columns of submersible sea water pumps, jack houses, substructure for drilling derrick with elements when stowed for sea, tanks and footings of legs, drill floors of submersible and semi-submersible MODU, jacking system and fixing arrangements of self-elevating MODU, location of hazardous zones with indication of their category, arrangement of all electrical equipment and cabling in hazardous spaces and areas, remote central jacking control stations of jacking system of self-elevating MODU;

.10.2 information on the MODU/FOP stability on the seabed under the effect of wind, wave, current, weight and buoyancy, etc.;

.10.3 elementary diagrams of control, interlocking, protection and alarm systems of the electric drives of the jacking mechanisms of self-elevating MODU with indication of their technical

characteristics, mechanisms for lifting and lowering of sea water pipe and submersible sea water pumps, the electric remote control systems for these electric drives, protection and alarm systems;

.10.4 description of principle of operation of control, interlocking, protection and alarm systems of the remote control devices of jacking system of a self-elevating MODU;

.10.5 Operating Manual for MODU/FOP;

.10.6 conclusion of competent bodies on fire and explosion safety of MODU/FOP components related to the operation of the drilling equipment.

If at the moment of class assignment one of the above documents is missing, the Register may accept alternative technical data in accordance with 5.3.3.7.

## 5.4 REGISTER DOCUMENTS

**5.4.1** In acceptance of a ship into the RS class the results of the ship's initial survey shall be executed in compliance with the Register internal procedures and the applicable provisions of the Guidelines and the Rules.

Upon completion of the ship's initial survey for the purpose of ship's class transferring into the RS class in accordance with 5.2, Part II "Carrying out Classification Surveys of Ships", the Summary Report on Ship's Transfer of Class (Form 6.3.50) shall be prepared.

For cargo and passenger ro-ro ships, to be additionally executed is the Report on Survey of the Ship (Form 6.3.10), which confirms the ship's compliance with the applicable IACS UR S-series' requirements.

**5.4.2** During ship's transfer of class without a change of a flag, the statutory documents shall be issued in accordance with the provisions of 4.2.1, Part III "Survey of Ships in Compliance with International Conventions, Codes, Resolutions and the Rules for the Equipment of Sea-Going Ships".

During ship's transfer of class with a change of a flag, the statutory documents shall be issued in accordance with the provisions of 4.2.2, Part III "Survey of Ships in Compliance with International Conventions, Codes, Resolutions and the Rules for Equipment of the Sea-Going Ships".

**5.4.3** Upon completion of the ship's initial survey the Photo-Report in compliance with the provisions of 3.4, Part I "General Provisions" shall be carried out.

APPENDIX 1



## RUSSIAN MARITIME REGISTER OF SHIPPING

### REPORT ON ASSESSMENT OF SHIP'S COMPLIANCE WITH THE RULES FOR CONSTRUCTION

#### Basic Vessel's Records:

Name of Ship	
IMON <sup>e</sup>	
Flag	
Port of Registration	
Classification Society. Class Notation.	
Type of Ship	
Date and Place of Ship Construction	
Gross tonnage	
Deadweight	
Ship Length (ITC-69)	
Power of Main Engine, kW	
Area of navigation	

Undersigned engineer(s)-surveyor(s) have performed the technical appraisal of the ship aimed at assessment of the ship's compliance with the Rules for the Classification and Construction of Sea-Going Ships under the authorization by the RS Head Office:

Port of assessment Performance \_\_\_\_\_ Country \_\_\_\_\_ Date \_\_\_\_\_

The Register shall not undertake assignment of the RS class to the ship under the results of the ship's assessment.

The use of the Report by the Party which has ordered it and (or) by the third Parties in other purposes shall not involve responsibility by the Register for the consequences of this decision. Under no circumstances the Register responsibility shall go beyond the one specified in the General conditions for rendering services by Russian Maritime Register of Shipping (located in [www.rs-class.org](http://www.rs-class.org)).

Annexes:

1. List of nonconformities to be eliminated for the ship compliance with the RS Rules for Classification and Construction of Sea-Going Ships. Number of pages \_\_\_\_\_
- 2.
- 3.

Surveyor(s) \_\_\_\_\_

*APPENDIX 2*

### **LIST OF NONCONFORMITIES TO BE ELIMINATED FOR THE SHIP'S COMPLIANCE WITH THE RS RULES FOR CONSTRUCTION**

No pp.	Item of technical supervision	Rules for construction par. <sup>1</sup>	Description of Nonconformity	Note by RHO
1	2	3	4	5

<sup>1</sup> Rules for the Classification and Construction of Sea-Going Ships valid on the date of the ship construction unless otherwise specified in the following editions."